

# **ANSI** STANDARDS ACTION

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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](mailto:psa@ansi.org)

★ Standard for consumer products

## Comment Deadline: December 26, 2005

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

#### New Standards

- ★ BSR/AIAA S-102.2.11-200x, Performance-Based Anomaly Detection and Response Analysis (new standard)

Establishes uniform requirements and criteria for a performance-based Anomaly Detection and Response (ADR) Analysis process. The performance-based aspect of this Standard requires that the organization's ADR Analysis capability be rated according to predetermined criteria for process capability and data maturity.

Single copy price: N/A for public review

Obtain an electronic copy from: [http://aiaa.kavi.com/public/pub\\_rev](http://aiaa.kavi.com/public/pub_rev)

Order from: [http://aiaa.kavi.com/public/pub\\_rev](http://aiaa.kavi.com/public/pub_rev)

Send comments (with copy to BSR) to: Use comment template on website to submit comments.

- ★ BSR/AIAA S-102.2.18-200x, Performance-Based Fault Tree Analysis Requirements (new standard)

Establishes uniform requirements and criteria for a performance-based Fault Tree Analysis (FTA), including the modeling components, symbols and analytical objectives. The performance-based aspect of this Standard requires that the organization's FTA capability be rated according to predetermined criteria for process capability and data maturity. Although it is a common industry practice for FTA to be performed using computerized tools, this Standard does not mandate that any particular computerized methodology be used.

Single copy price: N/A for public review

Obtain an electronic copy from: [http://aiaa.kavi.com/public/pub\\_rev](http://aiaa.kavi.com/public/pub_rev)

Order from: [http://aiaa.kavi.com/public/pub\\_rev](http://aiaa.kavi.com/public/pub_rev)

Send comments (with copy to BSR) to: Use comment template on website to submit comments.

### AISI (American Iron and Steel Institute)

#### New Standards

- ★ BSR/AISI/COS/TS 9-200x, Standard Test Method for Determining the Web Crippling Strength of Cold-formed Steel Beams (new standard)

This performance test method establishes procedures for conducting tests to determine the web crippling strength of cold-formed steel flexural members.

Single copy price: Free

Obtain an electronic copy from: [hchen@steel.org](mailto:hchen@steel.org)

Order from: Helen Chen, AISI; [Hchen@steel.org](mailto:Hchen@steel.org)

Send comments (with copy to BSR) to: Same

- ★ BSR/AISI/COS/TS 10-200x, Test Method for Distortional Buckling of Cold-formed Steel Hat-Shaped Columns (new standard)

This test method establishes procedures for determining the distortional buckling strength of cold-formed steel hat-shaped columns with an open cross section.

Single copy price: Free

Obtain an electronic copy from: [hchen@steel.org](mailto:hchen@steel.org)

Order from: Helen Chen, AISI; [Hchen@steel.org](mailto:Hchen@steel.org)

Send comments (with copy to BSR) to: Same

- ★ BSR/AISI/COS/TS 11-200x, Method for Flexural Testing of Cold-formed Steel Hat-Shaped Beams (new standard)

This test method establishes procedures for determining the nominal flexural strength of an open hat-shaped cross section subject to negative bending moment.

Single copy price: Free

Obtain an electronic copy from: [hchen@steel.org](mailto:hchen@steel.org)

Order from: Helen Chen, AISI; [Hchen@steel.org](mailto:Hchen@steel.org)

Send comments (with copy to BSR) to: same

- ★ BSR/AISI/COS/TS 12-200x, Test Procedure for Determining a Strength Value for a Roof Panel-to-Purlin-to-Anchorage Device Connection (new standard)

The purpose of this test is to obtain lower bound strength values for the roof panel-to-purlin-to-anchorage device connections in through-fastened and standing seam, multi-span, multi-purlin line roof systems. The test is not intended to determine the ultimate strength of the connections.

Single copy price: Free

Obtain an electronic copy from: [hchen@steel.org](mailto:hchen@steel.org)

Order from: Helen Chen, AISI; [Hchen@steel.org](mailto:Hchen@steel.org)

Send comments (with copy to BSR) to: Same

### ASTM (ASTM International)

The URL to search for scopes of ASTM standards is:

<http://www.astm.org/dsearch.htm>

For reaffirmations and withdrawals, order from: Customer Service, ANSI  
For new standards and revisions, order from: Corice Leonard, ASTM ; [cleonard@astm.org](mailto:cleonard@astm.org)

For all ASTM standards, send comments (with copy to BSR) to: Corice Leonard, ASTM ; [cleonard@astm.org](mailto:cleonard@astm.org)

#### New Standards

BSR/ASTM Z0820Z-200x, Guide for Establishing a Linear Correlation Relationship Between Analyzer and Test Method Results Using Relevant ASTM Standard Practices (new standard)

Single copy price: \$39.00

BSR/ASTM Z2173Z-200x, Method for Flash Point by Small Scale Closed Cup Tester (Ramp Method) (D7236) (new standard)

Single copy price: \$39.00

#### Revisions

BSR/ASTM D445-200x, Test Method for Kinematic Viscosity of Transparent and Opaque Liquids and the Calculation of Dynamic Viscosity (revision of ANSI/ASTM D445-2004)

Single copy price: \$33.00

BSR/ASTM D892-200x, Test Method for Foaming Characteristics of Lubricating Oils (revision of ANSI/ASTM D892-2003)

Single copy price: \$33.00

BSR/ASTM D2276-200x, Test Method for Particulate Contaminant in Aviation Fuel by Line Sampling (revision of ANSI/ASTM D2276-2000)

Single copy price: \$33.00

BSR/ASTM D2699-200x, Test Method for Research Octane Number of Spark-Ignition Engine Fuel (revision of ANSI/ASTM D2699-2004a)

Single copy price: \$39.00

BSR/ASTM D2700-200x, Test Method for Motor Octane Number of Spark-Ignition Engine Fuel (revision of ANSI/ASTM D2700-2004b)

Single copy price: \$55.00

BSR/ASTM D3948-200x, Test Method for Determining Water Separation Characteristics of Aviation Turbine Fuels by Portable Separometer (revision of ANSI/ASTM D3948-2004)

Single copy price: \$39.00

BSR/ASTM D5452-200x, Test Method for Particulate Contamination in Aviation Fuels by Laboratory Filtration (revision of ANSI/ASTM D5452-2000)

Single copy price: \$33.00

BSR/ASTM D5483-200x, Test Method for Oxidation Induction Time of Lubricating Greases by Pressure Differential Scanning Calorimetry (revision of ANSI/ASTM D5483-2002)

Single copy price: \$33.00

BSR/ASTM D5704-200x, Test Method for Evaluation of the Thermal and Oxidative Stability of Lubricating Oils Used for Manual Transmissions and Final Drive Axles (revision of ANSI/ASTM D5704-2005)

Single copy price: \$39.00

BSR/ASTM D6751-200x, Specification for Biodiesel Fuel Blend Stock B100 for Middle Distillate Fuels (revision of ANSI/ASTM D6751-2004)

Single copy price: \$33.00

## **BIFMA (Business and Institutional Furniture Manufacturers Association)**

### ***New Standards***

BSR/BIFMA M7.1-200x, Standard Test Method for Determining VOC Emissions from Office Furniture Systems, Components and Seating (new standard)

The standard test method is intended for determining volatile organic compounds (VOCs including aldehydes) emissions from office furniture and seating under environmental and product usage conditions that are typical of those in office buildings.

