

# ANSI STANDARDS ACTION

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## 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.

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Comments should be addressed to the organization indicated, with a copy to the Board of Standards Review, American National Standards Institute, 25 West 43rd Street, New York, NY 10036. Fax: 212-730-1346; e-mail: [psa@ansi.org](mailto:psa@ansi.org)

## Comment Deadline: August 13, 2001

### FIRE PROTECTION

- BSR/UL 1626, Standard for Safety for Residential Sprinklers for Fire-Protection Service (revision of ANSI/UL 1626-2001)

Covers residential sprinklers intended for installation on sprinkler systems for fire-protection service. Requirements for the installation and use of residential sprinklers are included in the Standard for the *Installation of Sprinkler Systems*, NFPA 13, and *Installation of Sprinkler Systems in One- and Two-Family Dwellings and Mobile Homes*, NFPA 13D, and *Residential Occupancies up to and Including Four Stories in Height Sprinkler Systems*, NFPA 13R. The revisions to the text are listed here in their entirety.

PROPOSAL (from bulletin dated May 7, 1999)

5.1 An automatic sprinkler shall be constructed to effect closure of its water seat for extended periods of time without leakage and to open as intended and release all parts at a pressure of 5 psi (0.034 MPa) up to the rated pressure. The closure of the water seat shall not be achieved by the use of a dynamic O-ring or similar seal (an O-ring or similar seal that moves during operation or is in contact with a component that moves during operation).

PROPOSAL (NEW SECTION) (from bulletin dated March 26, 2001)

30A Dezincification Test of Brass Parts

30A.1 General

■ Safety standard

★ Standard for consumer products

30A.1.1 Sprinkler parts that are made of a copper alloy containing more than 15 percent zinc and normally exposed to system water shall not exhibit the following after exposure to a copper chloride solution for 144 hours:

- a) An average dezincification depth exceeding 100  $\mu\text{m}$  (0.0039 inch); and
- b) An individual reading of dezincification depth exceeding 200  $\mu\text{m}$  (0.0079 inch).

30A.2 Reagent

30A.2.1 A test solution is to be prepared by dissolving 12.7 g (0.028 pound) of copper (II) chloride dihydrate ( $\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$ ) in distilled water and then making up the volume to 1000 ml (0.26 gallon). Fresh solution is to be used for each test.

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### 30A.3 Test Pieces

30A.3.1 Three test pieces are to be taken from the sprinkler part. These pieces are to be cut in such a way, for example by sawing and grinding with light pressure, that the properties of the materials are unaffected. The area of each of the test pieces to be exposed shall be approximately 100 mm<sup>2</sup> (0.155 square inch).

30A.3.2 Each test piece is to be embedded in a thermoset resin having minimal shrinkage characteristics and the test surface ground using wet abrasive paper, finishing with 500 grade or finer. The test surfaces are to be cleaned with ethanol prior to testing.

### 30A.4 Method

30A.4.1 Each test piece is to be placed in the middle of the beaker containing the copper (II) chloride solution so that the test surface is vertical and at least 15 mm (0.59 inch) above the bottom of a glass beaker covered with suitable plastic foil, for example polyethylene, secured with elastic thread or another method of sealing using non-metallic compound. A total of 250 ml (+50 ml, -10 ml) [0.066 gallon (+0.013 gallon, -0.0026 gallon)] of the copper (II) chloride solution is required per 100 mm<sup>2</sup> (0.155 square inch) of exposed surface of the test piece.

30A.4.2 The beaker containing the test piece is to be placed in the thermostatically controlled oven or oil bath with the temperature maintained at 75 ± 2°C (167 ± 3°F). The test piece is to be exposed continuously for 144 hours. At the end of this period, they are to be removed from the beaker, washed in water, rinsed in the ethanol, and allowed to dry.

30A.4.3 Microscopic examination of the test piece is to be conducted as soon as possible after the exposure. If the test pieces are stored before microscopic examination, they are to be kept in a desiccator. Each test piece is to be sectioned at right angles to the exposed test surface, and the remaining thermoset resin attached to the section is to be removed. The cross-sectioned piece is then to be re-embedded in a thermoset resin having minimal shrinkage, and the area to be viewed is to be ground and polished for microscopic examination. The total length of section through the exposed surface is not to be less than 0.2 inch (5 mm). If the dimensions of the test piece make this impossible, the section is to be taken to provide the maximum possible total length.

