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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: December 16, 2007

### LIA (ASC Z136) (Laser Institute of America)

#### New Standards

BSR Z136.7-200x, Testing and Labeling of Laser Protective Equipment (new standard)

Provides recommendations for the testing requirements and labeling of protective equipment (devices) designed for use with lasers and laser systems that operate at wavelengths between 180 nm and 1 mm.

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

Send comments (with copy to BSR) to: Barbara Sams, LIA (ASC Z136)

### UL (Underwriters Laboratories, Inc.)

#### Revisions

BSR/UL 201-200x, Garage Equipment (Proposals dated 11/16/07) (revision of ANSI/UL 201-2006)

Describes editorial change to move Exception from 9.2.2 to 9.2.1 and to correct word usage error in 9.2.1.

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

Send comments (with copy to BSR) to: Linda Phinney, UL-SC,  
Linda.L.Phinney@us.ul.com

BSR/UL 448-200x, Standard for Safety for Centrifugal Stationary Pumps for Fire-Protection Service (revision of ANSI/UL 448-2007)

The following changes in requirements are being proposed for UL 448:

- (1) Proposal Request (PR6240); and
- (2) Editorial type clarification to 8.4.

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

Send comments (with copy to BSR) to: Raymond Suga, UL-NY;  
Raymond.M.Suga@us.ul.com

BSR/UL 499-200x, Standard for Safety for Electric Heating Appliances (revision of ANSI/UL 499-2005)

Provides new requirements for steam bath generators.

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

Send comments (with copy to BSR) to: Amy Walker, UL-IL;  
Amy.K.Walker@us.ul.com

BSR/UL 758-200x, Appliance Wiring Material (Proposal dated 11/9/07) (revision of ANSI/UL 758-2007)

Revises Tables 7.2 and 7.3 to include physical properties of 250°C Silicone Rubber Insulation.

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

Send comments (with copy to BSR) to: Linda Phinney, UL-CA;  
Linda.L.Phinney@us.ul.com

BSR/UL 1247-200x, Standard for Safety for Diesel Engines for Driving Centrifugal Fire Pumps (revision of ANSI/UL 1247-2007)

The following changes in requirements are being proposed for UL 1247:

- (1) Clarification of test procedures and requirements described in 20.6.10; and
- (2) Proposal Request (PR7673).

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

Send comments (with copy to BSR) to: Raymond Suga, UL-NY;  
Raymond.M.Suga@us.ul.com

## Comment Deadline: December 31, 2007

### ADA (American Dental Association)

#### Revisions

BSR/ADA Specification No. 28-200x, Root Canal Files and Reamers, Type K (revision of ANSI/ADA 28-2002)

Creates a specification for endodontic files and reamers having a working part taper of 2% (0.02 millimeter per millimeter of length) and standard sizes for use in endodontic preparation or shaping operations.

Single copy price: Free

Obtain an electronic copy from: standards@ada.org

Order from: standards@ada.org

Send comments (with copy to BSR) to: standards@ada.org

### API (American Petroleum Institute)

#### Addenda

BSR/API Standard 521, Addendum 1-200x, Pressure-Relieving and Depressuring Systems (addenda to ANSI/API 521-2006)

Specifies requirements and gives guidelines for examining the principal causes of overpressure determining individual relieving rates; and selecting and designing disposal systems, including such component parts as piping, vessels, flares, and vent stacks. API 521 is applicable to pressure-relieving and vapor-depressuring systems. Although intended for use primarily in oil refineries, it is also applicable to petrochemical facilities, gas plants, liquefied natural gas (LNG) facilities and oil and gas production facilities.

Single copy price: Free

Obtain an electronic copy from: goodman@api.org

Order from: Valeen Young, API; youngv@api.org

Send comments (with copy to BSR) to: Roland Goodman, API;  
goodmanr@api.org

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

#### New National Adoptions

BSR/ASABE S300.4 -200x, Milking machines installations - Vocabulary (national adoption with modifications of ISO 3918:2007)

Defines terms to use in research work, official regulations, design, manufacture, installation and use of milking machines for cows, water buffaloes, sheep, goats or other mammals used for milk production. The term "cow" in this document generally is referring to female dairy cattle; however, for simplicity in not needing to list all female dairy animals (doe, ewe, etc.), it is sometimes used to refer to female dairy animals in general.

Single copy price: \$45.00

Obtain an electronic copy from: vangilder@asabe.org

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

Send comments (with copy to BSR) to: Same

#### Reaffirmations

BSR/ASABE S229.6-DEC82 (R200x), Baling Wire for Automatic Balers (reaffirmation of ANSI/ASAE S229.6-DEC82 (RAPR2003))

Covers annealed baling wire for automatic balers. The wire shall be furnished in two sizes of coils: 960 m (3150 ft) minimum and 1981 m (6500 ft) minimum.

Single copy price: \$45.00

Obtain an electronic copy from: vangilder@asabe.org

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

Send comments (with copy to BSR) to: Same

BSR/ASABE S277.2-1992 (R200x), Mounting Brackets and Socket for Warning Lamp and Slow-Moving Vehicle (SMV) Identification Emblem (reaffirmation of ANSI/ASAE S277.2-1992 (R2003))

Defines mounting devices for use with warning lamps and SMV

Single copy price: \$45.00

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

Order from: Carla VanGilder, ASABE; [vangilder@asabe.org](mailto:vangilder@asabe.org)

Send comments (with copy to BSR) to: Same

BSR/ASABE S315.3-2002 (R200x), Twine for Automatic Balers (reaffirmation of ANSI/ASAE S315.3-2002)

Provides uniform sisal and polyolefin agricultural twine specifications, which will ensure satisfactory performance in a properly adjusted baler knoter and have adequate durability in normal storage and handling of the baled material. This Standard covers twines manufactured for use in small square and large square automatic tie balers. The intention of this Standard is to allow freedom in the use of materials and manufacturing processes.

Single copy price: \$45.00

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

Order from: Carla VanGilder, ASABE; [vangilder@asabe.org](mailto:vangilder@asabe.org)

Send comments (with copy to BSR) to: Same

BSR/ASABE S515-JAN94 (R200x), Pallet Load Transfer System for Vegetable Harvesters, Shuttle Vehicles, and Road Trucks (reaffirmation of ANSI/ASAE S515-JAN94 (RAPR2003))

Ensures compatibility between all vehicles used in a palletized load transfer system for vegetables. This Standard applies to vegetable harvesters, field shuttle vehicles, trailers, over-the-road trucks, and yard facilities used in such a system.

Single copy price: \$45.00

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

Order from: Carla VanGilder, ASABE; [vangilder@asabe.org](mailto:vangilder@asabe.org)

Send comments (with copy to BSR) to: Same

## EIA (Electronic Industries Alliance)

### New Standards

BSR/EIA 364-1000-200x, Environmental Test Methodology for Assessing the Performance of Electrical Connectors and Sockets Used in Controlled Environment Applications (new standard)

Establishes the test procedures and test sequences to be followed when evaluating the performance of electrical connectors and sockets used in controlled environments.

Single copy price: Free

Obtain an electronic copy from: [global@ihs.com](mailto:global@ihs.com)

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

Send comments (with copy to BSR) to: Cecelia Yates, EIA; [cyates@ecaus.org](mailto:cyates@ecaus.org)

## ICC (International Code Council)

### New Standards

BSR/ICC 500-200x, Standard on Design, Construction and Performance of Storm Shelters (new standard)

Provides technical design and performance criteria that will facilitate and promote the design, construction, and installation of safe, reliable, and economical storm shelters to protect the public. It is intended that this Standard be used by design professionals, storm shelter designers, manufacturers, and constructors, building officials, emergency management personnel, and government officials to ensure that storm shelters provide a consistently high level of protection to the sheltered public.

Single copy price: Free

Obtain an electronic copy from:

<http://www.iccsafe.org/cs/standards/is-stm/index.html>

Order from: Edward Wirtschoreck, ICC; [ewirtschoreck@iccsafe.org](mailto:ewirtschoreck@iccsafe.org)

Send comments (with copy to BSR) to: Same

BSR/ICC 600-200x, Standard for Residential Construction in High Wind Regions (new standard)

Specifies prescriptive methodologies of wind-resistant design and construction details for buildings and other structures of wood-framed, steel-framed, concrete, or masonry construction sited in high-wind prone areas. This standard will provide prescriptive details for walls, floors, roofs, foundations, windows, doors, and other applicable components of construction.

Single copy price: Free

Obtain an electronic copy from:

<http://www.iccsafe.org/cs/standards/is-hrc/index.html>

Order from: Edward Wirtschoreck, ICC; [ewirtschoreck@iccsafe.org](mailto:ewirtschoreck@iccsafe.org)

Send comments (with copy to BSR) to: Same

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

### New Standards

BSR N42.48-200x, Performance Requirements for Spectroscopic Personal Radiation Detectors (SPRDs) (new standard)

Describes design and performance requirements along with testing methods for evaluating the performance of radiation detection instruments that are pocket-sized and worn on the body for the purpose of rapid detection and identification of radioactive materials.

Single copy price: Free

Obtain an electronic copy from: [w.ash@ieee.org](mailto:w.ash@ieee.org)

Order from: William Ash, IEEE; [w.ash@ieee.org](mailto:w.ash@ieee.org)

Send comments (with copy to BSR) to: Same

BSR N323C-200x, Radiation Protection Instrumentation Test and Calibration - Air Monitoring Instruments (new standard)

Establishes test and calibration requirements for air-monitoring instruments used for detection and measurement of airborne radioactive substances. The appendix of this standard provides reference information. The standard covers the following topics:

- Test and calibration elements of a comprehensive air monitoring instrument program;
- Test and calibration requirements for all types of air monitoring instruments;
- Additional requirements for specialized monitors;
- Calibration for special conditions;
- Required conditions, facilities, and equipment; and
- Documentation.