Single copy price: \$20.00

Obtain an electronic copy from: [email@bifma.org](mailto:email@bifma.org)

Order from: BIFMA International, <http://bifma.org/standards/index.html>

Send comments (with copy to BSR) to: Richard Driscoll, BIFMA; [rdriscoll@bifma.org](mailto:rdriscoll@bifma.org)

BSR/BIFMA X7.1-2005, Standard for Formaldehyde and TVOC Emissions of Low-Emitting Office Furniture Systems (new standard)

This standard is intended to provide performance requirements for the emissions of volatile organic compounds (VOC's), including formaldehyde and aldehydes, from office Systems and Seating.

Single copy price: \$20.00

Obtain an electronic copy from: [email@bifma.org](mailto:email@bifma.org)

Order from: BIFMA International, <http://bifma.org/standards/index.html>

Send comments (with copy to BSR) to: Richard Driscoll, BIFMA; [rdriscoll@bifma.org](mailto:rdriscoll@bifma.org)

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

### ***New Standards***

- ★ BSR/IPC 1751-200x, Generic Requirement for Declaration Process Management (new standard)

This standard provides the principles and details for material declaration necessary between members of a supply chain relationship. The descriptions apply to the entire document set and are used to define and maintain the declaration type information. The requirements pertain to both hard copy and electronic data descriptions. This standard provides for the creation of a record that will serve as a legal commitment between trading partners and may be used to establish due diligence in any dispute in third party litigation.

Single copy price: Free

Obtain an electronic copy from:

<http://members.ipc.org/committee/drafts/1751PSB.zip>

Order from: Mary Tunk, IPC; [MaryTunk@ipc.org](mailto:MaryTunk@ipc.org)

Send comments (with copy to BSR) to: Jeanne Cooney, IPC; [JeanneCooney@ipc.org](mailto:JeanneCooney@ipc.org)

- ★ BSR/IPC 1752-200x, Materials Declaration Management (new standard)

This standard establishes the requirements for exchanging materials and substances data between suppliers and their customers for electrical and electronic equipment (EEE). This standard applies to products, components, subparts and materials that are supplied to EEE manufacturers for incorporation into their products. It does not apply to packaging materials (e.g., cardboard, plastic tray). It covers materials and substances that may be present in the supplied product or subpart. It does not apply to process chemicals, unless those process chemicals constitute part of the finished product or subpart.

Single copy price: Free

Obtain an electronic copy from:

<http://members.ipc.org/committee/drafts/1752PSB.zip>

Order from: Mary Tunk, IPC; [MaryTunk@ipc.org](mailto:MaryTunk@ipc.org)

Send comments (with copy to BSR) to: Jeanne Cooney, IPC; [JeanneCooney@ipc.org](mailto:JeanneCooney@ipc.org)

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

### ***New Standards***

BSR/UL 1447-200x, Standard for Safety for Electric Lawn Mowers (new standard)

The 11/11/05 proposed new fourth edition of UL 1447 includes editorial revisions consisting of wording clarifications, updated references, and renumbering of the standard. The scope of UL 1447 covers cord-connected electrically operated lawn mowers rated 250 volts or less, to be employed in accordance with the "American National Standard National Electrical Code," ANSI/NFPA 70. Battery-operated lawn mowers are also covered.

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: Betty McKay, UL-NC; [Betty.C.McKay@us.ul.com](mailto:Betty.C.McKay@us.ul.com)

### ***Revisions***

BSR/UL 325-200x, Standard for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2003)

The following items are subject to comment:

- (1) Revision of the current rating of a residential garage door operator;
- (2) Clarifications regarding the use of a separate entrance for pedestrians with respect to a vehicular gate; and
- (3) Clarification of the location of controls with respect to a vehicular gate.

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: Amy Walker, UL-IL; [Amy.K.Walker@us.ul.com](mailto:Amy.K.Walker@us.ul.com)

BSR/UL 752-200x, Bullet Resisting Equipment (Proposals dated 11/11/05) (revision of ANSI/UL 752-2005)

Proposes the addition of Bullet-Resisting Requirements to resist .50 caliber and 7.62 mm armor piercing rounds.

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: Linda Phinney, UL-SC,  
[Linda.L.Phinney@us.ul.com](mailto:Linda.L.Phinney@us.ul.com)

BSR/UL 844-200x, Standard for Safety for Electric Lighting Fixtures for Use in Hazardous (Classified) Locations (revision of ANSI/UL 844-2004)

This standard covers:

- Luminaires for installation and use in hazardous (classified) locations, CI I, Div 1 & 2, Gps A, B, C, & D; CI II, Div 1, Gps E, F, & G; CI II, Div 2, Gps F & G; & CI III, Div 1 & 2, in accordance with the NEC, ANSI/NFPA 70;

- Explosion-proof luminaires for installation and use in CI I, Zone 1, Gps IIA, IIB, IIB plus Hydrogen & IIC hazardous (classified) locations;

- Luminaires for use only under the following atmospheric conditions:

- (a) A min. ambient temperature of -25 C (-13 F);
- (b) An oxygen concentration not greater than 21% by volume; and
- (c) A nominal barometric pressure of one atmosphere.

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](mailto:Patricia.Vanlaeke@us.ul.com)

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

### New Standards

BSR/VITA 41.0-200x, VXS (new standard)

The VXS proposed standard defines physical features that enable high-speed communication in a VME compatible system. These features include:

- addition of a high-speed connector to the VME64x board in the P0/J0 position;
- a 6U by 160mm by 6HP Eurocard format board with many high-speed connectors, which may act as a switch; and
- the backplane/chassis infrastructure needed to support these features.

Single copy price: Free (Electronic Copy)

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

Order from: (Electronic only; not available on paper)

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

★ BSR/VITA 41.1-200x, VXS 4X InfiniBand Protocol (new standard)

This proposed standard builds upon the VXS proposed standard by describing how VXS boards may communicate in a compatible way using the InfiniBand protocol. Pinouts for both the payload and switch boards are given, as well as the value of the VXS key that indicates this protocol.

Single copy price: Free

Obtain an electronic copy from: Lollie Wheeler, VITA; [lollie@vita.com](mailto:lollie@vita.com)

Order from: (Electronic only; not available on paper)

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

★ BSR/VITA 41.2-200x, VXS 4X Serial Rapid Protocol (new standard)

This proposed standard builds upon the VXS proposed standard by describing how VXS boards may communicate in a standard way using the Serial RapidIO protocol. Pinouts for both the payload and switch boards are given, as well as the value of the VXS key that indicates this protocol.

Single copy price: Free

Obtain an electronic copy from: Lollie Wheeler, VITA; [lollie@vita.com](mailto:lollie@vita.com)

Order from: (Electronic only; not available on paper)

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

★ BSR/VITA 42.1-200x, XMC Switched Mezzanine Card: Parallel RapidIO 8/16 LP-LVDS Protocol Layer Standard (new standard)

This specification defines an open standard for supporting Parallel RapidIO switched interconnect protocol on the XMC form factor.

