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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: March 11, 2007

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

#### Revisions

BSR Z136.1-200x, Safe Use of Lasers (revision of ANSI Z136.1-2000)

This standard provides recommendations for the safe use of 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); bsams@laserinstitute.org

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

#### Revisions

- ★ BSR A300 (Part 4)-200x, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Lightning Protection Systems) (revision of ANSI A300 (Part 4)-2002)

ANSI A300 Part 4 provides standards for the installation and maintenance of lightning protection systems for trees. The standard is intended for use by arborists, managers, and governmental agencies in the drafting of written work specifications. The standard includes materials, installation practices, and grounding.

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

Send comments (with copy to BSR) to: Robert Rouse, TCIA (ASC A300); Rouse@treecareindustry.org

### UL (Underwriters Laboratories, Inc.)

#### Revisions

BSR/UL 2024-200x, Standard for Optical Fiber and Communication Cable Raceway (Proposal dated 2-9-07) (revision of ANSI/UL 2024-2004)

Proposes to revise requirements for:

- (a) the propane gas burner in the Vertical Tray Flame Test; and
- (b) the conduit identification marking.

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

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

## Comment Deadline: March 26, 2007

### AMCi (AMCInstitute)

#### Revisions

- ★ BSR/IAAMC A100.1-200x, AMC Standard of Good Practices for Association Management Companies (revision and redesignation of ANSI/IAAMC A100.1-2002)

Establishes requirements that provide a measurement for practices that can be utilized by all sizes and types of Association Management Companies (AMCs) in order to enhance the performance of the AMC and their staff.

Single copy price: Free

Obtain an electronic copy from:

<http://www.iaamc.org/accreditation/stnd-review.html>

Order from: Cara Perch, AMCi; cperch@amcinstitute.org

Send comments (with copy to BSR) to: Same

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

#### Reaffirmations

BSR A10.38-2000 (R200x), Basic Elements of an Employer's Program to Provide a Safe and Healthful Work Environment (reaffirmation of ANSI A10.38-2000)

Establishes the Minimum Elements of a program for protecting the safety and health of employees involved in construction and demolition activities.

Single copy price: \$25.00

Obtain an electronic copy from: Timothy Fisher, ASSE; tfisher@asse.org

Order from: Timothy Fisher, ASSE; tfisher@asse.org

Send comments (with copy to BSR) to: Same

### ATIS (Alliance for Telecommunications Industry Solutions)

#### Revisions

BSR ATIS 0300007-200x, Identification of Physical Network Resources (revision of ANSI/ATIS 0300007-2005)

This standard shows how ATIS interconnection standards map to ITU-T recommendation M.1401, Formalization of interconnection designations among operators' networks, not only for network operator interconnection, but also for identification of Physical Network Resources (PNR).

Single copy price: \$164.00

Obtain an electronic copy from: kconn@atis.org

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

Send comments (with copy to BSR) to: Same

#### Supplements

- ★ BSR ATIS 0300211.a-200x, Information Interchange - Structure and Coded Representation of National Security and Emergency Preparedness (NS/EP) Telecommunications Service Priority (TSP) Codes for the North American Telecommunications Systems (supplement to ANSI T1.211-2001 (R2006))

Provides an informative annex to T1.211-2001 (R2006) that explains the role of TSP in an NGN/IP environment.

Single copy price: \$43.00

Obtain an electronic copy from: kconn@atis.org

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

Send comments (with copy to BSR) to: Same

### AWS (American Welding Society)

#### Revisions

BSR/AWS D15.1-200x, Railroad Welding Specification for Cars and Locomotives (revision of ANSI/AWS D15.1-2001)

Establishes minimum standards for the manufacture and maintenance of railroad equipment. Clauses 4 through 17 cover the general requirements for welding in the railroad industry. Clauses 18 through 24 cover specific requirements for the welding of base metals thinner than 1/8 in. [3mm].

Single copy price: \$123.00

Obtain an electronic copy from: roneill@aws.org

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

Send comments (with copy to BSR) to: Andrew Davis, AWS;

adavis@aws.org

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

### New National Adoptions

BSR INCITS/ISO 19134-200x, Geographic information - Location-based services - Multimodal routing and navigation (identical national adoption of ISO 19134:2007)

Specifies the data types and their associated operations for the implementation of multimodal location-based services for routing and navigation. It is designed to specify web services that may be made available to wireless devices through web-resident proxy applications, but is not limited to that environment.

Single copy price: \$30.00

Obtain an electronic copy from: ANSI;  
<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: Barbara Bennett, ITI (INCITS); [bbennett@itic.org](mailto:bbennett@itic.org)

BSR INCITS/ISO/IEC 19763-1-200x, Information technology - Metamodel framework for interoperability (MFI) - Part 1: Reference model (identical national adoption of ISO/IEC 19763-1:2007)

Specifies a framework for metamodel interoperability. This part of ISO/IEC 19763 establishes general principles for the metamodel framework and gives guidelines for developments of other parts of ISO/IEC 19763. The multiple parts of ISO/IEC 19763 are to be used in the development of a harmonized metamodel to facilitate the interoperation of existing registries or metamodels.

Single copy price: \$30.00

Obtain an electronic copy from: ANSI;  
<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: Barbara Bennett, ITI (INCITS); [bbennett@itic.org](mailto:bbennett@itic.org)

### Reaffirmations

BSR INCITS 207-1991 (R200x), Information technology - Alternate Keyboard Arrangement for Alphanumeric Machines (reaffirmation of ANSI INCITS 207-1991 (R2002))

Provides a performance-oriented keyboard arrangement that is an alternative to the keyboard presented in American National Standard for office machines and supplies - Alphanumeric machines - Keyboard arrangement, ANSI INCITS 154. This standard describes the arrangement of the 48 basic printing keys on the keyboard and the characters, uppercase and lowercase, that appear on the keys. The character assignments are divided into five application areas, in recognition of the different graphic character requirements of these application areas.

Single copy price: \$30.00

Obtain an electronic copy from:  
<http://www.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: Parthenia Purnell, ITI (INCITS); [ppurnell@itic.org](mailto:ppurnell@itic.org)

## NISO (National Information Standards Organization)

### Revisions

BSR/NISO Z39.85-200x, Dublin Core Metadata Element Set (revision of ANSI/NISO Z39.85-2001)

Defines fifteen metadata elements for resource discovery in a cross-disciplinary information environment.

Single copy price: \$39.00

Obtain an electronic copy from:  
<http://www.niso.org/standards/balloting.html>

Order from: NISO Headquarters; [nisohq@niso.org](mailto:nisohq@niso.org)

Send comments (with copy to BSR) to: Same

## RVIA (Recreational Vehicle Industry Association)

### Revisions

BSR/RVIA 12V-200x, Low Voltage Systems in Conversion and Recreational Vehicles (revision of ANSI/RVIA 12V-2004)

Covers the installation of low-voltage electrical systems and devices within conversion and recreational vehicles. In the absence of specific instructions from the automotive OEM, this standard also covers any additions, deletions, or modifications to any part of the original equipment chassis manufacturer's electrical systems.

Single copy price: \$25.00

Obtain an electronic copy from: Kent Perkins, RVIA; [kperkins@rvia.org](mailto:kperkins@rvia.org)

Order from: RVIA, Box 2999, Reston, VA 20195, Attn: Kent Perkins, or [kperkins@rvia.org](mailto:kperkins@rvia.org)

Send comments (with copy to BSR) to: RVIA, Box 2999, Reston, VA 20195, Attn: Kent Perkins, or [kperkins@rvia.org](mailto:kperkins@rvia.org)

## SVIA (Specialty Vehicle Institute of America)

### Revisions

- ★ BSR/SVIA 1-200x, Four-Wheel All-Terrain Vehicles (revision of ANSI/SVIA 1-2001)

Establishes minimum requirements for four-wheel all-terrain vehicles. This revised voluntary standard addresses design, configuration and performance aspects of ATVs, including, among other items, requirements for:

- mechanical suspension;
- throttle, clutch and gearshift controls;
- engine and fuel cutoff devices;
- lighting;
- tires;
- operator foot environment;
- service and parking brake/parking mechanism performance; and
- pitch stability.