Single copy price: Free

Obtain an electronic copy from: [w.ash@ieee.org](mailto:w.ash@ieee.org)

Order from: William Ash, IEEE; [w.ash@ieee.org](mailto:w.ash@ieee.org)

Send comments (with copy to BSR) to: Same

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

### Revisions

BSR/INCITS/ISO/IEC 14651-2001/AM1-200x [200x], International String Ordering and Comparison - Method for Comparing Character Strings and Description of the common template tailorable ordering - Amendment 1 (revision of INCITS/ISO/IEC 14651:2001/AM1: 2003)

Provides Amendment 1 to ISO/IEC 14651:2001.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/find.asp>

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

Send comments (with copy to BSR) to: Deborah Spittle, ITI (INCITS); [dspittle@itic.org](mailto:dspittle@itic.org)

**Reaffirmations**

INCITS/ISO 8859-7-2004 (R200x), Information technology - 8-Bit Single-Byte Coded Graphic Character Sets - Part 7: Latin/Greek Alphabet (formerly ANSI/ISO 8859-7-1987) (reaffirmation of INCITS/ISO 8859-7-2004)

Specifies a set of 188 coded graphic characters identified as Latin/Greek alphabet. This set of coded graphic characters is intended for use in data and text processing applications and also for information interchange. The set contains graphic characters used for general purpose applications in typical office environments in at least the following languages: English, Greek, and Latin.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/find.asp>

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

Send comments (with copy to BSR) to: Deborah Spittle, ITI (INCITS); [dspittle@itic.org](mailto:dspittle@itic.org)

INCITS/ISO/IEC 2375-2003 (R200x), Data Processing - Procedure for Registration of Escape Sequences (reaffirmation of INCITS/ISO/IEC 2375-2003)

Specifies the procedures to be followed for preparing, maintaining, and publishing a register of escape sequences and of the coded character sets they identify. ISO/IEC 2022:1994, Information technology - Character code structure and extension techniques.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/find.asp>

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

Send comments (with copy to BSR) to: Deborah Spittle, ITI (INCITS); [dspittle@itic.org](mailto:dspittle@itic.org)

INCITS/ISO/IEC 4873-1991 (R200x), Information Processing - Bit Code for Information Interchange - Structure and Rules for Implementation (reaffirmation of INCITS/ISO/IEC 4873-1991 (R2003))

Specifies an 8-bit code derived from, and compatible with, the 7-bit coded character set specified in ISO/IEC 646. The characteristics of this code are also in conformance with the code extension techniques specified in ISO 2022. Also specifies an 8-bit code with a number of options. It also provides guidance on how to exercise the options to define specific versions. This code is primarily intended for general information interchange with an 8-bit environment among data processing systems and associated equipment, and within data communication systems.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/find.asp>

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

Send comments (with copy to BSR) to: Deborah Spittle, ITI (INCITS); [dspittle@itic.org](mailto:dspittle@itic.org)

INCITS/ISO/IEC 7811-1-2002 (R200x), Identification cards - Recording technique - Part 1: Embossing (reaffirmation of INCITS/ISO/IEC 7811-1-2002)

Specifies requirements for embossed characters on identification cards. The embossed characters are intended for transfer of data either by use of imprinters or by visual or machine reading. It takes into consideration both human and machine aspects and states minimum requirements.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/find.asp>

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

Send comments (with copy to BSR) to: Deborah Spittle, ITI (INCITS); [dspittle@itic.org](mailto:dspittle@itic.org)

INCITS/ISO/IEC 10373-6-2001/AM2-2003 (R200x), Identification cards - Test methods - Part 6: Proximity cards - Amendment 2: Improved RF test methods (reaffirmation of INCITS/ISO/IEC 10373-6-2001/AM2-2003)

This second amendment modifies Part 6 of ISO/IEC 10373.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/find.asp>

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

Send comments (with copy to BSR) to: Deborah Spittle, ITI (INCITS); [dspittle@itic.org](mailto:dspittle@itic.org)

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

BSR/NSF 173-200x (i24), Dietary Supplements (revision of ANSI/NSF 173-2003)

Issue 24: Add modifications to the define the types of ingredients that are associated with the acceptable limits categories in tables 6A and 6B.

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

**SCTE (Society of Cable Telecommunications Engineers)****Revisions**

BSR/SCTE 31 2007-200x, Test Method for Measuring Diameter Over Core (revision of ANSI/SCTE 31-2002)

Documents sample preparation, sample testing and test procedure for measurement of core diameter and core ovality of coaxial cables.

Single copy price: \$50.00

Obtain an electronic copy from: [Standards@scte.org](mailto:Standards@scte.org)

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

Send comments (with copy to BSR) to: Steve Oksala, [Standards@scte.org](mailto:Standards@scte.org)

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

BSR/UL 83-200x, Standard for Safety for Thermoplastic-Insulated Wires and Cables (revision of ANSI/UL 83-2003)

Provides revisions to test methods based on publication of UL 2556 and other general, construction, performance, and marking requirements revisions.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Camille Alma, UL; [Camille.A.Alma@us.ul.com](mailto:Camille.A.Alma@us.ul.com)

## Comment Deadline: January 15, 2008

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

### AWWA (American Water Works Association)

#### New Standards

BSR/AWWA C227-200x, Bolted, Split-Sleeve Restrained and Non-Restrained Couplings for Plain-End Pipe (new standard)

Describes bolted, split-sleeve couplings (couplings) used to join plain-end pipe of similar outside diameter. Couplings may be manufactured from carbon steel, or stainless steel, and are intended for use in systems conveying water, wastewater, or air used in water treatment. This standard covers nominal pipe sizes from 3/4 in. (20 mm) through 144 in. (3,600 mm).

Single copy price: \$20.00

Order from: Jim Wailes, AWWA; [jwailes@awwa.org](mailto:jwailes@awwa.org)

Send comments (with copy to BSR) to: Same

#### Revisions

BSR/AWWA C208-200x, Dimensions for Fabricated Steel Water Pipe Fittings (revision of ANSI/AWWA C208-2001)

Provides overall dimensions for fabricating steel water pipe fittings for sizes 6 in. through 144 in. (150 mm through 3,600 mm) for steel water transmission and distribution facilities.

Single copy price: \$20.00

Order from: Jim Wailes, AWWA; [jwailes@awwa.org](mailto:jwailes@awwa.org)

Send comments (with copy to BSR) to: Same

BSR/AWWA C213-200x, Fusion-Bonded Epoxy Coating for the Interior and Exterior of Steel Water Pipelines (revision of ANSI/AWWA C213-2001)

Describes the material and application requirements for fusion-bonded epoxy coatings for the interior and exterior of steel water pipe, special sections, welded joints, connections, and fittings for steel water pipelines installed underground or underwater. Fusion-bonded epoxy coatings are heat-activated, chemically cured coating systems.

Single copy price: \$20.00

Order from: Jim Wailes, AWWA; [jwailes@awwa.org](mailto:jwailes@awwa.org)

Send comments (with copy to BSR) to: Same

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

#### Revisions

BSR/ESD DS5.2-200x, Electrostatic Discharge Sensitivity Testing - Machine Model (MM) - Component Level (revision and redesignation of ANSI/ESD STM5.2-1999)

Establishes the procedure for testing, evaluating and classifying the electrostatic discharge (ESD) sensitivity of components to the defined machine model (MM).

Single copy price: \$50.00 (EOS/ESD Members) / \$70.00 (Non-members)

Order from: Bridget Schneegas, EOS/ESD; [bschneegas@esda.org](mailto:bschneegas@esda.org)

Send comments (with copy to BSR) to: Same

BSR/ESD DS5.3.1-200x, Electrostatic Discharge Sensitivity Testing - Charged Device Model (CDM) - Component Level (revision and redesignation of ANSI/ESD STM5.3.1-1999)

Establishes the procedure for testing, evaluating and classifying the electrostatic discharge (ESD) sensitivity of components to the defined charged device model (CDM).

Single copy price: \$50.00 (EOS/ESD Members) / \$70.00 (Non-members)

Order from: Bridget Schneegas, EOS/ESD; [bschneegas@esda.org](mailto:bschneegas@esda.org)

Send comments (with copy to BSR) to: Same

### UL (Underwriters Laboratories, Inc.)

#### New Standards

BSR/UL 971-200x, Nonmetallic Underground Piping for Flammable Liquids (new standard)

Provides for the recirculation of UL 971 (original proposal submitted 8-18-2006), covering requirements for nonmetallic primary carrier, secondary containment, coaxial pipe, fittings, gaskets, and systems (products) intended for use underground in the distribution of petroleum-base flammable and combustible liquids, alcohols, and alcohol-blended fuels as identified in the standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Paul Lloret, UL-CA; [Paul.E.Lloret@us.ul.com](mailto:Paul.E.Lloret@us.ul.com)

BSR/UL 1004-1-200x, Standard for Safety for Rotating Electrical Machines - General Requirements (Proposal dated 11-16-07) (new standard)

Proposes the first edition of UL 1004-1. UL 1004-1 applies to rotating electrical machines, both AC and DC, rated 7,200 volts or less.

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: Jonette Herman, UL-NC; [Jonette.A.Herman@us.ul.com](mailto:Jonette.A.Herman@us.ul.com)

BSR/UL 1004-2-200x, Standard for Safety for Impedance Protected Motors (Proposal dated 11-16-07) (new standard)

Proposes the first edition of UL 1004-2. UL 1004-2 applies to motors, rated 600 volts or less, that rely solely upon the impedance of the motor windings to prevent overheating.