30A.4.4 The dezincification depth is to be made at five evenly spaced locations and the average calculated. The dezincification depth is to be measured from the post exposed test surface and shall not include the sample edge. The maximum dezincification is to be recorded. Magnification is to be used to provide the greatest accuracy of measurement.

Send comments (with copy to BSR) to: Carol Chudy, UL-NC; Carol.A.Chudy@us.ul.com

## FOOD EQUIPMENT

- BSR/NSF 3-A 14159-1 (i3r1), Hygiene Requirements for the Design of Meat and Poultry Processing Equipment (revision of ANSI/NSF 3-A 14159-1-2000)

Issue 3 - Revise section 5.2.1 - materials of construction section to allow the use of specific copper-nickel alloys and selenium in product contact zones. Revisions to the text are listed here in their entirety.

#### 5.2.1.1.1 Unacceptable materials

The following materials shall not be used in product contact surface areas or non product contact surface areas:

- Materials containing antimony, arsenic, cadmium, lead, or mercury, selenium
- Materials such as carcinogens, mutagens and teratogens classified as hazardous substances
- Asbestos
- Wood
- Enamelware
- Porcelain

- Leather
- Uncoated/untreated aluminum
- Uncoated/untreated aluminum alloys
- Copper alloys not containing a minimum of 15% nickel and a maximum of 70% copper

#### 5.2.1.3 Metals

##### 5.2.1.3.1 Product contact surfaces shall be:

- of stainless steel of a type appropriate for the application; or
- other metals (including solder) suitable for the conditions of intended use.

Product contact surfaces shall be:

- AISI 300 series stainless steel; or
- when necessary, stainless steel which has been hardened by heat treatment or precipitation hardening, including Martensitic stainless steel; or
- other alloys (including copper alloys containing a minimum of 15% nickel and a maximum of 70% copper, and including, but not limited to those listed in Annex A) which can be shown to be as corrosion resistant as austenitic stainless steel for the conditions of intended use, and are non absorbent and non toxic; or
- carbon steel when used for cutting surfaces; or
- black iron pipe when used for the processing, storage, and transportation of fully rendered vegetable and animal fats.

Copper, bronze, brass, and zinc galvanizing Zinc galvanic coatings shall not be used for product contact surfaces.

These materials Bronze, brass, and zinc galvanic coatings may be used in supply air and supply water lines or for gears and bushings used in non product surfaces. Brass is acceptable for potable water systems.

Send comments (with copy to BSR) to: Donna Backus, NSF

## WOOD PRODUCTS

BSR O5.3, Wood Products Solid Sawn Wood Crossarms and Braces Specifications and Dimensions (revision of ANSI O5.3-1995)

Consists of specifications covering solid sawn-wood crossarms and braces manufactured from coastal Douglas-fir (*Pseudotsuga menziesii* - variety *menziesii*) grown in the West Coast region, i.e., from the summit area of the Cascade Mountains of Washington and Oregon and from California; and from dense Southern pine of the following species: longleaf pine (*Pinus palustris*), shortleaf pine (*Pinus echinata*), loblolly pine (*Pinus taeda*), and slash pine (*Pinus elliottii*). The specifications are intended to cover communications crossarms, power crossarms, heavy-duty crossarms, and heavy-duty braces. Crossarms are intended primarily for use as beams. Heavy-duty crossarms may also be used as struts or columns in braced H-frames. Braces are used for tension, compression-bracing, or both. Revisions to the text are listed here in their entirety.

14.1 All solid sawn crossarms or braces shall be manufactured from lumber that has been kiln-dried or air-seasoned to a moisture content not to exceed 22%.

17.2.2 As explained in clause 20, several methods of seasoning before treatment are available, and may be specified:

#### 20 Seasoning

All solid sawn crossarms shall be manufactured from lumber that has been kiln-dried to a moisture content not to exceed 22%. Either air-seasoning, kiln-drying, or any other acceptable process that will reduce the moisture content of the crossarm before treatment is permitted. However, steam conditioning for purposes of reducing moisture content shall not be permitted because this process causes excessive warping and checking after the arms have been in service.