Single copy price: \$40.00 USD

Obtain an electronic copy from: [tyager@svia.org](mailto:tyager@svia.org)

Order from: Thomas Yager, SVIA: [tyager@svia.org](mailto:tyager@svia.org)

Send comments (with copy to BSR) to: Same

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

### Revisions

- ★ BSR A300 (Part 1)-200x, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Pruning) (revision of ANSI A300 (Part 1)-2001)

Provides standards for pruning trees, including utility pruning. The standard is intended for use by arborists, managers, and governmental agencies in the drafting of written work specifications. The standard includes pruning cuts, pruning objectives, pruning practices, types of pruning, and utility pruning.

Single copy price: Free (electronic version); \$7.50 (S&H for paper)

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

Order from: Robert Rouse, TCIA (ASC A300);  
[Rouse@treecareindustry.org](mailto:Rouse@treecareindustry.org)

Send comments (with copy to BSR) to: Same

## UL (Underwriters Laboratories, Inc.)

### Revisions

BSR/UL 467-200x, Standard for Grounding and Bonding Equipment (Proposals dated 2/9/07) (revision of ANSI/UL 467-2004)

Proposes revisions to clauses 6.4.7, 6.8.3.4, 6.9.2.1, 6.9.2.2, 6.9.2.3, 10.10, 10.11, A.2.1.2 and Table 5, based on comments received.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

BSR/UL 60079-7-200x, Standard for Safety for Explosive Atmospheres - Part 7: Equipment Protection by Increased Safety (revision of ANSI/UL 60079-7-2002)

Specifies the requirements for the design, construction, testing, and marking of electrical appliances with type of protection, including safety "e", intended for use in Class I, Zone 1, Groups IIA, IIB, and IIC hazardous (classified) location.

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: Patti Van Laeke, UL-NC; Patricia.Vanlaeke@us.ul.com

## Comment Deadline: April 10, 2007

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

### ANS (American Nuclear Society)

#### Reaffirmations

BSR/ANS 8.5-1996 (R200x), Use of Borosilicate-Glass Raschig Rings as a Neutron Absorber in Solutions of Fissile Material (reaffirmation of ANSI/ANS 8.5-1996 (R2002))

Provides guidance for the use of borosilicate-glass Raschig rings as a neutron absorber for criticality control in ring-packed vessels containing solutions of <sup>235</sup>U, <sup>239</sup>Pu, or <sup>233</sup>U. The chemical and physical environment, properties of the rings and packed vessels, maintenance inspection procedures, and operating guidelines are specified.

Single copy price: \$48.00

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

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

Send comments (with copy to BSR) to: Same

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

#### Revisions

BSR/IEEE C57.13.1-200x, Guide for Field Testing of Relaying Current Transformers (revision of ANSI/IEEE C57.13.1-1981 (R1999))

Describes field test methods that assure that current transformers are connected properly, are of marked ratio and polarity, and are in a condition to perform as designed both initially and after having been in service for a period of time.

Single copy price: Free

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

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

#### Reaffirmations

BSR/IEEE C37.121-1989 (R200x), Switchgear - Unit Substations - Requirements (reaffirmation of ANSI C37.121-1989 (R2000))

Covers the requirements for three-phase unit substations for step-down operation in the range of 112.5 kVA through 10000 kVA at primary voltages of 601 V through 38 kV. Intended for use as the basis for the coordination of equipment by assisting in the selection of components.

Single copy price: \$45.00 (Non-member); \$36.00 (IEEE Member)

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

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

## Projects Withdrawn from Consideration

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

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

BSR A10.23-200x, Back Injury Prevention Programs for Construction and Demolition Operations (new standard)

BSR A10.30-200x, Work Place Security (new standard)

BSR A10.35-200x, High Pressure Hydro Blasting (new standard)

BSR/ASSE A10.49-200x, Accepted Practices for Control of Silica in Construction and Demolition Industries (new standard)

### UL (Underwriters Laboratories, Inc.)

BSR/UL 464-200x, Audible Signal Appliances (revision of ANSI/UL 464-2003)

# 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:

### AMCi

AMCInstitute  
100 North 20th Street  
4th Floor  
Philadelphia, PA 19103-1443  
Phone: (215) 564-3484 ext. 2277  
Fax: (215) 963-9784  
Web: [www.amcinstitute.org](http://www.amcinstitute.org)

### ANS

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

### ASSE

American Society of Safety  
Engineers  
1800 East Oakton Street  
c/o CoPS  
Des Plaines, IL 60018-2187  
Phone: (847) 768-3411  
Fax: (847) 296-9221

### ATIS

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

### AWS

American Welding Society  
550 N.W. LeJeune Road  
Miami, FL 33126  
Phone: (800) 443-9353 x451  
Fax: (800) 443-5951  
Web: [www.aws.org](http://www.aws.org)

### comm2000

1414 Brook Drive  
Downers Grove, IL 60515

### Global Engineering Documents

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

### IEEE

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

### NISO

National Information Standards  
Organization  
4733 Bethesda Avenue  
Suite 300  
Bethesda, MD 20814  
Phone: (301) 654-2512  
Fax: (301) 654-1721  
Web: [www.niso.org](http://www.niso.org)

### RVIA

Recreational Vehicle Industry  
Association  
1896 Preston White Drive  
P.O. Box 2999  
Reston, VA 20195-0999  
Phone: (703) 620-6003  
Fax: (703) 620-5071  
Web: [www.rvia.org](http://www.rvia.org)

### SVIA

Specialty Vehicle Institute of  
America  
2 Jenner Street, Suite 150  
Irvine, CA 92618-3806  
Phone: (949) 727-3727 x3038  
Fax: (949) 727-4217

### TCIA (ASC A300)

ASC A300  
3 Perimeter Road - Unit 1  
Manchester, NH 03103  
Phone: (603) 314-5380  
Fax: (603) 314-5386  
Web: [www.natlarb.com/](http://www.natlarb.com/)

## Send comments to:

### AMCI

AMCInstitute  
100 North 20th Street  
4th Floor  
Philadelphia, PA 19103-1443  
Phone: (215) 564-3484 ext. 2277  
Fax: (215) 963-9784  
Web: www.amcinstitute.org

### ANS

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

### ASSE

American Society of Safety  
Engineers  
1800 East Oakton Street  
c/o CoPS  
Des Plaines, IL 60018-2187  
Phone: (847) 768-3411  
Fax: (847) 296-9221

### ATIS

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

### AWS

American Welding Society  
550 N.W. LeJeune Road  
Miami, FL 33126  
Phone: (305) 443 9353 Ext. 466  
(800) 443 9353 Ext. 466  
Fax: (305) 443-5951  
Web: www.aws.org

### IEEE

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

### ITI (INCITS)

INCITS Secretariat/ITI  
1250 Eye Street, NW  
Suite 200  
Washington, DC 20005-3922  
Phone: (202) 626-5741  
Fax: (202) 638-4922  
Web: 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

### NISO

National Information Standards  
Organization  
4733 Bethesda Avenue  
Suite 300  
Bethesda, MD 20814  
Phone: (301) 654-2512  
Fax: (301) 654-1721  
Web: www.niso.org

### RVIA

Recreational Vehicle Industry  
Association  
1896 Preston White Drive  
P.O. Box 2999  
Reston, VA 20195-0999  
Phone: (703) 620-6003  
Fax: (703) 620-5071  
Web: www.rvia.org