Single copy price: Free

Obtain an electronic copy from: Lollie Wheeler, VITA; [lollie@vita.com](mailto:lollie@vita.com)

Order from: (Electronic only; not available on paper)

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

## Comment Deadline: January 10, 2006

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

## ALI (Automotive Lift Institute)

### Revisions

BSR/ALI ALCTV-200x, Standard for Automotive Lifts - Safety Requirements for Construction, Testing and Validation (revision of ANSI/ALI ALCTV-1998)

This submittal represents a second public review of this standard covering the safety requirements for the construction, testing and validation of automotive lifts of the following types: manually driven, power driven, stationary and mobile. Lifts that are movable or are designed to tilt the superstructure, or are not "automotive vehicle service lifts" are outside the scope of this standard.

Single copy price: \$10.00

Order from: Bob O'Gorman, ALI; [bob@autolift.org](mailto:bob@autolift.org)

Send comments (with copy to BSR) to: Same

## ASME (American Society of Mechanical Engineers)

### New Standards

BSR/ASME PCC-2-200x, Repair of Pressure Equipment and Piping Standard (new standard)

This standard provides methods for repair of equipment and piping within the scope of ASME Pressure Technology Codes and Standards after it has been placed in service. These repair methods include relevant design, fabrication, examination and testing practices and may be temporary or permanent, depending on the circumstances. The methods provided in this standard address the repair of components when repair is deemed necessary based on appropriate inspection and flaw assessment.

Single copy price: \$70.00

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

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

Send comments (with copy to BSR) to: Umberto D'Urso, ASME;  
[dursou@asme.org](mailto:dursou@asme.org)

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

### **Revisions**

- ★ BSR/UL 1838-200x, Standard for Safety for Low Voltage Landscape Lighting Systems (revision of ANSI/UL 1838-2002)

Proposes new and revised requirements for UL 1838, including proposed new requirements for luminaires for ponds and small decorative fountains.

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: Dixie Stevens, UL-NC;  
Dixie.W.Stevens@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:

### **AWS (American Welding Society)**

BSR/AWS D8.12M-200x, Recommended Practices for Automotive Laser Beam Welding - Lap Joint Configuration (new standard)

## **Notice of Withdrawal: ANS at least 10 years past approval date**

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

ANSI A10.3-1995, Powder Actuated Fastening Systems, Safety Requirements for

## **Correction**

### **BSR/ASME B31Q-200x**

In the November 4, 2005 edition of Standards Action, BSR/ASME B31Q-200x was listed with an incorrect comment deadline. The public review will last 60 days and will close on January 3, 2006.

# Call for Comment Contact Information

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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:

### **AIAA**

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and Astronautics  
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Reston, VA 20191-4344  
Phone: 703-264-7515  
  
Fax: 703-264-7551  
Web: [www.aiaa.org/menu.hfm](http://www.aiaa.org/menu.hfm)

### **AISI**

American Iron and Steel Institute  
1140 Connecticut Avenue, NW  
Suite 705  
Washington, DC 20036  
Phone: (202) 452-7134  
Fax: (202) 463-6573  
Web: [www.steel.org](http://www.steel.org)

### **ALI**

Automotive Lift Institute  
PO Box 85  
Cortland, NY 13045  
Phone: (607) 756-7775  
Fax: (607) 756-0888  
Web: [www.autolift.org](http://www.autolift.org)

### **ANSI**

American National Standards  
Institute  
25 West 43rd Street  
4th Floor  
New York, NY 10036  
Phone: (212) 642-4980  
Web: [www.ansi.org](http://www.ansi.org)

### **ASME**

American Society of Mechanical  
Engineers  
3 Park Avenue, 20th Floor (20N2)  
New York, NY 10016  
Phone: (212) 591-8521  
Fax: (212) 591-8501  
Web: [www.asme.org](http://www.asme.org)

### **ASTM**

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

### **BIFMA**

Business and Institutional Furniture  
Manufacturers Association  
2680 Horizon Drive, S.E., Suite 1-A  
Grand Rapids, MI 495467500  
Phone: (616) 285-3963  
Fax: (616) 285-3765  
Web: [www.bifma.com/](http://www.bifma.com/)

### **comm2000**

1414 Brook Drive  
Downers Grove, IL 60515  
Web: [www.comm-2000.com](http://www.comm-2000.com)

### **IPC**

IPC - Association Connecting  
Electronics Industries  
2215 Sanders Road  
Northbrook, IL 60062  
Phone: 847-597-2825  
Fax: (847) 509-9798  
Web: [www.ipc.org](http://www.ipc.org)

### **VITA**

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

## Send comments to:

### **AIAA**

American Institute of Aeronautics  
and Astronautics  
1801 Alexander Bell Drive  
Suite 500  
Reston, VA 20191-4344  
Phone: 703-264-7515  
Fax: 703-264-7551  
Web: [www.aiaa.org/menu.hfm](http://www.aiaa.org/menu.hfm)

### **AISI**

American Iron and Steel Institute  
1140 Connecticut Avenue, NW  
Suite 705  
Washington, DC 20036  
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Fax: (202) 463-6573  
Web: [www.steel.org](http://www.steel.org)

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Fax: (607) 756-0888  
Web: [www.autolift.org](http://www.autolift.org)

### **ASME**

American Society of Mechanical  
Engineers  
3 Park Avenue  
New York, NY 10016-5990  
Phone: (Umberto D'Urso)  
212-591-8535  
Fax: 212-591-8750  
Web: [www.asme.org](http://www.asme.org)

### **ASTM**

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

### **BIFMA**

Business and Institutional Furniture  
Manufacturers Association  
2680 Horizon Drive, S.E., Suite 1-A  
Grand Rapids, MI 495467500  
Phone: (616) 285-3963  
Fax: (616) 285-3765  
Web: [www.bifma.com/](http://www.bifma.com/)

### **IPC**

IPC - Association Connecting  
Electronics Industries  
3000 Lakeside Drive, Suite 309-S  
Bannockburn, IL 60015  
Phone: (847) 790-5342  
Fax: (847) 509-9798  
Web: [www.ipc.org](http://www.ipc.org)

### **UL-CA**

Underwriters Laboratories, Inc.  
1655 Scott Boulevard  
Santa Clara, CA 95050  
Phone: (408) 876-2688  
Fax: (408) 556-6153

### **UL-IL**

Underwriters Laboratories, Inc.  
333 Pflugsten Road  
Northbrook, IL 60062-2096  
Phone: (847) 664-2850  
Fax: (847) 313-2850

### **UL-NC**

Underwriters Laboratories, Inc.  
12 Laboratory Drive,  
PO Box 13995  
Research Triangle Park, NC  
27709-3995  
Phone: (919) 549-1885  
Fax: (919) 547-6182

### **VITA**

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# Initiation of Canvasses

The following ANSI-accredited standards developers have announced their intent to conduct a canvass on the proposed American National Standard(s) listed herein in order to develop evidence of consensus for submittal to ANSI for approval as an American National Standard. Directly and materially affected interests wishing to participate as a member of a canvass list, i.e., consensus body, should contact the sponsor of the standard within 30 days of the publication date of this issue of Standards Action. Please also review the section entitled "American National Standards Maintained Under Continuous Maintenance" contained in Standards Action for information with regard to canvass standards maintained under the continuous maintenance option.