Send comments (with copy to BSR) to: Steve Barclay, ATIS (ASC T1); sbarclay@atis.org

## Comment Deadline: August 27, 2001

### HEATING AND AIR CONDITIONING

BSR/ASHRAE 114-1986, Energy Management Control Systems Instrumentation (withdrawal of ANSI/ASHRAE 114-1986)

Provides guides for specifying measurement and instrumentation requirements for Energy Management Control Systems (EMCS) and methods for verification of accuracy in a standardized manner. This standard of recommended practices for selection and verification of end-to-end accuracy in EMCS relates to the control, energy management and management information functions of the heating, ventilating and air-conditioning processes in buildings in the following ways: (a) describes normal types of measurements made in typical building HVAC systems, (b) defines boundary conditions at which the end-to-end EMCS accuracy shall be selected and verified, (c) outlines recommended methods of calculating systems end-to-end accuracy from given component ratings and accuracies for a variety of EMCS types, (d) provides general methods for both laboratory and field verification of system end-to-end accuracy, (e) describes how the measured information is normally used for the purpose of controlling the HVAC processes and reporting through the EMCS to the building operators and managers, and (f) provides recommended end-to-end accuracies as a function of the controlled and monitored HVAC processes and describes use of the information. Excluded from the scope of this standard are the considerations of sensor locations that determine the difference between HVAC end-to-end accuracy and EMC system end-to-end accuracy. Note: This standard is being replaced with ASHRAE Guideline 13 - Specifying Direct Digital Control Systems.

Single copy price: N/A

Obtain an electronic copy from: [www.ashrae.org](http://www.ashrae.org)  
Order from: Beverly Fulks, ASHRAE; [bfulks@ashrae.org](mailto:bfulks@ashrae.org)  
Send comments (with copy to BSR) to: ASHRAE, Inc. Attn: Manager of Standards, e-mail: [public.review.comments@ashrae.org](mailto:public.review.comments@ashrae.org)

### MATERIALS HANDLING

BSR MH10.8.2, Data Application Identifier Standard (revision of ANSI MH10.8.2-1995)

Provides a comprehensive dictionary of MH10/SC 8 Data Identifiers and EAN.UCC Application Identifiers. MH10.8.2 provides for the assignment of new Data Identifiers, as required, and provides a document detailing the correlation, or mapping, of Data Identifiers to Application Identifiers, where a correlation exists. MH10.8.2 is a reference standard to ISO/IEC 15418 (EAN.UCC Application Identifiers and FACT Data Identifiers).

Single copy price: \$25.00 (free at website)

Obtain an electronic copy from: [www.mhia.org/mh10/sc8/Documents/Nov00\\_Draft\\_MH10-8-2.pdf](http://www.mhia.org/mh10/sc8/Documents/Nov00_Draft_MH10-8-2.pdf)

Order from: Michael Ogle, MHI; [mhstd@mhia.org](mailto:mhstd@mhia.org)  
Send comments (with copy to BSR) to: Same

BSR MH10.8.3, Transfer Data Syntax for High Capacity ADC Media (revision and redesignation of ANSI MH10.8.3M-1996)

Specifies a transfer structure, syntax, and coding of messages and data formats when using high capacity ADC media between trading partners. The data encoded pursuant to this standard includes: that which may be used in the shipping, receiving, and inventory of transport units; that which may be contained within supporting documentation, in paper or electronic form, related to unit loads or transport packages; that which may be used in the sortation and tracking of transport units. This standard does not supersede or replace any applicable safety or regulatory marking or labeling requirements. The standard is to be applied in addition to any other mandated labeling requirements. This standard addresses the syntax contained within ANSI MH10.8.3M. Symbology recommendations and requirements for the 2D symbols contained in ANSI MH10.8.3M are now con-

tained in another proposed standard MH10.8.1M. This standard was listed for public review in the 4/9/1999 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

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### PRINTED CIRCUITS

BSR/IPC 6018A, Microwave End Product Board Inspection and Test (new standard)

Covers end product inspection and test of high frequency (microwave) printed boards for microstrip, stripline, hybrid and multilayer stripline applications. This specification covers end product inspection and test of high frequency (microwave) printed boards for microstrip, stripline, hybrid and multilayer stripline applications.