### SVIA

Specialty Vehicle Institute of  
America  
2 Jenner Street, Suite 150  
Irvine, CA 92618-3806  
Phone: (949) 727-3727 x3038  
Fax: (949) 727-4217

### TCIA (ASC A300)

ASC A300  
3 Perimeter Road - Unit 1  
Manchester, NH 03103  
Phone: (603) 314-5380  
Fax: (603) 314-5386  
Web: www.natlarb.com/

### UL-CA

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

### UL-NC

Underwriters Laboratories  
12 Laboratory Drive  
Research Triangle Park, NC  
27709  
Phone: (919) 549-1723  
Fax: (919) 547-6172

# 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 14971-2007, Medical devices - Risk management - Application of risk management to medical devices (revision of ANSI/AAMI/ISO 14971-2000): 2/1/2007

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

### Withdrawals

ANSI X9.100-171-2005, Specifications for Automated Identification of Security Features (withdrawal of ANSI X9.100-171-2005): 2/2/2007

## ASME (American Society of Mechanical Engineers)

### Revisions

- ★ ANSI/ASME A112.19.8-2007, Suction Fittings for Use in Swimming Pools, Wading Pools, Spas and Hot Tubs (revision and redesignation of ANSI/ASME A112.19.8M-1987 (R1996)): 2/5/2007

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

### Revisions

ANSI A10.22-2007, Safety Requirements for Rope-Guided and Nonguided Workers' Hoists for Construction and Demolition Operations (revision of ANSI A10.22-1990 (R1998)): 2/7/2007

## ASTM (ASTM International)

### New Standards

ANSI/ASTM D7280-2007, Test Method for Quinoline-Insoluble (QI) Content of Tar and Pitch by Stainless Steel Crucible Filtration (new standard): 1/30/2007

ANSI/ASTM D7303-2007, Standard Test Method for the Determination of Metals in Lubricating Greases by Inductively Coupled Plasma Atomic Emission Spectrometry (new standard): 1/30/2007

## GEIA (Government Electronics & Information Technology Association)

### New Standards

ANSI/GEIA STD-0005-1-2007, Performance Standard for Aerospace and High-Performance Electronic Systems Containing Lead-free Solder (new standard): 2/7/2007

## IAPMO (International Association of Plumbing & Mechanical Officials)

### New Standards

- ★ ANSI/IAPMO Z1000-2006, Prefabricated Septic Tanks (new standard): 2/6/2007
- ★ ANSI/IAPMO Z1001-2006, Prefabricated Gravity Grease Interceptors (new standard): 2/6/2007

## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

ANSI/IEEE 400.3-2006, Guide for Partial Discharge Testing of Shielded Power Cable Systems in a Field Environment (new standard): 2/1/2007

### Reaffirmations

ANSI/IEEE 656-1993 (R2006), Standard for the Measurement of Audible Noise from Overhead Transmission Lines (reaffirmation of ANSI/IEEE 656-1993 (R2000)): 2/1/2007

ANSI/IEEE C37.015-1993 (R2006), Application Guide for Shunt Reactor Switching (reaffirmation of ANSI/IEEE C37.015-1993 (R2000)): 2/1/2007

ANSI/IEEE C37.99-2000 (R2006), Guide for the Protection of Shunt Capacitor Banks (reaffirmation of ANSI/IEEE C37.99-2000): 2/1/2007

### Revisions

ANSI/IEEE 649-2006, Qualifying Class 1E Motor Control Centers for Nuclear Power Generating Stations (revision of ANSI/IEEE 649-1992 (R2004)): 2/1/2007

ANSI/IEEE C37.101-2006, Guide for Generator Ground Protection (revision of ANSI/IEEE C37.101-1993 (R2000)): 2/1/2007

ANSI/IEEE C57.12.90-2006, Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers (revision of ANSI/IEEE C57.12.90-1999): 1/29/2007

### Supplements

ANSI/IEEE 802.3aq-2006, Information Technology - Telecommunications and Information Exchange Between Systems - LAN/MAN - Specific Requirements - Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications - Amendment: Physical Layer and Management Parameters for 10 Gb/s Operation, Type 10GBASE-LRM (supplement to ANSI/IEEE 802.3-2006): 2/1/2007

ANSI/IEEE 802.3as-2006, Information Technology - Telecommunications and Information Exchange Between Systems - LAN/MAN - Specific Requirements - Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications - Amendment: Frame Format Extensions (supplement to ANSI/IEEE 802.3-2006): 2/1/2007

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

### New Standards

ANSI INCITS 413-2007, Information technology - RapidIO™ Interconnect Specification (new standard): 2/2/2007

ANSI INCITS 422-2007, Information technology - Application Profile for Commercial Biometric Physical Access Control (new standard): 2/1/2007

ANSI INCITS 424-2007, Information technology - Fibre Channel Framing and Signaling (FC-FS-2) (new standard): 2/1/2007

ANSI INCITS 426-2007, Information technology - Fibre Channel Security Protocols (FC-SP) (new standard): 2/1/2007

ANSI INCITS 428-2007, Information technology - Storage Management Host Bus Adapter Application Programming Interface (SM-HBA) (new standard): 2/1/2007

**Reaffirmations**

- ANSI INCITS 222-1997 (R2007), Information Technology - High-Performance Parallel Interface - Physical Switch Control (HIPPI-SC) (reaffirmation of ANSI INCITS 222-1997 (R2002)): 2/2/2007
- ANSI INCITS 296-1997 (R2007), Information Technology - Single-Byte Command Code Sets CONnection (SBCON) Architecture (reaffirmation of ANSI INCITS 296-1997 (R2002)): 2/2/2007
- ANSI INCITS 300-1997 (R2007), Information Technology - High-Performance Parallel Interface - Serial Specification (HIPPI-Serial) (reaffirmation of ANSI INCITS 300-1997 (R2002)): 2/2/2007
- ANSI INCITS 356-2002 (R2007), Information Technology - Fibre Channel - Audio Video (FC-AV) (reaffirmation of ANSI INCITS 356-2002): 2/2/2007
- ANSI INCITS 357-2002 (R2007), Information Technology - Fibre Channel - Virtual Interface Architecture Mapping Protocol (FC-VI) (reaffirmation of ANSI INCITS 357-2002): 2/2/2007

**Withdrawals**

- ANSI INCITS 297-1997, Information Technology - Fibre Channel - Physical and Signalling Interface-2 (FC-PH-2) (withdrawal of ANSI INCITS 297-1997 (R2002)): 2/2/2007
- ANSI INCITS 352-2002, Information Technology - Fibre Channel - Physical Interfaces (FC-PI) (withdrawal of ANSI INCITS 352-2002): 2/2/2007

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

- ANSI B93.35M-1978 (R2007), Cavity dimensions for fluid power exclusion devices (inch series) (reaffirmation of ANSI B93.35-1978 (R2001)): 2/1/2007
- ANSI B93.62M-1982 (R2007), Hydraulic fluid power - Reciprocating dynamic sealing devices in linear actuators - Method of testing, measuring and reporting leakage (reaffirmation of ANSI B93.62M-1982 (R2001)): 2/1/2007

**SPI (The Society of the Plastics Industry, Inc.)****Revisions**

- ANSI/SPI B151.1-2007, Safety Requirements for the Manufacture, Care & Use of Horizontal Injection Molding Machines (HIMM's) (revision of ANSI/SPI B151.1-1997): 2/6/2007

**TIA (Telecommunications Industry Association)****Revisions**

- ANSI/TIA 41.290-E-2007, Mobile Application Part (MAP) - Intersystem Handoff - Annex A (revision and partition of ANSI/TIA 41-D-1997): 2/2/2007

