

# ANSI STANDARDS ACTION

PUBLISHED BIWEEKLY BY THE AMERICAN NATIONAL STANDARDS INSTITUTE 11 West 42nd Street, NY, NY 10036

VOL. 32, #4

February 23, 2001

## American National Standards

### Call for comment on proposals listed

This section solicits your comments on proposed new American National Standards and on proposals to revise, reaffirm, or withdraw approval of existing American National Standards. Identification of any known or potential conflicts of draft standards listed with any existing standards may be included and would be appreciated. Comment is solicited to ensure that the views of all interested parties have been given full consideration. To be certain that no standards of interest are overlooked, please check all listings.

In your response, please specify whether you approve or disapprove of the proposal as an American National Standard. If you provide technical comments with your approval, indicate whether approval is contingent upon considering them for inclusion (1) in the current proposal or (2) in future revisions of the current proposal. If you disapprove, give your reasons.

## Comment Deadline: March 26, 2001

### POLYMERS

- BSR/UL 746A, Standard for Safety for Polymeric Materials - Short-Term Property Evaluations (revision of ANSI/UL 746A-2000)

Covers short-term test procedures to be used for the evaluation of materials used for parts intended for specific applications in electrical end products. These investigations provide data with respect to the physical, electrical, flammability, thermal, and other properties of the materials under consideration and are intended to provide guidance for the material manufacturer, the molder, the end-product manufacturer, safety engineers, and other interested parties.

Page A1

#### RATIONALE

The ISO, Tensile Strength, Flex Strength and Izod impact can be directly correlated with the ASTM methods. The ASTM, DTUL (D648) method can be correlated with ISO 75 when comparing specimens oriented in the edgewise, or vertical position, but more and more material specifications are calling out the Flatwise orientation, using method A. The Flatwise test data is considered more reproducible and is becoming the preferred method of orientation.

UL is proposing to offer the ISO 75-1 Flatwise test method as an alternate method to ASTM D 648 (ISO 75-1, Edgewise) and will include their data separately on the Recognition Card. For now, it will be offered as an alternative to the current edgewise test. UL's proposal for 25.1, 25.1.2, and 25.1.3 of UL 746A is shown below.

- Safety standard
- ★ Standard for consumer products

### Standards Action now on the World Wide Web

For your convenience, *Standards Action* can now be downloaded in PDF format from <http://www.ansi.org>.

#### 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. Limit your order to BSR proposals. Submit a separate order for newly published standards.
5. 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, 11 West 42nd Street, New York, NY 10036. Fax: 212-730-1346; e-mail: [psa@ansi.org](mailto:psa@ansi.org)

#### PROPOSAL

25 Liquid Contaminant, Inclined-Plane Tracking, and Erosion of Insulating Materials

25.1 The test method for the determination of material deflection due to heat and load is described in the Standard Test method for Deflection Temperature of Plastics under Flexural Load, ASTM D 648-85 (ISO 75) (ISO 75-1/2 Edgewise) or ISO 75-1/2 Flatwise. Data obtained by this test method can be used to predict the behavior of plastic materials at elevated temperatures only in applications in which the factors of time, temperature, method of loading, and fiber stress are similar to those specified in this test method. The results of this test are not to be confused with a relative thermal index of a material described in the Standard for Polymeric Materials - Long Term Property Evaluations, UL 746B.

#### Contents

##### American National Standards

Call for Comment on Standards Proposals .....	1
Call for Comment Contact Information .....	16
Final Actions .....	19

##### ISO and IEC Standards

ISO Draft International Standards .....	22
Newly Published ISO and IEC Standards .....	23

##### CEN/CENELEC Standards Activity .....

Registration of Organization Names in the U.S. ....	28
Proposed Foreign Government Regulations .....	29
Information Concerning .....	30

25.1.2 After conditioning at 23.0 ±2.0°C (73.4 ±3.6°F) and 50-percent relative humidity for not less than 40 hours, the ~~2~~ bar-shaped specimens shall be tested using a fiber stress of 1.80 M Pa (264 psi) and 0.45 M Pa (66 psi). specimen is to be placed in the immersion bath with its width dimension vertical. Weights are to be utilized to exert a load (fiber stress) of 1.82 MN/m<sup>2</sup> or 186 gf/mm<sup>2</sup> (264 psi). The load is to impress upon the specimen for 5 min in the initial immersion bath at essentially room temperature. The deflection measuring device meter is then to be set at zero and the heat-transfer liquid heated at the rate of 2.0°C (36°F) per minute. The temperature at which the bar is deflected 0.25 mm (0.010 inch) is to be recorded.

25.1.3 The procedure in 25.1.2 is also to be conducted using a fiber stress of 455 kN/m<sup>2</sup> or 46 gf/mm<sup>2</sup> (66 lbf/in<sup>2</sup>) on a separate set of specimens.

Send comments (with copy to BSR) to: Helen Ketcham, UL-NY; ketchamh@ul.com

## STEEL FABRICATION

BSR A250.11, Recommended Erection Instructions for Steel Frames (new standard)

Covers the basic recommended practices for installation of steel frames for swinging doors in a variety of wall conditions typical of those commonly used in commercial buildings. This standard was listed for public review in the 12/3/1999 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

### ANSI A250.11 Recommended Erection Instructions for Steel Frames

#### Compendium of Changes

In response to objections received to Letter Ballot #21, and per ANSI procedure for re-ballot, the changes made to A250.11 are listed below:

#### 1.1 Scope

A space was added between installation and solely in the last sentence.

#### 1.5 Installation tolerances

DHI reference and address was deleted.

#### 1.6 Reference documents

New section added.

#### 2.1 Plumbing the frame

Revised to read: The contractor should be equipped with a carpenter level, square and wood spreaders. Where welded frames are provided with spreader bars, they shall be removed before setting frames. Set the frame in the desired location and level the header. Square jabs to header. Shim under jamps if necessary. With frame on line, set wood spreader and fasten..

#### 2.2 Bracing the frame

Do not brace in the direction...

#### 2.3 Spreader

Moved (i.e., Single Door 3'-0" = 36") from end of paragraph and inserted it at end of second sentence so it reads "Correct length is the door opening width between the jamps at the header (i.e., Single Door 3'-0" = 36").

Under NOTE: Removed the word Shipping and replaced with Spreader in both sentences; bold entire note.

#### 8.2 Anchor installation

The reference in title to (see figure 17) was changed to (see figures 16 and 17).

2. - (see figure 16) was added at the end of the last sentence.

Send comments (with copy to BSR) to: SDI, Attn: Publications Department

# Comment Deadline: April 9, 2001

## 45-Day Public Review Period: Pilot for Standards Available Electronically

The Executive Standards Council (ExSC) has approved a pilot program to evaluate whether it is desirable to shorten the public review duration requirements for candidate American National Standards from a mandatory 60-day period to a 45-day period. Only standards that are available electronically are eligible for inclusion in this pilot. The public review period for the standards that follow is 45 days. The URL address and/or the E-mail address from which each candidate American National Standard may be obtained is provided for your use. Questions/comments concerning the standards should be submitted to the sponsoring ANSI-accredited standards developer. (Questions concerning the pilot should be directed to [psa@ansi.org](mailto:psa@ansi.org) or via fax to 212-730-1346.)

### FIBER OPTICS

BSR/TIA/EIA 568-B-3-1, Optical Fiber Cabling Components Standard (supplement to ANSI/TIA/EIA 568-B-3-2000)

Provides additional applications for multimode optical fiber cabling optimized for laser operation at 850 nm in support of serial transmission at 10 Gb/s data rates for distances up to 300 m (984 ft).

Single copy price: \$34.00

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

Order from: Global Engineering Documents; 800-854-7179

Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; [bzidekco@tia.eia.org](mailto:bzidekco@tia.eia.org)

### HEALTH CARE FACILITIES

- BSR/HL7 CMS V1.3, The Health Level Seven Context Management Specification V1.3 (revision and redesignation of ANSI/HL7 V1.2-2000)

Provides a standard for visually integrating, independently developed healthcare application programs for concurrent use by a single user. This revision adds an observation subject, definitions for additional patient context data, and definition of a user's digital certificate subject.

Single copy price: \$25.00 (electronic copy), \$50.00 (paper copy) (members); \$50.00 (electronic copy), \$75.00 (paper copy) (nonmembers)

Order from: Diana Stephens, HL7

Send comments (with copy to BSR) to: Karen Van Hentenryck, HL7; [karenavan@hl7.org](mailto:karenavan@hl7.org)

### INFORMATION SYSTEMS - LANGUAGES

BSR/ISO/IEC 9075-1-1999: Technical Corrigendum 1:2000, Information Technology - Database Language - SQL Part 1: Framework (SQL/Framework) - Technical Corrigendum 1:2000 (supplement to ANSI/ISO/IEC 9075-1-1999)

Provides a supplement to *American National Standard for Information Technology - Database Language - SQL Part 1: Framework (SQL/Framework)*, ANSI/ISO/IEC 9075-1-1999.

Single copy price: Free

Obtain an electronic copy from: <http://webstore.ansi.org/ansidocstore/find.asp?>

Order from: ANSI

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

BSR/ISO/IEC 9075-2-1999: Technical Corrigendum 1:2000, Information Technology - Database languages - SQL - Part 2: Foundation (SQL/Foundation) - Technical Corrigendum 1:2000 (supplement to ANSI/ISO/IEC 9075-2-1999)

Provides a supplement to *American National Standard for Information Technology - Database languages - SQL - Part 2: Foundation (SQL/Foundation)*, ANSI/ISO/IEC 9075-2-1999.

Single copy price: Free

Obtain an electronic copy from: <http://webstore.ansi.org/ansidocstore/find.asp?>

Order from: ANSI

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

BSR/ISO/IEC 9075-3-1999: Technical Corrigendum 1:2000, Information Technology - Database Languages - SQL - Part 3: Call-level Interface (SQL/CLI) - Technical Corrigendum 1:2000 (supplement to ANSI/ISO/IEC 9075-3-1999)

Provides a supplement to *American National Standard for Information Technology - Database Languages - SQL - Part 3: Call-level Interface (SQL/CLI)*, ANSI/ISO/IEC 9075-3-1999.

Single copy price: Free

Obtain an electronic copy from: <http://webstore.ansi.org/ansidocstore/find.asp?>

Order from: ANSI

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

BSR/ISO/IEC 9075-4-1999: Technical Corrigendum 1:2000, Information Technology - Database Languages - SQL - Part 4: Persistent Stored Modules (SQL/PSM) - Technical Corrigendum 1:2000 (supplement to ANSI/ISO/IEC 9075-4-1999)

Provides a supplement to *American National Standard for Information Technology - Database languages - SQL - Part 4: Persistent Stored Modules (SQL/PSM)*, ANSI/ISO/IEC 9075-4-1999.

Single copy price: Free

Obtain an electronic copy from: <http://webstore.ansi.org/ansidocstore/find.asp?>

Order from: ANSI

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

BSR/ISO/IEC 9075-5-1999: Technical Corrigendum 1:2000, Information Technology - Database Languages - SQL - Part 5: Host Language Bindings (SQL/Bindings) - Technical Corrigendum 1:2000 (supplement to ANSI/ISO/IEC 9075-5-1999)

Provides a supplement to *American National Standard for Information Technology - Database Languages - SQL - Part 5: Host Language Bindings (SQL/Bindings)*, ANSI/ISO/IEC 9075-5-1999.

Single copy price: Free

Obtain an electronic copy from: <http://webstore.ansi.org/ansidocstore/find.asp?>

Order from: ANSI

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

BSR/ISO/IEC FCD 1989, Information Technology - Programming Languages, Their Environments and System Software Interfaces - Programming Language COBOL (new standard)

Specifies the syntax and semantics of COBOL. Its purpose is to promote a high degree of machine independence to permit the use of COBOL on a variety of data processing systems. It specifies the form of a compilation group written in COBOL; effect of compiling a compilation group; effect of executing run units; elements of the language for which a conforming implementation is required to supply a definition; elements of the language for which meaning is explicitly undefined and elements of the language that are dependent on the capabilities of the processor.

Single copy price: Free

Obtain an electronic copy from: <http://www.dkuug.dk/jtc1/sc22/open/n3204.pdf>

Order from: Margaret Gonzalez, ANSI: [mgonzalez@ansi.org](mailto:mgonzalez@ansi.org)

Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (NCITS); [ddonovan@itic.org](mailto:ddonovan@itic.org)

## INFORMATION SYSTEMS - SECURITY

BSR/ISO/IEC 10118-2:2000, Information Technology - Security Techniques - Hash-Functions - Part 2: Hash-Functions Using an N-Bit Block Cipher (new standard)

Specifies hash-functions that make use of an n-bit block cipher algorithm. They are therefore suitable for an environment in which such an algorithm is already implemented. Four hash-functions are specified. The first provides hash-codes of length smaller than or equal to n, where n is the block-length of the algorithm used. The second provides hash-codes of length less than or equal to 2n; the third provides hash-codes of length equal to 2n; and the fourth provides hash-codes of length 3n. All four of the hash-functions specified in this part of ISO/IEC 10118 conform to the general model specified in ISO/IEC 10118-1.

Single copy price: \$58.00

Obtain an electronic copy from: <http://webstore.ansi.org/ansidocstore/find.asp?>

Order from: ANSI

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

## INFORMATION TECHNOLOGY

BSR NCITS 348, Information Technology - Fibre Channel - Generic Services - 3 (FC-GS-3) (new standard)

Describes in detail the basic Fibre Channel services introduced in ANSI X3.230, FC-PH. The Fibre Channel services described in this document are: Directory Services; Management Services; Time Services; Alias Service; Key Distribution Service

Single copy price: \$20.00 (electronic copy)

Obtain an electronic copy from: [http://www.techstreet.com/cgi-bin/joint.cgi/ncits/cgi-bin/detail?product\\_id=749777](http://www.techstreet.com/cgi-bin/joint.cgi/ncits/cgi-bin/detail?product_id=749777)

Order from: NCITS Storefront

Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (NCITS); [ddonovan@itic.org](mailto:ddonovan@itic.org)

BSR NCITS 349, Information Technology - Fibre Channel - Single-Byte-2 (FC-SB-2) (new standard)

Describes a communication interface between a channel and I/O control units that utilize the Single-Byte Command Code Sets (SBCCS) as implemented in a wide range of data processing systems. It employs information formats and signaling protocols that provide a uniform means for communicating with various types of I/O control units, facilitating a high bandwidth, high performance, and long distance information exchange environment. The signaling protocols and information exchanges are defined at a layer (FC-4) to compatibly utilize the link services and other functions provided by the *ANSI Fibre Channel Physical and Signaling Interface (FC-PH) Architecture* (ANSI X3.230-1994). This FC-4 Upper Level Protocol is referred to as the Fibre Channel-Single-Byte-2 Command Code Sets Mapping Protocol (or for brevity, SB-2).

Single copy price: \$20.00 (electronic copy)

Obtain an electronic copy from: [http://www.techstreet.com/cgi-bin/joint.cgi/ncits/cgi-bin/detail?product\\_id=749778](http://www.techstreet.com/cgi-bin/joint.cgi/ncits/cgi-bin/detail?product_id=749778)

Order from: NCITS Storefront

Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (NCITS); [ddonovan@itic.org](mailto:ddonovan@itic.org)

## POOLS AND SPAS

BSR/NSF 50 (i13), Circulation System Components and Related Materials for Swimming Pools, Spas/Hot Tubs (revision of ANSI/NSF 50-2000)

Comprises issue 13 - Section 7 and Annex D.

Single copy price: \$35.00

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

Order from: Techstreet, Attn: NSF Publications; [service@techstreet.com](mailto:service@techstreet.com)

Send comments (with copy to BSR) to: Jane Wilson, NSF; [mwilson@nsf.org](mailto:mwilson@nsf.org)

BSR/NSF 50 (i14), Circulation System Components and Related Materials for Swimming Pools, Spas/Hot Tubs (revision of ANSI/NSF 50-2000)

Comprises issue 14 - Section 5 and Annex B; Section 6 and Annex C; Section 10 and Annex G.

Single copy price: \$35.00

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

Order from: Techstreet, Attn: NSF Publications; [service@techstreet.com](mailto:service@techstreet.com)

Send comments (with copy to BSR) to: Jane Wilson, NSF; [mwilson@nsf.org](mailto:mwilson@nsf.org)

## REFRIGERATION

BSR/NSF 7 (i3), Commercial Refrigerators and Storage Freezers (revision of ANSI/NSF 7-2000)

Comprises issue 3 - Section 6, Test methods for display refrigeration equipment.

Single copy price: \$35.00

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

Order from: Techstreet, Attn: NSF Publications; [service@techstreet.com](mailto:service@techstreet.com)

Send comments (with copy to BSR) to: Marie Whybark, NSF; [whybark@nsf.org](mailto:whybark@nsf.org)

**TELECOMMUNICATIONS**

BSR T1.227a, Telecommunications - CORBA IDL Model for Interfaces Across Jurisdictional Boundaries to Support Fault Management (Trouble Administration) and Service Test (supplement to ANSI T1.227-2000)

Defines an interface for the Trouble Administration (TA) and Service Test functions, as defined in T1.227/228 and T1.262. The interface is specified using the Common Object Request Broker Architecture (CORBA)/Interface Definition Language (IDL), as defined in the Common Object Request Broker Architecture and Specification, Revision 2.2, Object Management Group, Feb 1998. This standard was listed for public review in the 11/17/2000 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: \$102.00

Obtain an electronic copy from: <ftp://ftp.t1.org/pub/ansi/bsr8/lb907-d.pdf>

Order from: Susan Carioti, ATIS (ASC T1); [scarioti@atis.org](mailto:scarioti@atis.org)  
Send comments (with copy to BSR) to: Same

**WATERWORKS**

- BSR/NSF 61 (i26r), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2000)

Comprises issue 26 - Update to mechanical device testing requirements in Section 8 and Annex B.

Single copy price: \$35.00

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

Order from: Techstreet, Attn: NSF Publications;  
[service@techstreet.com](mailto:service@techstreet.com)

Send comments (with copy to BSR) to: Jane Wilson, NSF;  
[mwilson@nsf.org](mailto:mwilson@nsf.org)

## Comment Deadline: April 24, 2001

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

**APPLIANCES, ELECTRIC**

- ★ BSR/UL 858, Standard for Safety for Household Electric Ranges (revision of ANSI/UL 858-1995)

Covers household cooking equipment that is floor- or cabinet-supported, wall-mounted, counter-mounted, or combinations thereof, rated 600 volts or less, for installation in accordance with *American National Standard Electrical Code*, ANSI/NFPA 70-1999. These requirements also cover ventilating hoods that are provided as an integral part of the cooking equipment, or that are separately supported on the building structure but arranged for factory-provided electrical connection to the cooking equipment with which they are intended to be used. These requirements do not cover commercial cooking appliances. This standard was listed for public review in the 9/8/2000 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: \$30.00

Order from: Amy Walker, UL, Northbrook, IL  
Send comments (with copy to BSR) to: Same

**APPLIANCES, GAS BURNING**

- ★ BSR Z21.5.1b, Gas Clothes Dryers - Volume I - Type 1 Clothes Dryers (revision of ANSI Z21.5.1-1999 and ANSI Z21.5.1a-1999)

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

Single copy price: \$35.00

Order from: Allen J. Callahan, CSA (ASC Z21/83);  
[al.callahan@csa-international.org](mailto:al.callahan@csa-international.org)

Send comments (with copy to BSR) to: Same

- BSR Z21.21a, Automatic Valves for Gas Appliances (same as CSA 6.5a) (supplement to ANSI Z21.21-2000, ANSI Z21.21a-2000)

Details test and examination criteria for individual automatic valves, valves utilized as parts of automatic gas ignition systems, or the automatic valve functions of combination controls, which have maximum operating pressure ratings of 1/2 psi, 2 psi, 5 psi, or higher than 5 psi in 5 psi increments up to and including a maximum operating pressure of 60 psi. This standard does not apply to self-contained automatic gas shutoff valves for hot water supply systems.

Single copy price: \$35.00

Order from: CSA International

Send comments (with copy to BSR) to: Allen J. Callahan, CSA  
(ASC Z21/83); [al.callahan@csa-international.org](mailto:al.callahan@csa-international.org)

- BSR Z21.24, Connectors for Gas Appliances (same as CSA 6.10) (revision, redesignation and consolidation of ANSI Z21.24-1997, ANSI Z21.24a-1999 and ANSI Z21.24b-2000)

Details test and examination criteria for gas appliance connectors comprised of semi-rigid metal tubing and having a fitting at each end provided with taper pipe threads for connection to a gas appliance and to house piping, or consisting of corrugated tubing depending on all-metal construction for gastightness.

Such connectors are suitable for connecting gas-fired appliances to fixed gas supply lines containing natural, manufactured or mixed gases, liquefied petroleum gases or LP gas-air mixtures at pressures not in excess of 1/2 psig. These connectors are limited to a maximum nominal length of 6 feet and are not intended for continuous movement.

Single copy price: \$50.00

Order from: Allen J. Callahan, CSA (ASC Z21/83);  
[al.callahan@csa-international.org](mailto:al.callahan@csa-international.org)

Send comments (with copy to BSR) to: Same

- ★ BSR Z21.54b, Gas Hose Connectors for Portable Outdoor Gas-Fired Appliances (same as CGA 8.4b) (revision of ANSI Z21.54-1996 and ANSI Z21.54a-2000)

Comprises a harmonized U.S./Canadian Standard for Gas Hose Connectors for Portable Outdoor Gas-Fired Appliances, ANSI Z21.54/CGA 8.4. The standard details test and examination criteria for Gas Hose Connectors for Portable Outdoor Gas-Fired Appliances for use with natural, manufactured, mixed and liquefied petroleum gases and LP gas-air mixtures.