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: Jonette Herman, UL-NC; [Jonette.A.Herman@us.ul.com](mailto:Jonette.A.Herman@us.ul.com)

BSR/UL 1004-3-200x, Standard for Safety for Thermally Protected Motors (Proposal dated 11-16-07) (new standard)

Proposes the first edition of UL 1004-3. UL 1004-3 applies to motors that rely upon a device (thermal motor protector) to prevent overheating.

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: Jonette Herman, UL-NC; [Jonette.A.Herman@us.ul.com](mailto:Jonette.A.Herman@us.ul.com)

BSR/UL 1004-4 -200x, Standard for Safety for Electric Generators  
(Proposal dated 11-16-07) (new standard)

Proposes the first edition of UL 1004-4. UL 1004-4 covers electric generators, sometimes referred to as generator heads, which, when coupled with prime movers, such as engines or electric motors, are used to produce electricity.

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: Jonette Herman, UL-NC;  
Jonette.A.Herman@us.ul.com

BSR/UL 1004-5-200x, Standard for Safety for Fire Pump Motors  
(Proposal dated 11-16-07) (new standard)

Proposes the first edition of UL 1004-5. UL 1004-5 covers Design B polyphase motors, as defined in NEMA MG 1, Motors and Generators, rated 500 horsepower (373 kW) or less, 600 volts or less, that are intended for use in accordance with NFPA 20, the Standard for the Installation of Centrifugal Fire Pumps.

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: Jonette Herman, UL-NC;  
Jonette.A.Herman@us.ul.com

### Revisions

BSR/UL 1581-200x, Standard for Safety - Reference Standard for Electrical Wires, Cables, and Flexible Cords (revision of ANSI/UL 1581-2006)

Covers the:

- Use of smaller mandrels;
- Nichrome support wire for repeated flame tests;
- Correction of char length;
- Deletion of tables containing redundant materials requirements;
- Revision to materials tables to revise SI units for tensile strength, delete fahrenheit temperature from temperature ratings, and delete class number for material identification;
- New 7-day aging requirements for 125 C EPDM and 90 C FRPE;
- Revision and deletion of requirements due to the publication of UL 2556; and
- Miscellaneous editorial changes.

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: Camille Alma, UL;  
Camille.A.Alma@us.ul.com

### Reaffirmations

BSR/UL 464-2003 (R200x), Audible Signal Appliances (reaffirmation of ANSI/UL 464-2003)

Covers:

- Electrically and electronically operated bells, buzzers, horns, and similar audible signal appliances, rated 300 volts or less, for general or fire-protective signaling service for indoor and/or outdoor locations;
- Audible signal appliances for use in ordinary locations; and
- Audible signal appliances for use in hazardous locations.

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: Kristin Andrews, UL-CA;  
Kristin.L.Andrews@us.ul.com

## 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:

### AISI (American Iron and Steel Institute)

BSR/AISI COFS/TABLES-2005, Cold-Formed Steel Framing - Load and Span Tables (new standard)

## Draft Standards for Trial Use

In accordance with Annex B: Draft American National Standards for trial use of the ANSI Essential Requirements, the availability of the following draft standard for trial use is announced:

### Trial use period: November 5, 2006 through May 2, 2008

#### HL7 (Health Level Seven)

BSR/HL7 V3 RCMR, R2-200x, HL7 V3 Standard: Medical Records/Information Management, Release 2 (TRIAL USE STANDARD) (trial use standard)

Addresses information requirements for the management of clinical documents and associated master files. It includes activities of the HL7 Structured Documents committee and the development of information structures surrounding electronic health records. Release 2 DSTU of this document adds queries to the current standard.

Single copy price: Free

Obtain an electronic copy from:

[http://www.hl7.org/documentcenter/ballots/2006sep/support/audit\\_sdo\\_v3\\_mr\\_r2\\_d2\\_2006sep\\_20061101013333.zip](http://www.hl7.org/documentcenter/ballots/2006sep/support/audit_sdo_v3_mr_r2_d2_2006sep_20061101013333.zip)

Send comments (with copy to BSR) to:

<http://www.hl7.org/dstucmts/index.cfm>

## Technical Reports Registered with ANSI

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject.

Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to the PSA Center, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or E-Mail to [psa@ansi.org](mailto:psa@ansi.org).

### Updated Draft and Public Review Extension

An incorrect version of BSR/ASHRAE Addendum k to ANSI/ASHRAE Standard 135-2004, BACnet—A Data Communication Protocol for Building Automation and Control Networks, was previously posted. The correct version is now posted and the public review has been extended to December 10, 2007. This proposed addendum adds support for one Character Encoding Form at a time. The rationale for this addendum is that "support" for character sets has not been well defined but is needed for interoperability. In addition, this addendum updates the standard to reflect the fact that the Japanese Industrial Standards Committee has changed the name of "JIS C 6226" to "JIS X 0208". The addendum can be downloaded for free from the ASHRAE website at <http://www.ashrae.org/technology/page/331>.

### Comment Deadline: December 16, 2007

#### ASSE (ASC A1264) (American Society of Safety Engineers)

BSR/ASSE TR-A1264.3-2007, Using Variable Angle Tribometers (VAT) for Measurement of the Slip Resistance of Walkway Surfaces (technical report)

Discusses the technical aspects, research, legislation, standards activities, and operation of the two widely-used Variable Angle Tribometers (VATs) commercially available for testing of walkway surface slip resistance: The Brungraber Mark II and the English XL.

Single copy price: \$42.00

Order from: Timothy Fisher, ASSE (ASC A1264); [tfisher@asse.org](mailto:tfisher@asse.org)

Send comments (with copy to BSR) to: Same

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

BSR/CGATS/GRACoL TR 006-2007, Graphic technology - Color characterization data for GRACoL proofing and printing on U.S. Grade 1 coated paper (technical report)

Provides color characterization data (the relationship between CMYK printing values and measured color on the printed sheet) for proofing and for sheet-fed printing on U.S. Grade 1 coated papers (ISO 12647-2, paper type 1).

Single copy price: \$10.00

Order from: Mary Abbott, NPES; [mabbott@npes.org](mailto:mabbott@npes.org)

Send comments (with copy to BSR) to: Same

## Corrections

### Information Missing from Scope

The 11/2/07 issue of Standards Action omitted in error one additional topic for the revision of BSR/UL 2201-200x. The additional topic is "(h) Revision to fuel tank requirements". Please note the comment deadline for will remain as December 17, 2007. Send comments (with copy to BSR) to: Heather Sakellariou, UL-IL; [Heather.Sakellariou@us.ul.com](mailto:Heather.Sakellariou@us.ul.com).

### Change in Single Copy Price of Standard

BSR/SAE Z26.1-2007 was listed in the Call-for-Comment section of the November 9, 2007 issue of Standards Action with the single copy price of \$39.00. SAE has decided to make this draft standard available free of charge. The comment deadline remains December 24, 2007. To place an order, contact the SAE Customer Service Department at (877) 606-7323.

# 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:

### ADA (ORGANIZATION)

American Dental Association  
211 E. Chicago  
Chicago, IL 60611  
Phone: 312-440-2533  
Fax: 312-440-2529  
Web: [www.ada.org](http://www.ada.org)

### API

American Petroleum Institute  
1220 L Street, NW  
Washington, DC 20005-4070  
Phone: (202) 682-8571  
Fax: (202) 962-4797

### 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)

### ASSE (Z590)

American Society of Safety  
Engineers  
1800 East Oakton Street  
Des Plaines, IL 60018-2187  
Phone: (847) 768-3411  
Fax: (847) 296-9221  
Web: [www.asse.org](http://www.asse.org)

### AWWA

American Water Works  
Association  
6666 West Quincy Avenue  
Denver, CO 80235  
Phone: (303) 347-6177  
Fax: (303) 795-7603  
Web:  
[www.awwa.org/asp/default.asp](http://www.awwa.org/asp/default.asp)

### comm2000

1414 Brook Drive  
Downers Grove, IL 60515

### EOS/ESD

ESD Association  
7900 Turin Road  
Rome, NY 13440  
Phone: 315-339-6937  
Fax: 315-339-6793  
Web: [www.esda.org](http://www.esda.org)

### Global Engineering Documents

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

### ICC

International Code Council  
4051 West Flossmoor Road  
Country Club Hills, IL 60478-5795  
Phone: (888) 422-7233  
Fax: (800) 214-7167  
Web: [www.iccsafe.org/index.html](http://www.iccsafe.org/index.html)

### IEEE

Institute of Electrical and  
Electronics Engineers (IEEE)  
445 Hoes Lane, PO Box 1331  
Piscataway, NJ 08855-1331  
Phone: (732) 465-582  
Fax: (732) 796-6966  
Web: [www.ieee.org](http://www.ieee.org)

### NPES (ASC CGATS)

ASC CGATS  
1899 Preston White Drive  
Reston, VA 20191  
Phone: (703) 264-7200  
Fax: (703) 620-0994  
Web:  
[www.npes.org/standards/cgats.html](http://www.npes.org/standards/cgats.html)

### 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)



## Send comments to:

### ADA (ORGANIZATION)

American Dental Association  
211 E. Chicago  
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Fax: 312-440-2529  
Web: [www.ada.org](http://www.ada.org)

### API

American Petroleum Institute  
1220 L Street, NW  
Washington, DC 20005-4070  
Phone: (202) 682-8571  
Fax: (202) 962-4797