**Supplements**

- ANSI/TIA 568-B.2-9-2007, Commercial Building Telecommunications Cabling Standard - Part 2: Balanced Twisted-Pair Cabling Components - Addendum 9: Additional Category 6 - Balance Requirements and Measurement Procedures (supplement to ANSI/TIA 568-B.2-2001): 2/5/2007

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

- ANSI/UL 1917-2002 (R2007), Standard for Solid-State Fan Speed Controls (reaffirmation of ANSI/UL 1917-2002): 2/1/2007

**Revisions**

- ANSI/UL 154 CAN/ULC-S503-2007, Standard for Safety for Carbon-Dioxide Fire Extinguishers (revision of ANSI/UL 154 CAN/ULC-S503-2005): 1/31/2007

ANSI/UL 2129 CAN/ULC-S566-2007, Standard for Safety for Halocarbon Clean Agent Fire Extinguishers (revision of ANSI/UL 2129 CAN/ULC-S566-2005): 1/31/2007

ANSI/UL 299 CAN/ULC-S504-2007, Standard for Safety for Dry Chemical Fire Extinguishers (revision of ANSI/UL 299/ULC-S504-2002): 1/31/2007

ANSI/UL 626 CAN/ULC-S507-2007, Standard for Safety for Water Fire Extinguishers (revision of ANSI/UL 626 CAN/ULC-S507-2005): 1/31/2007

ANSI/UL 8 CAN/ULC-S554-2007, Standard for Safety for Water Based Agent Fire Extinguishers (revision of ANSI/UL 8 CAN/ULC-S554-2005): 1/31/2007

## Corrections

**Change to Status for an ASME Standard**

ANSI/ASME B18.18.1-2007 was listed in the Final Actions section of the January 19, 2007 issue of Standards Action as a revision and redesignation of ANSI/ASME B18.18.1M-1987 (R1999). It is actually a revision and redesignation of ANSI/ASME B18.18.1M-1987 (R2006).

**Changes to Status for a Series**

ANSI/AWS B2.1-1-201-96 (R2007) through ANSI/AWS B2.1-1-209-96 (R2007) were listed in the January 19, 2007 edition of Standards Action as reaffirmations. In fact, they are new standards since the previous editions had been administratively withdrawn.

**Change in Status for an ASTM Standard**

ANSI/ASTM F2363-2006 was listed in the Final Actions section of the January 5, 2007 edition of Standards Action as a revision of the previous edition of the standard. It is actually a new standard since the previous edition had been withdrawn,



# 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:** *Sonia Balboni*

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

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

BSR/AAMI/ISO 10993-3, ed. 3-200x, Biological evaluation of medical devices - Part 3: Tests for genotoxicity, carcinogenicity and reproductive toxicity (identical national adoption and revision of ANSI/AAMI/ISO 10993-3-2003)

Stakeholders: Regulatory authorities, manufacturers of medical devices, clinicians.

Project Need: To update current standard to include new scientific progression, e.g., threshold of toxicological concern, harmonization of extraction procedures, and testing.

Specifies strategies for hazard identification and tests on medical devices for genotoxicity, carcinogenicity, and reproductive and developmental toxicity. Applicable for evaluation of a medical device in which the potential for genotoxicity, carcinogenicity or reproductive toxicity has been identified.

BSR/AAMI/ISO 10993-10, ed. 3-200x, Biological evaluation of medical devices - Part 10: Tests for irritation and delayed-type hypersensitivity (identical national adoption and revision of ANSI/AAMI BE78-2002 and ANSI/AAMI BE78-2002/A1-2006)

Stakeholders: Regulatory authorities, manufacturers of medical devices, clinicians.

Project Need: To revise current standard to include current alternatives for both sensitization (the local lymph node assay) and irritation (in vitro assays using skin surrogates) in view of scientific developments concerning alternative methods for irritation and sensitization that have become available.

Describes the procedure for the assessment of medical devices and their constituent materials with regard to their potential to produce irritation and delayed-type hypersensitivity.

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

**Office:** 35 Pinelawn Road Suite 114E  
Melville, NY 11747

**Contact:** *Susan Blaeser*

**Fax:** (631) 390-0217

**E-mail:** [sblaeser@aip.org](mailto:sblaeser@aip.org)

BSR S3.4-200x, Procedure for the Computation of Loudness of Steady Sounds (revision of ANSI S3.4-2005)

Stakeholders: Medical, research, technological developers of industrial instruments.

Project Need: To correct a discrepancy between the calculation described in the printed edition and that performed by the associated software. Additionally, this revision will improve the prediction of absolute thresholds as a function of frequency and equal-loudness contours.

Specifies a procedure for calculating the loudness of steady sounds as perceived by listeners with normal hearing. The procedure is based on the spectra of the sounds. The possible sounds include simple and complex tones and bands of noise. The standard is applicable to sounds presented in free field with frontal incidence, in a diffuse field, or via headphones.

## ATIS (Alliance for Telecommunications Industry Solutions)

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

**Contact:** *Kerriane Conn*

**Fax:** 202-347-7125

**E-mail:** [kconn@atis.org](mailto:kconn@atis.org)

BSR/ATIS 0100523-200x, Telecom Glossary (revision of ANSI T1.523-2001)

Stakeholders: Telecommunications Industry.

Project Need: To specify a baseline set of security requirements for signaling and control plane functions of evolving telecommunications networks.

Specifies a baseline set of security requirements for signaling and control plane functions of evolving telecommunications networks.

**CEA (Consumer Electronics Association)**

**Office:** 2500 Wilson Blvd.  
Arlington, VA 22206

**Contact:** Megan Hayes

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

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

BSR/CEA 2017.1-200x, Serial Communication Protocol for Portable Electronic Devices (new standard)

Stakeholders: Portable media player manufacturers, accessory manufacturers, automobile manufacturers.

Project Need: During the development of CEA-2017, Common Interconnection for Portable Media Players, it was determined that a serial protocol was necessary. The group developing the standard would like resulting document to be a stand-alone standard associated with CEA-2017.

Describes a serial communication protocol that enables command and control communication between portable electronic devices and accessories attached to those devices.

BSR/CEA 2034-200x, Standard Method of Measurement for In Home Loudspeakers (new standard)

Stakeholders: Loudspeaker manufacturers, home theater in-a-box manufacturers.

Project Need: To define measurement methods for several common loudspeaker characteristics in order to provide consumers with clear information on loudspeaker performance. The purpose is not to attempt complete speaker characterization, nor is it meant to define which specifications describe good performance and which do not.

Defines test procedures for each of several common loudspeaker characteristics and requirements for reporting the results of such tests. The standard is applicable to all separate home loudspeakers, including those for home theater systems and/ or music systems, and including those intended for floor, shelf, on-wall or in-wall placement.

**EIA (Electronic Industries Alliance)**

**Office:** 2500 Wilson Blvd., Suite 300  
Arlington, VA 22201-3834

**Contact:** Cecelia Yates

**Fax:** (703) 907-7549

**E-mail:** cyates@eca.us.org

BSR/EIA 364-07C-200x, Contact Axial Concentricity Test Procedure for Electrical Connectors (revision of ANSI/EIA 364-07B-1998)

Stakeholders: Electrical, electronics and telecommunications

Project Need: To revise the test standard in order to clarify the test procedure.

Establishes a test method to determine the straightness of contacts by measuring a total indicator reading (TIR) value.

BSR/EIA 364-20D-200x, Withstanding Voltage Test Procedure for Electrical Connectors, Sockets and Coaxial Contacts (revision of ANSI/EIA 364-20C-2004)

Stakeholders: Electrical, electronics and telecommunications

Project Need: To revise the test standard in order to clarify the test procedure.

Establishes a test method for measuring the withstanding voltage of electrical connectors, sockets and coaxial contacts.