Single copy price: \$35.00

Order from: Allen J. Callahan, CSA (ASC Z21/83);  
[al.callahan@csa-international.org](mailto:al.callahan@csa-international.org)

Send comments (with copy to BSR) to: Same

- ★ BSR Z21.69b, Connectors for Movable Gas Appliances (same as CGA 6.16b) (revision of ANSI Z21.69-1997 and ANSI Z21.69a-2000)

Comprises a harmonized U.S./Canadian Standard for Connectors for Movable Gas Appliances, ANSI Z21.69/CGA 6.16. The standard details test and examination criteria for connectors for movable gas appliances for use with natural, manufactured, mixed and liquefied petroleum gases and LP gas-air mixtures.

Single copy price: \$35.00

Order from: Allen J. Callahan, CSA (ASC Z21/83);  
[al.callahan@csa-international.org](mailto:al.callahan@csa-international.org)

Send comments (with copy to BSR) to: Same

- ★ BSR Z21.78a-2001, Combination Gas Controls for Gas Appliances (same as CSA 6.20a) (supplement to ANSI Z21.78-2000, Z21.78a-2000)

Details test and examination criteria for combination gas controls, for gas appliances that have a maximum operating gas pressure of 1/2 psi. A combination gas control is defined as an assembly of two or more different functions, at least one of which conveys gas in a single unit without the use of pipe nipples. These include manually operated gas valve(s), a gas pressure regulator, automatic valve(s), a thermostat (other than an electric type), ignition system components and an automatic gas shutoff device.

Single copy price: \$35.00

Order from: CSA International

Send comments (with copy to BSR) to: Allen J. Callahan, CSA  
(ASC Z21/83); [al.callahan@csa-international.org](mailto:al.callahan@csa-international.org)

- BSR Z21.92, Manually Operated Electric Gas Ignition Systems and Components (same as CSA 6.29) (new standard)

Details test and examination criteria for manually operated electric gas ignition systems and components which are intended to form an integral part of a gas appliance and designed to ignite an appliance burner(s), for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures.

Single copy price: \$50.00

Order from: CSA International

Send comments (with copy to BSR) to: Allen J. Callahan, CSA (ASC Z21/83); al.callahan@csa-international.org

## BOILERS AND PRESSURE VESSELS

BSR/ASME CSD-1-1998, Controls and Safety Devices for Automatically Fired Boilers (supplement to ANSI/ASME CSD-1-1998, ANSI/ASME CSD-1a-1999, and BSR/ASME CSD-16-2000)

Covers requirements for the assembly, maintenance, and operation of controls and safety devices installed on automatically operated boilers directly fired with gas, oil, gas-oil, or electricity.

Single copy price: \$20.00

Order from: Silvana Rodriguez-Bhatti, ASME: rodriguez@asme.org

Send comments (with copy to BSR) to: Eun Sil Yoo, ASME: M/S 20S2

## ELECTRICITY

- BSR C2-2002, National Electrical Safety Code, 2002 Edition (revision of ANSI C2-1997)

Provides specific rules for the practical safeguarding of persons during the installation, operation, or maintenance of electric supply and communication lines and their associated equipment.

Single copy price: \$79.00

Order from: Tina Alston, IEEE; t.alston@ieee.org

Send comments (with copy to BSR) to: Susan Vogel, IEEE; s.vogel@ieee.org

## ELECTRONIC EQUIPMENT

BSR/IEEE 1478, Environmental Conditions for Transit Rail Car Electronic Equipment (new standard)

Specifies baseline environmental conditions under which transit rail car electronic equipment shall both operate and/or survive. Environmental conditions include temperature, humidity, atmospheric pressure, water, corrosive elements, and vibration/shock.

Single copy price: \$36.00 (Non-Members); \$29.00 (IEEE Members)

Order from: IEEE, Attn: Customer Service; (800) 678-4333

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

## ELECTROSTATIC DISCHARGE

BSR/ESD S1.1-1998, Protection of Electrostatic Discharge Susceptible Items - Wrist Straps (new standard)

Establishes test methods for evaluating the electrical and mechanical characteristics of wrist straps. It includes improved test methods and performance limits for evaluation, acceptance, and functional testing of wrist straps.

Single copy price: \$37.50 (Non-Member); \$25.00 (Member)

Order from: ESD Association

Send comments (with copy to BSR) to: Same

BSR/ESD STM 2.1-1997, Test Method for Protection of Electrostatic Discharge Susceptible Items - Garments (new standard)

Provides test methods for measuring the electrical resistance of garments. It covers procedures for measuring sleeve-to-sleeve resistance and point-to-point resistance.

Single copy price: \$37.50 (Non-Member); \$25.00 (Member)

Order from: ESD Association

Send comments (with copy to BSR) to: Same

BSR/ESD STM 3.1-2000, Test Method for Protection of Electrostatic Discharge Susceptible Items - Ionization (new standard)

Provides test methods and procedures for evaluating and selecting air ionization equipment and systems. It establishes measurement techniques to determine ion balance and charge neutralization time for ionizers.

Single copy price: \$37.50 (Non-Member); \$25.00 (Member)

Order from: ESD Association

Send comments (with copy to BSR) to: Same

BSR/ESD STM 4.2-1998, Test Method for Protection of Electrostatic Discharge Susceptible Items - ESD Protective Worksurfaces Charge Dissipation Characteristics (new standard)

Aids in determining the ability of ESD-protective worksurfaces to dissipate charge from a conductive test object placed on them.

Single copy price: \$37.50 (Non-Member); \$25.00 (Member)

Order from: ESD Association

Send comments (with copy to BSR) to: Same

BSR/ESD STM 5.2-1999, Test Method for Protection of Electrostatic Discharge Susceptible Sensitivity Testing - Machine Model - Component Level (new standard)

Establishes the procedure for testing, evaluating and classifying the ESD sensitivity of components to the defined MM.

Single copy price: \$37.50 (Non-Member); \$25.00 (Member)

Order from: ESD Association

Send comments (with copy to BSR) to: Same

BSR/ESD STM 5.3.1-1999, Test Method for Protection of Electrostatic Discharge Susceptible Sensitivity Testing - Charged Device Model (CDM) Component Level (new standard)

Establishes the procedure for testing, evaluating and classifying the ESD sensitivity of components to the defined CDM.

Single copy price: \$37.50 (Non-Member); \$25.00 (Member)

Order from: ESD Association

Send comments (with copy to BSR) to: Same

BSR/ESD STM 11.12-2000, Test Method for Protection of Electrostatic Discharge Susceptible Items - Volume Resistance Measurements of Static Dissipative Planar Materials (new standard)

Provides test methods for measuring the volume resistance of static dissipative, planar materials used in the packaging of ESD-sensitive devices and components.

Single copy price: \$37.50 (Non-Member); \$25.00 (Member)

Order from: ESD Association

Send comments (with copy to BSR) to: Same

BSR/ESD STM 12.1-1997, Test Method for Protection of Electrostatic Discharge Susceptible Items - Seating - Resistive Measurement (new standard)

Provides test methods for measuring the electrical resistance of seating used for the control of electrostatic charge or discharge. It contains test methods for the qualification of seating prior to installation or application, as well as, test methods for evaluating & monitoring seating after installation or application.

Single copy price: \$37.50 (Non-Member); \$25.00 (Member)

Order from: ESD Association

Send comments (with copy to BSR) to: Same

BSR/ESD STM 97.1-1999, Test Method for Protection of Electrostatic Discharge Susceptible Items - Floor Materials and Footwear - Resistance Measurement in Combination with a Person (new standard)

Provides test methods for measuring the electrical system resistance of floor materials in combination with person wearing static control footwear.

Single copy price: \$37.50 (Non-Member); \$25.00 (Member)

Order from: ESD Association

Send comments (with copy to BSR) to: Same

BSR/ESD STM 97.2-1999, Test Method for Protection of Electrostatic Discharge Susceptible Items - Floor Materials and Footwear - Voltage Measurement in Combination with a Person (new standard)

Provides test methods for the measurement of the voltage on a person in combination with static control floor materials and static control footwear.

Single copy price: \$37.50 (Non-Member); \$25.00 (Member)

Order from: ESD Association

Send comments (with copy to BSR) to: Same

## ELEVATORS

BSR/ASME A17.2, Guide for Inspection of Elevators, Escalators, and Moving Walks (revision, redesignation and consolidation of ANSI/ASME A17.2.1-1996, ANSI/ASME A17.2.1a-1997, ANSI/ASME A17.2.1b-1998, ANSI/ASME A17.2.2-1997, ANSI/ASME A17.2.2a-1998, ANSI/ASME A17.2.3-1998, ANSI/ASME A17.2.3a-2000)

Includes inspection procedures for electrical traction and winding drum elevators, hydraulic elevators, and escalators and moving walks.

Single copy price: \$45.00

Order from: Silvana Rodriguez-Bhatti, ASME;

rodriguez@asme.org

Send comments (with copy to BSR) to: Riad Mohamed, M/S 20S2, ASME; MohamedR@asme.org

## ENTERTAINMENT TECHNOLOGY

BSR E1.11, Entertainment Technology - USITT DMX512/A - Asynchronous Serial Digital Data Transmission Standard for Controlling Lighting Equipment and Accessories (new standard)

Revises and updates USITT's DMX512/1990. It describes a protocol for transmitting digital data used to control entertainment lighting equipment and accessories, including dimmers, robotic luminaires, scrolling color changers, color wheels, and pattern rotators. The standard describes the electrical properties, the data types, the data format, connector types, and other relevant characteristics of the digital signal and hardware.

Single copy price: Free

Order from: Karl Ruling, ESTA (ASC E1); kruling@esta.org

Send comments (with copy to BSR) to: Same

## ENVIRONMENTAL MANAGEMENT SYSTEMS

- BSR Z490.1, Accepted Practices for Safety, Health, and Environmental Training (new standard)

Establishes voluntary criteria for safety, health, and environmental training programs, including development, delivery, evaluation and program management. The purpose of this standard is to provide accepted practices for safety, health, and environmental training. This standard is recommended for voluntary application by training providers of safety, health, and environmental training. If any of the provisions of this standard are deemed to not be applicable, the other requirements or recommendations of the standard shall still apply. This standard applies to all safety, health, or environmental training, whether separate or a portion of other training. This standard was listed for public review in the 7/14/2000 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: \$7.67

Order from: Thomas Bresnahan, ASSE; Customer service@asse.org

Send comments (with copy to BSR) to: Timothy Fisher, ASSE; tfisher@asse.org

## FIBER OPTICS

BSR/TIA/EIA 455-25C, FOTP25 - Impact Testing of Optical Fiber Cables (revision of ANSI/TIA/EIA 455-25B-1996)

Provides a method to determine the ability of optical fiber cables to withstand impact loads.

Single copy price: \$41.00

Order from: Global Engineering Documents; (800) 854-7179

Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

## FITTINGS, FLANGES, AND VALVES

BSR B16.18, Cast Copper Alloy Solder Joint Pressures Fittings (revision of ANSI B16.18-1984 (R1994))

Establishes requirements for pressure-temperature ratings, abbreviations for end connections, sizes and method of designating openings of fittings, marking, material, dimensions and tolerances, and tests.

Single copy price: \$10.00

Order from: Silvana Rodriguez-Bhatti, ASME;

rodriguez@asme.org

Send comments (with copy to BSR) to: Michael Argenziano, ASME; M/S 20S2

BSR/ASME B16.22, Wrought Copper and Copper Alloy Solder Joint Pressure Fittings (revision of ANSI/ASME B16.22-1995)

Establishes specifications for wrought copper and wrought copper alloy, solder-joint, seamless fittings, designed for use with seamless copper tube conforming to ASTM Standard Specification B88 (*Water and General Plumbing Systems*), B280 (*Air Conditioning and Refrigeration Service*), and B819 (*Medical Gas Systems*), as well as, fittings intended to be assembled with soldering materials conforming to ASTM B32, brazing materials conforming to ANSI/AWS A5.8, or with tapered pipe thread conforming to ASME B1.20.1. Presents requirements for fitting ends suitable for soldering. Covers pressure-temperature ratings, abbreviations for end connections, size and method of designating openings of fittings, marking, material, dimensions and tolerances, and test.

Single copy price: \$10.00

Order from: Silvana Rodriguez-Bhatti, ASME;

rodriguez@asme.org

Send comments (with copy to BSR) to: Michael Argenziano, ASME; M/S 20S2

BSR/ASME B16.24, Cast Copper Alloy Pipe Flanges and Fittings, Class 150, 300, 400, 600, 900, 1500 and 2500 (revision of ANSI/ASME B16.24-1991 (R1998))

Covers pressure-temperature ratings, sizes and methods of designating openings for reduced fittings, marking, materials, dimensions, bolts, nuts, and gaskets, tolerances, and test.

Single copy price: \$10.00

Order from: Silvana Rodriguez-Bhatti, ASME;

rodriguez@asme.org

Send comments (with copy to BSR) to: Michael Argenziano, ASME; M/S 20S2

BSR/ASME B16.26, Cast Copper Alloy Fittings for Flared Copper Tubes (revision of ANSI/ASME B16.26-1988)

Covers pressure-temperature ratings, sizes, marking, materials, dimensions, and tolerances.

Single copy price: \$10.00

Order from: Silvana Rodriguez-Bhatti, ASME;

rodriguez@asme.org

Send comments (with copy to BSR) to: Michael Argenziano, ASME; M/S 20S2

BSR/ASME B16.29, Wrought Copper and Wrought Copper Alloy Solder Joint Drainage Fittings - DWV (revision of ANSI/ASME B16.29-1994)

Covers description, pitch (slope), abbreviations for end connections, sizes and methods of designating openings for reduced fittings, marking, materials, dimensions and tolerances.

Single copy price: \$10.00

Order from: Silvana Rodriguez-Bhatti, ASME;

rodriguez@asme.org

Send comments (with copy to BSR) to: Michael Argenziano, ASME; M/S 20S2

**BSR/ASME B16.50, Wrought Copper and Copper Alloy Braze-Joint Pressure Fittings (new standard)**

Establishes requirements for wrought copper and wrought copper alloy braze-joint seamless fittings designed for use with seamless copper tube conforming to ASTM Standard Specification, B88 (*Water and General Plumbing System*), B280 (*Air Conditioning and Refrigeration Service*), and B819 (*Medical Gas Systems*). This standard covers joints assembled with brazing materials conforming to ANSI/AWS A5.8. Provides requirements for fitting-ends suitable for brazing and covers pressure-temperature ratings, abbreviations for end connections, size and method of designating openings of fittings, marking, material, dimensions and tolerances, and testing.

Single copy price: \$10.00

Order from: Silvana Rodriguez-Bhatti, ASME;  
rodriguez@asme.org

Send comments (with copy to BSR) to: Michael Argenziano,  
ASME; M/S 20S2

**FURNACES**

- **BSR Z21.47a, Gas-Fired Central Furnaces (same as CSA 2.3a) (supplement to ANSI Z21.47-2000)**

Details test and examination criteria for forced-air type central furnaces and forced-air direct vent type central furnaces for use with natural, manufactured and mixed gases, liquefied petroleum gases and LP gas-air mixtures. Central furnaces are designed to supply heated air through ducts to spaces remote from or adjacent to the appliance location. Direct vent construction is such that all air for combustion is obtained from outside the structure and flue gases are discharged outside the structure. The harmonized standard also covers central furnaces equipped with automatic vent damper devices and for installation in manufactured homes, recreational vehicles (direct vent appliances), manufactured buildings, and outdoor installations.

Single copy price: \$35.00

Order from: CSA International

Send comments (with copy to BSR) to: Allen J. Callahan, CSA  
(ASC Z21/83); al.callahan@csa-international.org

**INFORMATION SYSTEMS - DATA COMMUNICATION****BSR X3.237-1995, Fibre Distributed Data Interface (FDDI) - Token Ring Low-cost Fibre Physical Layer Medium Dependent (LCF-PMD) (reaffirmation of ANSI X3.237-1995)**

Specifies requirements for the Fibre Distributed Data Interface (FDDI) Part: Token ring low-cost fibre physical layer medium dependent (LCF-PMD). FDDI provides a high-bandwidth (100 Mbit/s), general-purpose interconnection among computers and peripheral equipment using fibre optics as the primary transmission medium. FDDI can be configured to support a sustained data transfer rate of at least 80 Mbit/s (10 Mbyte/s). FDDI provides connectivity for many nodes distributed over distances of several kilometers in extent. Default values for FDDI are calculated on the basis of 1 000 physical links and a total fibre path length of 200 km (typically corresponding to 500 nodes and 100 km of dual fibre cable). FDDI consists of: (a) A Physical Layer (PL) which is divided into two sublayers: 1) A Physical Layer, Medium Dependent (PMD) sublayer (ISO/IEC 9314-3) 2) A Physical Layer Protocol (PHY) sublayer (ISO/IEC 9314-1) (b) A Data Link Layer (DLL) which is divided into two or more sublayers: 1) An optional Hybrid Ring Control (HRC) (ISO/IEC 9314-5) 2) A Media Access Control (MAC) (ISO/IEC 9314-2) 3) An optional Logical Link Control (LLC) 4) An optional Circuit Switching Multiplexer (CS-MUX) (c) A Station Management (SMT) FDDI LCF-PMD is a supporting document to FDDI PHY and FDDI PHY-2 which should be read in conjunction with it. The FDDI SMT document should be read for information pertaining to supported FDDI node and network configurations. The original FDDI PMD should be read for issues relating to FDDI LCF-PMD to FDDI PMD optical interoperability. ISO/IEC 9314 specifies the interfaces, functions, and operations necessary to ensure interoperability between conforming FDDI implementations. This standard provides a functional description. Conforming implementations may employ any design technique that does not violate interoperability.

Single copy price: \$54.00

Order from: NCITS Storefront: [http://www.techstreet.com/cgi-bin/basket?action=add&item\\_id=13208](http://www.techstreet.com/cgi-bin/basket?action=add&item_id=13208)

Send comments (with copy to BSR) to: Barbara Bennett, ITI  
(NCITS); bbennett@itic.org

**BSR X3.245-1995, Fibre Distributed Data Interface (FDDI) - Token Ring Media Access Control Conformance Testing (FDDI MAC-ATS) (reaffirmation of ANSI X3.245-1995)**

Contains the abstract test suite for the Fiber Distributed Data Interface (FDDI) token ring Media Access Control (MAC) layer protocol. This test suite was developed based on the principles defined in *OSI Conformance Testing Methodology and Framework* (ISO 9646) and written in Tree and Tabular Combined Notation (TTCN), and intended for testing conformance to the MAC standard (ISO 9314-2:1989) of any FDDI stations. The test methodology is the "remote single layer test" as described in ISO 9646. The abstract test scripts specify the MAC layer Protocol Data Units (PDU) to be exchanged between the two MAC entities, the MAC on the tester and the MAC on the Implementation Under Test (IUT). The tester is called the Lower Tester (LT). The test suite does not require use of any higher layer protocols, nor does it assume existence of Logical Link Control (LLC) layer implementation on the IUT. It expects, however, that the Station Management (SMT) function is available on the IUT. Since MAC itself does not originate any data frames, the tester uses SMT to test the processing capability of MAC by sending frames to SMT and observing the SMT originated response frames. The testing is expected to be conducted in a controlled environment with a minimum configuration, that is, a token ring with two stations, one being the LT and the other the IUT.

Single copy price: \$64.00

Order from: NCITS Storefront: [http://www.techstreet.com/cgi-bin/basket?action=add&item\\_id=56233](http://www.techstreet.com/cgi-bin/basket?action=add&item_id=56233)

Send comments (with copy to BSR) to: Barbara Bennett, ITI  
(NCITS); bbennett@itic.org

**INFORMATION TECHNOLOGY****BSR/NCPDP MR V2.01-2000, Manufacturer Rebate Utilization, Plan, Formulary, and Market Basket Standard Format Version 2.01 (new standard)**

Supports the submission of Product Utilization transactions, Plan and Sub-Plan hierarchical structures, Formulary definitions, and Market Basket definitions from Pharmacy Management Organizations (PMOs) to Pharmaceutical Industry Contracting Organizations (PICOs) in support of the rebate process. The NCPDP Manufacturer Rebate Utilization, Plan, Formulary, and Market Basket Flat File Standard provides a standardized format for the electronic submission of rebate information from Pharmacy Management Organizations (PMOs) to Pharmaceutical Industry Contracting Organizations (PICOs). The four file formats are intended to be used in an integrated manner, with the utilization file being supported by the plan, formulary, and market basket files. However, any of the four files may be used independently. The NCPDP Manufacturer Rebate Utilization, Plan, Formulary, and Market Basket Standard Flat File layouts provide detailed information on the file design and requirements for each of the four files.

Single copy price: \$250 per set of standards. NCPDP membership includes a copy of all standards.

Order from: Frankie Batterson, NCPDP; fbatterson@ncpdp.org  
Send comments (with copy to BSR) to: Same

**PIPES****BSR/ASME MFC-18M, Measurement of Fluid Flow In Pipes Using Variable Area Meters (new standard)**

Describes the common variable area flowmeter. The variable area flow meter is composed of a body and "float" which is free to move in the body to a position related to the flow rate. This Standard addresses only those meters based on a vertical tapered tube of round or a modified round cross section. Specifically omitted are the various vane meters, meters with horizontal flow or which are based on spring deflection.

Single copy price: \$10.00

Order from: Silvana Rodriguez-Bhatti, ASME;  
rodriguez@asme.org

Send comments (with copy to BSR) to: Ryan Crane, M/S 20S2,  
ASME; craner@asme.org

**PRESSURE REGULATORS**

- BSR Z21.18a, Gas Appliance Pressure Regulators (same as CSA 6.3a) (supplement to ANSI Z21.18-2000)

Details test and examination criteria for gas appliance pressure regulators for use with natural, manufactured and mixed gases, liquefied petroleum gases and LP gas-air mixtures. Such devices, either individual or in combination with other controls, are intended to control selected outlet gas pressures to individual gas appliances.