### ASABE

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and Biological Engineers  
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St Joseph, MI 49085  
Phone: (269) 429-0300  
Web: [www.asabe.org](http://www.asabe.org)

### ASSE (Z590)

American Society of Safety  
Engineers  
1800 East Oakton Street  
Des Plaines, IL 60018-2187  
Phone: (847) 768-3411  
Fax: (847) 296-9221  
Web: [www.asse.org](http://www.asse.org)

### AWWA

American Water Works  
Association  
6666 West Quincy Avenue  
Denver, CO 80235  
Phone: (303) 347-6177  
Fax: (303) 795-7603  
Web:  
[www.awwa.org/asp/default.asp](http://www.awwa.org/asp/default.asp)

### EIA

Electronic Industries Alliance  
2500 Wilson Blvd., Suite 300  
Arlington, VA 22201-3834  
Phone: (703) 907-8026  
Fax: (703) 907-7549  
Web: [www.eia.org](http://www.eia.org)

### EOS/ESD

ESD Association  
7900 Turin Road  
Rome, NY 13440  
Phone: 315-339-6937  
Fax: 315-339-6793  
Web: [www.esda.org](http://www.esda.org)

### HL7

Health Level Seven  
3300 Washtenaw Avenue,  
Suite 227  
Ann Arbor, MI 48104-4250  
Phone: (734) 677-7777 x104  
Fax: (734) 677-6622  
Web: [www.hl7.org](http://www.hl7.org)

### ICC

International Code Council  
4051 West Flossmoor Road  
Country Club Hills, IL 60478-5795  
Phone: (888) 422-7233  
Fax: (800) 214-7167  
Web: [www.iccsafe.org/index.html](http://www.iccsafe.org/index.html)

### IEEE

Institute of Electrical and  
Electronics Engineers (IEEE)  
445 Hoes Lane, PO Box 1331  
Piscataway, NJ 08855-1331  
Phone: (732) 465-582  
Fax: (732) 796-6966  
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) 626-5746  
Fax: (202) 638-4922  
Web: [www.incits.org](http://www.incits.org)

### LIA (ASC Z136)

Laser Institute of America  
13501 Ingenuity Drive, Suite 128  
Orlando, FL 32826  
Phone: (407) 380-1553 x28  
Fax: (407) 380-5588  
Web: [www.laserinstitute.org](http://www.laserinstitute.org)

### NPES (ASC CGATS)

ASC CGATS  
1899 Preston White Drive  
Reston, VA 20191  
Phone: (703) 264-7200  
Fax: (703) 620-0994  
Web:  
[www.npes.org/standards/cgats.html](http://www.npes.org/standards/cgats.html)

### 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)

### SCTE

Society of Cable  
Telecommunications Engineers  
140 Phillips Road  
Exton, PA 19341  
Phone: (610) 524-1725 x204  
Fax: (610) 363-5898  
Web: [www.scte.org](http://www.scte.org)

### UL

Underwriters Laboratories, Inc.  
1285 Walt Whitman Road  
Melville, NY 11747  
Phone: (631) 271-6200  
Web: [www.ul.com/](http://www.ul.com/)

### 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) 664-2850  
Fax: (847) 313-2850

### UL-NC

Underwriters Laboratories, Inc.  
12 Laboratory Drive  
Research Triangle Park, NC  
27709  
Phone: (919) 549-1400 x11479  
Fax: (919) 547-6179

### UL-NY

Underwriters Laboratories  
1285 Walt Whitman Road  
Melville, NY 11747-3081  
Phone: (631) 271-6200 ext. 22593  
Fax: (631) 439-6021

# 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)

### Revisions

ANSI/AAMI/ISO 10993-12-2007, Biological evaluation of medical devices - Part 12: Sample preparation and reference materials (revision of ANSI/AAMI/ISO 10993-12-2002): 11/8/2007

## AHAM (Association of Home Appliance Manufacturers)

### New Standards

ANSI/AHAM TC-1-2007, Method for Measuring Performance of Household Trash Compactors (new standard): 11/8/2007

## API (American Petroleum Institute)

### New National Adoptions

ANSI/API RP 19D/ISO 13503-5, 1st Edition-2007, Recommended Practice for Measuring the Long-Term Conductivity of Proppants (identical national adoption of ISO 13503-5:2006): 11/8/2007

## ASA (ASC S3) (Acoustical Society of America)

### Reaffirmations

ANSI S3.46-1997 (R2007), Methods of Measurement of Real-Ear Performance Characteristics of Hearing Aids (reaffirmation of ANSI S3.46-1997 (R2002)): 11/13/2007

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

### New Standards

ANSI/ASABE EP400.3-2007, Designing and Constructing Irrigation Wells (new standard): 11/7/2007

### Revisions

ANSI/ASABE S397.3-2007, Electrical Service and Equipment for Irrigation (revision of ANSI/ASAE S397.2-FEB93 (RAPR2003)): 11/7/2007

### Withdrawals

ANSI/ASAE S547-DEC 2002, Tip Over Protective Structures (TIPS) for Front Wheel Drive Turf and Landscape Equipment (withdrawal of ANSI/ASAE S547-DEC 2002): 11/7/2007

## ASME (American Society of Mechanical Engineers)

### New Standards

ANSI/ASME B107.66M-2007, Ratcheting Box Wrenches (new standard): 11/8/2007

### Revisions

ANSI/ASME B107.1-2007, Socket Wrenches, Hand (revision of ANSI/ASME B107.1-2002): 11/8/2007

ANSI/ASME B107.8-2007, Adjustable Wrenches (revision of ANSI/ASME B107.8-2003): 11/8/2007

ANSI/ASME B107.24-2007, Pliers: Locking, Clamp, and Tubing Pinch-off (revision, redesignation and consolidation of ANSI/ASME B107.36-2002, ANSI/ASME B107.24-2002): 11/8/2007

ANSI/ASME B107.25-2007, Pliers - Performance Test Methods (revision of ANSI/ASME B107.25-2002): 11/8/2007

ANSI/ASME B107.37-2007, Pliers: Wire Cutters/Strippers (revision of ANSI/ASME B107.37-2003): 11/8/2007

ANSI/ASME B107.58-2007, Riveting, Scaling, and Tinner's Setting Hammers (revision and redesignation of ANSI/ASME B107.58M-1998 (R2005)): 11/7/2007

## ATIS (Alliance for Telecommunications Industry Solutions)

### Reaffirmations

ANSI T1.231.01-2003 (R2007), Digital Subscriber Line (DSL) - Layer 1 In-Service Digital Transmission Performance (reaffirmation of ANSI T1.231.01-2003): 11/12/2007

ANSI T1.231.02-2003 (R2007), DS1 - Layer 1 In-Service Digital Transmission Performance (reaffirmation of ANSI T1.231.02-2003): 11/12/2007

ANSI T1.231.03-2003 (R2007), DS3 - Layer 1 In-Service Digital Transmission Performance (reaffirmation of ANSI T1.231.03-2003): 11/12/2007

ANSI T1.231.04-2003 (R2007), SONET - Layer 1 In-Service Digital Transmission Performance (reaffirmation of ANSI T1.231.04-2003): 11/12/2007

### Withdrawals

ANSI T1.259-1997, STASE-ROSE (withdrawal of ANSI T1.259-1997 (R2003)): 11/12/2007

## AWS (American Welding Society)

### Reaffirmations

ANSI/AWS A5.10/A5.10M-1999 (R2007), Specification for Bare Aluminum and Aluminum-Alloy Welding Electrodes and Rods (reaffirmation of ANSI/AWS A5.10/A5.10M-1999): 11/8/2007

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

### New Standards

ANSI/ESD SP5.5.2-2007, Practice for the Protection of Electrostatic Discharge Susceptible Items - Electrostatic Discharge Sensitivity Testing Very Fast Transmission Line Pulse (VF-TLP) - Component Level (new standard): 11/12/2007

### Revisions

ANSI/ESD STM5.1-2007, Test Method for Electrostatic Discharge Sensitivity Testing - Human Body Model (HBM) - Component Level (revision of ANSI/ESD STM5.1-2003): 11/12/2007

## FM (FM Approvals)

### New Standards

ANSI FM 5560-2007, Water Mist Systems for Fire Protection (new standard): 11/6/2007

## HFES (Human Factors & Ergonomics Society)

### New Standards

ANSI/HFES 100-2007, Human Factors Engineering of Computer Workstations (new standard): 11/6/2007

**ISA (ISA)*****New National Adoptions***

ANSI/ISA 75.01.01 (IEC 60534-2-1 Mod)-2007, Flow Equations for Sizing Control Valves (identical national adoption and revision of ANSI/ISA 75.01.01-2002): 11/7/2007

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

ANSI/NCPDP SCV10.2-2007, SCRIPT Standard Implementation Guide Version 10.2 (revision and redesignation of ANSI/NCPDP SC V10.1-2007): 11/8/2007

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

ANSI CGATS/ISO 15790-2005 (R2007), Graphic technology and photography - Certified reference materials for reflection and transmission metrology - Documentation and procedures for use, including determination of combined standard uncertainty (reaffirmation of ANSI CGATS/ISO 15790-2005): 11/8/2007

ANSI CGATS/ISO 15930-3-2004/ISO 15930-3-2002 (R2007), Graphic technology- Prepress digital data exchange - Use of PDF - Part 3: Complete exchange suitable for color-managed workflows (PDF/X-3) (reaffirmation of ANSI CGATS/ISO 15930-3-2004/ISO 15930-3-2002): 11/8/2007

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

ANSI/NSF 173-2007 (i22), Dietary Supplements (revision of ANSI/NSF 173-2006): 11/13/2007

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

ANSI/RESNA ASE-1-2007, Adaptive Sports Equipment - Volume 1: Winter Sports Equipment (new standard): 11/8/2007

**SCTE (Society of Cable Telecommunications Engineers)*****New Standards***

ANSI/SCTE 47-2007, Test Method for Coaxial Cable Attenuation (new standard): 11/8/2007

ANSI/SCTE 93-2007, Test Method for Connector/Cable Twist (new standard): 11/8/2007

***Reaffirmations***

ANSI/SCTE 73-2002 (R2007), Test Method for Insertion Force of Connector to Drop Cable Interface (reaffirmation of ANSI/SCTE 73-2002): 11/8/2007

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

ANSI/UL 1047-2003 (R2007), Isolated Power Systems Equipment (reaffirmation of ANSI/UL 1047-2003): 11/7/2007

***Revisions***

ANSI/UL 498-2007, Standard for Safety for Attachment Plugs and Receptacles (Proposal dated September 7, 2007) (revision of ANSI/UL 498-2007): 11/13/2007

# 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 60601-2-27-200x, Medical electrical equipment - Part 2-27: Particular requirements for basic safety and essential performance of electrocardiographic monitoring equipment (identical national adoption and revision of ANSI/AAMI EC13-2002)

Stakeholders: Manufacturers and users of electrocardiographic monitoring equipment.