BSR/EIA 364-21D-200x, Insulation Resistance Test Procedure for Electrical Connectors, Sockets and Coaxial Contacts (revision of ANSI/EIA 364-21C-2000)

Stakeholders: Electrical, electronics and telecommunications

Project Need: To revise the test standard in order to clarify the test procedure.

Establishes a test method for assessing the insulation resistance of electrical connectors, sockets and coaxial contacts.

**ESTA (ASC E1) (Entertainment Services and Technology Association)**

**Office:** 875 Sixth Avenue, Suite 1005  
New York, NY 10001

**Contact:** Karl Ruling

**Fax:** (212) 244-1502

**E-mail:** kruling@esta.org

BSR E1.16-2002 (R200x), Entertainment Technology - Configuration Standard for Metal-Halide Ballast Power Cables (reaffirmation of ANSI E1.16-2002)

Stakeholders: Stage and studio luminaire and ballast manufacturers, users, lighting equipment rental companies.

Project Need: To reaffirm ANSI E1.16-2002 before the fifth anniversary of its acceptance.

Establishes a standard practice for grounding contact assignment for detachable power cables on 6kW, 12kW and 18kW metal-halide ballasts used in the motion picture and television industries on portable studio luminaires.

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

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

**Contact:** Barbara Bennett

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

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

BSR INCITS 31 (Project 91-200x), Information technology - Codes for the Identification of the Counties and Equivalent Entities of the United States (revision of ANSI INCITS 31-1988 (R2002))

Stakeholders: Overall information community.

Project Need: To supersede the following: ANSI INCITS 31-1988, Information Systems - Codes - Structure for the Identification of the Counties and County Equivalents of the United States and Its Outlying and Associated Areas for Information Interchange.

Establishes a structure for the assignment of identifying codes to counties and administrative equivalents of the United States and its insular areas, for the purpose of information interchange among data processing systems.

**NEMA (National Electrical Manufacturers Association)**

**Office:** 1300 North 17th Street  
Suite 1847  
Rosslyn, VA 22209

**Contact:** Vince Baclawski

**Fax:** (703) 841-3336

**E-mail:** vin\_baclawski@nema.org

BSR/NEMA GR 1-200x, Grounding Rod Electrodes and Grounding Rod Electrode Couplings (revision of ANSI/NEMA GR 1-2001)

Stakeholders: Ground rod and ground rod coupling manufacturers; electrical utilities; bullders; electricians.

Project Need: To update the requirements of ANSI/NEMA GR 1-2001 and expand the document to cover stainless steel ground rods.

Applies to ground rod electrodes and ground rod electrode couplings that function in accordance with the National Electrical Code (NFPA 70-2005) and/or the National Electrical Safety Code (ANSI C2-2002).

**NFPA (National Fire Protection Association)**

**Office:** One Batterymarch Park  
Quincy, MA 02269-9101

**Contact:** Casey Grant

**Fax:** (617) 770-3500

**E-mail:** cgrant@nfpa.org; lf Fuller@nfpa.org

ANSI/NFPA 255-2006, Standard Method of Test of Surface Burning Characteristics of Building Materials (withdrawal of ANSI/NFPA 255-2006)

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

This method of testing surface burning characteristics of building materials is applicable to any type of building material that, by its own structural quality or the manner in which it is applied, is capable of supporting itself in position or is supported in the test furnace to a thickness comparable to its recommended use.

BSR/NFPA 13-200x, Standard for the Installation of Sprinkler Systems (revision of ANSI/NFPA 13-2007)

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

Provides the minimum requirements for the design and installation of automatic fire sprinkler systems and exposure protection sprinkler systems covered within this standard.

BSR/NFPA 13D-200x, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes (revision of ANSI/NFPA 13D-2007)

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

Covers the design and installation of automatic sprinkler systems for protection against the fire hazards in one- and two-family dwellings and manufactured homes.

BSR/NFPA 13R-200x, Standard for the Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height (revision of ANSI/NFPA 13R-2007)

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

Covers the design and installation of automatic sprinkler systems for protection against fire hazards in residential occupancies up to and including four stories in height.

BSR/NFPA 14-200x, Standard for the Installation of Standpipes and Hose Systems (revision of ANSI/NFPA 14-2003)

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

Covers the minimum requirements for the installation of standpipes and hose systems. This standard does not cover requirements for periodic inspection, testing, and maintenance of these systems.

BSR/NFPA 24-200x, Standard for the Installation of Private Fire Service Mains and Their Appurtenances (revision of ANSI/NFPA 24-2007)

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

Covers the minimum requirements for the installation of private fire service mains and their appurtenances supplying the following:

- (1) Automatic sprinkler systems;
- (2) Open sprinkler systems;
- (3) Water spray fixed systems;
- (4) Foam systems;
- (5) Private hydrants;
- (6) Monitor nozzles or standpipe systems with reference to water supplies; and
- (7) Hose houses.

This standard shall apply to combined service mains used to carry water for fire service and other uses.

BSR/NFPA 53-200x, Recommended Practice on Materials, Equipment and Systems Used in Oxygen-Enriched Atmospheres (revision of ANSI/NFPA 53-2004)

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

Establishes recommended minimum criteria for the safe use of oxygen (liquid/gaseous) and the design of systems for use in oxygen and oxygen-enriched atmospheres (OEs).

BSR/NFPA 72-200x, National Fire Alarm Code® (revision of ANSI/NFPA 72-2007)

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

Covers the application, installation, location, performance, inspection, testing, and maintenance of fire alarm systems, fire warning equipment and emergency warning equipment, and their components.

BSR/NFPA 82-200x, Standard on Incinerators and Waste and Linen Handling Systems and Equipment (revision of ANSI/NFPA 82-2004)

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

Covers requirements for the installation and use of waste storage rooms, containers, handling systems, incinerators, compactors, and linen and laundry handling systems.

BSR/NFPA 101A-200x, Guide on Alternative Approaches to Life Safety (revision of ANSI/NFPA 101A-2007)

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

Consists of a number of different system approaches to life safety. Each chapter is a different system independent of the others and is to be used in conjunction with NFPA 101, Life Safety Code.

BSR/NFPA 150-200x, Standard on Fire and Life Safety in Animal Housing Facilities (revision of ANSI/NFPA 150-2007)

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

Provides the minimum requirements for the design, construction, fire protection, and classification of animal housing facilities. Animal housing facilities shall be designed, constructed, and maintained in accordance with the adopted building, fire, and life safety codes and the requirements in this standard.

BSR/NFPA 211-200x, Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances (revision of ANSI/NFPA 211-2006)

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

Contains provisions for chimneys, fireplaces, venting systems, and solid fuel-burning appliances, including their installation. The standard applies to residential as well as commercial and industrial installations.

**BSR/NFPA 225-200x, Model Manufactured Home Installation Standard (revision of ANSI/NFPA 225-2005)**

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

Covers the installation of manufactured (mobile) homes and minimum construction standards for manufactured home sites. Included are requirements for utilities, setup, and accessory buildings and structures.

**BSR/NFPA 291-200x, Recommended Practice for Fire Flow Testing and Marking of Hydrants (revision of ANSI/NFPA 291-2002 (R2007))**

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

The scope of this document is fire flow testing and marking of hydrants.

**BSR/NFPA 318-200x, Standard for the Protection of Semiconductor Fabrication Facilities (revision of ANSI/NFPA 318-2006)**

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

Applies to semiconductor fabrication facilities and comparable research and development areas in which hazardous chemicals are used, stored, and handled and containing what is defined as a cleanroom or clean zone, or both.