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

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BSR/NECA 400-200x, Standard for Installing and Maintaining  
Switchboards (revision of ANSI/NECA 400-1999)



# 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.

## ADA (American Dental Association)

### Reaffirmations

ANSI/ADA 15-1999 (R2005), Synthetic Polymer Teeth (reaffirmation of ANSI/ADA 15-1999): 8/19/2005

## ASME (American Society of Mechanical Engineers)

### New Standards

ANSI/ASME B18.31.1M-2005, Metric Continuous and Double End Studs (new standard): 11/9/2005

### Revisions

ANSI/ASME PTC 19.1-2005, Test Uncertainty (revision of ANSI/ASME PTC 19.1-1998 (R2004)): 11/3/2005

### Supplements

ANSI/ASME RA-Sb-2005, Probabilistic Risk Assessment for Nuclear Power Plant Applications (supplement to ANSI/ASME RA-S-2002): 11/9/2005

## ASTM (ASTM International)

### Revisions

ANSI/ASTM E2369-2005, Specification for the Continuity of Care Record (CCR) (revision of ANSI/ASTM E2369-2004): 10/1/2005

## ATIS (Alliance for Telecommunications Industry Solutions)

### Reaffirmations

ANSI T1.105.04-1995 (R2005), Synchronous Optical Network (SONET) - Data Communication Channel Protocols and Architectures (reaffirmation of ANSI T1.105.04-1995 (R2001)): 11/3/2005

ANSI T1.105.08-2001 (R2005), Synchronous Optical Network (SONET) - In-band Forward Error Correction Code Specification (reaffirmation of ANSI T1.105.08-2001): 11/3/2005

### Revisions

ANSI ATIS 0150200-2005, System M-NTSC Television Signals - Network Interface Specifications and Performance Parameters (revision and redesignation of ANSI T1.502-1998): 11/3/2005

ANSI ATIS 0300236-2005, Signaling System 7 (SS7) - ISDN User Part Compatibility Testing (revision and redesignation of ANSI T1.236-2000 (R2004)): 11/3/2005

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

### New Standards

- ★ ANSI E1.8-2005, Entertainment Technology - Loudspeaker Enclosures Intended for Overhead Suspension - Classification, Manufacture and Structural Testing (new standard): 11/3/2005

## HL7 (Health Level Seven)

### Revisions

ANSI/HL7 V3 CR, R3-2005, HL7 Version 3 Standard: Claims and Reimbursement, Release 3 (revision of ANSI/HL7 V3 CR, R2-2004): 11/3/2005

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

### New National Adoptions

INCITS/ISO 19106-2004, Geographic information - Profiles (identical national adoption): 11/3/2005

INCITS/ISO 19116-2004, Geographic information - Positioning services (identical national adoption): 11/3/2005

INCITS/ISO 19117-2005, Geographic information - Portrayal (identical national adoption): 11/3/2005

INCITS/ISO 19125-1-2004, Geographic information - Simple feature access - Part 1: Common architecture (identical national adoption): 11/3/2005

INCITS/ISO 19125-2-2004, Project 1500 - ISO 19125-2:2004, Geographic information - Simple feature access - Part 2: SQL option (identical national adoption): 11/3/2005

INCITS/ISO/IEC 17799-2005, Information technology - Security techniques - Code of practice for information security management (identical national adoption): 11/3/2005

INCITS/ISO/IEC 18014-3-2004, Information technology - Security techniques - Time-stamping services - Part 3: Mechanisms producing linked tokens (identical national adoption): 11/3/2005

INCITS/ISO/IEC 18028-4-2005, Information technology - Security techniques - IT network security - Part 4: Securing remote access (identical national adoption): 11/3/2005

INCITS/ISO/IEC 18033-1-2005, Information technology - Security techniques - Encryption algorithms - Part 1: General (identical national adoption): 11/3/2005

## NASPO (North American Security Products Organization)

### New Standards

ANSI/NASPO-SA v3.0P-2005, Security Assurance Standards for the Document and Product Security Industries (new standard): 11/9/2005

## UL (Underwriters Laboratories, Inc.)

### Revisions

- ★ ANSI/UL 1026-2005, Standard for Safety for Electric Household Cooking and Food Serving Appliances (revision of ANSI/UL 1026-2004a): 11/1/2005
- ANSI/UL 499-2005, Standard for Safety for Electric Heating Appliances (revision of ANSI/UL 499-2004): 11/9/2005

# 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)

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BSR/AAMI/ISO 15882-200x, Sterilization of health care products - Chemical indicators - Guidance for the selection, use and interpretation of results, 4ed (identical national adoption and revision of ANSI/AAMI/ISO 15882-2003)

Stakeholders: Users of steam sterilizers, chemical indicators, and sterilization equipment.

Project Need: Provides guidance for users of chemical indicators on the selection, use and interpretation of results of chemical indicators used in process definition, validation, and routine monitoring and control of sterilization processes.

This document provides guidance for the selection, use and interpretation of results of chemical indicators used in process definition, validation, and routine monitoring and control of sterilization processes. This document does not consider indicators for use in those processes that rely on physical removal of microorganisms, e.g., filtration. This document is not intended to apply to indicators for use in combination processes, for example, washer disinfectors or CIP (cleaning in place) and SIP (sterilization in place).

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BSR/AAMI ST41, 4th edition-200x, Ethylene oxide sterilization in health care facilities: Safety and effectiveness (revision of ANSI/AAMI ST41-1999 (R2005))

Stakeholders: Resuable medical device manufacturers, hospitals, clinical personel, sterilization equipment manufacturers.

Project Need: This standard is being revised to update technical requirements and to cover processes relating to ethylene oxide sterilization and sterility assurance in health care facilities more comprehensively.

Covers the safe and effective use of ethylene oxide, as a sterilant in health care facilities. The provisions of this document are intended to promote sterility assurance, help minimize occupational exposure to ethylene oxide, and guide health care personnel in the proper use of processing equipment.

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

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BSR/AAMI/ISO/IEC 62366-200x, Medical devices - General requirements for safety and essential performance - Usability (identical national adoption and revision of ANSI/AAMI HE74-2001)

Stakeholders: Manufacturers, regulators, clinicians.

Project Need: The usability engineering process is intended to achieve reasonable usability, which in turn is intended to minimize use errors and to minimize use-associated risks.

This standard describes a usability engineering process, and provides guidance on how to implement and execute the process to provide safety in medical devices. It is intended to be useful not only for manufacturers of medical devices, but also for technical committees responsible for the preparation of particular medical device standards.

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

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BSR/AAMI/ISO 10993-1, ed. 4-200x, Biological evaluation of medical devices - Part 1: Evaluation and testing (identical national adoption and revision of ANSI/AAMI/ISO 10993-1-2003)

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

Project Need: Responds to the US need to describe general principles governing the biological evaluation of medical devices.