Single copy price: \$35.00

Order from: CSA International

Send comments (with copy to BSR) to: Allen J. Callahan, CSA (ASC Z21/83); al.callahan@csa-international.org

**QUALITY ASSURANCE**

BSR/ASQ Z1.11-2000, Education and training institutions - Guidance (revision of ANSI/ASQC Z1.11-1996 )

Provides guidance for a quality management system where an education or training organization needs to demonstrate its capability to provide consistent instruction and support services. The quality management system is aimed primarily at satisfying stakeholders' concerns and the continual improvement of instructional design, instruction, assessment of students, and reliability of support services. The quality management system provides a basic foundation for accrediting and certifying bodies that include stakeholders' satisfaction and continual improvement in their requirements.

Single copy price: \$40.00

Order from: ASQ Customer Service; cs@asq.org or http://qualitypress.asq.org, request item T102 or http://e-standards.asq.org, request item T102E

Send comments (with copy to BSR) to: ASQ, Attn: Standards Coordinator; ehogg@asq.org

**TELECOMMUNICATIONS**

BSR/TIA/EIA 854, A Full Duplex Ethernet Physical Layer Specification for 1000Mb/s (1000BASE-TX) Operating Over Category 6 Balanced Twisted Pair Cabling (new standard)

Specifies a full duplex Ethernet physical layer interface, referred to as 100BASE-TX for 1000Mbit/s operation over a maximum 100 meter long category 6 twisted-pair cabling channel. This standard was listed for public review in the 10/20/2000 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: Free

Obtain an electronic copy from: global@ihs.com

Order from: Global Engineering Documents

Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

## Announcement of Administrative Withdrawal of American National Standard

**Effective Date of 3/25/01**

The following standard will be administratively withdrawn at the close of this 30-day public review period because they have not been revised or reaffirmed within five years of their approval date as American National Standards. In addition, no current extensions have been granted for these standards. This action is taken in accordance with clause 4.4 Maintenance of American National Standards of the *ANSI Procedures for the Development and Coordination of American National Standards (ANSI Procedures)*.

ANSI A108.1-1992, Installation of Ceramic Tile, A COLLECTION

Please note: The collection has been partitioned into the following approved American National Standards: A108.1A, A108.1B, A108.1C, A108.4, A108.5, A108.6, A108.8, A108.9, A108.10, A108.11, A108.12, A108.13, A118.1, A118.3, A118.4, A118.5, A118.6, A118.7, A118.8, A118.9, A118.10, A118.11, A136.1

Questions or comments concerning this action should be addressed psa@ansi.org or via fax to 212-730-1346.

## ASTM Standards

The URL to search for scopes of ASTM standards is: <http://www.astm.org/dsearch.htm>

**ACIDS**

BSR/ASTM D3087-91(1998), Test Method for Operating Performance of Anion-Exchange Materials for Strong Acid Removal (new standard)

Single copy price: \$25.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

**ACOUSTICS**

BSR/ASTM C423, Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method (revision of ANSI/ASTM C423-00 )

Single copy price: \$30.00

BSR/ASTM C634, Terminology Relating to Environmental Acoustics (revision of ANSI/ASTM C634-00 )

Single copy price: \$30.00

BSR/ASTM E1110, Classification for Determination of Articulation Class (revision of ANSI/ASTM E1110-86(1994))

Single copy price: \$25.00

BSR/ASTM E1111, Test Method for Measuring the Interzone Attenuation of Ceiling Systems (revision of ANSI/ASTM E1111)

Single copy price: \$30.00

BSR/ASTM Z8508Z, Test Method for Determination of Decay Rates for Use in Sound Insulation Test Methods (new standard)

Single copy price: \$30.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

**CHEMICALS**

BSR/ASTM D2330-88(1995), Test Method for Methylene Blue Active Substances (new standard)

Single copy price: \$30.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

**COATINGS**

BSR/ASTM A562/A562M, Specification for Pressure Vessel Plates, Carbon Steel, Manganese-Titanium for Glass or Diffused Metallic Coatings (reaffirmation of ANSI/ASTM A562)

Single copy price: \$25.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

**FITTINGS, FLANGES, AND VALVES**

BSR/ASTM A503/A503M, Specification for Ultrasonic Examination of Forged Crankshafts (revision of ANSI/ASTM A503-99 )

Single copy price: \$25.00

BSR/ASTM A522/A522M, Specification for Forged or Rolled 8 and 9% Nickel Alloy Steel Flanges, Fittings, Valves, and Parts for Low-Temperature Service (reaffirmation of ANSI/ASTM A522)

Single copy price: \$25.00

BSR/ASTM A961, Specification for Common Requirements for Steel Flanges, Forged Fittings, Valves, and Parts for Piping Applications (revision of ANSI/ASTM A961-00)

Single copy price: \$30.00

BSR/ASTM A962/A962M, Specification for Common Requirements for Steel Fasteners or Fastener Materials, or Both, Intended for Use At Any Temperature From Cryogenic to the Creep Range (revision of ANSI/ASTM A962/A962M-00)

Single copy price: \$30.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)



**FLOOR COVERINGS**

BSR/ASTM Z7954Z, Test Method for Laboratory Measurement of the Effectiveness of Floor Coverings in Reducing Impact Sound Transmission Through Concrete Floors (new standard)  
Single copy price: \$30.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

**GAS CHROMATOGRAPHY**

BSR/ASTM D3371-95, Test Method for Nitriles in Aqueous Solution by Gas-Liquid Chromatography (new standard)  
Single copy price: \$25.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

**INSULATING MATERIALS**

BSR/ASTM D2520, Test Methods for Complex Permittivity (Dielectric Constant) of Solid Electrical Insulating Materials At Microwave Frequencies and Temperatures to 1650 Deg C (revision of ANSI/ASTM D2520-95 )  
Single copy price: \$35.00

BSR/ASTM D2865, Practice for Calibration of Standards and Equipment for Electrical Insulating Materials Testing (revision of ANSI/ASTM D2865-95 )  
Single copy price: \$25.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

**INSULATION, ELECTRIC**

BSR/ASTM D1677, Methods for Sampling and Testing Untreated Mica Paper Used for Electrical Insulation (revision of ANSI/ASTM D1677-86(1993) )  
Single copy price: \$25.00

BSR/ASTM D2275, Test Method for Voltage Endurance of Solid Electrical Insulating Materials Subjected to Partial Discharges (Corona) on the Surface (revision of ANSI/ASTM D2275-95 )  
Single copy price: \$30.00

BSR/ASTM D2519, Test Method for Bond Strength of Electrical Insulating Varnishes by the Helical Coil Test (revision of ANSI/ASTM D2519-96 )  
Single copy price: \$25.00

BSR/ASTM Z8220Z, Test Method for Refrigerant Extraction of Electrical Insulating Materials (new standard)  
Single copy price: \$30.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

**INSULATION, WIRE AND CABLE**

BSR/ASTM D3554, Specification for Track-Resistant Black Thermoplastic High-Density Polyethylene Insulation for Wire and Cable (revision of ANSI/ASTM D3554-98)  
Single copy price: \$25.00

BSR/ASTM D3555, Specification for Track-Resistant Black Crosslinked Polyethylene Insulation for Wire and Cable (revision of ANSI/ASTM D3555-98 )  
Single copy price: \$25.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

**ION EXCHANGE**

BSR/ASTM D2687-95, Practices for Sampling Particulate Ion-Exchange Materials (new standard)  
Single copy price: \$30.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

**MEASUREMENT AND CALIBRATION**

BSR/ASTM D2908-91(1995), Practice for Measuring Volatile Organic Matter in Water by Aqueous-Injection Gas Chromatography (new standard)  
Single copy price: \$30.00

BSR/ASTM D3382, Test Methods for Measurement of Energy and Integrated Charge Transfer Due to Partial Discharges (Corona) Using Bridge Techniques (reaffirmation of ANSI/ASTM D3382-95 )  
Single copy price: \$30.00

BSR/ASTM D5568, Test Method for Measuring Relative Complex Permittivity and Relative Magnetic Permeability of Solid Materials at Microwave Frequencies (revision of ANSI/ASTM D5568-95 )  
Single copy price: \$25.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

**METALS AND ALLOYS**

BSR/ASTM D1971-95, Practices for Digestion of Samples for Determination of Metals by Flame Atomic Absorption or Plasma Emission Spectroscopy (new standard)  
Single copy price: \$25.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

**OILS**

BSR/ASTM D3325-90(1996), Practice for Preservation of Waterborne Oil Samples (new standard)  
Single copy price: \$25.00

BSR/ASTM D3326-90(1996), Practice for Preparation of Samples for Identification of Waterborne Oils (new standard)  
Single copy price: \$30.00

BSR/ASTM D3328-00, Test Methods for Comparison of Waterborne Petroleum Oils (new standard)  
Single copy price: \$30.00

BSR/ASTM D3414-98, Test Method for Comparison of Waterborne Petroleum Oils by Infrared Spectroscopy (new standard)  
Single copy price: \$30.00

BSR/ASTM D3415-98, Practice for Identification of Waterborne Oils (new standard)  
Single copy price: \$25.00

BSR/ASTM D3650-93(1999), Test Method for Comparison of Waterborne Petroleum Oils by Fluorescence Analysis (new standard)  
Single copy price: \$30.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

**PARTICULATE MATTER**

BSR/ASTM D3375-95, Test Method for Column Capacity of Particulate Mixed Bed Ion Exchange Materials (new standard)  
Single copy price: \$25.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

**PIPE, STEEL**

BSR/ASTM A53/A53M, Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless (revision of ANSI/ASTM A53/A53M-99B)  
Single copy price: \$30.00

BSR/ASTM A135, Specification for Electric-Resistance-Welded Steel Pipe (revision of ANSI/ASTM A135-97)  
Single copy price: \$30.00

BSR/ASTM A181/A181M, Specification for Carbon Steel Forgings, for General Purpose Piping (revision of ANSI/ASTM A181/A181M-00)  
Single copy price: \$25.00

BSR/ASTM A182/A182M, Specification for Forged or Rolled Alloy-Steel Pipe Langes, Forged Fittings, and Valves and Parts for High-Temperature Service (revision of ANSI/ASTM A182/A182M-00b)

Single copy price: \$35.00

BSR/ASTM A335/A335M, Specification for Seamless Ferritic Alloy-Steel Pipe for High-Temperature Service (revision of ANSI/ASTM A335/A335M-00)

Single copy price: \$30.00

BSR/ASTM A358/A358M, Specification for Electric-Fusion-Welded Austenitic Chromium-Nickel Alloy Steel Pipe for High-Temperature Service (revision of ANSI/ASTM A358/A358M-00)

Single copy price: \$30.00

BSR/ASTM A369/A369M, Specification for Carbon and Ferritic Alloy Steel Forged and Bored Pipe for High-Temperature Service (revision of ANSI/ASTM A369/A369M-00)

Single copy price: \$25.00

BSR/ASTM A376/A376M, Specification for Seamless Austenitic Steel Pipe for High-Temperature Central-Station Service (revision of ANSI/ASTM A376/A376M-00)

Single copy price: \$30.00

BSR/ASTM A409/A409M, Specification for Welded Large Diameter Austenitic Steel Pipe for Corrosive or High-Temperature Service (revision of ANSI/ASTM A409)

Single copy price: \$30.00

BSR/ASTM A790/A790M, Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Pipe (revision of ANSI/ASTM A790/A790M-00)

Single copy price: \$30.00

BSR/ASTM A813/A813M, Specification for Single- or Double-Welded Austenitic Stainless Steel Pipe (revision of ANSI/ASTM A813)

Single copy price: \$30.00

BSR/ASTM A814/A814M, Specification for Cold-Worked Welded Austenitic Stainless Steel Pipe (revision of ANSI/ASTM A814/A814M-96 (R1998))

Single copy price: \$30.00

BSR/ASTM A815/A815M, Specification for Wrought Ferritic, Ferritic/Austenitic, and Martensitic Stainless Steel Piping Fittings (revision of ANSI/ASTM A815/A815M-00)

Single copy price: \$30.00

BSR/ASTM A836/A836M, Specification for Titanium-Stabilized Carbon Steel Forgings for Glass-Lined Piping and Pressure Vessel Service (reaffirmation of ANSI/ASTM A836)

Single copy price: \$25.00

BSR/ASTM A943/A943M, Specification for Spray-Formed Seamless Austenitic Stainless Steel Pipes (revision of ANSI/ASTM A943/A943M-00)

Single copy price: \$30.00

BSR/ASTM A949/A949M, Specification for Spray-Formed Seamless Ferritic/Austenitic Stainless Steel Pipe (revision of ANSI/ASTM A949/A949M-00)

Single copy price: \$25.00

BSR/ASTM A999, Specification for General Requirements for Alloy and Stainless Steel Pipe (revision of ANSI/ASTM A999-98)

Single copy price: \$30.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

## PIPING

BSR/ASTM A105/A105M, Specification for Carbon Steel Forgings for Piping Applications (revision of ANSI/ASTM A105/A105M-00)

Single copy price: \$30.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

## PRESSURE VESSELS

BSR/ASTM A782/A782M, Specification for Pressure-Vessel Plates, Quenched and Tempered, Manganese-Chromium-Molybdenum-Silicon Zirconium Alloy Steel (reaffirmation of ANSI/ASTM A782)

Single copy price: \$25.00

BSR/ASTM A841/A841M, Specification for Steel Plates for Pressure Vessels (revision of ANSI/ASTM A841/A841M-98)

Single copy price: \$30.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

## RADIOACTIVE SOURCES

BSR/ASTM D3648-95, Practices for the Measurement of Radioactivity (new standard)

Single copy price: \$40.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

## RESINS

BSR/ASTM D2187-94(1998), Test Methods for Physical and Chemical Properties of Particulate Ion-Exchange Resins (new standard)

Single copy price: \$35.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

## SOLVENTS

BSR/ASTM D3263-82(1999), Test Methods for Corrosivity of Solvent Systems for Removing Water-Formed Deposits (new standard)

Single copy price: \$30.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

## STEAM GENERATORS

BSR/ASTM D3483-83(1999), Test Methods for Accumulated Deposition in a Steam Generator Tube (new standard)

Single copy price: \$25.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

## STEAM SYSTEMS

BSR/ASTM D1066-97, Practice for Sampling Steam (new standard)

Single copy price: \$30.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

## STEEL

BSR/ASTM A6/A6M, Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes, and Sheet Piling (revision of ANSI/ASTM A6/A6M-00)

Single copy price: \$45.00

BSR/ASTM A20/A20M, Specification for General Requirements for Steel Plates for Pressure Vessels (revision of ANSI/ASTM A20/A20M-00)

Single copy price: \$40.00

BSR/ASTM A131/A131M, Specification for Structural Steel for Ships (revision of ANSI/ASTM A131)

Single copy price: \$30.00

BSR/ASTM A148/A148M, Specification for Steel Castings, High Strength, for Structural Purposes (revision of ANSI/ASTM A148/A148M-93B (R1998))

Single copy price: \$25.00

BSR/ASTM A184/A184M, Specification for Fabricated Deformed Steel Bar Mats for Concrete Reinforcement (revision of ANSI/ASTM A184)

Single copy price: \$25.00

- BSR/ASTM A193/A193M, Specification for Alloy-Steel and Stainless Steel Bolting Materials for High-Temperature Service (revision of ANSI/ASTM A193/A193M-00)  
Single copy price: \$35.00
- BSR/ASTM A194/A194M, Specification for Carbon and Alloy Steel Nuts for Bolts for High Pressure or High Temperature Service, or Both (revision of ANSI/ASTM A194/A194M-00)  
Single copy price: \$35.00
- BSR/ASTM A213/A213M, Specification for Seamless Ferritic and Austenitic Alloy-Steel Boiler, Superheater, and Heat-Exchanger Tubes (revision of ANSI/ASTM A213/A213M-98)  
Single copy price: \$30.00
- BSR/ASTM A217/A217M, Specification for Steel Castings, Martensitic Stainless and Alloy, for Pressure-Containing Parts, Suitable for High-Temperature Service (revision of ANSI/ASTM A217/A217M-99)  
Single copy price: \$25.00
- BSR/ASTM A234/A234M, Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Moderate and High Temperature Service (revision of ANSI/ASTM A234/A234M-00)  
Single copy price: \$30.00
- BSR/ASTM A240/A240M, Specification for Heat-Resisting Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels (revision of ANSI/ASTM A240/A240M-00)  
Single copy price: \$30.00
- BSR/ASTM A249/A249M, Specification for Welded Austenitic Steel Boiler, Superheater, Heat-Exchanger, and Condenser Tubes (revision of ANSI/ASTM A249/A249M-98 )  
Single copy price: \$30.00
- BSR/ASTM A250/A250M, Specification for Electric-Resistance-Welded Ferritic Alloy-Steel Boiler and Superheater Tubes (reaffirmation of ANSI/ASTM A250)  
Single copy price: \$25.00
- BSR/ASTM A268/A268M, Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service (revision of ANSI/ASTM A268/A268M-00)  
Single copy price: \$30.00
- BSR/ASTM A269, Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service (revision of ANSI/ASTM A269-00)  
Single copy price: \$30.00
- BSR/ASTM A270, Specification for Seamless and Welded Austenitic Stainless Steel Sanitary Tubing (revision of ANSI/ASTM A270-98)  
Single copy price: \$25.00
- BSR/ASTM A285/A285M, Specification for Pressure Vessel Plates, Carbon Steel, Low- and Intermediate-Tensile Strength (reaffirmation of ANSI/ASTM A285)  
Single copy price: \$25.00
- BSR/ASTM A320/A320M, Specification for Alloy/Steel Bolting Materials for Low-Temperature Service (revision of ANSI/ASTM A320/A320M-00)  
Single copy price: \$30.00
- BSR/ASTM A372/A372M, Specification for Carbon and Alloy Steel Forgings for Thin-Walled Pressure Vessels (revision of ANSI/ASTM A372/A372M-99)  
Single copy price: \$25.00
- BSR/ASTM A388/A388M, Practice for Ultrasonic Examination of Heavy Steel Forgings (reaffirmation of ANSI/ASTM A388/A388M-95 (R00))  
Single copy price: \$30.00
- BSR/ASTM A435/A435M, Specification for Straight-Beam Ultrasonic Examination of Steel Plates (reaffirmation of ANSI/ASTM A435)  
Single copy price: \$25.00
- BSR/ASTM A437/A437M, Specification for Alloy-Steel Turbine-Type Bolting Material Specially Heat Treated for High-Temperature Service (revision of ANSI/ASTM A437/A437M-00)  
Single copy price: \$25.00
- BSR/ASTM A455/A455M, Specification for Pressure Vessel Plates, Carbon Steel, High-Strength Manganese (reaffirmation of ANSI/ASTM A455)  
Single copy price: \$25.00
- BSR/ASTM A470, Specification for Vacuum-Treated Carbon and Alloy Steel Forgings for Turbine Rotors and Shafts (revision of ANSI/ASTM A470-99 )  
Single copy price: \$30.00
- BSR/ASTM A473, Specification for Stainless Steel Forgings (revision of ANSI/ASTM A473-99 )  
Single copy price: \$30.00
- BSR/ASTM A480/A480M, Specification for General Requirements for Flat-Rolled Stainless and Heat-Resisting Steel Plate, Sheet, and Strip (revision of ANSI/ASTM A480/A480M-99B)  
Single copy price: \$40.00
- BSR/ASTM A488/A488M, Practice for Steel Castings, Welding, Qualifications of Procedures and Personnel (revision of ANSI/ASTM A488/A488M-95 )  
Single copy price: \$35.00
- BSR/ASTM A500, Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes (revision of ANSI/ASTM A500-99)  
Single copy price: \$30.00
- BSR/ASTM A501, Specification for Hot-Formed Welded and Seamless Carbon Steel Structural Tubing (revision of ANSI/ASTM A501-99)  
Single copy price: \$30.00
- BSR/ASTM A513, Specification for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing (revision of ANSI/ASTM A513-00)  
Single copy price: \$35.00
- BSR/ASTM A516/A516M, Specification for Pressure Vessel Plates, Carbon Steel, for Moderate- and Lower-Temperature Service (reaffirmation of ANSI/ASTM A516)  
Single copy price: \$25.00
- BSR/ASTM A564/A564M, Specification for Hot-Rolled and Cold-Finished Age-Hardening Stainless Steel Bars and Shapes (revision of ANSI/ASTM A564/A564M-99 )  
Single copy price: \$30.00
- BSR/ASTM A577/A577M, Specification for Ultrasonic Angle-Beam Examination of Steel Plates (reaffirmation of ANSI/ASTM A577/A577M )  
Single copy price: \$25.00
- BSR/ASTM A578/A578M, Specification for Straight-Beam Ultrasonic Examination of Plain and Clad Steel Plates for Special Applications (reaffirmation of ANSI/ASTM A578)  
Single copy price: \$25.00
- BSR/ASTM A615/A615M, Specification for Deformed and Plain Billet-Steel Bars for Concrete Reinforcement (revision of ANSI/ASTM A615/A615M-00)  
Single copy price: \$30.00
- BSR/ASTM A618, Specification for Hot-Formed Welded and Seamless High-Strength Low-Alloy Structural Tubing (revision of ANSI/ASTM A618)  
Single copy price: \$25.00
- BSR/ASTM A632, Specification for Seamless and Welded Austenitic Stainless Steel Tubing Small-Diameter for General Service (revision of ANSI/ASTM A632-98)  
Single copy price: \$25.00
- BSR/ASTM A688/A688M, Specification for Welded Austenitic Stainless Steel Feedwater Heater Tubes (revision of ANSI/ASTM A688/A688M-00)  
Single copy price: \$30.00