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Send comments (with copy to BSR) to: Jatara Barrett, IPC; [JataraBarret@ipc.org](mailto:JataraBarret@ipc.org)

### TELECOMMUNICATIONS

BSR T1.273, Telecommunications - Information Interchange - Requirements for the Identification of Interconnection Location Entities for the North American Telecommunications System (new standard)

Provides the necessary requirements for the identification of Interconnection Location Entities represented within ANSI T1.253-1999, *Telecommunications - Information Interchange - Code Description and Codes for the Identification of Location Entities for the North American Telecommunications System*. This standard contains sections that cover its purpose and scope, describe format structures, and data elements for Interconnection Location Entities as well as various definitions and references. This standard was listed for public review in the 2/9/2001 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: \$43.00, Electronic downloads are free

Obtain an electronic copy from: <ftp://ftp.t1.org/pub/ansi/bsr8/lb872-d2.pdf>

Order from: Susan Carioti, ATIS (ASC T1); [scarioti@atis.org](mailto:scarioti@atis.org)  
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BSR T1.411 (T1C1-03), Telecommunications Network-to-Customer Installation Interfaces - Analog Voicegrade Enhanced 911 Switched Access Using Network-Provided Reverse-Battery Signaling (revision, redesignation and consolidation of ANSI T1.411-1995)

Presents requirements for the interconnection of Customer Installations (CIs), such as Private Branch Exchanges, to Enhanced 911 systems. The analog interface allows the CI to transmit the caller's emergency service identification information to an Enhanced 911 system in applications where multiple terminals share Enhanced 911 switched access. These requirements are intended to assist carriers, end-users, and manufacturers. This revision replaces ANSI T1.411-1995 and ANSI T1.411a-1996 in their entirety.

Single copy price: \$68.00 Electronic downloads are free

Obtain an electronic copy from: <ftp://ftp.t1.org/pub/ansi/bsr8/lb975.pdf>

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



**WOOD PRODUCTS**

BSR O5.2-1996, Wood Products Structural Glued Laminated Timber for Utility Structures (reaffirmation of ANSI O5.2-1996)

Covers requirements for manufacturing and quality control of structural glued laminated timber of Southern Pine, Coast Region Douglas Fir, Hem Fir and other species of similar treatability for electric power and communication structures. The requirements are based on those in *American National Standard for Structural Glued Laminated Timber*, ANSI/AITC A190.1. This standard is supplemental to ANSI/AITC A190.1 and provides descriptions of the special manufacturing and design requirements for glued laminated utility structures.

Single copy price: \$30.00

Obtain an electronic copy from: [www.atis.org/atis/docstore/doc\\_display.asp?ID=464](http://www.atis.org/atis/docstore/doc_display.asp?ID=464)

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**Comment Deadline: September 11, 2001****ABRASIVES**

BSR B74.3, Specifications for Shapes and Sizes of Diamond or CBN Abrasive Products (revision of ANSI B74.3-1993)

Details a system to describe the shape of complete diamond or CBN (cubic boron nitride) wheels either unitary or built of composite parts and includes mounted wheels, hand hones and plated products. It lists, in accordance with the identification system, size of diamond grinding wheels. Individual segments are not included. For the purposes of this standard, the term diamond is used to mean both diamond and CBN.

Single copy price: UAMA members \$5.16, non-members \$28.00

Order from: UAMA (ASC B74), Attn: Sharyn Berki, c/o Wherry Associates

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

**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 the National Electrical Code. 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. These requirements do not cover special types of household cooking appliances. However, if such appliances are used as a part of a range, oven, surface assembly, or combination thereof, they will be judged on the basis of compliance with the requirements in this standard, insofar as they apply, and further appropriate examination and tests in accordance with the applicable requirements for electric heating appliances. These requirements do not cover all tests required on household cooking appliances having microwave ovens. For the purpose of these requirements, cooking equipment includes ranges, ovens, surface assemblies, or combinations thereof. A range is considered to be a combination of a surface assembly with one or more ovens. Wall-mounted cooking equipment is considered to be those appliances intended for mounting in or on a wall or other vertical surface of a building or cabinet. Counter-mounted cooking equipment is considered to be those appliances intended for mounting in or on a counter or other horizontal surface of a building or cabinet. A requirement that applies only to one, two, or three of the classes of equipment coming within its scope - ventilating hoods, ranges, wall-mounted ovens, counter-mounted cooking units, or combinations thereof - is so identified. In the absence of such specific reference, or if the term appliance is employed, it is to be understood that the requirement applies to all of these classes of equipment. This standard was listed for public review in the 2/23/2001 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: \$30.00

Order from: Mitchell Gold, UL-IL; [Mitchell.Gold@us.ul.com](mailto:Mitchell.Gold@us.ul.com)  
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**APPLIANCES, GAS-BURNING**

- ★ BSR Z21.72a, Portable Type Gas Camp Stoves (same as CSA 11.2a) (supplement to ANSI Z21.72-2000)

Details test and examination criteria for portable type gas camp stoves, having ratings of 12,000 Btu per hour or less per burner for use with propane, butane and liquefied petroleum gases and mixtures thereof, and intended for outdoor use only. This standard applies to stoves directly connected to the fuel container where the fuel supply for a stove is limited to one cylinder of not more than 75 cubic inches.