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

Specifies the particular basic safety requirements and essential performance for electrocardiographic (ECG) monitoring equipment used in a hospital environment.

## ADA (American Dental Association)

**Office:** 211 East Chicago Avenue  
Chicago, IL 60611-2678

**Contact:** Sharon Stanford

**Fax:** (312) 440-2529

**E-mail:** [stanfords@ada.org](mailto:stanfords@ada.org)

BSR/ADA Specification No. 101-200x, Root Canal Instruments: General Requirements (revision of ANSI/ADA 101-2001)

Stakeholders: Dentists, manufacturers, dental profession.

Project Need: To revise the specification to reflect the general requirements for all Endodontic instruments.

Expands the instrument list to include, in addition to the current cleaning instruments, instruments used for all phases of the Endodontic root canal therapy.

## ANS (American Nuclear Society)

**Office:** 555 North Kensington Avenue  
La Grange Park, IL 60525

**Contact:** Patricia Schroeder

**Fax:** (708) 352-6464

**E-mail:** [pschroeder@ans.org](mailto:pschroeder@ans.org)

BSR/ANS 10.4-200x, Verification and Validation of Non-Safety-Related Scientific and Engineering Computer Programs for the Nuclear Industry (revision of ANSI/ANS 10.4-1987 (R1998))

Stakeholders: Developers and users of non-safety, non-real-time software for the nuclear industry.

Project Need: To update the standard to address current terminology and practice. The scope will be restricted to ensure that it is used solely for research and other non-safety, non-critical applications.

Provides guidelines for the verification and validation (V&V) of non-safety-related scientific and engineering computer programs developed for use by the nuclear industry. The scope is restricted to research and other non-safety-related, non-critical applications.

BSR/ANS 10.7-200x, Non-Real Time, High-Integrity Software for the Nuclear Industry (new standard)

Stakeholders: Developers and users of software for the nuclear

Project Need: To improve high-integrity, non-real-time safety analysis, design, simulation software to reduce or avoid critical errors.

Addresses the rigorous, systematic development of high-integrity, non-real-time safety analysis, design, simulation software that includes calculations or simulations that can have critical consequences if errors are not detected, but that are so complex that typical peer reviews are not likely to identify errors.

BSR/ANS 19.12-200x, Nuclear Data for Isotope Production Calculations for Medical and Other Applications (new standard)

Stakeholders: Isotope producers; medical, industrial, and other researchers; radiopharmaceutical manufacturers.

Project Need: To improve nuclear data files that are required to perform calculations of isotope production.

Establishes criteria for developing evaluated neutron cross-section and branching ratio data for isotope production pathways for fast and thermal reactor systems, providing the data needed to calculate production of the desired medical and other isotopes and associated impurities.

**API (American Petroleum Institute)**

**Office:** 1220 L Street, NW  
Washington, DC 20005-4070

**Contact:** David Soffrin

**Fax:** (202) 682-8051

**E-mail:** soffrind@api.org

BSR/API Recommended Practice 2350-200x, Overfill Protection for Storage Tanks in Petroleum Facilities (new standard)

Stakeholders: Oil companies, tank and associated equipment suppliers, terminal operators, pipeline companies.

Project Need: To provide guidelines for the prevention of petroleum storage tank overfills and the associated safety and environmental hazards, loss of inventory and damage to tanks and adjacent areas.

Provides guidance on the avoidance of overfills of aboveground petroleum storage tanks associated with marketing, refining, pipeline and similar facilities containing Class I or Class II petroleum liquids. The objective is to minimize product overflows that can result in environmental and safety hazards, loss of inventory and damage to tanks and adjacent areas.

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

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

**Contact:** Carla VanGilder

**E-mail:** vangilder@asabe.org

BSR/ASABE S300.4-200x, Milking machines installations - Vocabulary (new standard)

Stakeholders: Manufactures of milking equipment.

Project Need: To adopt an International Standard in place of the national standard in order to establish harmonization of the ASABE standard with International Standards.

Defines terms to use in research work, official regulations, design, manufacture, installation and use of milking machines for cows, water buffaloes, sheep, goats or other mammals used for milk production. The term 'cow' in this document generally is referring to female dairy cattle; however, for simplicity in not needing to list all female dairy animals (doe, ewe, etc.) it is sometimes used to refer to female dairy animals in general.

BSR/ASABE S376.3-200x, Design, Installation and Performance of Underground, Thermoplastic Irrigation Pipelines (revision of ANSI/ASAE S376.2-JAN98 (RFE04))

Stakeholders: Manufacturers of thermoplastic pipe for irrigation, designers and consultants, users.

Project Need: To revise this standard to include provision, specifications, and requirements for some pipe materials not currently included, namely high-density polyethylene (HDPE).

Applies to underground, thermoplastic pipelines used in the conveyance of irrigation water to the point of distribution and may or may not apply to potable water systems.

**ASTM (ASTM International)**

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

**Contact:** Helene Skloff

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

BSR/ASTM Z4118Z/WK17109-200x, Specification for Autoclaved Aerated Concrete (AAC) (new standard)

Stakeholders: Precast Concrete Products Industry.

Project Need: To standardize the raw materials used in the production of autoclaved aerated concrete.

Covers autoclaved aerated concrete (AAC), a cementitious product based on calcium silicate hydrates in which low density is attained by the inclusion of an agent resulting in macroscopic voids and is subjected to high-pressure steam curing.

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

**Office:** 1200 G Street NW, Ste 500  
Washington, DC 20005

**Contact:** Kerrienne Conn

**Fax:** 202-347-7125

**E-mail:** kconn@atis.org

BSR/ATIS 0300255-200x, In-Service, Nonintrusive Measurement Device (INMD) - Methodology for Applying INMD Measurements to Customer Opinion Models (revision of ANSI T1.255-2003)

Stakeholders: Telecommunications Industry.

Project Need: To allow INMD measurements to be used to evaluate the performance of telecommunications connections and services and to detect speech level, noise, and echo anomalies on telecommunications connections.

This document is intended for use as the North American standard for mapping measurements made with In-Service, Nonintrusive Measurement Devices (INMDs) to the parameters used in customer opinion models for voice services.

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

**Office:** 8501 East Pleasant Valley Road  
Cleveland, OH 44131-5575

**Contact:** Allen Callahan

**Fax:** (216) 642-3463

**E-mail:** al.callahan@csa-america.org

ANSI/CSA America, Inc., Pressure Relief Devices for Hydrogen Gas Vehicle (HGV) Fuel Containers (new standard)

Stakeholders: Consumers, manufacturers, gas suppliers, certification agencies.

Project Need: For safety.

Establishes minimum requirements for pressure relief devices intended for use on fuel containers that comply with ANSI CSA HGV2 and/or CSA B51, Part 2; SAE J2579; or ISO DIS 15869.2.

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

**Office:** 7900 Turin Road  
Rome, NY 13440

**Contact:** Bridget Schneegas

**Fax:** 315-339-6793

**E-mail:** bschneegas@esda.org

BSR/ESD DSTM5.5.1-200x, Test Method for the Protection of Electrostatic Discharge Susceptible Items - Electrostatic Discharge Sensitivity Testing Transmission Line Pulse (TLP) - Component Level (revision and redesignation of ANSI/ESD SP 5.5.1-2004)

Stakeholders: Electronics industry including telecom, consumer, medical and industrial.

Project Need: To establish a methodology for both testing and reporting information associated with TLP testing.

Defines a method for pulse testing to evaluate the voltage current response of the component under test. This technique is known as transmission line pulse (TLP) testing. The context of this document is the application of TLP techniques for the electrical characterization of semiconductor components.

**ISA (ISA)**

**Office:** 67 Alexander Drive  
Research Triangle Park, NC 27709

**Contact:** *Eliana Beattie*

**Fax:** (919) 549-8288

**E-mail:** [ebeattie@isa.org](mailto:ebeattie@isa.org)

BSR/ISA 60079-5 (12.00.04)-200x, Electrical Apparatus for Use in Class I, Zone 1 Hazardous (Classified) Locations: Type of Protection - Powder Filling "q" (national adoption with modifications of IEC 60079-5)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide for human, equipment, and location safety.

Contains specific requirements for the construction, testing and marking of electrical equipment, parts of electrical equipment and Ex components in the type of protection powder filling "q", intended for use in explosive gas atmospheres.