BSR/ASTM A703/A703M, Specification for Steel Castings, General Requirements, for Pressure-Containing Parts (revision of ANSI/ASTM A703-99 )  
Single copy price: \$35.00

BSR/ASTM A706/A706M, Specification for Low-Alloy Steel Deformed and Plain Bars for Concrete Reinforcement (revision of ANSI/ASTM A706/A706M-00)  
Single copy price: \$30.00

BSR/ASTM A709/A709M, Specification for Carbon and High-Strength Low-Alloy Structural Steel Shapes, Plates, and Bars and Quenched-And-Tempered Alloy Structural Steel Plates for Bridges (revision of ANSI/ASTM A709/A709M-00)  
Single copy price: \$30.00

BSR/ASTM A756, Specification for Stainless Anti-Friction Bearing Steel (reaffirmation of ANSI/ASTM A756)  
Single copy price: \$25.00

BSR/ASTM A770/A770M, Specification for Through-Thickness Tension Testing of Steel Plates for Special Applications (reaffirmation of ANSI/ASTM A770)  
Single copy price: \$25.00

BSR/ASTM A771/A771M, Specification for Seamless Austenitic and Martensitic Stainless Steel Tubing for Liquid Metal-Cooled Reactor Core Components (reaffirmation of ANSI/ASTM A771)  
Single copy price: \$30.00

BSR/ASTM A775/A775M, Specification for Epoxy-Coated Steel Reinforcing Bars (revision of ANSI/ASTM A775/A775M-00)  
Single copy price: \$30.00

BSR/ASTM A787, Specification for Electric-Resistance-Welded Metallic-Coated Carbon Steel Mechanical Tubing (revision of ANSI/ASTM A787-96)  
Single copy price: \$30.00

BSR/ASTM A789/A789M, Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Tubing for General Service (revision of ANSI/ASTM A789/A789M-00)  
Single copy price: \$25.00

BSR/ASTM A800/A800M, Practice for Steel Castings, Austenitic Alloy, Estimating Ferrite Content Thereof (revision of ANSI/ASTM A800)  
Single copy price: \$30.00

BSR/ASTM A802/A802M, Practice for Steel Castings, Surface Acceptance Standards, Visual Examination (reaffirmation of ANSI/ASTM A802)  
Single copy price: \$25.00

BSR/ASTM A826/A826M, Specification for Seamless Austenitic and Martensitic Stainless Steel Duct Tubes for Liquid Metal-Cooled Reactor Core Components (reaffirmation of ANSI/ASTM A826)  
Single copy price: \$30.00

BSR/ASTM A892, Guide for Defining and Rating the Microstructure of High Carbon Bearing Steels (reaffirmation of ANSI/ASTM A892)  
Single copy price: \$30.00

BSR/ASTM A934/A934M, Specification for Epoxy-Coated Prefabricated Steel Reinforcing Bars (revision of ANSI/ASTM A934/A934M-00)  
Single copy price: \$30.00

BSR/ASTM A996, Specification for Rail-Steel and Axle-Steel Deformed Bars for Concrete Reinforcement (revision of ANSI/ASTM A996-00)  
Single copy price: \$25.00

BSR/ASTM A1010, Specification for Higher-Strength Martensitic Stainless Steel Plate, Sheet, and Strip (revision of ANSI/ASTM A1010-00)  
Single copy price: \$25.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

## STEEL

BSR/ASTM A965/A965M, Specification for Steel Forgings, Austenitic, for Pressure and High Temperature Parts (revision of ANSI/ASTM A965/A965M-99 )  
Single copy price: \$30.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

## STEEL PRODUCTS

BSR/ASTM A764, Specification for Metallic Coated Carbon Steel Wire, Coated at Size and Drawn to Size for Mechanical Springs (reaffirmation of ANSI/ASTM A764)  
Single copy price: \$25.00

BSR/ASTM A778, Specification for Welded, Unannealed Austenitic Stainless Steel Tubular Products (revision of ANSI/ASTM A778-00)  
Single copy price: \$25.00

BSR/ASTM A803/A803M, Specification for Welded Ferritic Stainless Steel Feedwater Heater Tubes (revision of ANSI/ASTM A803/A803M-98)  
Single copy price: \$30.00

BSR/ASTM A884/A884M, Specification for Epoxy-Coated Steel Wire and Welded Wire Fabric for Reinforcement (revision of ANSI/ASTM A884/A884M-99)  
Single copy price: \$30.00

BSR/ASTM A933/A933M, Specification for Vinyl (PVC) Coated Steel Wire and Welded Wire Fabric for Reinforcement (reaffirmation of ANSI/ASTM A933)  
Single copy price: \$30.00

BSR/ASTM Z8736Z, Specification for Pressure Vessel Plates, Alloy Steel, Chromium-Molybdenum-Tungsten (new standard)  
Single copy price: \$30.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

## TESTING

BSR/ASTM D3923-94(1998), Practices for Detecting Leaks in Reverse Osmosis Devices (new standard)  
Single copy price: \$25.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

## TUBES AND TUBING

BSR/ASTM Z8609Z, Guide for Videoborecopying of Tubular Products for Sanitary Applications (new standard)  
Single copy price: \$30.00

BSR/ASTM Z8665Z, Specification for General Requirements for Ferritic Alloy Steel, Austenitic Alloy Steel, and Stainless Steel Tubes (new standard)  
Single copy price: \$40.00

BSR/ASTM Z8737Z, Specification for Steel Tubes, Carbon and Carbon Manganese, Fusion Welded, for Boiler, Superheater, Heat Exchanger and Condenser Applications (new standard)  
Single copy price: \$30.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

## VACCUUM CLEANERS

BSR/ASTM F486, Practice for Preparation of Use and Care Booklets for Vacuum Cleaners (revision of ANSI/ASTM F486-87(1996) )  
Single copy price: \$25.00

★ BSR/ASTM F608, Test Method for Evaluation of Carpet Embedded Dirt Removal Effectiveness of Household/Commercial Vacuum Cleaners (revision of ANSI/ASTM F608-97 )  
Single copy price: \$35.00

BSR/ASTM F888, Test Method for Measuring Maximum Function Volume of the Primary Dirt Receptacle in a Vacuum Cleaner (revision of ANSI/ASTM F888-94(1999) )  
Single copy price: \$30.00

- ★ BSR/ASTM F1411, Practice for Presenting Selected Information on Vacuum Cleaners for Consumer Use (revision of ANSI/ASTM F1411-96 )  
Single copy price: \$25.00
- BSR/ASTM Z8509Z, Test Method for Measuring Air Performance Characteristics of Vacuum Cleaner Motor/Fan Systems (new standard)  
Single copy price: \$40.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

#### VISCOUS MATERIALS

- BSR/ASTM D1531, Test Methods for Relative Permittivity (Dielectric Constant) and Dissipation Factor by Fluid Displacement Procedures (revision of ANSI/ASTM D1531-95 )  
Single copy price: \$30.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

#### WATER AND WASTEWATER

- BSR/ASTM D51-92(1996), Test Methods for Total and Dissolved Carbon Dioxide in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D511-93(1998), Test Methods for Calcium and Magnesium in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D512-89(1999), Test Methods for Chloride Ion in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D516-90(1995), Test Method for Sulfate Ion in Water (new standard)  
Single copy price: \$25.00
- BSR/ASTM D596-91, Practice for Reporting Results of Analysis of Water (new standard)  
Single copy price: \$25.00
- BSR/ASTM D807-00, Practice for Assessing the Tendency of Industrial Boiler Waters to Cause Embrittlement (USBM Embrittlement Detector Method) (new standard)  
Single copy price: \$30.00
- BSR/ASTM D857-95, Test Method for Aluminum in Water (new standard)  
Single copy price: \$25.00
- BSR/ASTM D858-00, Test Methods for Manganese in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D859-00, Test Method for Silica in Water (new standard)  
Single copy price: \$25.00
- BSR/ASTM D887-82(1999), Practices for Sampling Water-Formed Deposits (new standard)  
Single copy price: \$30.00
- BSR/ASTM D888-92(1996), Test Methods for Dissolved Oxygen in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D932-85(1997), Test Method for Iron Bacteria in Water and Water-Formed Deposits (new standard)  
Single copy price: \$30.00
- BSR/ASTM D933-84(1999), Practice for Reporting Results of Examination and Analysis of Water-Formed Deposits (new standard)  
Single copy price: \$25.00
- BSR/ASTM D934-80(1999), Practices for Identification of Crystalline Compounds in Water-Formed Deposits by X-Ray Diffraction (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1067-92(1996), Test Methods for Acidity or Alkalinity of Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1068-96, Test Methods for Iron in Water (new standard)  
Single copy price: \$30.00

- BSR/ASTM D1125-95(1999), Test Methods for Electrical Conductivity and Resistivity of Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1126-96, Test Method for Hardness in Water (new standard)  
Single copy price: \$25.00
- BSR/ASTM D1129-99, Terminology Relating to Water (new standard)  
Single copy price: \$25.00
- BSR/ASTM D1141-98, Practice for Substitute Ocean Water (new standard)  
Single copy price: \$25.00
- BSR/ASTM D1179-99, Test methods for Fluoride Ion in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1192-98, Specification for Equipment for Sampling Water and Steam in Closed Conduits (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1193-99, Specification for Reagent Water (new standard)  
Single copy price: \$25.00
- BSR/ASTM D1245-84(1999), Practice for Examination of Water-Formed Deposits by Chemical Microscopy (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1246-95(1999), Test Method for Bromide Ion in Water (new standard)  
Single copy price: \$25.00
- BSR/ASTM D1252-00, Test Methods for Chemical Oxygen Demand (Dichromate Oxygen Demand) of Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1253-86(1996), Test method for Residual Chlorine in Water (new standard)  
Single copy price: \$25.00
- BSR/ASTM D1291-89(1994), Practice for Estimation of Chlorine Requirement or Demand of Water, or Both (new standard)  
Single copy price: \$25.00
- BSR/ASTM D1292-86(1999), Test Method for Odor in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1293-99, Test Methods for pH of Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1385-88(1997), Test Method for Hydrazine in Water (new standard)  
Single copy price: \$25.00
- BSR/ASTM D1426-98, Test Methods for Ammonia Nitrogen in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1429-95(1999), Test Methods for Specific Gravity of Water and Brine (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1498-00, Practice for Oxidation-Reduction Potential of Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1687-92(1996), Test Methods for Chromium in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1688-95, Test Methods for Copper in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1691-95, Test Methods for Zinc in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1782-95, Test Methods for Operating Performance of Particulate Cation-Exchange Materials (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1783-91(1995), Test Methods for Phenolic Compounds in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1886-94(1998), Test methods for Nickel in Water (new standard)  
Single copy price: \$30.00

- BSR/ASTM D1889-00, Test Method for Turbidity of Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1890-96, Test Method for Beta Particle Radioactivity of Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1941-91(1996), Test Method for Open Channel Flow Measurement of Water with the Parshall Flume (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1943-96, Test Method for Alpha Particle Radioactivity of Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D1976-96, Test Method for Elements in Water by Inductively-Coupled Argon Plasma Atomic Emission Spectroscopy (new standard)  
Single copy price: \$30.00
- BSR/ASTM D2035-80(1999), Practice for Coagulation-Flocculation Jar Test of Water (new standard)  
Single copy price: \$25.00
- BSR/ASTM D2036-98, Test Methods for Cyanides in Water (new standard)  
Single copy price: \$35.00
- BSR/ASTM D2186-84(1999), Test Methods for Deposit-Forming Impurities in Steam (new standard)  
Single copy price: \$30.00
- BSR/ASTM D2331-80(1999), Practices for Preparation and Preliminary Testing of Water-Formed Deposits (new standard)  
Single copy price: \$30.00
- BSR/ASTM D2332-84(1999), Practice for Analysis of Water-Formed Deposits by Wavelength-Dispersive X-Ray Fluorescence (new standard)  
Single copy price: \$25.00
- BSR/ASTM D2460-97, Test Method for Alpha-Particle-Emitting Isotopes of Radium in Water (new standard)  
Single copy price: \$25.00
- BSR/ASTM D2580-94, Test Method for Phenols in Water by Gas-Liquid Chromatography (new standard)  
Single copy price: \$30.00
- BSR/ASTM D2579-97, Test Method for Total Organic Carbon in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D2688-94(1999), Test methods for Corrosivity of Water in the Absence of Heat Transfer (weight Loss Methods) (new standard)  
Single copy price: \$35.00
- BSR/ASTM D2777-98, Practice for Determination of Precision and Bias of Applicable Methods of Committee D-19 on Water (new standard)  
Single copy price: \$35.00
- BSR/ASTM D2791-93(1997), Test Methods for Continuous Determination of Sodium in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D2907-97, Test Methods for Microquantities of Uranium in Water by Fluorometry (new standard)  
Single copy price: \$30.00
- BSR/ASTM D2972-97, Test Methods for Arsenic in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D3082-92(1996), Test Method for Boron In Water (new standard)  
Single copy price: \$25.00
- BSR/ASTM D3084-96, Practice for Alpha-Particle Spectrometry of Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D3113-92(1998), Test Methods for Sodium Salts of EDTA in Water (new standard)  
Single copy price: \$25.00
- BSR/ASTM D3223-95, Test Method for Total Mercury in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D3352-94(1999), Test Method for Strontium Ion in Brackish Water, Seawater, and Brines (new standard)  
Single copy price: \$30.00
- BSR/ASTM D3370-95a(1999), Practice for Sampling Water from Closed Conduits (new standard)  
Single copy price: \$35.00
- BSR/ASTM D3372-92(1996), Test Method for Molybdenum in Water (new standard)  
Single copy price: \$25.00
- BSR/ASTM D3373-93(1998), Test Method for Vanadium in Water (new standard)  
Single copy price: \$25.00
- BSR/ASTM D3454-97, Test Method for Radium-226 in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D3534-85(1995), Test Method for Polychlorinated Biphenyls (PCBs) in Water (new standard)  
Single copy price: \$35.00
- BSR/ASTM D3557-95, Test Methods for Cadmium in Water (new standard)  
Single copy price: \$35.00
- BSR/ASTM D3558-94(1998), Test Methods for Cobalt in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D3559-96, Test Methods for Lead in Water (new standard)  
Single copy price: \$35.00
- BSR/ASTM D3561-96, Test Method for Lithium, Potassium, and Sodium Ions in Brackish Water, Seawater, and Brines by Atomic Absorption Spectrophotometry (new standard)  
Single copy price: \$25.00
- BSR/ASTM D3590-89(1994), Test Methods for Total Kjeldahl Nitrogen in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D3645-97, Test Methods for Beryllium in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D3649-98a, Test Method for High-Resolution Gamma-Ray Spectrometry of Water (new standard)  
Single copy price: \$35.00
- BSR/ASTM D3651-96, Test Method for Barium in Brackish Water, Seawater, and Brines (new standard)  
Single copy price: \$25.00
- BSR/ASTM D3694-96, Practices for Preparation of Sample Containers and for Preservation of Organic Constituents (new standard)  
Single copy price: \$30.00
- BSR/ASTM D3695-95, Test Method for Volatile Alcohols in Water by Direct Aqueous-Injection Gas Chromatography (new standard)  
Single copy price: \$25.00
- BSR/ASTM D3697-92(1996), Test Method for Antimony in Water (new standard)  
Single copy price: \$25.00
- BSR/ASTM D3739-94(1998), Practice for Calculation and Adjustment of the Langelier Saturation Index for Reverse Osmosis (new standard)  
Single copy price: \$25.00
- BSR/ASTM D3856-95, Guide for Good Laboratory Practices in Laboratories Engaged in Sampling and Analysis of Water (new standard)  
Single copy price: \$25.00
- BSR/ASTM D3858-95(1999), Test Method for Open-Channel Flow Measurement of Water by Velocity-Area Method (new standard)  
Single copy price: \$30.00
- BSR/ASTM D3859-98, Test methods for Selenium in Water (new standard)  
Single copy price: \$30.00
- BSR/ASTM D3861-91(1998), Test Method for Quantity of Water-Extractable Matter in Membrane Filters (new standard)  
Single copy price: \$25.00

BSR/ASTM D3862-80(1995), Test Method for Retention Characteristics of 0.2-um Membrane Filters Used in Routine Filtration Procedures for the Evaluation of Microbiological Water Quality (new standard)

Single copy price: \$25.00

BSR/ASTM D3863-87(1998), Test Method for Retention Characteristics of 0.40 to 0.45-um Membrane Filters Used in Routine Filtration Procedures for the Evaluation of Microbiological Water Quality (new standard)

Single copy price: \$25.00

BSR/ASTM D3864-96, Guide for Continual On-Line Monitoring Systems for Water Analysis (new standard)

Single copy price: \$30.00

BSR/ASTM D3865-97, Test Method for Plutonium in Water (new standard)

Single copy price: \$25.00

BSR/ASTM D3866-92(1996), Test Methods for Silver in Water (new standard)

Single copy price: \$30.00

BSR/ASTM D3867-99, Test Methods for Nitrite-Nitrite in Water (new standard)

Single copy price: \$30.00

BSR/ASTM D3868-95(1999), Test Method for Fluoride Ions in Brackish Water, Seawater, and Brines (new standard)

Single copy price: \$25.00

BSR/ASTM D3869-95(1999), Test Methods for Iodide and Bromide Ions in Brackish Water, Seawater, and Brines (new standard)

Single copy price: \$30.00

BSR/ASTM D3871-84(1999), Test Method for Purgeable Organic Compounds in Water Using Headspace Sampling (new standard)

Single copy price: \$30.00

BSR/ASTM D3875-97, Test Method for Alkalinity in Brackish Water, Seawater, and Brines (new standard)

Single copy price: \$25.00

BSR/ASTM D3919-99, Practice for Measuring Trace Elements in Water by Graphite Furnace Atomic Absorption Spectrophotometry (new standard)

Single copy price: \$30.00

BSR/ASTM D3920-92(1996), Test Method for Strontium in Water (new standard)

Single copy price: \$25.00

BSR/ASTM D3921-96, Test Method for Oil and Grease and Petroleum Hydrocarbons in Water (new standard)

Single copy price: \$30.00

BSR/ASTM D3972-97, Test Method for Isotopic Uranium in Water by Radiochemistry (new standard)

Single copy price: \$30.00

BSR/ASTM D3973-85(1995), Test Method for Low-Molecular Weight Halogenated Hydrocarbons in Water (new standard)

Single copy price: \$30.00

BSR/ASTM D3974-81(1999), Practices for Extraction of Trace Elements from Sediments (new standard)

Single copy price: \$25.00

BSR/ASTM D3975-93(1999), Practice for Development and Use (Preparation) of Samples for Collaborative Testing of Methods for Analysis of Sediments (new standard)

Single copy price: \$25.00

BSR/ASTM D3976-92(1996), Practice for Preparation of Sediment Samples for Chemical Analysis (new standard)

Single copy price: \$25.00

BSR/ASTM D3977-97, Test Methods for Determining Sediment Concentration in Water Samples (new standard)

Single copy price: \$25.00

BSR/ASTM D3986-95, Test Method for Barium in Brines, Seawater, and Brackish Water by Direct-Current Argon Plasma Atomic Emission Spectroscopy (new standard)

Single copy price: \$25.00

BSR/ASTM D6097, Test Method for Relative Resistance to Vented Water-Tree Growth in Solid Dielectric Insulating Materials (revision of ANSI/ASTM D6097-97A )

Single copy price: \$30.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

#### WIRE

BSR/ASTM D2307, Test Method for Relative Thermal Endurance of Film-Insulated Round Magnet Wire (revision of ANSI/ASTM D2307-95 )

Single copy price: \$30.00

(See order and comment instructions at end of ASTM Standards Submitted for Withdrawal.)

#### ASTM STANDARDS SUBMITTED FOR WITHDRAWAL

BSR/ASTM D1047, Specification for Poly(Vinyl Chloride) Jacket for Wire and Cable (revision of ANSI/ASTM D1047-95 )

Single copy price: \$25.00

BSR/ASTM D2768, Specification for General-Purpose Ethylene-Propylene Rubber Jacket for Wire and Cable (revision of ANSI/ASTM D2768-95 )

Single copy price: \$25.00

BSR/ASTM D2770, Specification for Ozone-Resistant Ethylene-Alkene Polymer Integral Insulation and Jacket for Wire and Cable (revision of ANSI/ASTM D2770-93 )

Single copy price: \$25.00

BSR/ASTM D4244, Specification for General-Purpose, Heavy-Duty, and Extra-Heavy Duty Acrylonitrile-Butadiene/Poly(Vinyl Chloride (NBR/PVC) Jackets for Wire and Cable (revision of ANSI/ASTM D4244-95 )

Single copy price: \$25.00

## ASTM Standards Submitted for Withdrawal

#### DOORS AND FRAMES

ANSI/ASTM E1408-00, Test Method for Laboratory Measurement of the Sound Transmission Loss of Door Panels and Door Systems (withdrawal of ANSI/ASTM E1408-00)

Single copy price: \$30.00

For reaffirmations and withdrawals, Order from: Customer Service, ANSI

For new standards and revisions, Order from: Faith Lanzetta, ASTM

For all ASTM standards, Send comments (with copy to BSR) to: Faith Lanzetta, ASTM

## Withdrawn from consideration

BSR E1.13, Entertainment Technology - Design, Installation, Inspection, and Maintenance of Scoreboard and Speaker Hoisting Equipment Permanently Installed in Entertainment Venues has been withdrawn from consideration. It was listed for public review in the 2/11/2000 edition of *Standards Action*. The scope of that project will be included into the scope of the BSR E1.6 project.

## Correction

An incorrect designation was listed for public review in the February 9, 2001 edition. BSR/ISO/IEC 9541-1:1991 AMENDMENT 1:2000 should have been designated as BSR/ISO/IEC 9541-2:1991 AMENDMENT 1:2000 as it refers to a different document as indicated in the title.