Single copy price: \$35.00

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

Send comments (with copy to BSR) to: Same

- ★ BSR Z21.73a, Portable Type Gas Camp Lights (same as CSA 11.1a) (supplement to ANSI Z21.73-2000)

Details test and examination criteria for portable type gas camp lights for use with propane, butane and liquefied petroleum gases and mixtures thereof, and intended for outdoor use only. This standard applies to lights directly connected to the fuel container where the fuel supply for a lantern is limited to one cylinder of not more than 75 cubic inches.

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**BUILDINGS**

BSR/AF&PA WFCM, Wood Frame Construction Manual for One and Two-Family Dwellings (new standard)

A comprehensive design and construction manual providing engineered and prescriptive design requirements for wood frame one and two-family dwellings resisting dead, live, snow, wind and seismic loads. The WFCM includes design and construction provisions for connections, wall systems, floor systems, and roof systems. A range of structural elements are covered, including sawn lumber, structural glued laminated timber, wood structural sheathing, I-joists, and trusses.

Single copy price: \$25.00

Order from: Scott Lockyear, AFPA; [Scott\\_Lockyear@afandpa.org](mailto:Scott_Lockyear@afandpa.org)

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**CONTAINERS**

BSR/CSA NGV2a-200x, Basic Requirements for Compressed Natural Gas Vehicle (NGV) Fuel Containers (supplement to ANSI/CSA NGV2-2000)

Contains requirements for the material, design, manufacture and testing of serially produced, refillable Type NGV2 containers intended only for the storage of compressed natural gas for vehicle operation. These containers are to be permanently attached to the vehicle. Type NGV2 containers shall not be over 1,000 liters (35.4 cu ft) water capacity.

Single copy price: \$35.00

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

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**FASTENERS**

BSR/ASME B18.2.3.3M-1979 (R1995), Screws, Metric Heavy Hex (reaffirmation of ANSI/ASME B18.2.3.3M-1979 (R1995))

Covers the complete and general data for metric heavy hex screws.

Single copy price: \$29.00

Order from: Silvana Rodriguez-Bhatti, ASME; [rodriguez@asme.org](mailto:rodriguez@asme.org)

Send comments (with copy to BSR) to: Ryan Crane, ASME; [craner@asme.org](mailto:craner@asme.org)

BSR/ASME B18.2.3.5M-1979 (R1995), Bolts, Metric Hex (reaffirmation of ANSI/ASME B18.2.3.5M-1979 (R1995))

Covers the complete general and dimensional data for metric hex bolts.

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BSR/ASME B18.2.3.6M-1979 (R1995), Bolts, Metric Heavy Hex (reaffirmation of ANSI/ASME B18.2.3.6M-1979 (R1995))

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BSR/ASME B18.2.3.7M-1979 (R1995), Bolts, Metric Heavy Hex Structural (reaffirmation of ANSI/ASME B18.2.3.7M-1979 (R1995))

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BSR/ASME B18.2.4.3M-1979 (R1995), Hex Nuts, Slotted, Metric (reaffirmation of ANSI/ASME B18.2.4.3M-1979 (R1995))

Covers the complete general and dimensional data for metric slotted hex nuts.

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Send comments (with copy to BSR) to: Ryan Crane, ASME;  
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## FIRE DAMPERS

- BSR/UL 555, Standard for Safety for Fire Dampers (new standard)