**BSR/NFPA 501-200x, Standard on Manufactured Housing (revision of ANSI/NFPA 501-2005)**

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

Covers all the equipment and installations used in the design, construction, transportation, fire safety, plumbing, heat-producing, and electrical systems of manufactured homes that are designed to be used as dwelling units. This standard shall, to the maximum extent possible, establish performance requirements.

**BSR/NFPA 501A-200x, Standard for Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities (revision of ANSI/NFPA 501A-2005)**

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

Covers fire safety requirements for the installation of manufactured homes and manufactured home sites, including accessory buildings, structures, and communities.

**BSR/NFPA 850-200x, Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations (revision of ANSI/NFPA 850-2005)**

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

Provides recommendations (not requirements) for fire prevention and fire protection for electric-generating plants and high-voltage direct-current converter stations, except as follows:

- nuclear power plants are addressed in NFPA 803, Standard for Fire Protection for Light Water Nuclear Power Plants; and
- hydroelectric plants are addressed in NFPA 851, Recommended Practice for Fire Protection for Hydroelectric Generating Plants.

**BSR/NFPA 851-200x, Recommended Practice for Fire Protection for Hydroelectric Generating Plants (revision of ANSI/NFPA 851-2005)**

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

This document provides recommendations (not requirements) for fire prevention and fire protection for hydroelectric generating plants. The term "hydroelectric generating plant" also can be referred to as "station," "project," "unit(s)," "facility," or "site."

**BSR/NFPA 914-200x, Code for Fire Protection of Historic Structures (revision of ANSI/NFPA 914-2001)**

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

Describes principles and practices of fire safety for historic structures and for those who operate, use, or visit them. Collections within libraries, museums, and places of worship are not within the scope of this code.

**BSR/NFPA 1201-200x, Standard for Providing Emergency Services to the Public (revision of ANSI/NFPA 1201-2004)**

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

This standard contains requirements on the structure and operations of emergency service organizations (ESOs).

**BSR/NFPA 1250-200x, Recommended Practice in Emergency Service Organization Risk Management (revision of ANSI/NFPA 1250-2004)**

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

This recommended practice establishes minimum criteria to develop, implement, or evaluate an emergency service organization risk management program for effective risk identification, control, and financing.

**BSR/NFPA 1975-200x, Standard on Station/Work Uniforms for Fire and Emergency Services (revision of ANSI/NFPA 1975-2004)**

Stakeholders: Manufacturers, Users, Installers/Maintainers, Labor, Enforcing Authority.

Project Need: For the public interest and need.

Specifies:

- requirements for the design, performance, testing, and certification of nonprimary protective station/work uniforms and the individual garments comprising station/work uniforms;
- requirements for thermally stable textiles used in the construction of station/work uniforms; and
- optional requirements in which flame-resistant textiles are specified or used in construction of station/work uniforms.

**TIA (Telecommunications Industry Association)**

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

**Contact:** Carolyn Bowens

**E-mail:** cbowens@tiaonline.org

**BSR/TIA 664-501-B-200x, Wireless Features Description: Call Delivery (CD) (revision of ANSI/TIA 664-501-A-2000)**

Stakeholders: Telecommunications Industry Association.

Project Need: To describe Call Delivery (CD).

Call Delivery (CD) permits a subscriber to receive calls to his or her Directory Number while roaming.

**BSR/TIA 664-520-B-200x, Wireless Features Description: Subscriber PIN Access (SPINA) (revision of ANSI/TIA 664-000-A-2000)**

Stakeholders: Telecommunications Industry Association.

Project Need: To describe Subscriber PIN Access (SPINA).

Subscriber PIN Access (SPINA) permits a subscriber to control whether his or her mobile station is allowed to access the network by using a SPINA Personal Identification Number (PIN) as a subscriber identity. This feature may be used by the subscriber to prevent unauthorized use of his or her own mobile station or fraudulent use by a clone.

# American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

# ISO and IEC Draft International Standards



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

## Comments

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

## Ordering Instructions

**ISO and IEC Drafts can be made available via ANSI's ESS "on-demand" service. Please e-mail your request for an ISO or IEC 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.**

## ISO Standards

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

ISO/DIS 25457, Petroleum, petrochemical and natural gas industries - Flare details for general refinery and petrochemical service - 5/2/2007, \$175.00

### OTHER

ISO/DIS 29862, Self adhesive tapes - Determination of peel adhesion properties - 5/1/2007, \$67.00

ISO/DIS 29863, Self adhesive tapes - Measurement of static shear adhesion - 5/1/2007, \$67.00

ISO/DIS 29864, Self adhesive tapes - Measurement of breaking strength and elongation at break - 5/1/2007, \$53.00

### RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 5771, Rubber hoses and hose assemblies for transferring anhydrous ammonia - Specification - 5/9/2007, \$62.00

ISO/DIS 24698-2, Rubber, raw - Determination of bound acrylonitrile content in acrylonitrile-butadiene rubber (NBR) - Part 2: Kjeldahl method - 4/30/2007, \$53.00

## ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 18051, Information technology - Telecommunications and information exchange between systems - Services for Computer Supported Telecommunications Applications (CSTA) Phase III - 5/9/2007, \$301.00

ISO/IEC DIS 18056, Information technology - Telecommunications and information exchange between systems - XML protocol for Computer Supported Telecommunications Applications (CSTA) Phase III - 5/9/2007, \$291.00

ISO/IEC DIS 29382, Corporate Governance of Information and Communication Technology - 5/2/2007, \$67.00

## IEC Standards

1/2017/FDIS, IEC 60050-411 A1 Ed.2: International Electrotechnical Vocabulary - Part 411: Rotating machinery, 03/30/2007

1/2018/FDIS, IEC 60050-426 Ed. 2: International Electrotechnical Vocabulary - Part 426: Equipment for explosive atmospheres, 03/30/2007

13/1405/FDIS, Electricity metering - payment systems - Part 41: Standard transfer specification (STS) - Application layer protocol for one-way token carrier systems, 03/30/2007

13/1406/FDIS, IEC 62055-51: Electricity metering - payment systems - Part 51: Standard transfer specification (STS) - Physical layer protocol for one-way numeric and magnetic card token carriers, 03/30/2007

25/349/FDIS, ISO 80000-8 Ed.1: Quantities and units - Part 8: Acoustics, 03/30/2007

31/680/FDIS, IEC 60079-1 Ed. 6.0: Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d", 03/30/2007

34B/1305/FDIS, IEC 60061: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamp caps - Amendment 39, 03/30/2007

34B/1306/FDIS, IEC 60061: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Lampholders - Amendment 36, 03/30/2007

34B/1307/FDIS, IEC 60061: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges - Amendment 38, 03/30/2007

46C/815/FDIS, IEC 61156-1: Multicore and symmetrical pair/quad cables for digital communications - Part 1: Generic specification, 03/30/2007

46C/816/FDIS, CEI 61156-5: Câbles multiconducteurs à paires symétriques et quarts pour transmissions numériques - Partie 5: Câbles à paires symétriques et quarts avec caractéristiques de transmission allant jusqu'à 1000 MHz-Câble capillaire - Spécification intermédiaire, 03/30/2007

46C/817/FDIS, IEC 61156-5-1: Multicore and symmetrical pair/quad cables for digital communications - Part 5-1: Symmetrical pair/quad cables with transmission characteristics up to 1 000 MHz - Horizontal floor wiring - Blank detail specification, 03/30/2007

46C/818/FDIS, IEC 61156-6: Multicore and symmetrical pair/quad cables for digital communications - Part 6: Symmetrical pair/quad cables with transmission characteristics up to 1 000 MHz - Work area wiring - Sectional specification, 03/30/2007

46C/819/FDIS, IEC 61156-6-1: Multicore and symmetrical pair/quad cables for digital communications - Part 6-1: Symmetrical pair/quad cables with transmission characteristics up to 1 000 MHz - Working area wiring - Blank detail specification, 03/30/2007