BSR/ISA 60079-6 (12.00.05)-200x, Electrical Apparatus for Use in Class I, Zone 1 Hazardous (Classified) Locations Type of Protection - Oil Immersion "o" (national adoption with modifications of IEC 60079-6)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide for human, equipment, and location safety.

Specifies the requirements for the construction and testing of oil-immersed electrical equipment, oil-immersed parts of electrical equipment and Ex components in the type of protection oil immersion "o", intended for use in explosive gas atmospheres.

**NEMA (ASC C18) (National Electrical Manufacturers Association)**

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

**Contact:** *Eric Schweitzer*

**Fax:** (703) 841-3376

**E-mail:** [Eric.Schweitzer@NEMA.org](mailto:Eric.Schweitzer@NEMA.org); [Jea\\_French@nema.org](mailto:Jea_French@nema.org)

BSR C18.1M, Part 2-200x, Portable Primary Cells and Batteries with Aqueous Electrolyte - Safety Standard (revision of ANSI C18.1M, Part 2-2003)

Stakeholders: Portable primary cells and batteries manufacturers, users/consumers, general interest parties.

Project Need: To include chemistries and newer dimensions for portable primary cells and batteries with aqueous electrolyte.

Specifies performance requirements for portable primary batteries with aqueous electrolyte and a zinc anode (non-lithium) to ensure their safe operation under normal use and reasonable foreseeable misuse.

# 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
- MHI (ASC MH10)
- NBBPVI
- NCPDP
- NSF International
- 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 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 11201, Acoustics - Noise emitted by machinery and equipment - Measurement of emission sound pressure levels at a work station and at other specified positions in an essentially free field over a reflecting plane with negligible environmental corrections - 2/8/2008, \$98.00

ISO/DIS 11202, Acoustics - Noise emitted by machinery and equipment - Measurement of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections - 2/8/2008, \$107.00

ISO/DIS 11204, Acoustics - Noise emitted by machinery and equipment - Measurement of emission sound pressure levels at a work station and at other specified positions applying accurate environmental corrections - 2/8/2008, \$102.00

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

ISO/DIS 16053, Paints and varnishes - Coating materials and coating systems for exterior wood - Natural weathering test - 2/14/2008, \$82.00

## **QUANTITIES, UNITS, SYMBOLS, CONVERSION FACTORS (TC 12)**

ISO/DIS 80000-11, Quantities and units - Part 11: Characteristic numbers - 2/14/2008, \$46.00

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

ISO/DIS 19250, Water quality - Determination of Salmonella species - 2/14/2008, \$82.00



# Newly Published ISO Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization. Most are available at the ANSI Electronic Standards Store (ESS) at [www.ansi.org](http://www.ansi.org). All paper copies are available from Global Engineering Documents.

## BASES FOR DESIGN OF STRUCTURES (TC 98)

[ISO 10137:2007](#), Bases for design of structures - Serviceability of buildings and walkways against vibrations, \$117.00

[ISO 22111:2007](#), Bases for design of structures - General requirements, \$87.00

## DENTISTRY (TC 106)

[ISO 14801:2007](#), Dentistry - Implants - Dynamic fatigue test for endosseous dental implants, \$54.00

## LIFTS, ESCALATORS, PASSENGER CONVEYORS (TC 178)

[ISO 7465:2007](#), Passenger lifts and service lifts - Guide rails for lift cars and counterweights - T-type, \$71.00

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

[ISO 10424-2:2007](#), Petroleum and natural gas industries - Rotary drilling equipment - Part 2: Threading and gauging of rotary shouldered thread connections, \$160.00

## MECHANICAL VIBRATION AND SHOCK (TC 108)

[ISO 8041/Cor1:2007](#), Human response to vibration - Measuring instrumentation - Corrigendum, FREE

## METALLIC AND OTHER INORGANIC COATINGS (TC 107)

[ISO 9587:2007](#), Metallic and other inorganic coatings - Pretreatment of iron or steel to reduce the risk of hydrogen embrittlement, \$35.00

## OTHER

[ISO 24497-1:2007](#), Non-destructive testing - Metal magnetic memory - Part 1: Vocabulary, \$35.00

[ISO 24497-2:2007](#), Non-destructive testing - Metal magnetic memory - Part 2: General requirements, \$41.00

[ISO 24497-3:2007](#), Non-destructive testing - Metal magnetic memory - Part 3: Inspection of welded joints, \$61.00

## PAPER, BOARD AND PULPS (TC 6)

[ISO 8791-4:2007](#), Paper and board - Determination of roughness/smoothness (air leak methods) - Part 4: Print-surf method, \$87.00

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

[ISO 9967:2007](#), Thermoplastics pipes - Determination of creep ratio, \$61.00

## PLASTICS (TC 61)

[ISO 6721-9/Amd1:2007](#), Plastics - Determination of dynamic mechanical properties - Part 9: Tensile vibration - Sonic-pulse propagation method - Amendment 1: Precision, \$14.00

## SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 18072-1:2007](#), Ships and marine technology - Ship structures - Part 1: General requirements for their limit state assessment, \$112.00

[ISO 20858:2007](#), Ships and marine technology - Maritime port facility security assessments and security plan development, \$102.00

## SMALL TOOLS (TC 29)

[ISO 10907-2:2007](#), Tools for moulding - Locating rings - Part 2: Locating rings for mounting with thermal insulating sheets in small or medium moulds (types C and D), \$48.00

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

[ISO 860:2007](#), Terminology work - Harmonization of concepts and terms, \$77.00

## TIMBER STRUCTURES (TC 165)

[ISO 21887:2007](#), Durability of wood and wood-based products - Use classes, \$41.00

## WATER QUALITY (TC 147)

[ISO 23893-1:2007](#), Water quality - Biochemical and physiological measurements on fish - Part 1: Sampling of fish, handling and preservation of samples, \$77.00

## WOOD-BASED PANELS (TC 89)

[ISO 12466-1:2007](#), Plywood - Bonding quality - Part 1: Test methods, \$71.00

[ISO 12466-2:2007](#), Plywood - Bonding quality - Part 2: Requirements, \$35.00

## ISO Technical Specifications

### NON-DESTRUCTIVE TESTING (TC 135)

[ISO/TS 22809:2007](#), Non-destructive testing - Discontinuities in specimens for use in qualification examinations, \$77.00

### WATER QUALITY (TC 147)

[ISO/TS 23893-2:2007](#), Water quality - Biochemical and physiological measurements on fish - Part 2: Determination of ethoxyresorufin-O-deethylase (EROD), \$71.00

## ISO/IEC JTC 1, Information Technology

[ISO/IEC 13818-1/Amd1:2007](#), Information technology - Generic coding of moving pictures and associated audio information: Systems - Amendment 1: Transport of MPEG-4 streaming text and MPEG-4 lossless audio over MPEG-2 systems, \$14.00



ISO/IEC 13818-7/Amd1:2007, Information technology - Generic coding of moving pictures and associated audio information - Part 7: Advanced Audio Coding (AAC) - Amendment 1: Transport of MPEG Surround in AAC, \$14.00

ISO/IEC 15944-4:2007, Information technology - Business Operational View - Part 4: Business transaction scenarios - Accounting and economic ontology, \$139.00

# 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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## American National Standards

### INCITS Executive Board

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

#### Call for Members

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).

## Tentative Interim Amendments (TIAs)

### Comments Sought for NFPA 25

#### Comment Deadline: December 14, 2007

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

#### **NFPA 25-2008**

Standard for the Inspection, Testing and Maintenance of Water Based Fire Protection Systems

TIA Log No. 897

Reference: Section 13.8

Comment Closing Date: December 14, 2007

Submitter: Terry L. Victor, Tyco/Simplex/Grinnell, Columbia, MD

Reference: Section 13.8 and Table 13.8.1 Component Action Requirements.

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.

## ANSI Accredited Standards Developers

### Approval of Reaccreditation

#### ASC Z80 – Ophthalmic Standards

ANSI's Executive Standards Council has approved the reaccreditation of Accredited Standards Committee Z80, Ophthalmic Standards, under its revised 2007 operating procedures, effective November 8, 2007. For additional information, please contact the Secretariat of ASC Z80: Ms. Kris Dinkle, ASC Z80 Coordinator, Optical Laboratories Association, 11096-A Lee Highway, Suite 101; Fairfax, VA 22030-5014; PHONE: (703) 359-2830; FAX: (703) 359-2834; E-mail: [kdinkle@ola-labs.org](mailto:kdinkle@ola-labs.org).

#### Reaccreditation

### National Information Standards Organization (NISO)

#### Comment Deadline: December 17, 2007

The National Information Standards Organization (NISO) has submitted revised operating procedures for documenting consensus on proposed American National Standards. As these revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of NISO's revised operating procedures, or to offer comments, please contact: Ms. Karen A. Wetzel, Standards Program Manager, National Information Standards Organization, One North Charles Street, Suite 1905, Baltimore, MD 21201; PHONE: (301) 654-2512; FAX: (410) 685-5278; E-mail: [kwetzel@niso.org](mailto:kwetzel@niso.org). You may view/download a copy of the revisions during the public review period at the following URL:

<http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fAccreditation%20Actions&View=%7b21C60355%2dA090%2dBABEEC5D7C60%7d>

Please submit any comments to NISO by December 17, 2007, with a copy to the ExSC Recording Secretary in ANSI's New York Office (FAX: (212) 840-2298; E-mail: [Jthompo@ANSI.org](mailto:Jthompo@ANSI.org)).