Describes:

- the general principles governing the biological evaluation of medical devices within a risk management framework;
- the general categorization of devices based on the nature and duration of their contact with the body;
- the evaluation of existing relevant data from all sources;
- the identification of gaps in the available data set on the basis of a risk analysis;
- the identification of additional data sets necessary to analyze the biological safety of the medical device; and
- the assessment of the biological safety of the medical device.

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

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BSR/ASHRAE 41.8-200x, Standard Methods of Measurement of Flow of Liquids in Pipes Using Orifice Flowmeters (new standard)

Stakeholders: Manufacturers of flow meter devices.

Project Need: This standard establishes recommended practices for the measurement of flow of liquids in pipes. It shall also establish the standard technique to be used for the calibration of other instruments more convenient to use.

This standard shall apply to fluids that exist in the liquid physical state and whose thermodynamic properties are such that the fluid will remain in a complete liquid state prior to, during, and following its path through the flow-measuring instrument.

**EIA (Electronic Industries Alliance)**

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BSR/EIA 364-1003-200x, Ball Grid Array (BGA) and Land Grid Array (LGA) Test Sequence for Electrical Connectors and Sockets (new standard)

Stakeholders: Electrical, electronics and telecommunications

Project Need: Create a new standard.

Establishes the test sequences for testing ball grid array and land grid array connectors and sockets. The test sequences as defined herein shall be considered generic.

**HL7 (Health Level Seven)**

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BSR/HL7 EHR, V1-200x, HL7 EHR System Functional Model, Version 1 (new standard)

Stakeholders: The healthcare community, including providers, payers, public health, and IT vendors.

Project Need: There are no current standards that describe EHR System Functions.

The HL7 EHR System Functional Model provides a reference list of functions that may be present in an Electronic Health Record System (EHR-S). The function list is described from a user perspective with the intent to enable consistent expression of system functionality.

BSR/HL7 V3 COMT, R3-200x, HL7 Version 3 Standard: Shared Messages, Release 3 (revision of ANSI/HL7 V3 COMT, R2-2005)

Stakeholders: All HL7 Stakeholders in general.

Project Need: This project extends the current release by the outcomes of various discussions held within the Infrastructure and Messaging TC and by COMT proposals adopted since the release of COMT, R2.

The shared messages domain contains Message Types and Interactions that are shared and used by the various clinical and administrative domains. Release 3 is expanded by the addition of several proposals adopted since Release 2.

BSR/HL7 V3 CP, R1-200x, HL7 Version 3 Standard: Constraints Project, Release 1 (new standard)

Stakeholders: All healthcare developers who are implementing HL7 Version 3.

Project Need: There is no current HL7 standard that covers this area.

This document describes the expression of HL7 Version 3 static model rule-based constraints, in both human readable form, and their mappings to machine readable form. Three major sections of content will be described:

- (1) a notation/language suitable for both human and machine processing for expression of constraints;
- (2) the mechanisms for runtime binding of constraints to message instances; and
- (3) the taxonomy of static models, covering human- and machine-readable representations of both the different types of static models that are supported by HL7, and the types of relationships that can be expressed between static models.

BSR/HL7 V3 PA, R1-200x, HL7 Version 3 Standard: Patient Administration, Release 1 (new standard)

Stakeholders: Healthcare.

Project Need: This standard covers the patient administration domain within the HL7 Version 3 family of standards

HL7 Patient Administration, Release 1 defines messages and interactions for the Person and Patient registries.

BSR/HL7 V3 PHIR, R1-200x, HL7 Version 3 Standard: Public Health Investigation Request, Release 1 (new standard)

Stakeholders: Public Health.

Project Need: The Centers for Disease Control and Prevention has identified a need for an Investigation Request message to be sent between public health partners.

The Public Health Investigation Request is a new topic for the Public Health Reporting domain. The purpose of the topic is to document the artifacts necessary for a request from one public health organization to another to initiate a public health investigation.

BSR/HL7 V3 PM, R2-200x, HL7 Version 3 Standard: Personnel Management, Release 2 (revision of ANSI/HL7 V3 PM, R1-2005)

Stakeholders: Healthcare.

Project Need: The committee has identified the need to modify the Release 1 normative content for Provider and Organization topics to add audit data capability.

The Personnel Management TC will submit its first committee ballot for the Organization Topic, Release 2 and the first committee ballot for the Provider Topic, Release 2. This document provides support for audit data additions to the normative Provider and Organization messages as determined to support registry messaging. This ballot includes audit data modifications to the normative Release 1 Provider and Organization messages.

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

Stakeholders: Any HL7 TC/SIGs that deal with medications and pharmacy messages or CMETs.

Project Need: Countries such as the Netherlands, Canada and the UK require normative standards and have been working with the HL7 Pharmacy SIG to harmonize approaches.

The Medication domain provides common medication constructs (through CMETS) for use by other HL7 TC/SIGs and provides messaging support for drug knowledge base queries.

BSR/HL7 V3 PORT, R2-200x, HL7 Version 3 Standard: Periodic Reporting of Clinical Trials Laboratory Results, Release 2 (revision of ANSI/HL7 V3 PORT, R1-2004)

Stakeholders: Pharmaceutical industry, the regulatory agencies, and service providers.

Project Need: Provides a standard to transmit genetic analysis for drug metabolism markers and disease markers between all parties involved in a regulated clinical research study.

Pharmacogenomics data have been added in this release of the Periodic Reporting of Clinical Trial Laboratory Results standard. These additions will allow the message to be used to transmit sequence and microarray based pharmacogenomics data (and the significant findings, genotypes and phenotypes derived from the raw data) between the laboratories, pharmaceutical companies and regulatory agencies involved in a regulated clinical research study.

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

Stakeholders: Any HL7 TC/SIGs that deal with medication and pharmacy messages or CMETs.

Project Need: Countries such as the Netherlands, Canada and the UK require normative standards and have been working with the HL7 Pharmacy SIG to harmonize approaches.

The Pharmacy domain includes support for prescribing, dispensing and administration messages, as well as Rx status management, active medications and patient Rx queries.

BSR/HL7 V3 RM, R1-200x, HL7 Version 3 Standard: Transport Specification - ISO 9660-Compliant Removable Media, Release 1 (new standard)

Stakeholders: Healthcare.

Project Need: This project is needed to provide a standard means of transporting HL7 payloads over removable media such as CD and USB Flash.

This document defines an implementable technology specification (ITS) for ISO 9660-compliant removable media (e.g., CD, flash).

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

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BSR N42.44-200x, Performance and Evaluation of Checkpoint Cabinet X-Ray Imaging Security-Screening Systems (new standard)

Stakeholders: The USDHS, USDOE, and USNRC.

Project Need: To establish standard methods to measure and report the technical characteristics of imaging performance for checkpoint cabinet x-ray security-screening systems and to establish minimally acceptable imaging performance.

This standard describes the technical and operational performance criteria and the test methods to evaluate the performance of cabinet x-ray imaging systems used for screening at security checkpoints and other inspection venues. This standard addresses systems that can accept items with cross sections smaller than 1 m x 1 m, and includes systems that may have automatic threat alerts.

BSR N42.45-200x, Evaluating the Image Quality of X-ray Computed Tomography (CT) Security-Screening Systems (new standard)

Stakeholders: The USDHS, USDOE, and USNRC.