47D/678/FDIS, IEC 60191-1, Ed. 2: Mechanical standardization of semiconductor devices - Part 1: General rules for the preparation of outline drawings of discrete devices, 03/30/2007

- 56/1181/FDIS, IEC 60605-6 Ed. 3.0: Equipment reliability testing - Part 6: Tests for the validity and estimation of the constant failure rate and constant failure intensity, 03/30/2007
- 86A/1136/FDIS, IEC 60793-1-42 Ed. 2.0: Optical fibres - Part 1-42: Measurement methods and test procedures - Chromatic dispersion, 03/30/2007
- 15/369/FDIS, IEC 60454-3-4 Ed. 3.0: Pressure-sensitive Adhesive tapes for electrical purposes - Part 3: Specifications for individual materials - Sheet 4: Cellulose paper, creped and non-creped, with rubber thermosetting adhesive, 04/06/2007
- 16/461/FDIS, IEC 60446 Ed. 4.0: Basic and safety principles for man-machine interface, marking and identification - Identification of conductors by colours or alphanumerics, 04/06/2007
- 45A/648/FDIS, IEC 60671 Ed.2: Nuclear power plants - Instrumentation and control systems important to safety - Surveillance testing, 04/06/2007
- 46C/820/FDIS, IEC 60189-1: Low-frequency cables and wires with PVC insulation and PVC sheath - Part 1: General test and measuring methods, 04/06/2007
- 46C/821/FDIS, IEC 60189-2: Low-frequency cables and wires with PVC insulation and PVC sheath - Part 2: Cables in pairs, triples, quads and quintuples for inside installations, 04/06/2007
- 46C/822/FDIS, IEC 60189-3: Low-frequency cables and wires with PVC insulation and PVC sheath - Part 3: Equipment wires with solid or stranded conductor wires, PVC insulated, in singles, pairs and triples, 04/06/2007
- 47D/679/FDIS, IEC 60191-6-16, Ed. 1: Mechanical standardization of semiconductor devices - Part 6-16: Glossary of semiconductor tests and burn-in sockets for BGA, LGA, FBGA and FLGA, 04/06/2007
- 64/1576/FDIS, IEC 60364-7-721 Ed.1: Low-voltage electrical installations - Part 7-721: Requirements for special installations or locations - Electrical installations in caravans and motor caravans, 04/06/2007
- 86B/2486/FDIS, IEC 61274-1 Ed. 2.0: Adaptors for fibre optic connectors - Part 1: Generic specification, 04/06/2007
- 91/646/FDIS, IEC 61190-1-2, Ed. 2: Attachment materials for electronic assembly - Part 1-2: Requirements for soldering paste for high-quality interconnects in electronics assembly, 04/06/2007
- 91/647/FDIS, IEC 61190-1-3, Ed. 2: Attachment materials for electronic assembly - Part 1-3: Requirements for electronic grade solder alloys and fluxed and non-fluxed solid solders for electronic soldering applications, 04/06/2007
- 91/648/FDIS, IEC 60068-2-69, Ed. 2: Environmental Testing - Part 2-69: Tests - Test Te: Solderability testing of electronic components for surface mounting devices (SMD) by the wetting balance method, 04/06/2007
- 110/107/FDIS, IEC 61988-4, Ed. 1: Plasma Display Panels - Part 4: Climatic and mechanical testing methods, 04/06/2007



# 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.

## ACOUSTICS (TC 43)

[ISO 10848-2/Cor1:2007](#), Acoustics - Laboratory measurement of the flanking transmission of airborne and impact sound between adjoining rooms - Part 2: Application to light elements when the junction has a small influence - Corrigendum, FREE

## FLUID POWER SYSTEMS (TC 131)

[ISO 19879/Cor1:2007](#), Metallic tube connections for fluid power and general use - Test methods for hydraulic fluid power connections - Corrigendum, FREE

## IMPLANTS FOR SURGERY (TC 150)

[ISO 14607:2007](#), Non-active surgical implants - Mammary implants - Particular requirements, \$97.00

## MECHANICAL TESTING OF METALS (TC 164)

[ISO 23718:2007](#), Metallic materials - Mechanical testing - Vocabulary, \$112.00

## OPTICS AND OPTICAL INSTRUMENTS (TC 172)

[ISO 15004-2:2007](#), Ophthalmic instruments - Fundamental requirements and test methods - Part 2: Light hazard protection, \$112.00

## PAPER, BOARD AND PULPS (TC 6)

[ISO 23714:2007](#), Pulps - Determination of water retention value (WRV), \$48.00

## RUBBER AND RUBBER PRODUCTS (TC 45)

[ISO 1407/Cor1:2007](#), Rubber - Determination of solvent extract - Corrigendum, FREE

## STEEL (TC 17)

[ISO 6305-2:2007](#), Railway components - Technical delivery requirements - Part 2: Non-alloy carbon steel baseplates, \$61.00

## TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO 14813-1:2007](#), Intelligent transport systems - Reference model architecture(s) for the ITS sector - Part 1: ITS service domains, service groups and services, \$97.00

## ISO Technical Reports

### FOOTWEAR (TC 216)

[ISO/TR 20572:2007](#), Footwear - Performance requirements for components for footwear - Accessories, \$35.00

[ISO/TR 20879:2007](#), Footwear - Performance requirements for components for footwear - Uppers, \$82.00

[ISO/TR 20880:2007](#), Footwear - Performance requirements for components for footwear - Outsoles, \$71.00

[ISO/TR 20881:2007](#), Footwear - Performance requirements for components for footwear - Insoles, \$61.00

[ISO/TR 20882:2007](#), Footwear - Performance requirements for components for footwear - Lining and insoles, \$82.00

[ISO/TR 20883:2007](#), Footwear - Performance requirements for components for footwear - Shanks, \$30.00

[ISO/TR 22648:2007](#), Footwear - Performance requirements for components for footwear - Stiffeners and toepuffs, \$30.00

## ISO/IEC JTC 1, Information Technology

[ISO/IEC 14143-1:2007](#), Information technology - Software measurement - Functional size measurement - Part 1: Definition of concepts, \$41.00

[ISO/IEC 23003-1:2007](#), Information technology - MPEG audio technologies - Part 1: MPEG Surround, \$223.00

[ISO/IEC 24709-1:2007](#), Information technology - Conformance testing for the biometric application programming interface (BioAPI) - Part 1: Methods and procedures, \$238.00

[ISO/IEC 24709-2:2007](#), Information technology - Conformance testing for the biometric application programming interface (BioAPI) - Part 2: Test assertions for biometric service providers, \$238.00

[ISO/IEC 24727-1:2007](#), Identification cards - Integrated circuit card programming interfaces - Part 1: Architecture, \$82.00



# 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

### PINS Correction

#### Change to Project Intent

In the PINS section of Standards Action, February 2, 2007, the project intent for BSR INCITS PN-1563-R-200x, Information technology - Finger Pattern Data Interchange Format, was incorrectly listed as a supplement. This project is a revision to ANSI INCITS 377-2004.

## ANSI Accredited Standards Developers

### Administrative Reaccreditation

#### ASC OP – Optics and Electro-Optical Instruments

Accredited Standards Committee OP, Optics and Electro-Optical Instruments, has been administratively reaccredited at the direction of the Executive Standards Council, under operating procedures revised to bring the document into compliance with the 2007 version of the ANSI Essential Requirements, effective February 7, 2007. For additional information, please contact the Secretariat of ASC OP: Mr. Gene Kohlenberg, Executive Director, Optics and Electro-Optics Standards Council, P.O. Box 25705, Rochester, NY 14625-0705; PHONE and FAX: (585) 377-2540; E-mail: gene.kohlenberg@toast.net.