# Call for Comment Contact Information

Note: 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 submit standards for public review on a regular basis; 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, 11 West 42<sup>nd</sup> Street, New York, NY 10036 or standact@ansi.org.

- AA**  
Aluminum Association, Inc.  
900 19th St., NW  
Washington, DC 20006
- AAMA**  
American Architectural  
Manufacturers Association  
1827 Walden Office Square, Suite 104  
Schaumburg, IL 60173-4268  
PHONE: (847) 303-5664, ext. 20  
FAX: (847) 303-5774  
e-mail: webmaster@aamanet.org
- AAMI**  
Association for Advancement of  
Medical Instrumentation  
1110 N. Glebe Rd., Suite 220  
Arlington, VA 22201
- AAMVA**  
American Association of Motor  
Vehicle Administrators  
4301 Wilson Blvd., Suite 400  
Arlington, VA 22203
- ABA**  
American Bankers Association  
1120 Connecticut Ave., NW  
Washington, DC 20036
- ABMA**  
American Bearing Manufacturers  
Association  
1200 19th Street, NW, Suite 300  
Washington, DC 20036-2412
- ABYC**  
American Boat and Yacht Council  
3069 Solomons Island Road  
Edgewater, MD 21037
- ACI International**  
American Concrete Institute  
P. O. Box 9094  
Farmington Hills, MI 48333-9094
- ACMI**  
The Art and Creative Materials  
Institute, Inc.  
100 Boylston Street, Suite 1050  
Boston, MA 02116
- ADA**  
American Dental Association  
211 East Chicago Avenue  
Chicago, IL 60611
- AES**  
Audio Engineering Society, Inc.  
60 East 42nd Street, Suite 2010  
New York, NY 10165
- AGA**  
American Gas Association  
400 N. Capitol Street, NW  
Washington, DC 20001
- AGMA**  
American Gear Manufacturers  
Association  
1500 King Street, Suite 201  
Alexandria, VA 22314
- AGRSS**  
Automotive Glass Replacement  
Safety Standards Committee  
6949 Stanford Drive  
Bridgeview, IL 60455
- AHAM**  
Association of Home Appliance  
Manufacturers  
1111 19th Street, NW, Suite 402  
Washington, DC 20036  
PHONE: (202) 872-5955  
FAX: (202) 872-9354
- AHMA**  
American Hotel & Motel Association  
1201 New York Avenue, NW, Suite 600  
Washington, DC 20005
- AIAA**  
American Institute of Aeronautics  
and Astronautics  
1801 Alexander Bell Drive  
Suite 500  
Reston, VA 20191  
PHONE: (703) 264-7570  
e-mail: standards@aiaa.org
- AIHA**  
American Industrial Hygiene  
Association  
2700 Prosperity Avenue, Suite 250  
Fairfax, VA 22031  
PHONE: (703) 849-8888  
FAX: (703) 207-3561
- AIIM**  
Association for Information and  
Image Management International  
1100 Wayne Avenue  
Silver Spring, MD 20910-5603
- AIM**  
634 Alpha Drive  
Pittsburgh, PA 15238-2802  
PHONE: (412) 963-8588  
FAX: (412) 963-8753  
web: www.aimglobal.org
- AISI-1**  
American Iron and Steel Institute  
Box 4237  
Chestertown, MD 21690
- AISI-2**  
American Iron and Steel Institute  
1101 17th Street, NW, Suite 1300  
Washington, DC 20036
- ALI**  
Automotive Lift Institute  
P.O. Box 33116  
Indialantic, FL 32903  
PHONE: (321) 722-9993  
FAX: (321) 722-9931  
web: www.autolift.org
- (ALI)**  
American Ladder Institute  
401 N. Michigan Avenue  
Chicago, IL 60611
- AMCA**  
Air Movement and Control  
Association International, Inc.  
30 West University Drive  
Arlington Heights, IL 60004
- AMT**  
The Association for Manufacturing  
Technology  
7901 Westpark Drive  
McLean, VA 22102
- ANS**  
American Nuclear Society  
555 North Kensington Avenue  
La Grange Park, IL 60526
- ANSI**  
American National Standards Institute  
11 West 42nd Street  
New York, NY 10036  
PHONE: (212) 642-4980  
FAX: (212) 302-1286  
e-mail: psa@ansi.org
- API**  
American Petroleum Institute  
1220 L Street, NW  
Washington, DC 20005-4070  
PHONE: (202) 682-8375  
FAX: (202) 962-4776  
e-mail: publications@api.org
- ARI**  
Air-Conditioning & Refrigeration  
Institute  
4301 North Fairfax Dr., Suite 425  
Arlington, VA 22203  
e-mail: woodford@ari.org
- ARMA International**  
4200 Somerset Drive, Suite 215  
Prairie Village, KS 66208
- ASA**  
Acoustical Society of America  
120 Wall Street, 32nd floor  
New York, NY 10005-3993  
PHONE: (212) 248-0373  
FAX: (212) 248-0146  
e-mail: asastds@aip.org
- ASAE**  
American Society of Agricultural  
Engineers  
2950 Niles Road  
St. Joseph, MI 49085-9569
- ASB**  
American Society of Baking  
377 Fitzpatrick Hall  
Notre Dame, IN 46556  
PHONE: (219) 631-9489  
e-mail: schmid.z@nd.edu
- ASCE**  
American Society of Civil Engineers  
1015 15th Street, NW, Suite 600  
Washington, DC 20005
- ASHRAE**  
American Society of Heating, Refriger-  
ating and Air-Conditioning Engi-  
neers, Inc.  
1791 Tullie Circle, NE  
Atlanta, GA 30329-2305  
public.review.comment@ashrae.org
- ASME**  
American Society of Mechanical  
Engineers  
3 Park Avenue, 20th Floor  
New York, NY 10016  
PHONE: (212) 591-8460  
FAX: (212) 591-8501
- ASQ**  
American Society for Quality  
P.O. Box 3005  
Milwaukee, WI 53201-3005  
PHONE: (800) 248-1946
- ASSE**  
American Society of Safety Engineers  
1800 East Oakton Street  
Des Plaines, IL 60018  
PHONE: (847) 699-2929  
e-mail: customerservice@asse.org
- (ASSE)**  
American Society of Sanitary Engineering  
28901 Clemens Road, Suite 100  
Westlake, OH 44145
- ASTM**  
100 Barr Harbor Drive  
West Conshohocken, PA 19428-2959
- ATIS**  
Alliance for Telecommunications  
Industry Solutions  
1200 G Street, NW, Suite 500  
Washington, DC 20005  
PHONE: (202) 434-8839
- ALI**  
Automotive Lift Institute, Inc.  
P.O. Box 33116  
Indialantic, FL 32903
- AWS**  
American Welding Society  
550 NW LeJeune Road  
Miami, FL 33126
- AWWA**  
American Water Works Association  
6666 West Quincy Avenue  
Denver, CO 80235
- B65 Secretariat**  
1899 Preston White Dr.  
Reston, VA 20191-4367
- Beneficial Designs**  
5858 Empire Grade  
Santa Cruz, CA 95060
- BHMA**  
Builders Hardware Manufacturers  
Association, Inc.  
355 Lexington Avenue, 17th Floor  
New York, NY 10017
- BIFMA International**  
2680 Horizon Drive, SE, Suite 1-A  
Grand Rapids, MI 49546-7500  
PHONE: (616) 285-3963  
FAX: (616) 285-3765
- CAGI**  
Compressed Air & Gas Institute  
1300 Sumner Avenue  
Cleveland, OH 44115-2851
- CAM-I, Inc.**  
3301 Airport Frwy, Suite 324  
Bedford, Texas 76021  
817-860-1654 Ext. 143
- CAMI**  
Coated Abrasives Manufacturers' Institute  
1300 Sumner Avenue  
Cleveland, Ohio 44115
- (CEMA)**  
Conveyer Equipment Manufacturers Asso-  
ciation  
6724 Lone Oak Blvd.  
Naples, FL 34109
- CCPA**  
Cemented Carbide Producers  
Association  
30200 Detroit Road  
Cleveland, OH 44145-1967
- CGA**  
Compressed Gas Association  
1725 Jefferson Davis Highway,  
Suite 1004  
Arlington, VA 22202
- The Chlorine Institute, Inc.**  
2001 L Street, NW  
Suite 506  
Washington, DC 20036  
PHONE: (202) 775-2790  
FAX: (202) 223-7225
- CMA**  
Chemical Manufacturers Association  
1300 Wilson Blvd.  
Arlington, VA 22209  
PHONE: (703) 741-5226  
FAX: (703) 741-6226
- CMA-2**  
Susan Conti, Esq.  
3609 Appleton Street N.W.  
Washington, DC 20008  
PHONE: (202) 237-2899  
FAX: (202) 237-6563
- Contemporary Controls**  
2431 Curtiss St.  
Downers Grove, IL 60515
- CPA**  
Composite Panel Association  
18928 Premiere Court  
Gaithersburg, MD 20879
- CSA International**  
8501 East Pleasant Valley Road  
Cleveland, OH 44131
- CSSinfo**  
Customer Standards Service  
310 Miller Avenue  
Ann Arbor, MI 48103  
PHONE: (800) 699-9277  
web: www.nsf.org/publications
- DASMA**  
Door and Access Systems  
Manufacturers Association  
1300 Sumner Avenue  
Cleveland, OH 44115-2851



Contact information (*continued*)**DWMI**

Diamond Wheel Manufacturers' Institute  
30200 Detroit Road  
Cleveland, OH 44145-1967

**EASA**

Electrical Apparatus Service Association  
1331 Baur Blvd.  
St. Louis, MO 63132  
PHONE: (314) 993-2220  
FAX: (314) 993-1269

**EIA**

Electronic Industries Alliance  
2500 Wilson Boulevard  
Arlington, VA 22201  
PHONE: (703) 907-7554  
FAX: (703) 907-7501

**(EIA)**

Environmental Industry Association  
4301 Connecticut Avenue, NW, Suite 300  
Washington, DC 20008

**EIMA**

EIFS Industry Members Association  
3000 Corporate Center Drive, Suite 270  
Morrow, GA 30260

**ESD Association**

7900 Turin Road, Bldg 3, Ste 2,  
Rome, NY 13440  
PHONE: (315) 339-6937

**ESTA**

Entertainment Services and  
Technology Association  
875 Sixth Avenue, Suite 2302  
New York, NY 10001  
PHONE: (212) 244-1505  
FAX: (212) 244-1502  
kruling@esta.org

**FCI**

Fluid Controls Institute  
1300 Sumner Avenue  
Cleveland, OH 44115-2851

**FMR**

Factory Mutual Research  
1151 Boston-Providence Turnpike  
Norwood, MA 02062

**Georgia Tech EEMC**

142 O'Keefe Building  
Atlanta, GA 30332-0640

**Global Engineering Documents**

15 Inverness Way East  
Englewood, CO 80112-5704  
PHONE: (800) 854-7179  
FAX: (303) 379-2740  
web: <http://global.ihs.com>

**GWI**

Grinding Wheel Institute  
30200 Detroit Road  
Cleveland, OH 44145-1967

**HI**

Hydraulic Institute  
9 Sylvan Way  
Parsippany, NJ 07054-3802

**HIBCC**

Health Industry Business  
Communications Council  
2525 East Arizona Biltmore Circle, Suite 127  
Phoenix, AZ 85106  
PHONE: (602) 381-1091  
FAX: (602) 381-1093

**HL7**

Health Level Seven  
3300 Washtenaw Ave., Suite 227  
Ann Arbor, MI 48104-4261

**HPS**

Health Physics Society  
1313 Dolley Madison Blvd., Suite 402  
McLean, VA 22101

**HPVA**

Hardwood Plywood & Veneer  
Association  
P.O. Box 2789  
Reston, VA 20195  
[www.hpva.org](http://www.hpva.org)

**ICC**

International Code Council  
5203 Leesburg Pike, Suite 600  
Falls Church, VA 22041

**ICEA**

Insulated Cable Engineers Association  
P.O. Box 440  
South Yarmouth, MA 02664  
PHONE: (508) 394-4424

**IEEE**

Institute of Electrical and  
Electronics Engineers  
445 Hoes Lane, P.O. Box 1331  
Piscataway, NJ 08855-1331  
PHONE: (800) 678-IEEE

**IESNA**

Illuminating Engineering Society  
of North America  
120 Wall Street, Floor 17  
New York, NY 10005-4001  
PHONE: (212) 248-5000  
FAX: (212) 248-5017

**IEE**

Institute of Industrial Engineers  
25 Technology Park  
Norcross, GA 30092

**IIMA**

International Institute of Ammonia  
Refrigeration  
1200 19th St., NW, Suite 300  
Washington, DC 20036-2422

**IPC**

Institute for Interconnecting and  
Packaging Electronic Circuits  
2215 Sanders Road  
Northbrook, IL 60062-6135

**ISA**

67 Alexander Drive  
P.O. Box 12277  
Research Triangle Park, NC 27709

**ISEA**

Industrial Safety Equipment  
Association  
1901 North Moore Street, Suite 808  
Arlington, VA 22209

**ITI**

Information Technology Industry Council  
1250 Eye Street, NW, Suite 200  
Washington, DC 20005-3922  
FAX: (202) 638-4922  
e-mail: [bbennett@itic.nw.dc.us](mailto:bbennett@itic.nw.dc.us)

**KCMA**

Kitchen Cabinet Manufacturers  
Association  
1899 Preston White Drive  
Reston, VA 20191-5435

**LIA**

Laser Institute of America  
12424 Research Parkway, Suite 125  
Orlando, FL 32826

**LLNL**

Lawrence Livermore National  
Laboratory  
P.O. Box 808 L-379  
Livermore, CA 94550

**MHI**

Material Handling Industry  
8720 Red Oak Blvd., Suite 201  
Charlotte, NC 28217

**NAA-1**

National Arborist Association, Inc.  
P.O. Box 1094  
Amherst, NH 03031-1094

**NAA-2**

National Arborist Association, Inc.  
3 Perimeter Rd, Unit 1  
Manchester, NH 03103

**NAAMM-1**

National Association of Architectural  
Metal Manufacturers  
8 South Michigan Avenue, Suite 1000  
Chicago, IL 60603

**NAAMM-2**

7611 Nancy Drive  
Norfolk, VA 23518-4635

**NACE International**

National Association of  
Corrosion Engineers  
P.O. Box 218340  
Houston, TX 77218-8340

**NBBPVI**

National Board of Boiler and Pressure  
Vessel Inspectors  
1055 Crupper Avenue  
Columbus, OH 43229-1183

**NCCLS**

940 West Valley Road, Suite 1400  
Wayne, PA 19087-1898  
PHONE: (610) 688-0100  
FAX: (610) 688-0700  
e-mail: [bawise@nccls.org](mailto:bawise@nccls.org)

**NCITS**

National Committee for Information  
Technology Standards  
1250 Eye Street, NW, Suite 200  
Washington, DC 20005-3922  
FAX: (202) 638-4922  
e-mail: [ddonovan@itic.nw.dc.us](mailto:ddonovan@itic.nw.dc.us)  
or [bbennett@itic.nw.dc.us](mailto:bbennett@itic.nw.dc.us)

**NCPDP**

National Council for Prescription Drug  
Programs  
4201 North 24th Street, Suite 365  
Phoenix, AZ 85016-6268

**NECA**

National Electrical Contractors Association  
3 Bethesda Metro Center  
Bethesda, MD 20814  
PHONE: (301) 215-4504  
FAX: (301) 215-4500

**NEMA**

National Electrical Manufacturers  
Association  
1300 North 17th Street, Suite 1847  
Rosslyn, VA 22209

**NETA**

P.O. Box 687  
Morrison, CO 80465  
PHONE: (303) 697-8441  
FAX: (303) 697-8431  
e-mail: [neta@netaworld.org](mailto:neta@netaworld.org)

**(NFPA)**

National Fluid Power Association  
3333 North Mayfair Road  
Milwaukee, WI 53222-3219  
PHONE: (414) 778-3344  
FAX: (414) 778-3361  
e-mail: [nfpa@nfpa.com](mailto:nfpa@nfpa.com)

**NFPA (To order publications)**

National Fire Protection Association  
11 Tracy Drive  
Avon, MA 02322  
PHONE: (800) 344-3555  
FAX: (800) 593-6372  
e-mail: [custserv@nfpa.org](mailto:custserv@nfpa.org)

**NFPA (For all other inquiries)**

National Fire Protection Association  
1 Batterymarch Park  
Quincy, MA 02269-9101  
PHONE: (617) 770-3000  
FAX: (617) 770-3000  
e-mail: [stds\\_admin@nfpa.org](mailto:stds_admin@nfpa.org)

**NGA**

National Glass Association  
8200 Greensboro Dr., #302  
McLean, VA 22102-3881  
PHONE: (703) 442-4890  
FAX: (703) 442-0630

**NGCMA**

National Golf Car Manufacturers  
Association  
Suite 310, Two Ravina Drive  
Atlanta, Georgia 30346-2112

**NIMS**

National Institute for Metalworking  
Skills  
3251 Old Lee Highway, Suite 205  
Fairfax, VA 22030

**NIRMA**

Nuclear Information and Records  
Management Association, Inc.  
210 Fifth Avenue  
New York, NY 10010

**NISO-1**

National Information Standards Organization  
P.O. Box 338  
Oxon Hill, MD 20750  
PHONE: (301) 567-9522

**NISO-2**

National Information Standards  
Organization  
4733 Bethesda Ave., Suite 300  
Bethesda, MD 20814  
e-mail: [nisohq@niso.org](mailto:nisohq@niso.org)  
PHONE: (301) 654-2512  
FAX: (301) 654-1721

**NISO Press**

P.O. Box 451  
Annapolis Jct., MD 20701  
PHONE: (301) 362-6904  
FAX: (301) 206-9789

**NIST**

National Institute of Standards  
and Technology  
100 Bureau Drive  
Gaithersburg, MD 20899-8460

**NPES**

1899 Preston White Drive  
Reston, VA 20191-4367  
PHONE: (703) 264-7200  
FAX: (703) 620-0994

**NSAA**

133 South Van Gordon Street,  
Suite 300  
Lakewood, CO 80228  
PHONE: (303) 987-1111  
FAX: (303) 986-2345  
e-mail: [sidr@nsaa.org](mailto:sidr@nsaa.org)

**NSC**

National Safety Council  
1121 Spring Lake Drive  
Itasca, IL 60143  
PHONE: (800) 621-7619

**NSF International**

789 Dixboro Road  
P.O. Box 130140  
Ann Arbor, MI 48113-0140  
PHONE: (734) 769-8010  
FAX: (734) 827-6831

**NSPI**

National Spa and Pool Institute  
2111 Eisenhower Avenue  
Alexandria, VA 22314

**NWWDA**

National Wood Window & Door  
Association  
1400 E. Touhy Avenue, Suite G-54  
Des Plaines, IL 60018

**OEOSC**

Optics and Electro-Optics Standards Council  
P.O. Box 25705  
Rochester, NY 14625-0705  
PHONE: (716) 377-2540  
FAX: (716) 377-2540

**OLA**

Optical Laboratories Association  
P.O. Box 2000  
Merrifield, VA 22116-2000

**OPEI**

Outdoor Power Equipment Institute  
341 South Patrick Street  
Alexandria, VA 22314  
PHONE: (703) 549-7600  
FAX: (703) 549-7604  
[opeistat@aol.com](mailto:opeistat@aol.com)

**ORISE**

Oak Ridge Institute for Science &  
Education  
P.O. Box 117, MS-18  
Oak Ridge, TN 37831-0117

**PFERD Milwaukee Brush company**

P.O. Box 830  
Menomonee Falls, WI 53052

**PIMA**

Photographic & Imaging  
Manufacturers Association  
550 Mamaroneck Avenue, Suite 307  
Harrison, NY 10528-1612  
e-mail: [natlstds@pima.net](mailto:natlstds@pima.net)

**PMI**

Four Campus Boulevard  
Newton Square, PA 19073-3299  
PHONE: (610) 356-4600  
FAX: (610) 356-4647

Contact information (*concluded*)**PMMI**

Packaging Machinery Manufacturers Institute  
4350 North Fairfax Drive, Suite 600  
Arlington, VA 22203

**PPEMA**

Portable Power Equipment Manufacturers Association  
4340 East West Highway, Suite 912  
Bethesda, MD 20814  
PHONE: (301) 652-0774  
FAX: (301) 654-6138

**RESNA**

1700 N. Moore Street, Suite 1540  
Arlington, VA 22201  
PHONE: (703) 524-6686

**RIA**

Robotics Industries Association  
P.O. Box 3724  
900 Victor's Way, Suite 140  
Ann Arbor, MI 48106-7479

**RMA**

Rubber Manufacturers Association  
1400 K Street, NW, Suite 900  
Washington, DC 20005

**RMI**

Rack Manufacturers Institute  
8720 Red Oak Blvd., Ste. 201  
Charlotte, NC 28217

**Rohm and Haas Co.**

727 Norristown Road  
Spring House, PA 19477

**RVIA**

Recreation Vehicle Industry Association  
1896 Preston White Drive  
Reston, VA 20191

**SAE**

Society of Automotive Engineers, Inc.  
400 Commonwealth Drive  
Warrendale, PA 15096-0001

**SCTE**

Society of Cable Telecommunications Engineers, Inc.  
140 Phillips Road  
Exton, PA 19341  
PHONE: (610) 363-6888  
FAX: (610) 363-7133

**SDI**

Steel Door Institute  
30200 Detroit Road  
Cleveland, OH 44145

**SES**

Standards Engineering Society  
13340 SW 96th Avenue  
Miami, Florida 33176  
PHONE: (305) 971-4798  
FAX: (305) 971-4799  
e-mail: hgziggy@worldnet.att.net

**SIA-1**

Scaffold Industry Association  
20335 Ventura Blvd., Suite 310  
Woodland Hills, CA 91364  
e-mail: sia@scaffold.org  
PHONE: (818) 610-0320  
FAX: (818) 610-0323  
e-mail: glarson@scaffold.org

**SIA-2**

Security Industry Association  
635 Slaters Lane, Suite 110  
Alexandria, VA 22314  
PHONE: (703) 683-0393  
FAX: (703) 683-2469

**SJI**

Steel Joist Institute  
3127 10th Ave. North  
Myrtle Beach, SC 29577-6760

**SMACNA**

4201 Lafayette Center Drive  
Chantilly, VA 20151

**SMPTE**

Society of Motion Picture and Television Engineers  
595 West Hartsdale Avenue  
White Plains, NY 10607-1824

**SPI**

Society of the Plastics Industry  
1801 K Street, NW  
Washington, DC 20006

**SSCI**

Steel Shipping Container Institute  
1101 14th Street, NW, Suite 1020  
Washington, DC 20005-5606

**SVIA**

Specialty Vehicle Institute of America  
2 Jenner Street, Suite 150  
Irvine, CA 92618-3806  
PHONE: (949) 727-3727 ext. 3038  
FAX: (949) 727-4217

**Techstreet**

Historic Northern Brewery Building  
1327 Jones Drive  
Ann Arbor, MI 48105  
PHONE: (800) 699-9277;  
(734) 302.7801  
FAX: (734) 302.7811  
service@techstreet.com

**TCA**

Tile Council of America, Inc.  
100 Clemenson Research Blvd.  
Anderson, SC 29625

**TIA**

Telecommunications Industry Association  
2500 Wilson Blvd., Suite 300  
Arlington, VA 22201-3834  
FAX: (703) 907-7727

**Truss Plate Institute**

583 D'Onofrio Drive, Suite 200  
Madison, WI 53719

**UCC**

Uniform Code Council, Inc.  
1009 Lenox Drive, Suite 202  
Lawrence, NJ 08648  
ccummins@uc-council.org

**UL-NY**

Underwriters Laboratories, Inc.  
1285 Walt Whitman Road  
Melville, NY 11747-3081

**UL-IL**

Underwriters Laboratories, Inc.  
333 Pfingsten Road  
Northbrook, IL 60062-2096

**UL-NC**

Underwriters Laboratories, Inc.  
12 Laboratory Drive  
Research Triangle Park, NC 27709-3995

**UL-CA**

Underwriters Laboratories, Inc.  
1655 Scott Blvd.  
Santa Clara, CA 95050-4169  
PHONE: (408) 556-6153

**USO PRO**

5300 International Blvd.  
N. Charleston, SC 29418

**VITA**

VMEbus International Trade Association  
7825 E. Gelding Drive, Suite 104  
Scottsdale, AZ 85260

**Wherry Associates**

30200 Detroit Rd.  
Westlake, OH 44145-1967

**WMMA**

Woodworking Machinery Manufacturers Association  
1900 Arch St.  
Philadelphia, PA 19103

# Final actions on American National Standards

ANSI's Board of Standards Review has taken the final action indicated on the standards listed below.