Project Need: To provide standard test methods for measuring and reporting the image quality of x-ray CT security-screening systems in the environmental conditions of operation.

This standard provides test methods for the evaluation of image quality of CT security screening systems. The quality of data for automated analysis and the quality of the displayed image are the primary concerns. Test methods also include environmental performance criteria such as temperature and humidity conditions. This standard does not address the performance of automated explosives detection.

BSR N42.46-200x, Measuring the Performance of Imaging X-ray and Gamma-ray Systems for Cargo and Vehicle Security Screening (new standard)

Stakeholders: The USDHS, USDOE, and USNRC.

Project Need: To provide standard methods of describing and measuring operational performance characteristics for imaging x-ray and gamma-ray systems intended for the security screening of cargo and vehicles.

This standard describes the technical and operational performance criteria and the test methods to evaluate the performance of all x-ray and gamma-ray systems intended to inspect loaded or empty vehicles; marine and air cargo containers of any size; railroad cars; and palletized or unpalletized cargo larger than 1 m x 1 m in cross-section. This standard addresses systems employing primary (transmission) and/or scatter (e.g., backscatter) radiation detection, that can have automatic active or passive threat alerts as a complementary feature, and are used to detect prohibited and controlled materials and/or to verify manifests.

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

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BSR INCITS PN-1676-R-200x, Information technology - Biometric Profile - Interoperability and Data Interchange - DoD Implementations (new standard)

Stakeholders: Existing markets for biometric technology.

Project Need: Creates biometric application profile standards that the United States DoD can fully utilize.

The proposed standard is intended to support the deployment of biometric technologies in US Department of Defense (DoD) organizations and activities. The proposed standard's goals include facilitating an increase of interoperability and data interchange in DoD deployments of biometrics.

BSR INCITS PN-1795-D-200x, Information technology - Fibre Channel BaseT (FC-BaseT) (new standard)

Stakeholders: Existing and conceived products in both the channel and network markets.

Project Need: To improve the Fibre Channel competitiveness in low-cost environments, a new physical level that enable Fibre Channel to leverage and use the existing Category 5e and 6 copper cabling technology is required. A standard is needed to define this new physical level.

This project proposal recommends the development of a new physical level usable by the FC protocol transport level and the command sets above it. This new specification is intended to use the connectors and cabling referenced by the IEEE Std 802.3-2005 (Ethernet).

BSR INCITS PN-1796-D-200x, Information technology - Fibre Channel Backbone, Generation 4 (FC-BB-4) (new standard)

Stakeholders: Existing and conceived products in both the channel and network markets.

Project Need: The Fibre Channel Backbone standards (FC-BB, FC-BB-2, FC-BB-3) describe how Fibre Channel networks may be extended over varying geographical distances using the ATM, SONET, IP WAN and GFPT protocols.

FC-BB-4 defines the mechanisms, services, and protocols to connect Fibre Channel islands over geographical areas of varying scope.

**BSR INCITS PN-1797-D-200x, Information technology - Keystroke Dynamics Format for Data Interchange (new standard)**

**Stakeholders:** Existing markets for keystroke dynamics technology.  
**Project Need:** To promote interoperability and prevent wide deployment of proprietary solutions.

The proposed standard will define data formats for exchange of keystroke dynamics biometric information. The data record will contain the elements required to characterize the behavioral pattern of a particular end user's entry of a password or other phrase. This is anticipated to include a sequence of time-stamped input events, consisting of input code, input down time, input up time, and other information. A header structure will be provided that is comparable to header structures in existing INCITS biometric dataformat standards. The keystroke dynamics data record will be compatible with ANSI/INCITS 358-2002, the BioAPI Version 1.1 specification.

**MHI (Material Handling Industry)**

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**BSR MH29.1-200x, Safety Requirements for Industrial Scissors Lifts (revision of ANSI MH29.1-2003)**

**Stakeholders:** Designers, manufacturers, sellers, installers, owners, users and governing bodies of industrial scissors lifts

**Project Need:** Outlines changes to requirements for indicator bars used in guarding. Also updated references.

Covers industrial scissors lifts raising and lowering materials by hydraulic, pneumatic, mechanical or electro-mechanical means and stationary or movable lifts used to position, feed, transfer, load or unload materials.

**NAAMM (National Association of Architectural Metal Manufacturers)**

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**BSR/NAAMM MBG 533-200x, Welding Specifications for Fabrication of Steel, Aluminum, and Stainless Steel Bar Grating (new standard)**

**Stakeholders:** Manufacturers, fabricators, installers, designers, and users of metal bar grating.

**Project Need:** To provide standards to be used in the manufacture, fabrication, and installation of metal bar grating.

This Standard covers fillet welding requirements as they apply to bar grating made of steel, aluminum, and stainless steel. The provisions cover banding, toe plates, treads, and miscellaneous material. The provisions are not intended to cover high-stress structural welds.

**NSF (NSF International)**

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**BSR/NSF 332-200x, Sustainability Assessment Standard for Resilient Floor Coverings (new standard)**

**Stakeholders:** Resilient floor covering manufacturers and suppliers, architects, designers, building product specifiers.

**Project Need:** To attain a national consensus standard on what constitutes environmentally preferable and sustainable resilient floor coverings.

The standard is intended to establish a consistent approach to the evaluation and determination of environmentally preferable and sustainable resilient floor coverings. This standard will include relevant criteria across the product life cycle from raw material extraction through manufacturing, use and end-of-life management.

**SIA (ASC A92) (Scaffold Industry Association)**

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**BSR/SIA A92.2-200x, Vehicle-Mounted Elevating and Rotating Aerial Devices (revision of ANSI/SIA A92.2-2001)**

**Stakeholders:** Manufacturers, dealers, installers, maintenance personnel, operators.

**Project Need:** To revise a previously approved A92.2 ANS.

This standard applies to the establishment of criteria for design, manufacture, testing, inspection, installation, maintenance, use, training, and operation of vehicle-mounted aerial devices, primarily used to position personnel, installed on a chassis to achieve the following objectives:

- (1) Prevention of personal injuries and accident;
- (2) Uniformity in ratings; and
- (3) Understanding by manufacturers, dealers, installers, maintenance personnel, operators, owners and users of their respective responsibilities.

# 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
- ASC B109 (AGA)
- ASHRAE
- ASME
- ASTM
- 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 <http://public.ansi.org/ansionline/Documents/Standards%20Activities/American%20National%20Standards/Procedures,%20Guides,%20and%20Forms/>.