# International Organization for Standardization (ISO)

## Call for International (ISO) Secretariat

### ISO/TC 46/SC 9 – Information and Documentation - Identification and Description

#### Comment Deadline: November 19, 2007

ANSI has been advised the National Information Standards Organization (NISO) wishes to serve as delegated ANSI Secretariat for the above ISO subcommittee which Canada (SCC) wishes to relinquish.

This SC is covered by the scope of the main Technical Committee (ISO/TC 46), having the following scope:

Standardization of practices relating to libraries, documentation and information centres, indexing and abstracting services, archives, information science and publishing.

Anyone wishing to comment on the delegation of the International Secretariat to NISO, please contact Henrietta Scully of ANSI via E-mail at [hscully@ansi.org](mailto:hscully@ansi.org), by November 19th.

## Call for New International Secretariat

### ISO/TC 41/SC 3 - Pulleys and belts (including vee belts) – Conveyor belts

#### Comment Deadline: December 14, 2007

The Member Bodies of ISO have been contacted regarding the re-allocation, from the United Kingdom (BSI), of the Secretariat of ISO/TC 41/SC 3.

This Subcommittee is covered by the scope of the main Technical Committee (ISO/TC 41), having the following scope:

Standardization in the field of pulleys and belt drives, particularly grooved pulleys and veebelts, and flat pulleys and belts, including dimensions of pulley hubs; cable drives; driving flywheels. Standardization in the field of conveyor belts

Information concerning the United States undertaking the role of international secretariat for this ISO subcommittee may be obtained by contacting Henrietta Scully at ANSI via E-mail: [hscully@ansi.org](mailto:hscully@ansi.org), by December 14, 2007.

## Call for Administrator

### US ISO Technical Advisory Group (TAG) on Solid Biofuels

#### Comment Deadline: December 7, 2007

ISO's Technical Management Board (TMB) is in process of establishing a new ISO Technical Committee (TC) on Solid Biofuels with Sweden (SIS) as the international secretariat.

The proposed scope of this technical committee is as follows:

Standardization in the field of solid biofuels shall be within the following scope:

- Products from agriculture and forestry;
- Vegetable waste from agriculture and forestry;
- Vegetable waste from the food processing industry;
- Wood waste, with the exception of wood waste that may contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coating, and which includes in particular wood waste originated from construction and demolition waste;
- Fibrous vegetable waste from virgin pulp production and from production of paper from pulp, if it is co incinerated at the place of production and heat generated is recovered;
- Cork waste.

In accordance with ANSI Procedure, when the US assumes Participating (P) status in an ISO Technical Committee/Subcommittee, there is established a Technical Advisory Group (TAG) with an ANSI Member serving as Administrator.

Any organization wishing to be considered as Administrator of a US TAG for Solid Biofuels, or anyone interested in serving on the US TAG, please contact Henrietta Scully at ANSI via E-mail: [hscully@ansi.org](mailto:hscully@ansi.org), by December 7, 2007.

## Change of Delegated International (ISO) Secretariat

### ISO/TC 28 – Petroleum Products and Lubricants

#### Comment Deadline: December 3, 2007

ANSI has been advised that the Accredited US Technical Advisory Group (TAG) for ISO/TC 28 unanimously approved the transfer of the US Delegated ISO Secretariat for Technical Committee 28 from the American Petroleum Institute (API) to ASTM International.

This TC is covered by the following scope:

Standardization of terminology, classification, specifications, methods of sampling, measurement, analysis and testing for:

- Petroleum;
- Petroleum products;
- Petroleum based lubricants and hydraulic fluids;
- Non-petroleum based liquid fuels;
- Non-petroleum based lubricants and hydraulic fluids.

Anyone wishing to comment on the delegation of the International Secretariat to ASTM, please contact Henrietta Scully at ANSI via E-mail: [hscully@ansi.org](mailto:hscully@ansi.org), by December 3, 2007.

## Request for Delegated International (ISO) Secretariat

### ISO/TC 28/SC 7 – Petroleum Products and Lubricants – Liquid Biofuels

#### Comment Deadline: December 3, 2007

ANSI has been requested by ASTM to serve as the Delegated ISO Secretariat for the recently established Subcommittee (SC) 7 within Technical Committee (TC) 28.

The SC is covered under the scope of the Technical Committee which is as follows:

Standardization of terminology, classification, specifications, methods of sampling, measurement, analysis and testing for:

- Petroleum;
- Petroleum products;
- Petroleum based lubricants and hydraulic fluids;
- Non-petroleum based liquid fuels;
- Non-petroleum based lubricants and hydraulic fluids.

Anyone wishing to comment on the delegation of the International Secretariat to ASTM, please contact Henrietta Scully at ANSI via E-mail: [hscully@ansi.org](mailto:hscully@ansi.org), by December 3, 2007.

## U.S. National Committee/International Electrotechnical Commission (USNC/IEC)

### USNC COPANT TAG

#### COPANT TC-151 and COPANT TC-152

Mr Gene Eckhart of the National Electrical Manufacturers Association (NEMA) serves as Administrator of a USNC TAG the purpose of which is to provide US interface with two Technical Committees of COPANT (the PAN AMERICAN STANDARDS COMMISSION). An effort is currently underway to encourage participation in these TAGs by US companies and organizations that may be interested and affected by their activities. These TCs are as follows:

#### COPANT TC-151 - Electrotechnology

Scope: Prepare COPANT Pan-American Standards for the electrotechnic sector, considering the requirements of the countries of the region as well as help that these are contemplated in the International Electrotechnical Commission, IEC.

and

#### COPANT TC-152 - Energy Efficiency

Scope: Standardization in the field of electric energy conservation and energy efficiency relating to terminology, requirements, testing methods, performance and overview.

#### Proposed activities of the TAG

1. Monitor the projects of these two COPANT committees.
2. Review proposed standards.
3. Submit US comments where appropriate.

#### Proposed procedures:

1. Administrator will receive all correspondence from the respective technical committees.
2. Distribution will be directed to TAG members whose industry is affected by the specific piece of correspondence, labeled either "ACTION REQUIRED" or "INFORMATION," with copies to all TAG members.
3. Administrator will submit US comments to the respective COPANT committee via ANSI, the official U.S. member body of COPANT.

#### Current Issues:

1. TC-151 continues to work on issuing a version of IEC 60335-1, Edition 4.1, 2004 (Edition 4.2, 2006 is the latest), Household and Similar Electrical Appliances – Safety, Part 1, General Requirements.
2. TC-152 is very active, and is working on a variety of proposed projects, including clothes washing machines, electric motors, air conditioners, fluorescent lamps, hot water heaters, instantaneous hot water heaters, and reactors for gas discharge lamps. Reports of the recent meetings in Rio de Janeiro have been distributed to the appropriate trade associations.
3. The next COPANT General Assembly will take place in Buenos Aires, Argentina. Generally the various technical committees do not meet at the same time as the General Assembly.

If anyone has an interest in joining this USNC/IEC COPANT TAG, please contact the following:

Mr Gene Eckhart  
National Electrical Manufacturers Association (NEMA)  
PHONE: 703 841 3204  
E-Mail: [Gen\\_Eckhart@nema.org](mailto:Gen_Eckhart@nema.org)

with a copy to:

Charles T Zegers  
General Secretary, USNC/IEC  
ANSI  
PHONE: 212 642 4965  
E-Mail: [czegers@ansi.org](mailto:czegers@ansi.org)

## **BSR Z136.7-200x**

### **4.3 Laser Characterization.**

The laser shall be characterized prior to material testing such that the irradiance/radiant exposure at the sample is determined. The protocol shall take into account, at the minimum, the following laser parameters:

- Wavelength
- Average power (CW tests)
- Polarization
- Pulse energy (Pulsed tests)
- Pulse repetition frequency (PRF)
- Spatial profile (Both CW, Pulsed)
- Temporal profile (Pulsed tests)

**BSR/UL 201-200X PROPOSALS**

9.2.2 Printed wiring board material for use in garage equipment shall have a flammability rating of V-1 minimum.

*Exception: This requirement does not apply to:*

- a) Components meeting the flammability requirements of a relevant component standard which includes such requirements;*
- b) Meter cases, meter faces, and indicator lamps that are part of a separate and distinct accessory;*
- c) Gears, cams, belts, bearings, and other small parts which would contribute negligible fuel to a fire provided they are separated from electrical parts, that under a fault condition would be likely to produce temperatures that could cause ignition, by 13 mm (1/2 inch) of air;*
- d) Tubing for air or fluid systems provided they are of flammability class HB or HBF or better;*
- e) Integrated circuit packages, transistor packages, optocoupler packages, capacitors, and other small parts mounted on a material of flammability class V-1 or better; and*
- f) Inflatable air bags used in dynamometers for raising and lowering the automobile onto the dynamometer, provided they are of flammability class HB or HBF or better and they are separated from electrical parts, that under a fault condition would be likely to produce temperatures that could cause ignition, by 13 mm (1/2 inch) of air.*

9.2.1 ~~Except~~ Accept as specified elsewhere in this standard, all materials shall comply with one of the following:

- a) They shall have a flammability rating of V-2 or better; or
- b) They shall have a flammability rating of HF-2 or better.