#### Approvals of Reaccreditation

#### ASC Z223 – National Fuel Gas Code

ANSI's Executive Standards Council has approved the reaccreditation of Accredited Standards Committee Z223, National Fuel Gas Code, under revised operating procedures for documenting consensus on proposed American National Standards, effective February 7, 2007. For additional information, please contact the Secretariat of ASC Z223: Mr. Paul Cabot, NFGC Administrator, American Gas Association, 400 N. Capitol Street NW, Washington, DC 20001; PHONE: (202) 824-7312; FAX: (202) 824-9122; E-mail: pcabot@aga.org.

#### ASC Z380 – Gas Piping Technology

ANSI's Executive Standards Council has approved the reaccreditation of Accredited Standards Committee Z380, Gas Piping Technology, under revised operating procedures for documenting consensus on proposed American National Standards, effective February 7, 2007. For additional information, please contact the Secretariat of ASC Z380: Mr. Paul Cabot, ASC Z380 Administrator, American Gas Association, 400 N. Capitol Street NW, Washington, DC 20001; PHONE: (202) 824-7312; FAX: (202) 824-9122; E-mail: pcabot@aga.org.

## International Organization for Standardization (ISO)

### Proposal for a New Field of ISO Technical Work

#### Standardization of Network Services Billing

#### Comment Deadline: March 13, 2007

The ISO Committee on Consumer Policy (COPOLCO) has submitted a new work item proposal for a new ISO Standard on Standardization of Network Services Billing with the following scope statement:

This International Standard would provide a framework for transparent billing information and inquiry and redress systems, and customer-oriented billing and provision of retail network services. It is designed for gas and electricity utilities but could also be used by other utilities (e.g., water, telecommunications).

A copy of the proposal can be obtained for review by contacting Henrietta Scully of ANSI via e-mail at hscully@ansi.org.

Responses on the proposal that are sent to Steven Cornish of ANSI via e-mail, scornish@ansi.org, by Tuesday, March 13, 2007 will be compiled and used as the basis for a recommended ANSI position and any comments will be presented for the AIC's endorsement to be submitted to ISO.

## U.S. Technical Advisory Groups

### Application for Accreditation

#### Project Management Institute (PMI)

#### Comment Deadline: March 12, 2007

The Project Management Institute (PMI) has submitted and Application for Accreditation for a proposed U.S. Technical Advisory Group (TAG) to a new ISO project committee (PC 234) on Project Management, and a request for approval as TAG Administrator. The proposed TAG will operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

For additional information, or to offer comments, please contact: Mr. Eddie Robertson, Standards Compliance Specialist, Project Management Institute, Four Campus Boulevard, Newtown Square, PA 19073-3299; PHONE: (610) 356-4600, ext. 5065; FAX: (610) 355-1669; E-mail: eddie.robertson@pmi.org. Please forward any comments on this application to PMI, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (FAX: (212) 840-2298; E-mail: jthomps@ansi.org) by March 12, 2007.

## Meeting Notice

### ASC Z80 – Ophthalmics

The ASC Z80 Committee will hold its Spring Meeting on April 16 – 17, 2007 at the Alexandria Old Town Hilton, located up river from Washington, DC. To get information about this meeting, please call Kris Dinkle at Optical Laboratories Association at 1-800-477-5652.

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**BSR Z136.1-200x**

Final substantive changes to the revision of ANSI Z136.1 (2000)

4.7.3.1 Danger. The signal word “Danger” shall be used with all signs and labels associated with all lasers and laser systems that exceed the applicable MPE for irradiance, ~~and including all Class 2M, 3R, Class 3B, and Class 4~~ lasers and laser systems (see Figure 1b). The OD of protective eyewear and wavelength shall be shown on the sign for a location requiring the use of eyewear.

4.7.3.2 Caution. The signal word “Caution” shall be used with all signs and labels associated with Class 2 and Class 2M lasers and laser systems, which ~~and all Class 3R lasers and laser systems that~~ do not exceed the applicable MPE for irradiance (see Figure 1a).

Changes to the caption on Fig. 1a and 1b:

Figure 1a. Sample Warning Sign for Class 2 and ~~Certain Class 3R~~2M Lasers

Figure 1b. Sample Warning Sign for ~~Certain Class 3R, Lasers and for Class~~ Class 2M, 3B, and Class 4 Lasers

**BSR A300 (Part 4)-200x**

There is one new subclause with one new requirement:

*46.5.1.1 Lightning protection system design shall be specified to achieve the established objective*

**BSR/UL 2024-200x****1. Propane Gas Burner Proposal:****12.2 Apparatus**

12.2.1 The test flame is to be supplied by means of a strip or ribbon type of propane-gas burner<sup>a</sup> whose flame-producing surface consists essentially of a flat metal plate 13-7/16 inches long and 1-5/32 inches wide (341 mm long by 30 mm wide) through which 242 holes that are 0.052 inch (No. 55 drill) [1.35 mm (1.35 mm metric drill size)] in diameter are drilled on 0.125 inch (3.2 mm) centers in three staggered rows of 81, 80 and 81 holes each to form an array measuring 10-1/8 inches by 3/16 inch (257 mm by 5 mm) centered on the plate (see Figure 12.1).

<sup>a</sup> ~~A burner (catalog No. 10L 11 – 55) and venturi meter (catalog No. 14 – 18) that can be used to effect compliance with the requirements in 12.2.1 are available from the American Gas Furnace Company, Spring Street, Elizabeth, New Jersey 07101. Carlisle Machine Works, Inc. (412 S. Wade Blvd, Millville, NJ 08332) manufactures the following equipment that complies with the test specifications: burner, catalog no. 55AGF001-0098, venturi mixer, catalog no. 55AGF001-0113, and a kit including both the burner and mixer, catalog no. 55AGF001-0091.~~

**2. Conduit Identification Marking Proposal:****15.2 Surface marking**

15.2.1 The following information shall be marked on the raceway by ink, embossing, indent printing, on a marker tape under the jacket, or by other permanent means at least every 5 ft (1.5 m):

- a) ~~The name of the manufacturer, that manufacturer's trade name for the raceway, or both, or any other acceptable distinctive marking by means of which the organization responsible for the raceway can readily be identified. If the organization that is responsible for the raceway is different from the actual manufacturer, both the responsible organization and the actual manufacturer shall be identified by name or by acceptable coding such as by trade name, trademark or the assigned electrical reference number. The meaning of any coded identification shall be made available. A private labeler may also be identified.~~
- b) The word "Plenum" if found to comply with the requirements in Test for Flame Propagation and Smoke Density Values (Plenum), Section 10.
- c) The word "Riser" if found to comply with the requirements in Test for Flame Propagation (Riser), Section 11.

**15.3 Carton, reel or tag marking**

15.3.1 The following information shall be marked on the carton or reel or tagged on each coil or bundle of optical fiber and communication cable raceway:

- a) The name of the manufacturer, that manufacturer's trade name for the raceway, or both, or any other acceptable distinctive marking by means of which the organization responsible for the raceway can readily be identified. ~~If the organization that is responsible for the raceway is different from the actual manufacturer, both the responsible organization and the actual manufacturer shall be identified by name or by acceptable coding such as by trade name, trademark or the assigned electrical reference number. The meaning of any coded identification shall be made available. A private labeler may also be identified.~~
  
- b) The word "Plenum" if found to comply with the requirements in Test for Flame Propagation and Smoke Density Values (Plenum), Section 10.
  
- c) The word "Riser" if found to comply with the requirements in Test for Flame Propagation (Riser), Section 11.
  
- d) The date of manufacture by month and year. The date of manufacture may be abbreviated, or may be in a nationally accepted conventional code or in a code affirmed by the manufacturer, provided that the code does not require reference to the production records of the manufacturer to determine when the device was manufactured.