## AGRICULTURAL EQUIPMENT

ANSI/ASAE S296.4-DEC95 (RJAN01), General Terminology for Traction of Agricultural Tractors, Self-Propelled Implements, and Traction and Transport Devices (reaffirmation of ANSI/ASAE S296.4-DEC95): 1/25/2001

## BOILERS AND PRESSURE VESSELS

ANSI/ISA 77.44.01-2000, Fossil Fuel Plant Steam Temperature Control System - Drum Type (revision of ANSI/ISA S77.44-1994): 1/23/2001

## CABINETS

- ★ ANSI/KCMA A161.1-2000, Performance and Construction Standard for Kitchen and Vanity Cabinets (revision of ANSI/KCMA A161.1-1995): 1/23/2001

## CONSTRUCTION AND DEMOLITION

- ANSI A10.8-2001, Safety Requirements for Scaffolding (new standard): 1/30/2001

## CONTAINERS

ANSI/ASAE EP446.2-DEC95 (RJAN01), Loads Exerted by Irish Potatoes in Shallow Bulk Storage Structures (reaffirmation of ANSI/ASAE EP446.2-DEC95): 1/25/2001

## DENTAL MATERIEL

- ANSI/ADA 41 and 41a-1979 (R2001), Biological Evaluation of Dental Materials (reaffirmation of ANSI/ADA 41-1979 (R1989)): 1/23/2001

## ELECTRICITY

ANSI/TIA/EIA 644-A-2001, Electrical Characteristics of Low Voltage Differential Signaling (L-VDS) Interface Circuits (revision of ANSI/TIA/EIA 644-1995): 1/30/2001

## FINANCIAL SERVICES

ANSI X9.79-2001, Public Key Infrastructure (PKI) Practices and Policy Framework (new standard): 1/23/2001

## FOOD EQUIPMENT

ANSI/NSF 36-2001, Dinnerware (revision of ANSI/NSF 36-2000): 1/13/2001

## INFORMATION TECHNOLOGY

- ANSI/ISO/IEC 9995-3:1994/AMENDMENT 1:1998, Information Technology - Keyboard Layouts for Text and Office Systems - Part 3: Complementary Layouts of the Alphanumeric Zone of the Alphanumeric Section - Amendment 1 (new standard): 1/25/2001
- ANSI/ISO/IEC 10118-3:1998, Information Technology - Security Techniques - Hash-Functions - Part 3: Dedicated Hash-Functions (new standard): 1/25/2001
- ANSI/ISO/IEC 11581-1:2000, Information Technology - User System Interfaces and Symbols - Icon Symbols and Functions - Part 1: Icons - General (new standard): 1/25/2001
- ANSI/ISO/IEC 11581-2:2000, Information Technology - User System Interfaces and Symbols - Icon Symbols and Functions - Part 2: Object Icons (new standard): 1/25/2001
- ANSI/ISO/IEC 11581-3:2000, Information Technology - User System Interfaces and Symbols - Icon Symbols and Functions - Part 3: Pointer Icons (new standard): 1/25/2001

- ANSI/ISO/IEC 11581-6:1999, Information Technology - User System Interfaces and Symbols - Icon Symbols and Functions - Part 6: Action Icons (new standard): 1/25/2001
- ANSI/ISO/IEC 13249-3:1999, Information Technology - Database Languages - SQL Multimedia and Application Packages - Part 3: Spatial (new standard): 1/25/2001
- ANSI/ISO/IEC 13250:2000, Information Technology - SGML Applications - Topic Maps (new standard): 1/25/2001
- ANSI/ISO/IEC 14750:1999, Information Technology - Open Distributed Processing - Interface Definition Language (new standard): 1/25/2001
- ANSI/ISO/IEC 14752:2000, Information Technology - Open Distributed Processing - Protocol Support For Computational Interactions (new standard): 1/25/2001
- ANSI/ISO/IEC 14771:1999, Information Technology - Open Distributed Processing - Naming Framework (new standard): 1/25/2001
- ANSI/ISO/IEC 15286:1999, Information Technology - 130 mm Optical Disk Cartridges for Information Interchange - Capacity: 5.2 Gbytes per Cartridge (new standard): 1/25/2001
- ANSI/ISO/IEC 18093:1999, Information Technology - Data Interchange on 130 mm Optical Disk Cartridges of Type WORM (Write Once Read Many) Using Irreversible Effects - Capacity: 5.2 Gbytes per Cartridge (new standard): 1/25/2001

## LENSES

ANSI/OEOSC OP3.001-2001, Optical Glass (new standard): 1/23/2001

## LIFTING DEVICES

- ANSI/ASME A18.1a-2001, Safety Standard for Platform Lifts and Stairway Chairlifts (supplement to ANSI/ASME A18.1-1999): 1/30/2001

## MANLIFTS

ANSI/ASME A90.1b-2001, Safety Standard for Belt Manlifts (supplement to ANSI/ASME A90.1-1997): 1/23/2001

## PIPING AND PIPING SYSTEMS

ANSI/ASAE S261.7-OCT96 (RJAN01), Design and Installation of Nonreinforced Concrete Irrigation Pipe Systems (reaffirmation of ANSI/ASAE S261.7-OCT96): 1/30/2001

## POWER PLANTS

ANSI/ISA 77.44.02-2001, Fossil Fuel Power Plant Steam Temperature Control System - Once-Through Type (new standard): 1/23/2001

## QUALITY ASSURANCE

ANSI/ISO/ASQ Q10015-1999, Quality Management - Guidelines for Training (new standard): 1/25/2001

## RADIATION, ELECTROMAGNETIC

ANSI/IEEE 475-2000, Standard Measurement Procedure for Field Disturbance Sensors, 300 MHz to 40 GHz (revision of ANSI/IEEE 475-1983 (R1994)): 1/22/2001

## TELECOMMUNICATIONS

- ANSI/IEEE 487-2000, Recommended Practice for the Protection of Wire-Line Communication Facilities Serving Electric Supply Locations (revision of ANSI/IEEE 487-1992): 1/30/2001
- ANSI/TIA/EIA 102.AAAA-A-2001, Project 25 Encryption Protocol (new standard): 1/23/2001

ANSI/TIA/EIA 102.AAAC-2001, Conformance Test for the Project 25 DES Encryption Protocol (new standard): 1/23/2001

#### TELEPHONE EQUIPMENT

ANSI/TIA/EIA 793-2001, North American Telephone Network Transmission Model for Evaluating Analog Client and Digitally Connected Server Modems (new standard): 1/23/2001

#### WATER TREATMENT

- ANSI/NSF 42-2001, Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2000): 1/13/2001
- ANSI/NSF 44-2001, Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2000): 1/13/2001
- ANSI/NSF 53-2001, Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2000): 1/13/2001
- ANSI/NSF 58-2001, Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2000): 1/13/2001

## Standards Withdrawn

#### PHOTOGRAPHY

ANSI/ISO 543-1990 (R1995), ANSI/NAPM IT9.6-1991 (R1996), Imaging Materials - Photographic Films - Specifications for Safety Film (withdrawal of ANSI/NAPM IT9.6-1991 (R1996)): 1/23/2001

ANSI/ISO 12206-1995, ANSI/NAPM IT9.15-1997, Imaging Materials - Method for the Evaluation of the Effectiveness of Chemical Conversion of Silver Images against Oxidation (withdrawal of ANSI/ISO 12206-1995, ANSI/NAPM IT9.15-1997): 1/23/2001

#### TELECOMMUNICATIONS

ANSI T1.215-1994, OAM&P - Fault Management Messages for Interfaces between Operations Systems and Network Elements (withdrawal of ANSI T1.215-1994): 1/30/2001

#### TURBINES, GAS

ANSI/ASME B133.2-1977 (R1997), Basic Gas Turbine (withdrawal of ANSI/ASME B133.2-1977 (R1997)): 1/23/2001  
ANSI/ASME B133.6-1978 (R1994), Procurement Standard for Gas Turbine Ratings and Performance (withdrawal of ANSI B133.6-1978 (R1994)): 1/23/2001

## ASTM Standards

#### CASTINGS

ANSI/ASTM B102-00, Specification for Lead and Tin Alloy Die Castings (revision of ANSI/ASTM B102-93): 12/10/2000

#### CONDUCTORS

ANSI/ASTM B913-01, Test Method for Evaluation of Crimped Electrical Connections to 16 Gauge and Smaller Diameter Stranded and Solid Conductors (new standard): 1/2/2001

#### ELECTRICAL AND ELECTRONICS TERMS

ANSI/ASTM B542-01, Terminology Relating to Electrical Contacts and Their Use (revision of ANSI/ASTM B542-99): 1/2/2001

#### ELECTRICITY

ANSI/ASTM B497-01, Guide for Measuring Voltage Drop on Closed Arcing Contacts (revision of ANSI/ASTM B497-95): 1/2/2001  
ANSI/ASTM B613-76 (R01), Guide for Preparing Specifications for Miniature Brushes of Composite Materials for Sliding Electric Contacts (reaffirmation of ANSI/ASTM B613-76 (R1995)): 1/2/2001

ANSI/ASTM B664-90 (R01), Specification for 80 Silver - 20 Graphite Sliding Contact Material (reaffirmation of ANSI/ASTM B664-90 (R1995)): 1/2/2001  
ANSI/ASTM B692-90 (R01), Specification for 75 Silver - 25 Graphite Sliding Contact Material (reaffirmation of ANSI/ASTM B692-90 (R1995)): 1/2/2001

#### FITTINGS, FLANGES, AND VALVES

ANSI/ASTM B462-01, Specification for Forged or Rolled UNS N08020, UNS N08024, UNS N08026, UNS N08367 and UNS R20033 Alloy Pipe Flanges, Forged Fittings, and Valves and Parts for Corrosive High-Temperature Service (revision of ANSI/ASTM B462-00): 1/2/2001

#### FORGING

ANSI/ASTM B564-01, Specification for Nickel Alloy Forgings (revision of ANSI/ASTM B564-00): 1/2/2001

#### MASONRY

ANSI/ASTM E1602-01, Guide for Construction of Solid Fuel Burning Masonry Heaters (revision of ANSI/ASTM E1602-94): 1/10/2001

#### METALS AND ALLOYS

ANSI/ASTM B6-01, Specification for Zinc (revision of ANSI/ASTM B6-98): 1/2/2001  
ANSI/ASTM B23-01, Specification for White Metal Bearing Alloys (Known Commercially As Babbitt Metal) (revision of ANSI/ASTM B23-94): 1/2/2001  
ANSI/ASTM B32-01, Specification for Solder Metal (revision of ANSI/ASTM B32-96): 1/2/2001  
ANSI/ASTM B166-01, Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06025, and N06045) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire (revision of ANSI/ASTM B166-99): 1/2/2001  
ANSI/ASTM B167-01, Specification for Nickel-Chromium-Iron Alloy (UNS N06600, N06601, and N06690) Seamless Pipe and Tube (revision of ANSI/ASTM B167-98): 1/2/2001  
ANSI/ASTM B168-01, Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06025, and N06045) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip (revision of ANSI/ASTM B168-98): 1/2/2001  
ANSI/ASTM B339-01, Specification for Pig Tin (revision of ANSI/ASTM B339-95): 1/2/2001  
ANSI/ASTM B418-95a (R01), Specification for Cast and Wrought Galvanic Zinc Anodes (reaffirmation of ANSI/ASTM B418-95a): 1/2/2001  
ANSI/ASTM B472-01, Specification for UNS N08020, UNS N08026, UNS N08024, UNS N08926, UNS N08367 and UNS R20033 Nickel Alloy Billets and Bars for Reforging (revision of ANSI/ASTM B472-96): 1/9/2001  
ANSI/ASTM B560-01, Specification for Modern Pewter Alloys (revision of ANSI/ASTM B560-94): 1/2/2001  
ANSI/ASTM B718-01, Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Plate, Sheet, and Strip (revision of ANSI/ASTM B718-95): 1/2/2001  
ANSI/ASTM B742-90 (R01), Specification for Fine Silver Electrical Contact Fabricated Material (reaffirmation of ANSI/ASTM B742-90 (R1995)): 1/2/2001  
ANSI/ASTM B755-01, Specification for Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110) Plate, Sheet, and Strip (revision of ANSI/ASTM B755-98a): 1/2/2001  
ANSI/ASTM B756-01, Specification for Nickel-Chromium-Molybdenum-Tungsten Alloy (UNS N06110) Rod and Bar (revision of ANSI/ASTM B756-98a): 1/2/2001  
ANSI/ASTM B757-01, Specification for Nickel-Chromium-Molybdenum-Tungsten-Alloys (revision of ANSI/ASTM B757-99): 1/2/2001  
ANSI/ASTM B774-01, Specification for Low Melting Point Alloys (revision of ANSI/ASTM B774-95): 1/2/2001

- ANSI/ASTM B852-01, Specification for Zinc Alloys (CGG) for Continuous Hot-Dip Galvanizing of Sheet Steel (revision of ANSI/ASTM B852-00): 1/2/2001
- ANSI/ASTM B860-01, Specification for Zinc Master Alloys for Use in Hot Dip Galvanizing (revision of ANSI/ASTM B860-95): 1/2/2001
- ANSI/ASTM B914-00, Practice for Color Codes on Zinc and Zinc Alloy Ingot for Use in Hot-Dip Galvanizing of Steel (new standard): 12/10/2000

#### **PIPE**

- ANSI/ASTM B723-01, Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Pipe (revision of ANSI/ASTM B723-95): 1/2/2001
- ANSI/ASTM B729-01, Specification for Seamless (UNS N08020, UNS N08026, and UNS N08024) Nickel-Alloy Pipe and Tube (revision of ANSI/ASTM B729-99): 1/2/2001
- ANSI/ASTM B759-01, Specification for Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110) Pipe and Tube (revision of ANSI/ASTM B759-86 (R1994)): 1/2/2001
- ANSI/ASTM B722-95 (R01), Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Seamless Pipe and Tube (reaffirmation of ANSI/ASTM B722-95): 1/2/2001

#### **PIPE AND FITTINGS, PLASTIC**

- ANSI/ASTM F699-01, Practice for Accelerated Conditioning of Polybutylene Pipe and Tubing for Subsequent Quality Control Testing (revision of ANSI/ASTM F699-90): 1/2/2001

- ANSI/ASTM F949-01, Specification for Poly(Vinyl Chloride) (PVC) Corrugated Sewer Pipe with a Smooth Interior and Fittings (revision of ANSI/ASTM F949-00): 1/2/2001
- ANSI/ASTM F1281-01, Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Pex-Al-Pex Pressure Pipe (revision of ANSI/ASTM F1281-00): 1/2/2001
- ANSI/ASTM F1282-01, Specification for Polyethylene/Aluminum/Polyethylene Pe-Al-Pe Composite Pressure Pipe (revision of ANSI/ASTM F1282-00): 1/2/2001
- ANSI/ASTM F1974, Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure Pipe (revision of ANSI/ASTM F1974-00): 1/2/2001

#### **SOLDERING**

- ANSI/ASTM B907-01, Specification for Zinc, Tin and Cadmium Base Solders (revision of ANSI/ASTM B907-00): 1/2/2001

#### **THERMOELECTRIC EQUIPMENT**

- ANSI/ASTM B388-01, Specification for Thermostat Metal Sheet and Strip (revision of ANSI/ASTM B388-96): 1/2/2001

#### **TUBES AND TUBING**

- ANSI/ASTM B758-01, Specification for Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110) Welded Tube (revision of ANSI/ASTM B758-99): 1/2/2001



# 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 Global Engineering Documents.

## 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

**Global Engineering Documents**  
 15 Inverness Way East  
 Englewood, CO 80112-5704  
 phone: (800) 854-7179  
 fax: (303) 379-7956  
 e-mail: [global@ihs.com](mailto:global@ihs.com)  
 web: <http://global.ihs.com>

## ACOUSTICS (TC 43)

ISO/DIS 3381, Railway applications - Acoustics - Measurement of noise inside railbound vehicles - 4/12/2001, \$92.00

## AIR QUALITY (TC 146)

ISO/DIS 11222, Air quality - Determination of the uncertainty of the time average of air quality measurements - 5/16/2001, \$98.00

## CORROSION OF METALS AND ALLOYS (TC 156)

ISO/DIS 16701, Corrosion of metals and alloys - Corrosion in artificial atmosphere - Accelerated corrosion test involving exposure under controlled conditions of humidity cycling and intermittent spraying of salt solution - 5/9/2001, \$80.00

## FIRE SAFETY (TC 92)

ISO/DIS 834-9, Fire-resistance tests - Elements of building construction - Part 9: Specific requirements for non-loadbearing ceiling elements - 5/9/2001, \$50.00

## GRAPHIC TECHNOLOGY (TC 130)

ISO/DIS 15929, Graphic technology - Prepress digital data exchange - Guidelines and principles for use of PDF - 5/9/2001, \$38.00

## IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 11318, Cardiac defibrillators - Connector assembly DF-1 for implantable defibrillators - Dimensions and test requirements - 5/9/2001, \$98.00

ISO/DIS 21534, Non-active surgical implants - Joint replacement implants - Particular requirements - 5/9/2001, \$88.00

ISO/DIS 21535, Non-active surgical implants - Joint replacement implants - Specific requirements for hip-joint replacement implants - 5/9/2001, \$84.00

ISO/DIS 21536, Non-active surgical implants - Joint replacement implants - Specific requirements for knee-joint replacement implants - 5/9/2001, \$72.00

## INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 15745-4, Industrial automation systems and integration - Open systems application integration frameworks - Part 4: Reference description for Ethernet-based control systems - 4/5/2001, \$98.00

## PAINTS AND VARNISHES (TC 35)

ISO/DIS 4628-7, Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 7: Assessment of degree of chalking by velvet method - 4/26/2001, \$50.00

## PHOTOGRAPHY (TC 42)

ISO/DIS 10349-1, Photography - Photographic-grade chemicals - Test methods - Part 1: General - 5/16/2001, \$46.00

ISO/DIS 10349-8, Photography - Photographic-grade chemicals - Test methods - Part 8: Determination of volatile matter - 5/16/2001, \$22.00

ISO/DIS 10349-13, Photography - Photographic-grade chemicals - Test methods - Part 13: Determination of pH - 5/16/2001, \$38.00

## PLASTICS (TC 61)

ISO/DIS 4898, Rigid cellular plastics - Thermal insulation products for buildings - Specifications - 5/9/2001, \$54.00

## ROAD VEHICLES (TC 22)

ISO/DIS 17288-1, Passenger cars - Free-steer behaviour - Part 1: Steering-release open-loop test method - 5/9/2001, \$38.00

## STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)

ISO/DIS 13408-2, Aseptic processing of health care products - Part 2: Filtration - 5/9/2001, \$50.00

## SURFACE CHEMICAL ANALYSIS (TC 201)

ISO/DIS 17973, Surface chemical analysis - Medium-resolution Auger electron spectrometers - Calibration of energy scales for elemental analysis - 5/16/2001, \$46.00

ISO/DIS 17974, Surface chemical analysis - High-resolution Auger electron spectrometers - Calibration of energy scales for elemental and chemical-state analysis - 5/16/2001, \$75.00

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

ISO/DIS 5008, Agricultural wheeled tractors and field machinery - Measurement of whole-body vibration of the operator - 5/9/2001, \$88.00

## WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 14172, Welding consumables - Covered electrodes for manual metal arc welding of nickel and nickel alloys - Classification - 4/26/2001, \$84.00



# Newly published ISO and IEC Standards

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

## ISO Standards

### AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 15389:2001, Space systems - Flight-to-ground umbilicals, \$42.00

### FINE CERAMICS (TC 206)

ISO 15733:2001, Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for tensile stress-strain behaviour of continuous, fibre-reinforced composites at room temperature, \$72.00

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

ISO 10303-507:2001, Industrial automation systems and integration - Product data representation and exchange - Part 507: Application interpreted construct: Geometrically bounded surface, \$92.00

### INDUSTRIAL TRUCKS (TC 110)

ISO 13562-2:2001, Industrial variable-reach trucks - Part 2: Additional stability tests for trucks handling freight containers of 6 m length and above, \$42.00

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

ISO 4190-2:2001, Lift (US: Elevator) installation - Part 2: Class IV lifts, \$58.00

### MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO 2631-4:2001, Mechanical vibration and shock - Evaluation of human exposure to whole-body vibration - Part 4: Guidelines for the evaluation of the effects of vibration and rotational motion on passenger and crew comfort in fixed-guideway transport systems, \$38.00

### NATURAL GAS (TC 193)

ISO 6974-2:2001, Natural gas - Determination of composition with defined uncertainty by gas chromatography - Part 2: Measuring-system characteristics and statistics for processing of data, \$68.00

### NUCLEAR ENERGY (TC 85)

ISO 8529-1:2001, Reference neutron radiations - Part 1: Characteristics and methods of production, \$68.00

### OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 8038-2:2001, Optics and optical instruments - Screw threads for microscope objectives and related nosepieces - Part 2: Screw thread type M25 X 0,75 mm, \$22.00  
 ISO 8040:2001, Optics and optical instruments - Microscopes - Dimensions of tube slide and tube slot connections, \$26.00  
 ISO 10936-2:2001, Optics and optical instruments - Operation microscopes - Part 2: Light hazard from operation microscopes used in ocular surgery, \$42.00

### PLASTICS (TC 61)

ISO 294-1/Amd1:2001, Amendment 1, \$10.00

### POWDER METALLURGY (TC 119)

ISO 3325/Amd1:2001, Amendment 1 - Precision statement, \$10.00

### ROAD VEHICLES (TC 22)

ISO 15500-3:2001, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 3: Check valve, \$26.00  
 ISO 15500-4:2001, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 4: Manual valve, \$26.00  
 ISO 15500-5:2001, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 5: Manual cylinder valve, \$26.00  
 ISO 15500-6:2001, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 6: Automatic valve, \$26.00  
 ISO 15500-8:2001, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 8: Pressure indicator, \$26.00  
 ISO 15500-9:2001, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 9: Pressure regulator, \$30.00  
 ISO 15500-10:2001, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 10: Gas-flow adjuster, \$26.00  
 ISO 15500-11:2001, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 11: Gas/air mixer, \$26.00  
 ISO 15500-12:2001, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 12: Pressure relief valve (PRV), \$26.00  
 ISO 15500-15:2001, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 15: Gas-tight housing and ventilation hose, \$26.00  
 ISO 15500-16:2001, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 16: Rigid fuel line, \$26.00  
 ISO 15500-17:2001, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 17: Flexible fuel line, \$30.00  
 ISO 15500-18:2001, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 18: Filter, \$26.00  
 ISO 15500-19:2001, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 19: Fittings, \$26.00

### RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 3384/Amd1:2001, Precision data, \$10.00

### SMALL CRAFT (TC 188)

ISO 13929:2001, Small craft - Steering gear - Geared link systems, \$38.00

### TECHNICAL DRAWINGS, PRODUCT DEFINITION AND RELATED DOCUMENTATION (TC 10)

ISO 128-34:2001, Technical drawings - General principles of presentation - Part 34: Views on mechanical engineering drawings, \$46.00

### TECHNICAL SYSTEMS AND AIDS FOR DISABLED OR HANDICAPPED PERSONS (TC 173)

ISO/TR 13570:2001, Guidelines for the application of the ISO 7176 series on wheelchairs, \$105.00

**TEXTILES (TC 38)**

ISO 11721-1:2001, Textiles - Determination of resistance of cellulose-containing textiles to micro-organisms - Soil burial test - Part 1: Assessment of rot-retardant finishing, \$35.00

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

ISO 6489-1:2001, Agricultural vehicles - Mechanical connections between towed and towing vehicles - Part 1: Dimensions of hitch-hooks, \$26.00

ISO 11520-2:2001, Agricultural grain driers - Determination of drying performance - Part 2: Additional procedures and crop-specific requirements, \$128.00

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

ISO/TS 15624:2001, Transport information and control systems - Traffic Impediment Warning Systems (TIWS) - System requirements, \$72.00

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

ISO 5178:2001, Destructive tests on welds in metallic materials - Longitudinal tensile test on weld metal in fusion welded joints, \$30.00

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

ISO/IEC 7811-2:2001, Identification cards - Recording technique - Part 2: Magnetic stripe - Low coercivity, \$62.00

ISO/IEC 7811-6:2001, Identification cards - Recording technique - Part 6: Magnetic stripe - High coercivity, \$62.00

ISO/IEC 9541-1/Amd1:2001, Typeface design grouping, \$80.00

ISO/IEC 11694-3:2001, Identification cards - Optical memory cards - Linear recording method - Part 3: Optical properties and characteristics, \$26.00

ISO/IEC 13751:2001, Information technology - Programming languages, their environments and system software interfaces - Programming language Extended APL, \$185.00

ISO/IEC 14443-3:2001, Identification cards - Contactless integrated circuit(s) cards - Proximity cards - Part 3: Initialization and anticollision, \$92.00

ISO/IEC 14443-4:2001, Identification cards - Contactless integrated circuit(s) cards - Proximity cards - Part 4: Transmission protocol, \$80.00

ISO/IEC 14762:2001, Information technology - Home Control Systems - Guidelines for functional safety, \$50.00

**IEC Standards****AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)**

IEC 60728-5 Ed. 1.0 b:2001, Cabled distribution systems for television and sound signals - Part 5: Headend equipment, \$116.00

IEC 60728-6 Ed. 1.0 en:2001, Cabled distribution systems for television and sound signals - Part 6: Optical equipment, \$60.00

**DEPENDABILITY (TC 56)**

IEC 60300-3-10 Ed. 1.0 b:2001, Dependability management - Part 3-10: Application guide - Maintainability, \$70.00

**ELECTRIC ROAD VEHICLES AND ELECTRIC INDUSTRIAL TRUCKS (TC 69)**

IEC 61851-1 Ed. 1.0 en:2001, Electric vehicle conductive charging system - Part 1: General requirements, \$49.00

**ELECTRICAL APPARATUS FOR EXPLOSIVE ATMOSPHERES (TC 31)**

IEC 62086-1 Ed. 1.0 b:2001, Electrical apparatus for explosive gas atmospheres - Electrical resistance trace heating - Part 1: General and testing requirements, \$60.00

**ELECTROACOUSTICS (TC 29)**

IEC 61669 Ed. 1.0 b:2001, Electroacoustics - Equipment for the measurement of real-ear acoustical characteristics of hearing aids, \$45.00

**ELECTROMAGNETIC COMPATIBILITY (TC 77)**

IEC 61000-3-3 Amd.1 Ed. 1.0 b:2001, Amendment 1, \$32.00

**ELECTROMECHANICAL COMPONENTS AND MECHANICAL STRUCTURES FOR ELECTRONIC EQUIPMENTS (TC 48)**

IEC 60297-5-100 Ed. 1.0 en:2001, Mechanical structures for electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series - Part 5-100: Subracks and associated plug-in units - Design overview, \$19.00

IEC 60297-5-101 Ed. 1.0 en:2001, Mechanical structures for electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series - Part 5-101: Subracks and associated plug-in units - Injector/extractor handle, \$19.00

IEC 60297-5-102 Ed. 1.0 en:2001, Mechanical structures for electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series - Part 5-102: Subracks and associated plug-in units - Electromagnetic shielding provision, \$19.00

IEC 60297-5-103 Ed. 1.0 en:2001, Mechanical structures for electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series - Part 5-103: Subracks and associated plug-in units - Electrostatic discharge protection, \$19.00

IEC 60297-5-104 Ed. 1.0 en:2001, Mechanical structures for electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series - Part 5-104: Subracks and associated plug-in units - Keying, \$24.00

IEC 60297-5-105 Ed. 1.0 en:2001, Mechanical structures for electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series - Part 5-105: Subracks and associated plug-in units - Alignment and/or earth pin, \$19.00

IEC 60297-5-107 Ed. 1.0 en:2001, Mechanical structures for electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series - Part 5-107: Subracks and associated plug-in units - Rear-mounted plug-in units, \$24.00

IEC 60512-1 Ed. 4.0 b:2001, Connectors for electronic equipment - Tests and measurements - Part 1: General, \$19.00

IEC 60512-1-100 Ed. 1.0 b:2001, Connectors for electronic equipment - Tests and measurements - Part 1-100: General - Applicable publications, \$24.00

IEC 60512-12-7 Ed. 1.0 b:2001, Connectors for electronic equipment - Tests and measurements - Part 12-7: Soldering tests - Test 12g: Solderability, wetting balance method, \$17.00

**FIBRE OPTICS (TC 86)**

IEC 61300-3-4 Ed. 2.0 b:2001, Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-4: Examinations and measurements - Attenuation, \$45.00

IEC 61754-6 Amd.1 Ed. 1.0 b:2001, Amendment 1, \$30.00

**FIRE HAZARD TESTING (TC 89)**

IEC 60695-8-1 Ed. 1.0 b:2001, Fire hazard testing - Part 8-1: Heat release - General guidance, \$32.00



**INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)**

IEC 60534-3-1 Ed. 1.0 b:2000, Industrial-process control valves - Part 3-1: Dimensions - Face-to-face dimensions for flanged, two-way, globe-type, straight pattern and centre-to-face dimensions for flanged, two-way, globe-type, angle pattern control valves, \$21.00

IEC 61518 Ed. 1.0 en:2001, Mating dimensions between differential pressure (type) measuring instruments and flanged-on shut-off devices up to 413 bar (41,3 MPa), \$21.00

**LASER EQUIPMENT (TC 76)**

IEC 60825-1 Amd.2 Ed. 1.0 en:2001, Amendment 2, \$70.00

**Other Categories**

IECEE 01 Ed. 5.0 b:2001, Basic Rules of the IEC System for Conformity Testing and Certification of Electrical Equipment (IECEE), \$45.00

IECEE 02 Ed. 6.0 b:2001, Rules of Procedure of the Scheme of the IEC for mutual Recognition of Test Certificates for Electrical equipment (CB Scheme), \$60.00

MISC CAT-CD-2001 Ed. 1.0 b:2001, World Standards for Electrical and Electronic Engineering Catalogue of IEC Publications 2001 - English Version, \$30.00

**POWER ELECTRONICS (TC 22)**

IEC 61204 Amd.1 Ed. 1.0 b:2001, Amendment 1 Low-voltage power supply devices, d.c. output - Performance characteristics, \$18.00

**POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)**

IEC 61334-5-3 TR2 Ed. 1.0 b:2001, Distribution automation using distribution line carrier systems - Part 5-3: Lower-layer profiles - Spread spectrum adaptive wideband (SS-AW) profile, \$55.00

**SECONDARY CELLS AND BATTERIES (TC 21)**

IEC 61951-1 Ed. 1.0 b:2001, Secondary cells and batteries containing alkaline or other non-acid electrolytes - Portable sealed rechargeable single cells - Part 1: Nickel-cadmium, \$70.00

IEC 61951-2 Ed. 1.0 b:2001, Secondary cells and batteries containing alkaline or other non-acid electrolytes - Portable sealed rechargeable single cells - Part 2: Nickel-metal hydride, \$49.00

**SEMICONDUCTOR DEVICES (TC 47)**

IEC 60748-2-12 Ed. 1.0 b:2001, Semiconductor devices - Integrated circuits - Part 2-12: Digital integrated circuits - Blank detail specification for programmable logic devices (PLDs), \$62.00

**TERMINOLOGY (TC 1)**

IEC 60050-195 Amd.1 Ed. 1.0 b:2001, Amendment 1, \$30.00

# CEN/CENELEC Standards Activity



# CENELEC

*Competitive Excellence Through  
Standardization Technology*

This section provides information on standards activity within CEN – the European Committee for Standardization – and CENELEC – the European Committee for Electrotechnical Standardization. CEN and CENELEC are composed of European member bodies whose countries cooperate within the European Economic Community (Common Market) and the European Free Trade Association (EFTA). Their primary purpose is to develop standards needed to harmonize European interests and prevent technical barriers. Both CEN and CENELEC are committed to adopting standards developed by ISO and IEC wherever possible.

ANSI is publishing this information to give U.S. interests an opportunity to obtain information, and to comment on proposed European Standards and/or Harmonization Documents being circulated for enquiry. Anyone interested in obtaining this information, and/or commenting on proposals should order copies from ANSI.

Comments regarding CEN are to be sent to Henrietta Scully at ANSI's New York offices. Comments regarding CENELEC are to be sent to Charles T. Zegers, also at ANSI's New York offices.

## Ordering Instructions

ENs are currently available via ANSI's ESS (Electronic Standards Store), accessed at [www.ansi.org](http://www.ansi.org).

prENs can be made available via ANSI's ESS "on-demand" via e-mail request. Send your request for a prEN to be made available via the ESS to Customer Service at [sales@ansi.org](mailto:sales@ansi.org) and the document will be posted to the ESS within 3 working days. Please be ready to provide the date of the Standards Action issue in which the prEN document you are requesting appears.

## CEN

### European drafts sent for CEN enquiry

The following European drafts have been sent to CEN members for enquiry and comment. If the draft is a proposed adoption of an International Standard, it is so noted. The final date for offering comments is listed after each proposal.

#### COTTON

prEN 14079, Performance requirements and test methods for absorbent cotton gauze and absorbent cotton and viscose gauze - April 30, 2001, \$54.00

#### FOODSTUFFS

prEN 14082, Foodstuffs - Determination of trace elements - Determination of lead, cadmium, zinc, copper, iron and chromium by atomic absorption spectrometry (AAS) after dry ashing - April 30, 2001, \$48.00

prEN 14083, Foodstuffs - Determination of trace elements - Determination of lead, cadmium, chromium and molybdenum by graphite furnace atomic absorption spectrometry (GFAAS) after oressyre dugestuub - April 30, 2001, \$54.00

#### METALLIC COATINGS

prEN 10318, Determination of thickness and chemical composition of zinc- and aluminium-based metallic coatings - Routine method - March 30, 2001, \$88.00

#### SMALL CRAFT

prEN ISO 12215-2, Small craft - Hull construction and scantlings - Part 2: Materials: Core materials for sandwich construction, embedded materials (ISO/DIS 12215-2:2000) - March 30, 2001, \$28.00

### European drafts sent for formal vote (for information)

The following European drafts have been sent to CEN members for formal vote. If the draft is a proposed adoption of an International Standard, it is so noted.

## AEROSPACE

prEN 2066, Aerospace series - Extruded section in aluminium alloys - General tolerances

prEN 2622, Aerospace series - Circular tubes, for fluids in heat resisting alloys - Diameter 3,2 mm < D < 100 mm - Dimensions

prEN 3882, Aerospace series - Heat resisting alloy NI-WH1801 (NiCr<sub>20</sub>Co<sub>18</sub>Ti<sub>3</sub>A<sub>12</sub>)

prEN 3883, Aerospace series - Heat resisting alloy NI-WH2301 (NiCr<sub>22</sub>Fe<sub>19</sub>Mo<sub>9</sub>Co<sub>2</sub>) - Filler metal for welding

prEN 3884, Aerospace series - Heat resisting alloy NI-WH2601 (NiCr<sub>19</sub>Nb<sub>5</sub>Mo<sub>3</sub>Ti) - Filler metal for welding

prEN 3885, Aerospace series - Heat resisting alloy NI-WH3601 (NiCr<sub>22</sub>Mo<sub>9</sub>Nb<sub>4</sub>) - Filler metal for welding

prEN 3961, Aerospace series - Gold base alloy AU-B40001 - Filler metal for brazing - Rolled foil

prEN 3962, Aerospace series - Gold base alloy AU-B40001 - Filler metal for brazing - Wire

prEN 3964, Aerospace series - Copper CU-BU9001 - Filler metal for brazing - Wire

prEN 4045, Aerospace series - Capillary tubes, seamless in heat resisting alloys - Diameter 0,6 mm < D < 2 mm - Dimensions

prEN 4267, Aerospace series - Round bars in titanium and titanium alloys - Diameter 6 mm < D > 160 mm Dimensions

## APPLIANCES

prEN 12815, Residential Cookers fired by solid fuel - Requirements and test methods

prEN 13229, Inset appliances including open fires fired by solid fuels - Requirements and test methods

## HEATING

prEN 12809, Residential independent boilers fired by solid fuel - Nominal heat output up to 50 kW - Requirement and test methods

prEN 13240, Room heaters fired by solid fuel - Requirements and test methods

## MACHINE TOOLS

prEN 12717, Safety of machine tools - Drilling machines

prEN 13128, Safety of machine tools - Milling machines (including boring machines)

**METALLIC COATINGS**

prEN ISO 6158, Metallic coatings - Electrodeposited coatings of chromium for engineering purposes (ISO/DIS 6158:2000)

**NON-DESTRUCTIVE TESTING**

prEN 12668-2, Non-destructive testing - Characterization and verification of ultrasonic examination equipment - Part 2: Probes

**POWER STATION EQUIPMENT**

prEN 45510-2-1, Guide for procurement of power station equipment Part 2-1: Power transformers

prEN 45510-2-5, Guide for procurement of power station equipment Part 2-5: Electrical equipment - Motors

prEN 45510-2-7, Guide for procurement of power station equipment Part 2-7: Electrical equipment - Switchgear and controlgear

prEN 45510-2-8, Guide for procurement of power station equipment - Electrical equipment Part 2-8: Power cables

**SHUTTERS AND BLINDS**

prEN 13125, Shutters and blinds - Additional thermal resistance - Allocation of a class of air permeability to a product

**SMALL CRAFT**

prEN ISO 15584, Small craft - Inboard petrol engines - Engine-mounted fuel and electrical components (ISO/FDIS 15584:2000)

**STEEL**

prEN 10263-1, Steel rod, bars and wire for cold heading and cold extrusion - Part 1: General technical delivery conditions

prEN 10263-2, Steel rod, bars and wire for cold heading and cold extrusion - Part 2A: Technical delivery conditions for steels not intended for heat treatment after cold working

prEN 10263-3, Steel rod, bars and wire for cold heading and cold extrusion - Part 3: Technical delivery conditions for case hardening steels

prEN 10263-4, Steel rod, bars and wire for cold heading and cold extrusion - Part 4: Technical delivery conditions for steels for quenching and tempering

prEN 10263-5, Steel rod, bars and steel wire for cold heading and cold extrusion - Part 5: Technical delivery conditions for stainless steels

**TEXTILES**

prEN ISO 9902-1, Textile machinery - Noise test code - Part 1: Common requirements (ISO/FDIS 9902-1:2000)

prEN ISO 9902-2, Textile machinery - Noise test code - Part 2: Spinning preparatory and spinning machinery (ISO/FDIS 9902-2:2000)

prEN ISO 9902-3, Textile machinery - Noise test code - Part 3: Nonwoven machinery (ISO/FDIS 9902-3:2000)

prEN ISO 9902-4, Textile machinery - Noise test code - Part 4: Yarn processing, cordage and rope manufacturing machinery (ISO/FDIS 9902-4:2000)

prEN ISO 9902-5, Textile machinery - Noise test code - Part 5: Weaving and knitting preparatory machinery (ISO/FDIS 9902-5:2000)

prEN ISO 9902-6, Textile machinery - Noise test code - Part 6: Fabric manufacturing machinery (ISO/FDIS 9902-6:2000)

prEN ISO 9902-7, Textile machinery - Noise test code - Part 7: Dyeing and finishing machinery (ISO/FDIS 9902-7:2000)

**THERMAL INSULATION**

prEN 13162, Thermal insulation products for buildings - Factory made mineral wool (MW) products - Specification

prEN 13163, Thermal insulation products for buildings - Factory made products of expanded polystyrene (EPS) - Specification

prEN 13164, Thermal insulation products for buildings - Factory made products of extruded polystyrene foam (XPS) - Specification

prEN 13165, Thermal insulation products for buildings - Factory made products of rigid polyurethane foam (PUR) products - Specification

prEN 13166, Thermal insulation products for buildings - Factory made products of phenolic foam (PF) - Specification

prEN 13167, Thermal insulation products for buildings - Factory made cellular glass (CG) products - Specification

prEN 13168, Thermal insulation products for buildings - Factory made wood wool (WW) products - Specification

prEN 13169, Thermal insulation products for buildings - Factory made products of expanded perlite (EPB) - Specification

prEN 13170, Thermal insulation products for buildings - Factory made expanded cork (ICB) products - Specification

prEN 13171, Thermal insulation products for buildings - Factory made wood fibre (WF) products - Specification

prEN 13172, Thermal insulating products - Evaluation of conformity

# Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4977.