Exception: This requirement does not apply to:

- a) Components meeting the flammability requirements of a relevant component standard which includes such requirements;*
- b) Meter cases, meter faces, and indicator lamps that are part of a separate and distinct accessory;*
- c) Gears, cams, belts, bearings, and other small parts which would contribute negligible fuel to a fire provided they are separated from electrical parts, that under a fault condition would be likely to produce temperatures that could cause ignition, by 13 mm (1/2 inch) of air;*
- d) Tubing for air or fluid systems provided they are of flammability class HB or HBF or better;*
- e) Integrated circuit packages, transistor packages, optocoupler packages, capacitors, and other small parts mounted on a material of flammability class V-1 or better; and*
- f) Inflatable air bags used in dynamometers for raising and lowering the automobile onto the dynamometer, provided they are of flammability class HB or HBF or better and they are separated from electrical parts, that under a fault condition would be likely to produce temperatures that could cause ignition, by 13 mm (1/2 inch) of air.*

## Proposal for BSR/UL 448

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

### 1. Proposal Request (PR6240) – Clarification that L10 rating is in millions of revolutions

#### RATIONALE

Proposal submitted by: Randy Smeltzer, Peerless Pump Company.

A Proposal Request was received to clarify that L10 rating is in millions of revolutions.

At the 448 STP meeting held on September 25, 2007, it was noted that one accompanying change is needed in conjunction with the L<sub>10</sub> clarification. This change has been accepted by the submitter of the proposal and has been included in the proposal shown below.

#### PROPOSAL

10.2 With reference to 10.1, the L-10 rating in hours is to be calculated from the L-10 rating in revolutions based on the following equation:

$$L_h = (L_{10} \times 10^6) / (N \times 60)$$

in which:

$$L_{10} = \frac{C^3}{P^3} = \frac{C^3}{(XF_r + YF_a)^3} \quad (\text{Ball})$$

$$L_{10} = \frac{C^{10/3}}{P^{10/3}} = \frac{C^{10/3}}{(XF_r + YF_a)^{10/3}} \quad (\text{Roller})$$

where:

- L<sub>h</sub>* is the L-10 rating in hours;
- L<sub>10</sub>* is the L-10 rating in millions of revolutions;
- N* is the rated speed in revolutions per minute;
- C* is the dynamic load rating of bearing in pounds-force;
- P* is the combined force on bearing in pounds;
- X* is the radial load factor of bearing;
- F<sub>r</sub>* is the radial load on bearing in pounds-force;



*Y is the axial load factor of bearing; and  
F<sub>a</sub> is the axial load on bearing in pounds-force.*

## 2. Editorial type clarification to 8.4

### RATIONALE

Proposal submitted by: Kerry Bell, Underwriters Laboratories Inc.

UL proposes to revise 8.4 to clarify the requirements related to the size of impeller passages. The proposed revision is intended to make it clear that this requirement addresses internal impeller passages only and not clearance between the impeller and casing.

### PROPOSAL

8.4 The minimum internal dimensions of the passages at ~~the periphery~~ or any point in the impeller shall not be less than:

- a) 5/16 inch (7.9 mm) for a pump rated 500 gallons per minute (1893 L/min) or less;
  - b) 1/2 inch (12.7 mm) for a pump rated more than 500 gallons per minute but not more than 750 gpm (2839 L/min); and
  - c) 5/8 inch (15.9 mm) for a pump rated more than 750 gallons per minute.
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## BSR/UL 499, The Standard for Safety for Electric Heating Appliances

### PROPOSAL

64.8.3 The pressure-relief device shall comply with the requirements specified in (a), (b), ~~or (c)~~, or (d) below:

- a) Relief Valves for Hot Water Supply Systems, ANSI Z21.22 or the ASME Boiler and Pressure Vessel Code - Rules for Construction of Power Boilers, BPVC-1 or ASME Boiler and Pressure Vessel Code - Rules for Construction of Heating Boilers, BPVC-IV. Its marked output capacity rating shall be at least 3.5 lbs. of steam per hour per kilowatt of heating element rating.
- b) Requirements for pressure-limit controls in the Standard for Limit Controls, UL 353.
- c) Requirements for refrigeration pressure-limiting controls in the Standard for Temperature-Indicating and -Regulating Equipment, UL 873.
- d) Construction providing equivalent protection to (a), (b), or (c).

## BSR/UL 758-200X Proposals

Table 7.2

## Physical properties, unaged, of materials used for insulation and jacket

Polymer designation	Polymer type/test speed, inches (mm)	Physical properties, unaged	
		Minimum average	
		Elongation, percent	Tensile strength, psi (kgf/mm <sup>2</sup> )
PTFE - Polytetrafluoroethylene or TFE - Tetrafluoroethylene	Thermoplastic/20 ±2 inches (508 ± 50.8 mm) per minute	200	3000 (2.11)
Silicone without an outer covering or braid <sup>a</sup>	Thermoset/20 ±2 inches (508 ± 50.8 mm) per minute	250	1200 (0.84)
<u>Silicone Rubber</u>	<u>Thermoset/20 ±2 inches</u> <u>(508 ±50.8 mm) per minute</u>	<u>100</u>	<u>700 (0.49)</u>
Nylon jacket	Thermoplastic/20 ±2 inches (508 ± 50.8 mm) per minute	100	3000 (2.11)

<sup>a</sup> Applicable to wires that have not been evaluated for restricted use, such as for internal or external use. Wires provided with insulation or jacket made of silicone with braid and that have not been evaluated for restricted use, and wires that have been evaluated for restricted use shall comply with the requirements for Class 22 insulation specified in Table 50.210 and Paragraph 1560.1 of UL 1581.

## BSR/UL 758-200X Proposals (cont.)

Table 7.3

## Physical properties, air oven aged, of insulation and jackets

Polymer designation	Dry temperature rating, °C (°F)	Physical properties, air oven aged			
		Air oven conditioning		Minimum percent of unaged values	
		Oven temperature, °C ±2 (°F ±3)	Time, days	Elongation, percent	Tensile strength, percent
PTFE - Polytetrafluoroethylene or TFE - Tetrafluoroethylene	200 (392)	260 (500)	4	85	85
Silicone without an outer covering or braid <sup>a</sup>	150 (302)	158 (316)	60	25 <sup>b</sup>	60 <sup>c</sup>
	200 (392)	210 (410)	60	25 <sup>d</sup>	60 <sup>e</sup>
<u>Silicone Rubber</u>	<u>250 (482)</u>	<u>260 (500)</u>	<u>60</u>	<u>f</u>	<u>g</u>
Nylon jacket	80 (176)	113 (235)	7	65	65
<sup>a</sup> Applicable to wires that have not been evaluated for restricted use, such as for internal or external use. Wires provided with insulation or jacket made of silicone with braid and that have not been evaluated for restricted use, and wires that have been evaluated for restricted use shall comply with the requirements for Class 22 insulation specified in Table 50.210 and Paragraph 1560.1 of UL 1581.					
<sup>b</sup> Elongation of 150 percent complies with the intent of this requirement.					
<sup>c</sup> Tensile strength of 850 psi (0.6 kgf/mm <sup>2</sup> ) complies with the intent of this requirement.					
<sup>d</sup> Elongation of 100 percent complies with this requirement.					
<sup>e</sup> Tensile strength of 600 psi (0.42 kgf/mm <sup>2</sup> ) complies with the intent of this requirement.					
<sup>f</sup> <u>Elongation of 50 percent complies with this requirement.</u>					
<sup>g</sup> <u>Tensile strength of 500 psi (0.35 kgf/mm<sup>2</sup>) complies with the intent of this requirement.</u>					

## Proposal for BSR/UL 1247

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

### 1. Clarification of test procedures and requirements described in 20.6.10

#### RATIONALE

Proposal submitted by: Kerry Bell, Underwriters Laboratories Inc.

UL proposes to revise 20.6.10 to clarify the test methods and requirements for the new acceleration test for engines provided with an ECM. When tested under dynamic acceleration conditions, a minimum interval for data measurement has been specified.

#### Proposal

20.6.10 An engine is to be connected to a dynamometer or similar device set to operate at its lowest rated speed. The engine is to be started and the power output is to be measured under acceleration conditions starting from not greater than 500 rpm to the lowest rated speed in increments of no greater than 100 rpm. During this test, the engine shall be loaded with the dynamometer during start-up acceleration. The engine shall not be permitted to accelerate to rated speed and then loaded to reduce the operating speed. ~~not be dropped to obtain the test speed.~~ If the test equipment is capable of applying and recording loads under dynamic acceleration conditions with data recorded at intervals not greater than every 0.3 sec, this test is permitted to be conducted while the engine accelerates from cranking to the lowest rated speed without the dwell time at 100 rpm increments to take measurements. The power output is to be measured and shall not be less than the power calculated at any test speed up to the lowest rated speed determined as follows:

$$P_T = P_{MS}(N_T/N_R)^3$$

*in which:*

*$P_T$  = Required power to be developed. ~~Measured power during test corrected to Standard SAE conditions referenced in 20.3.2.~~ To be determined at all measured speeds.*

*$P_{MS}$  = Maximum sustainable power output corrected to Standard SAE conditions referenced in 20.3.2 at the lowest rated speed.*

*$N_T$  = Measured speed(s).*

*$N_R$  = Lowest rated speed for engine.*

### 2. Proposal Request (PR7673) – The use of fuses in engine control components and control wiring

#### RATIONALE

Proposal submitted by: John T. Whitney, Clarke Fire Protection Products, Inc.

We believe in the event of controller circuit failure, manual operation of the engine, locally at the engine, is the last opportunity to achieve operation in an emergency. Therefore, the use of fuses in engine control components and control wiring should not be allowed.

At the recent 448 STP held on September 25, 2007, it was further decided that the term "fuse" was too restrictive and that the term "overcurrent protective device" should be substituted in the final proposal. The submitter of the proposal was present at the meeting and indicated he accepted the modification.

## **Proposal**

6.7 Means such as overcurrent protective devices shall not be used to protect instrumentation, control wiring and control devices.

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