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.**

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### AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 21459, Space data and information transfer systems - Proximity-1 space link protocol - Coding and synchronization sublayer - 2/9/2006, \$87.00

ISO/DIS 21460, Space data and information transfer systems - Proximity-1 space link protocol - Physical layer - 2/9/2006, \$97.00

### ELEVATING WORK PLATFORMS (TC 214)

ISO/DIS 16368, Mobile elevating work platforms - Design, calculations, safety requirements and test methods - 2/9/2006, \$154.00

### FLOOR COVERINGS (TC 219)

ISO/DIS 24343-1, Resilient and laminate floor coverings - Determination of indentation and residual indentation - Part 1: Residual indentation - 2/10/2006, \$32.00

### FURNITURE (TC 136)

ISO/DIS 21016, Office furniture - Tables and desks - Test methods for the determination of stability, strength and durability - 2/16/2006, \$76.00

### GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO/DIS 19111, Geographic information - Spatial referencing by coordinates - 2/2/2006, \$144.00

### IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 18192-1, Implants for surgery - Wear of total intervertebral spinal disc prostheses - Part 1: Loading and displacement parameters for wear testing and corresponding environmental conditions for test - 2/10/2006, \$81.00

### INTERNAL COMBUSTION ENGINES (TC 70)

ISO/DIS 8178-5, Reciprocating internal combustion engines - Exhaust emission measurement - Part 5: Test fuels - 2/9/2006, \$106.00

### MACHINE TOOLS (TC 39)

ISO/DIS 13041-3, Test conditions for numerically controlled turning machines and turning centres - Part 3: Geometric tests for machines with inverted vertical workholding spindles - 2/9/2006, \$87.00

### NUCLEAR ENERGY (TC 85)

ISO/DIS 21482, Supplementary ionizing-radiation warning sign - 2/9/2006, \$32.00

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

ISO/DIS 80000-5, Quantities and units - Part 5: Thermodynamics - 2/3/2006, \$87.00

### ROAD VEHICLES (TC 22)

ISO/DIS 2705, Road vehicles - M12 x 1,25 spark-plugs with flat seating and their cylinder head housings - 2/10/2006, \$39.00

ISO/DIS 8470, Road vehicles - M14 x 1,25 spark-plugs with flat seating and 16 mm hexagon and their cylinder head housings - 2/10/2006, \$45.00

ISO/DIS 15500-20, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 20: Rigid fuel line in material other than stainless steel - 2/9/2006, \$32.00

ISO/DIS 16234, Heavy commercial vehicles and buses - Straight-ahead braking on surfaces with split coefficient of friction - Open loop test method - 2/9/2006, \$67.00

### TEXTILES (TC 38)

ISO/DIS 20743, Textiles - Determination of antibacterial activity of antibacterial finished products - 2/2/2006, \$87.00

## ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 26300, Open Document Format for Office Applications (OpenDocument) v1.0 - 3/2/2006, \$298.00



# 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.

## ACOUSTICS (TC 43)

[ISO 389-7:2005](#), Acoustics - Reference zero for the calibration of audiometric equipment - Part 7: Reference threshold of hearing under free-field and diffuse-field listening conditions, \$53.00

## AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO 8262-3:2005](#), Milk products and milk-based foods - Determination of fat content by the Weibull-Berntrop gravimetric method (Reference method) - Part 3: Special cases, \$53.00

[ISO 14183:2005](#), Animal feeding stuffs - Determination of monensin, narasin and salinomycin contents - Liquid chromatographic method using post-column derivatization, \$81.00

[ISO 21570:2005](#), Foodstuffs - Methods of analysis for the detection of genetically modified organisms and derived products - Quantitative nucleic acid based methods, \$164.00

## AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 4118:2005](#), Air cargo - Non-certified containers for the lower deck of large-capacity aircraft - Specification and testing, \$97.00

## DENTISTRY (TC 106)

[ISO 6360-3:2005](#), Dentistry - Number coding system for rotary instruments - Part 3: Specific characteristics of burs and cutters, \$62.00

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

[ISO 7240-11:2005](#), Fire detection and alarm systems - Part 11: Manual call points, \$106.00

## ERGONOMICS (TC 159)

[ISO 20685:2005](#), 3-D scanning methodologies for internationally compatible anthropometric databases, \$76.00

## INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

[ISO 10303-41:2005](#), Industrial automation systems and integration - Product data representation and exchange - Part 41: Integrated generic resource: Fundamentals of product description and support, \$213.00

[ISO 23570-1:2005](#), Industrial automation systems and integration - Distributed installation in industrial applications - Part 1: Sensors and actuators, \$45.00

[ISO 23570-2:2005](#), Industrial automation systems and integration - Distributed installation in industrial applications - Part 2: Hybrid communication bus, \$92.00

## LABORATORY GLASSWARE AND RELATED APPARATUS (TC 48)

[ISO 24450:2005](#), Laboratory glassware - Wide-necked boiling flasks, \$32.00

## MATERIALS FOR THE PRODUCTION OF PRIMARY ALUMINIUM (TC 226)

[ISO 8008:2005](#), Aluminium oxide primarily used for the production of aluminium - Determination of specific surface area by nitrogen adsorption, \$45.00

## MECHANICAL CONTRACEPTIVES (TC 157)

[ISO 16038:2005](#), Rubber condoms - Guidance on the use of ISO 4074 in the quality management of natural rubber latex condoms, \$58.00

## OPTICS AND OPTICAL INSTRUMENTS (TC 172)

[ISO 13694/Cor1:2005](#), Optics and optical instruments - Lasers and laser-related equipment - Test methods for laser beam power (energy) density distribution - Corrigendum, FREE

[ISO 14490-2:2005](#), Optics and optical instruments - Test methods for telescopic systems - Part 2: Test methods for binocular systems, \$39.00

[ISO 14490-4:2005](#), Optics and optical instruments - Test methods for telescopic systems - Part 4: Test methods for astronomical telescopes, \$45.00

## PLASTICS (TC 61)

[ISO 4892-4/Cor1:2005](#), Plastics - Methods of exposure to laboratory light sources - Part 4: Open-flame carbon-arc lamps - Corrigendum, FREE

## ROAD VEHICLES (TC 22)

[ISO 17356-3:2005](#), Road vehicles - Open interface for embedded automotive applications - Part 3: OSEK/VDX Operating System (OS), \$132.00

## SOIL QUALITY (TC 190)

[ISO 11269-2:2005](#), Soil quality - Determination of the effects of pollutants on soil flora - Part 2: Effects of chemicals on the emergence and growth of higher plants, \$58.00

## STEEL (TC 17)

[ISO 4998:2005](#), Continuous hot-dip zinc-coated carbon steel sheet of structural quality, \$62.00

[ISO 4999:2005](#), Continuous hot-dip terne (lead alloy) coated cold-reduced carbon steel sheet of commercial, drawing and structural qualities, \$76.00

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

[ISO 24347:2005](#), Agricultural vehicles - Mechanical connections between towed and towing vehicles - Dimensions of ball-type coupling device (80 mm), \$53.00

## TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO 14816:2005](#), Road transport and traffic telematics - Automatic vehicle and equipment identification - Numbering and data structure, \$101.00



**WATER QUALITY (TC 147)**

[ISO 20079:2005](#), Water quality - Determination of the toxic effect of water constituents and waste water on duckweed (Lemna minor) - Duckweed growth inhibition test, \$81.00

**ISO Technical Reports****CRANES (TC 96)**

[ISO/TR 25599:2005](#), Cranes - Jib cranes - International Standards for design, manufacturing, use and maintenance requirements and recommendations, \$45.00

**ISO Technical Specifications****QUALITY MANAGEMENT AND CORRESPONDING GENERAL ASPECTS FOR MEDICAL DEVICES (TC 210)**

[ISO/TS 19218:2005](#), Medical devices - Coding structure for adverse event type and cause, \$58.00