The following is a list of alphanumeric organization names that have been submitted to ANSI for registration. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

---

## PUBLIC REVIEW

### CISA

Organization: Criminal Information Sharing Alliance, Inc.  
2377 Gold Meadow Way, Suite 260  
Gold River, CA 95670  
Contact: Darlene Burner  
PHONE: 916-526-8324 - FAX: 916-526-8314  
Email: darlene@swbs-cisa.com  
Public Review: January 31, 2000 to May 1, 2001

### CONTINENTAL AIRLINES

Public review: February 28, 2001 to May 29, 2001

### FIRST AMERICAN CORPORATION

Organization: First American Corporation  
8435 North Stemmons Freeway  
Dallas, TX 75247  
Contact: John Thuener  
PHONE: 214-879-5642 - FAX: 214-589-9518  
Email: jthuener@firstam.com  
Public review: December 6, 2000 to March 6, 2001

### INDnet

Organization: Indiana Telecommunications Network  
714 North Senate Avenue  
Indianapolis, IN 46202  
Contact: Leila Bein  
PHONE: 317-263-8924 - FAX: 317-263-8831  
Email: lbein@inets.org  
Public review: February 28, 2001 to May 29, 2001

### NETIFICE COMMUNICATIONS

Public review: December 6, 2000 to March 6, 2001

### PATHNET

Public review: February 14, 2001 to May 15, 2001

### RHYTHMS

Organization: Rhythms NetConnections, Inc.  
7337 South Revere Parkway  
Suite 100  
Englewood, CO 80112  
Contact: Art Brunton  
Email: abrunton@rhythms.net  
Public review: December 6, 2000 to March 6, 2001

### TELERGY

Public review: February 14, 2001 to May 15, 2001

NOTE: Challenged alphanumeric names are underlined. The Procedures for Registration provide for a challenge process, which follows in brief. For complete details, see Section 6.4 of the Procedures.

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge. A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

# 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.

A one-page notification is prepared for each proposed regulation and contains the name of the notifying country, the type of product covered, a brief description of the regulation, and the final date for comments. Each notification is assigned a number (G/TBT/Notif.) by the WTO Secretariat for identification purposes. A 60-day comment period has been recommended by the Committee on Technical Barriers to Trade to allow sufficient time for review and comment.

In the United States, the National Center for Standards and Certification Information (NCSCI), National Institute of Standards and Technology, serves as the U.S. WTO TBT inquiry point and receives copies of all the notifications, in English, to disseminate to interested parties. Notifications may be accessed via the NCSCI web site at <http://ts.nist.gov/ncsci> (click on World Trade Organization's Agreement on Technical Barriers to Trade, then click on Trade Compliance Center). *To obtain copies of the full text of the regulations, contact NCSCI, NIST, 100 Bureau Drive, Stop 2150, Gaithersburg, MD 20899-2150; telephone (301) 975-4040; fax (301) 926-1559; e-mail - [ncsci@nist.gov](mailto:ncsci@nist.gov).*

NCSCI maintains a current database of all notifications and prepares specialized reports, including listings by country, subject and G/TBT/Notif. number. To obtain additional information on the TBT Agreement, request an extension of the comment period, or express concerns that any regulation may unjustifiably impede exports, readers should contact NCSCI at the address above.

# Information Concerning

## American National Standards

### Withdrawal of ASTM Standards as American National Standards

ASTM has withdrawn its approval of the standards listed below. Thus, in accordance with the *ANSI Procedures for the Development and Coordination of American National Standards*, these standards are withdrawn as American National Standards effective immediately. Questions or comments concerning this action should be addressed to ASTM.

- ANSI/ASTM B344-92, Specification for Drawn or Rolled Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating Elements
- ANSI/ASTM D1755-92, Poly(Vinyl Chloride) Resins, Specification for (08.02)
- ANSI/ASTM D3596-92, Practice for Determination of Gels (Fisheye) in General-Purpose Poly(Vinyl Chloride) (PVC) Resins (08.03)
- ANSI/ASTM D5209-92, Test Method for Determining the Aerobic Biodegradation of Plastic Materials in the Presence of Municipal Sewer Sludge (08.03)
- ANSI/ASTM D5247-92, Aerobic Biodegradability of Degradable Plastics by Specific Microorganisms (08.03)
- ANSI/ASTM F1014-92, Specification for Flashlights on Vessels
- ANSI/ASTM F1321-92, Guide for Conducting a Stability Test (Lightweight Survey and Inclining Experiment) to Determine the Light Ship Displacement and Centers of Gravity of a Vessel
- ANSI/ASTM F1370-92, Specification for Pressure-Reducing Valves for Water Systems, Shipboard
- ANSI/ASTM F1385-92, Practice for Platforms in Cargo Tanks
- ANSI/ASTM F1437-92, Practice for Inclined Cargo Tank Ladders
- ANSI/ASTM F1455-92, Guide for Selection of Structural Details for Ship Construction

## Accredited Standards Committees

### Termination of Accreditation

#### ASC A115, Installation Standards for Builders' Hardware for Architectural Doors and Frames

The Door and Hardware Institute (DHI), on behalf of Accredited Standards Committee A115, Installation Standards for Builders' Hardware for Architectural Doors and Frames, has requested the withdrawal of ASC A115's accredited status and the transition of all ASC A115 American National Standards to maintenance under DHI's current canvass accreditation, effective January 1, 2001.

For additional information, please contact: Mr. John Geniesse, AHC, Technical Manager, Door and Hardware Institute, 14150 Newbrook Drive, Chantilly, VA 20151; PHONE: (703) 222-2010; FAX: (703) 222-2410; E-mail: [jgeniesse@dhi.org](mailto:jgeniesse@dhi.org).

## Accredited Organizations

### Applications for Reaccreditation

#### American Petroleum Institute

##### Comment Deadline: March 26, 2001

The American Petroleum Institute (API) has submitted revisions to the operating procedures under which it was originally accredited. As the revisions have been deemed substantive, the reaccreditation process is initiated.

To obtain a copy of the revised API operating procedures and/or to offer comment, please contact: Mr. David Soffrin, Senior Standards Associate, American Petroleum Institute, 1220 L Street NW, Washington, DC 20005-4070; PHONE: (202) 682-8157; FAX: (202) 962-4797; E-mail: [soffrind@api.org](mailto:soffrind@api.org). All comments should be submitted to API by March 26, 2001 with a copy to the Recording Secretary, ExSC at ANSI's New York Office (FAX: (212) 730-1346; E-mail: [jthompso@ansi.org](mailto:jthompso@ansi.org)). As these procedures have been provided electronically, the public review period is 30 days. You may view/download a copy of API's revised operating procedures *during the public review period* on ANSI Online at the following URL: [http://web.ansi.org/public/library/sd\\_revise/default.htm](http://web.ansi.org/public/library/sd_revise/default.htm).

## American Welding Society

### Comment Deadline: March 26, 2001

The American Welding Society (AWS) has submitted revisions to the procedures under which it was originally accredited. As the procedures have been deemed substantive, the reaccreditation process is initiated. The full text of the revisions is printed below (additions are presented in bold text):

#### Exhibit 12.1

##### Technical Activities Committee

4.8.2.1.2 The voting options for Subcommittees are:

- (1) Affirmative (unqualified),
- (2) Affirmative (qualified), or
- (3) Negative.

Affirmative (unqualified) votes are without comment of any substantial nature. Comments relating to grammar, punctuation, typographical errors, and misspelled words may be made, but other than this, the voter accepts the document as it is. Appropriate corrections shall be made to the document, as a result of these comments, but the committee is not required to inform the voter of the action it has taken in regard to those comments.

Affirmative (qualified) votes shall be accompanied by a statement of the specific reasons (comments) for the qualification aspect of the vote and a recommended change in the standard that will correct each of the problems cited. These recommendations shall be addressed by the committee, as required in 4.8.4. The voter accepts the standard, in this case, even though there is some disagreement with a portion of it.

Negative votes shall be accompanied by a statement of the specific reasons (comments) for the negative aspect of the vote and a recommended change in the standard that will correct each of the problems cited. These recommendations shall be addressed by the committee as required in 4.8.4. The voter, in this case, cannot accept the standard because of major faults, which are enumerated in the comments.

4.8.2.1.3 The voting options for Technical Committees are:

**Affirmative (unqualified) votes are without comment of any substantial nature. Comments relating to grammar, punctuation, typographical errors, and misspelled words may be made, but other than this, the voter accepts the document as it is. Appropriate corrections shall be made to the document, as a result of these comments, but the committee is not required to inform the voter of the action it has taken in regard to those comments.**

**Affirmative (qualified) votes shall be accompanied by a statement of the specific reasons (comments) for the qualification aspect of the vote and a recommended change in the standard that will correct each of the problems cited. These recommendations shall be addressed**

by the committee, as required in 4.8.4. The voter accepts the standard, in this case, even though there is some disagreement with a portion of it.

**Negative votes** shall be accompanied by a statement of the specific reasons (comments) for the negative aspect of the vote and a recommended change in the standard that will correct each of the problems cited. These recommendations shall be addressed by the committee as required in 4.8.4. The voter, in this case, cannot accept the standard because of major faults, which are enumerated in the comments.

- (1) Affirmative (unqualified),
- (2) Affirmative (qualified), or
- (3) Negative.
- (4) Abstain

**Abstain Votes** may be cast by Committee members when the member does not feel competent to judge the merit or the technical accuracy of the particular material in the standard.

To request further information or to offer comments, please contact: Mr. Len Connor, Technical Services, American Welding Society, 550 N.W. LeJeune Road, Miami, FL 33126; PHONE: (800) 443-9353; FAX: (305) 443-5951; E-mail: lconnor@aws.org. Comments should be submitted directly to AWS by March 26, 2001, with a copy to the Recording Secretary, Executive Standards Council, at ANSI New York Office (FAX: (212) 730-1346; E-mail: jthompso@ANSI.org).

## Institute of Electrical & Electronics Engineers

### Comment Deadline: March 26, 2001

The Institute of Electrical & Electronics Engineers (IEEE) has submitted revisions to the bylaws and operating procedures under which it was originally accredited. As these revisions have been deemed substantive, the reaccreditation process is initiated.

To obtain a copy of the revised IEEE procedures or to offer comments, please contact: Ms. Rona Gertz, Manager, Board Administration, IEEE, Standards Activities, 445 Hoes Lane, Piscataway, NJ 08855-1331; PHONE: (732) 562-3808; FAX: (732) 562-1571; E-mail: r.gertz@ieee.org. Please forward your comments to IEEE by March 26, 2001, with a copy to the ExSC Recording Secretary at ANSI's New York Office (FAX: (212) 730-1346; E-mail: jthompso@ansi.org). As these procedures have been provided electronically, the public review period is 30 days. You may view or download a copy of the revised IEEE procedures *during the public review period* at the following URL: [http://web.ansi.org/public/library/sd\\_revise/default.htm](http://web.ansi.org/public/library/sd_revise/default.htm).

## NSF International

### Comment Deadline: March 26, 2001

NSF International has submitted revisions to the operating procedures under which it was originally accredited. As the revisions have been deemed substantive, the reaccreditation process is initiated.

To obtain a copy of the revised NSF operating procedures and/or to offer comment, please contact: Mr. James Kendzel, Vice-President, Standards, NSF International, 789 Dixboro Road, Ann Arbor, MI 48105; PHONE: (734) 827-6820; FAX: (734) 827-6831; E-mail: kendzel@nsf.org. All comments should be submitted to NSF by March 26, 2001 with a copy to the Recording Secretary, ExSC at ANSI's New York Office (FAX: (212) 730-1346; E-mail: jthompso@ansi.org). As these procedures have been provided electronically, the public review period is 30 days. You may view/download a copy of NSF's revised operating procedures *during the public review period* on ANSI Online at the following URL: [http://web.ansi.org/public/library/sd\\_revise/default.htm](http://web.ansi.org/public/library/sd_revise/default.htm).

## Approval of Reaccreditation

### ISA - The Instrumentation, Systems, and Automation Society

The Executive Standards Council (ExSC) has approved the reaccreditation of ISA - The Instrumentation, Systems, and Automation Society, using revised operating procedures under the Organization Method, effective January 31, 2001.

For additional information, please contact: Ms. Lois Ferson, Manager of Standards Services, ISA, 67 Alexander Drive, Research Triangle Park, NC 27709; PHONE: (919) 990-9227; FAX: (919) 549-8288; E-mail: lferson@isa.org.

## Accredited Sponsors Using the Canvass Method

### Initiation of Canvasses

The following organizations have announced their intent to conduct canvasses on the proposed American National Standards listed in order to develop evidence of consensus for submittal to ANSI. Directly and materially affected interests wishing to participate in this canvass should contact the sponsor within 30 days of the publication of this issue.

Please also review the Continuous Maintenance announcement in *Standards Action* and on ANSI Online ([http://web.ansi.org/public/ans\\_main/default.htm](http://web.ansi.org/public/ans_main/default.htm)) to identify other standards activities relative to canvass standards that are maintained under the Continuous Maintenance option.

CSA America, Inc.  
8501 East Pleasant Valley Road  
Cleveland, OH 44131-5575  
216-524-4990, Ext: 8213  
216-642-3463

Contact: Julie Cairnes  
julie.cairns@csa-international.org

BSR/IAS LC-1, Fuel Gas Piping System Using Corrugated Stainless Steel Tubing (CSST) (same as CSA 6.26) (revision of ANSI/IAS LC-1-1997)

National Electrical Manufacturers Association  
1300 North 17<sup>th</sup> Street, Suite 1847  
Rosslyn, VA 22209  
703-841-3268, Ext: 3267  
703-842-3367

Contact: Khaled Masri  
khaled.masri@nema.org

BSR/NEMA GR 1, Ground Rods and Ground Rod Couplings (revision of ANSI/NEMA GR 1-1997)

## International Organization for Standardization (ISO)

### Assignment of Technical Committee Secretariat

### ISO/TC 85/SC 6 - Nuclear energy - Reactor technology

### Comment Deadline: March 26, 2001

ASTM has offered to undertake the international secretariat of ISO subcommittee 6 of ISO/TC 85 for which ANSI staff had been serving as secretary.

The scope of ISO/TC 85 is as follows:

Standardization in the field of nuclear energy and its peaceful applications.

Anyone submitting comments, please direct them by March 26, 2001 to Henrietta Scully via e-mail: hscully@ansi.org; mail: c/o ANSI, 11 West 42<sup>nd</sup> Street, New York, NY 10036; or Fax (212) 730-1346.

## Project Initiation Notification System (PINS)

ANSI procedures require notification of ANSI by accredited standards developers of the initiation and scope of activities expected to result in new or revised American National Standards. This information is a key element in planning and coordinating American National Standards.

Following is a list of proposed new American National Standards or revisions to existing American National Standards that have been received from standards developers using the PINS Form. Directly and materially affected interests wishing to receive more information should contact the standards developer directly.

### Alliance for Telecommunications Industry Solutions

**Office:** 1200 G Street NW, Suite 500  
Washington, DC 20005  
**Fax:** (202) 347-7125

**Contact:** Susan Carioti  
**E-mail:** scarioti@atis.org

BSR T1.262a, Telecommunications - CORBA IDL Model for Interfaces Across Jurisdictional Boundaries to Support Service Test (supplement to ANSI T1.262-1998)

BSR T1.413a (T1E1-28), Telecommunications - Network and Customer Installation Interfaces - Asymmetric Digital Subscriber Line (ADSL) Metallic Interface (supplement to ANSI T1.413-1998)

### American Welding Society

**Office:** 550 N.W. LeJeune Road  
Miami, FL 33126  
**Fax:** (305) 443-5951

**Contact:** Leonard Connor  
**E-mail:** lconnor@aws.org

BSR/AWS A5.11-97/A5.11M-97, Specification for Nickel and Nickel Alloy Welding Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.11-97/A5.11M-97)

BSR/AWS A5.14/A5.14M-97, Specification for Nickel and Nickel-Alloy Bare Welding Electrodes and Rods (revision of ANSI/AWS A5.14/A5.14M-97)

BSR/AWS A5.16-90 (R1997), Specification for Titanium and Titanium Alloy Welding Electrodes and Rods (revision of ANSI/AWS A5.16-90 (R1997))

BSR/AWS A5.20-95, Carbon Steel Electrodes for Flux Cored Arc Welding, Specification for (revision of ANSI/AWS A5.20-95)

BSR/AWS A5.29-98, Specification for Low-Alloy Steel Electrodes for Flux Cored Arc Welding (revision of ANSI/AWS A5.29-98)

### CSA International

**Office:** 8501 East Pleasant Valley Road  
Cleveland, OH 44131-5575  
**Fax:** (216) 642-3463

**Contact:** Allen J. Callahan  
**E-mail:** al.callahan@csa-international.org

BSR Z21.47b, Gas-Fired Central Furnaces (same as CSA 2.3b) (supplement to ANSI Z21.47-1998)

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

**Office:** 445 Hoes Lane, P.O.Box 1331  
Piscataway, NJ 08855-1331  
**Fax:** (732) 562-1571

**Contact:** Patricia Gerdon  
**E-mail:** p.gerdon@ieee.org

BSR C136.23, Enclosed Architectural Luminaires for Roadway Lighting (revision of ANSI C136.23-1995)

### International Approval Services, U.S. Inc.

**Office:** 8501 East Pleasant Valley Road  
Cleveland, OH 44131-5575  
**Fax:** (216) 642-3463

**Contact:** Julie Cairnes  
**E-mail:** julie.cairnes@csa-international.org

BSR/IAS LC-1, Fuel Gas Piping System Using Corrugated Stainless Steel Tubing (CSST) (same as CSA 6.26) (revision of ANSI/IAS LC-1-1997)

### International Code Council

**Office:** 5203 Leesburg Pike Suite 708  
Falls Church, VA 22041-3401  
**Fax:** (703) 379-1546

**Contact:** Richard Kuchnicki  
**E-mail:** kuchnicki@intlcode.org

BSR A117.1, Accessible and Usable Buildings and Facilities (revision of ANSI/CABO A117.1-1998)

### National Electrical Manufacturers Association

**Office:** 1300 North 17th Street  
Suite 1847  
Rosslyn, VA 22209  
**Fax:** (703) 841-3367

**Contact:** Khaled Masri  
**E-mail:** khaled.masri@nema.org

BSR/NEMA GR 1, Ground Rods and Ground Rod Couplings (revision of ANSI/NEMA GR 1-1997)

**Contact:** Randolph N. Roy  
**E-mail:** ran\_roy@nema.org

BSR C78.42-2001, Electric Lamps - High-Pressure Sodium Lamps (revision of ANSI C78.42-1995)

### National Fire Protection Association

**Office:** One Batterymarch Park  
Quincy, MA 02269-9101  
**Fax:** (617) 770-3500

**Contact:** Arthur E. Cote  
**E-mail:** acotet@nfpa.org

BSR/NFPA 1584, Recommended Practice for a Fire Department Rehabilitation Program (new standard)

BSR/NFPA 610, Recommended Practice for Safety of Motor Sports Venues (new standard)

### NCITS Secretariat/ITI

**Office:** 1250 Eye Street, NW  
Suite 200  
Washington, DC 20005-3922  
**Fax:** (202) 638-4922

**Contact:** Barbara Bennett  
**E-mail:** bbennett@itic.org

BSR NCITS PN-1484-D, BIOS Enhanced Disk Drive Services 2 (EDD-2) (new standard)

**Contact:** Deborah J. Donovan  
**E-mail:** ddonovan@itic.org

BSR NCITS 256 (PN 841-R), Information technology - Electronic Article Surveillance (revision of BSR NCITS 256-2001)



**Portable Power Equipment Manufacturers Association**

**Office:** 4340 East West Highway, Suite 912  
Bethesda, MD 20814  
**Fax:** (301) 654-6138

**Contact:** Karen Hutchison  
**E-mail:** ppema1@msn.com

BSR B175.3, Grass Trimmers and Brushcutters (revision of ANSI B175.3-1997)

**Robotic Industries Association**

**Office:** P. O. Box 3724  
900 Victor's Way, Suite 140  
Ann Arbor, MI 48108-5210  
**Fax:** (734) 994-3338

**Contact:** Jeff Fryman  
**E-mail:** jfryman@robotics.org

BSR/RIA T15.1, Safety Requirements for Introduction of New Technology, Intelligent Assist Devices (new standard)

**Telecommunications Industry Association**

**Office:** 2500 Wilson Boulevard  
Suite 300  
Arlington, VA 22201-3834  
**Fax:** (703) 907-7727

**Contact:** Billie Zidek-Conner  
**E-mail:** bzidekco@tia.eia.org

BSR/TIA PN-30005, Technical Criteria for Terminal Equipment to Prevent Harm to the Telephone Network (new standard)

**American National Standards Maintained Under Continuous Maintenance**

The *ANSI Procedures for the Development and Coordination of American National Standards* (ANSI Procedures) provide two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.4.1) and continuous maintenance (see clause 4.4.2). 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 4.4.1 and 4.4.3.

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
- ASC B109 (AGA)
- ASHRAE
- ASME
- ASTM
- NACE
- 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 STANDARDS INFO, and choose "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at [http://web.ansi.org/public/ans\\_main/default.htm](http://web.ansi.org/public/ans_main/default.htm).

Alternatively, you may contact the Procedures & Standards Administration Department (PSA) at [psa@ansi.org](mailto:psa@ansi.org) or via fax at 212-730-1346. 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.



american national standards institute  
11 west 42nd street, new york, ny 10036

BULK RATE  
U.S. POSTAGE  
PAID  
Permit No.1  
Darby, PA