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

[ISO/IEC 14165-116:2005](#), Information technology - Fibre Channel - Part 116: 10 Gigabit (10GFC), \$144.00

[ISO/IEC 14496-16/Cor2:2005](#), Information technology - Coding of audio-visual objects - Part 16: Animation Framework eXtension (AFX) - Corrigendum, FREE

[ISO/IEC 18031:2005](#), Information technology - Security techniques - Random bit generation, \$174.00

[ISO/IEC 19796-1:2005](#), Information technology - Learning, education and training - Quality management, assurance and metrics - Part 1: General approach, \$174.00

[ISO/IEC 21000-16:2005](#), Information technology - Multimedia framework (MPEG-21) - Part 16: Binary Format, \$39.00

[ISO/IEC 23912:2005](#), Information technology - 80 mm (1,46 Gbytes per side) and 120 mm (4,70 Gbytes per side) DVD Recordable Disk (DVD-R), \$174.00

[ISO/IEC 23915:2005](#), Information technology - Telecommunications and information exchange between systems - Corporate Telecommunication Networks - Signalling Interworking between QSIG and SIP - Call Diversion, \$101.00

[ISO/IEC 23917:2005](#), Information technology - Telecommunications and information exchange between systems - NFCIP-1 - Protocol Test Methods, \$124.00

# 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 members 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, who in turn disseminates the information to all WTO members. The purpose of this requirement is to provide trading partners with an opportunity to review and comment on the regulation before it becomes final.

To distribute information on these proposed foreign technical regulations, the National Center for Standards and Certification Information

(NCSCI), National Institute of Standards and Technology (NIST), provides an on-line service - Export Alert! - that allows interested parties to register and obtain notifications, via e-mail, for countries and industry sectors of interest to them. To register, go to <http://ts.nist.gov/ncsci> and click on "Export Alert!".

NCSCI serves as the U.S. WTO TBT inquiry point and receives copies of all notifications, in English, to disseminate to U.S. industry. To obtain copies of the full text of the regulations or for further information, contact NCSCI, NIST, 100 Bureau Drive, Stop 2160, Gaithersburg, MD 20899-2160; telephone (301) 975-4040; fax (301) 926-1559, e-mail - [ncsci@nist.gov](mailto:ncsci@nist.gov).

NCSCI will also request an extension of the comment period and transmit comments to the issuing foreign agency for consideration.

# Information Concerning

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## ANSI Accredited Standards Developers

### Accreditation Maintained

#### National Fluid Power Association (NFPA)

At the direction of ANSI's Executive Standards Council, the National Fluid Power Association's accreditation has been administratively maintained under revised operating procedures for documenting consensus on proposed American National Standards, under its original date of accreditation, November 18, 2004. This action is taken, effective November 3, 2005. For additional information, please contact: Mr. Pete Alles, Director of Services and Development, National Fluid Power Association, 3333 N. Mayfair Road, Suite 211, Milwaukee, WI 53222; PHONE: (414) 778-3350; FAX: (414) 778-3361; E-mail: [palles@nfpa.com](mailto:palles@nfpa.com).

### Approval of Accreditation

#### ASC W1 – Requirements for Apparatus Designed for Use in Arc Welding, Resistance Welding, Plasma Arc Cutting, and Allied Processes

ANSI's Executive Standards Council has approved the accreditation of Accredited Standards Committee W1, Requirements for Apparatus Designed for Use in Arc Welding, Resistance Welding, Plasma Arc Cutting, and Allied Processes (with the National Electrical Manufacturers Association serving as Secretariat), using its own operating procedures for documenting consensus on proposed American National Standards, effective November 11, 2005. For additional information, please contact: Mr. Gregory Winchester, Program Manager, National Electrical Manufacturers Association, 1300 North 17th Street, Suite 1847, Rosslyn, VA 22209; PHONE: (703) 841-3299; FAX: (703) 841-3399; E-mail: [gre\\_winchester@nema.org](mailto:gre_winchester@nema.org).

### Approval of Maintenance

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

ANSI's Executive Standards Council has approved the maintenance of the American Institute's of Aeronautics and Astronautics (AIAA) accreditation using revised operating procedures for documenting consensus on proposed American National Standards, under its last date of reaccreditation, July 10, 2003. This action is taken, effective October 28, 2005. For additional information, please contact: Mr. Craig Day, Standards Program Manager, American Institute of Aeronautics and Astronautics, 1801 Alexander Bell Drive, Suite 500, Reston, VA 20191-4344; PHONE: (703) 264-3849; E-mail: [craigd@aiaa.org](mailto:craigd@aiaa.org).

## International Organization for Standardization (ISO)

### Reinstatement of US Participating Membership and TAG Administrator

#### ISO/TC 59/SC 3 – Building construction – Functional/user requirements and performance in building construction

#### Comment Deadline: December 12, 2005

This ISO Subcommittee has been reactivated and the United States wishes to resume participating membership with ASTM continuing to serve as Administrator of the US Technical Advisory Group (TAG).

The work of this subcommittee is covered by the scope of ISO/TC 59 as follows:

Standardization in the field of building and civil engineering, of: general terminology for building and civil engineering; organization of information in the processes of design, manufacture and construction; general geometric requirements for building, building elements and components including modular coordination and its basic principles, general rules for joints, tolerances and fits; general rules for other performance requirements for buildings and building elements including the coordination of these with performance requirements of building components to be used in building and civil engineering; geometric and performance requirements for components that are not in the scope of separate ISO technical committees.

Excluded: Acoustic requirements (ISO/TC 43); fire tests on building materials, components and structures (ISO/TC 92); bases for design of structures (ISO/TC 98); calculation of thermal properties (ISO/TC 163)

Anyone wishing to comment on this resumption of the TC 59/SC 3 US TAG or TAG Administrator, please contact Henrietta Scully via email: [hscully@ansi.org](mailto:hscully@ansi.org); mail: c/o ANSI, 25 West 43rd Street, New York, NY 10036; or fax to (212) 730-1346 before December 12, 2005

# Meeting Notice

## ISO International Workshop on Emergency Preparedness

Recent worldwide events ranging from earthquakes and hurricanes to the ongoing threat of terrorism have demonstrated the critical need for international coordination and standards development in the area of emergency preparedness. In response to an urgent request by the International Organization for Standardization (ISO) Strategic Advisory Group on Security, the American National Standards Institute, with support from the New York University International Center for Enterprise Preparedness (NYU InterCEP), will convene an international workshop on standardization for emergency preparedness.

The workshop meeting will be held April 24-26, 2006, at the Villa La Pietra International Conference Center in Florence, Italy. The objective of this meeting is to establish a consensus-based document called an International Workshop Agreement (IWA) that is designed to provide international guidance on this issue. The workshop will evaluate existing national standards for applicability to the IWA, and participants are invited to submit these standards for consideration in advance of the meeting.

For more information about meeting logistics, please visit [www.ansi.org/iwa](http://www.ansi.org/iwa). Organizations wishing to send representatives or to submit standards should contact the ANSI-HSSP secretary Matt Deane ([mdeane@ansi.org](mailto:mdeane@ansi.org), (212) 642-4992).