Covers fire dampers that are intended for use where air ducts penetrate or terminate at openings in walls or partitions; in air transfer openings in partitions; and where air ducts extend through floors as specified in the *Standard for Installation of Air Conditioning and Ventilating Systems*, NFPA 90A. Fire dampers are intended for installation in accordance with codes such as the BOCA National Mechanical Code, Standard Mechanical Code, Uniform Mechanical Code, and the International Mechanical Code. Fire dampers are evaluated for use as either: (a) Fire Dampers for Static Systems - For HVAC systems that are automatically shut down in the event of a fire or for air transfer openings in walls or partitions, (b) Fire Dampers for Dynamic Systems - For HVAC systems that are operational in the event of a fire, or (c) Combination Fire and Smoke Dampers - For locations in HVAC systems where a fire damper and a smoke damper are required at a single location. Under these requirements a fire damper is subjected to a standard fire exposure, controlled to achieve specified temperatures throughout a specified time period, followed by the application of a specified standard hose stream. This exposure by itself is not representative of all fire conditions; conditions vary with changes in the amount, nature, and distribution of fire loading, ventilation, compartment size and configuration, and heat sink characteristics of the compartment. These requirements provide a relative measure of fire performance of fire damper assemblies under these specified fire exposure conditions. Any variation from the construction or conditions that are tested such as method of installation and materials has the potential to substantially change the performance characteristics of the fire damper assembly. Fire dampers for static systems (no air flow through the damper) are intended to close automatically upon the detection of heat by a heat responsive element. Under these requirements combination fire and smoke dampers and fire dampers for dynamic systems are exposed to standardized heat and airflow conditions and are evaluated for dynamic closure under these conditions. Combination fire and smoke dampers shall also comply with the applicable requirements in the *Standard for Smoke Dampers*, UL 555S. Fire dampers for dynamic systems are intended for use where the airflow is operational at the time of fire, such as in a smoke control system, or from other situations in which the fan system is operational at the time of a fire. Where fire dampers are required in ducts that penetrate fire barriers and where the duct is also used as part of a smoke control system, the system designer shall ascertain which type of fire damper is appropriate for the application. Fire dampers for dynamic systems are evalu-

ated only for dynamic closure under heated airflow conditions. Combination fire and smoke dampers that have an elevated temperature rating are evaluated for dynamic closure under heated airflow conditions and they are also evaluated to operate under heated air conditions. Tests conducted in accordance with these requirements are intended to demonstrate the performance of fire dampers during the period of fire test exposure and are not intended to determine acceptability of fire dampers for use after exposure to fire. It is the intent that tests conducted in accordance with the test methods described herein develop data to enable regulatory authorities to determine the acceptability of fire damper assemblies for use in locations where fire resistance of a specified duration is required. Fire dampers are intended to close automatically upon the detection of heat by the use of a fusible link or other heat responsive device. These requirements do not cover: (a) Performance of the fire damper assembly in walls, partitions, or floors constructed of materials other than those tested. (b) The performance of the fire damper assembly when installed using methods other than those fire tested. (c) Measurement of heat transmission through a fire damper assembly. (d) Measurement of the degree of control or limitation of the passage of smoke or products of combustion through the fire damper assembly. This standard was listed for public review in the 3/24/2000 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text. Single copy price: \$30.00

Order from: Mitchell Gold, UL-IL; Mitchell.Gold@us.ul.com  
Send comments (with copy to BSR) to: Same

- BSR/UL 555S, Standard for Safety for Smoke Dampers (new standard)

Covers smoke dampers intended for use in heating, ventilating, and air conditioning (HVAC) systems. Smoke dampers are intended (a) to restrict the spread of smoke in HVAC systems that are designed to be automatically shut down in the event of a fire, or (b) to assist with the control of pressure differentials across smoke barriers when the HVAC system is part of an engineered smoke control system, and to restrict the spread of smoke when the smoke control fans are shut down. Dampers covered by these requirements are evaluated for use as either (a) Smoke Dampers - For use in HVAC systems where the ducts pass through smoke barriers. (b) Combination Fire and Smoke Dampers - For locations in HVAC systems where a fire damper and a smoke damper are required at a single location. Smoke dampers are used for the protection of openings in smoke barriers or in engineered smoke control systems in accordance with the *Standard for Installation of Air Conditioning and Ventilating Systems*, NFPA 90A. These damper assemblies are intended for installation in accordance with codes such as the BOCA National Mechanical Code, the Standard Mechanical Code, the Uniform Mechanical Code, and the International Mechanical Code. Under these requirements smoke dampers are subjected to an air leakage test. The air leakage test is conducted at elevated temperature conditions when the dampers have an elevated temperature rating. Smoke dampers and combination fire and smoke dampers are subjected to an airflow operation test at the rated temperature of the damper. Smoke dampers and combination fire and smoke dampers are marked with a temperature rating ranging from ambient and upward starting at 25°F and rising in increments of 10°F. The system designer is to analyze the expected temperatures in the smoke control system and determine whether operability of the dampers is required at these temperatures. Combination fire and smoke dampers shall also comply with the applicable requirements in the *Standard for Fire Dampers*, UL 555. This standard was listed for public review in the 5/19/2000 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: \$30.00

Order from: Mitchell Gold, UL-IL; Mitchell.Gold@us.ul.com  
Send comments (with copy to BSR) to: Same

## FIRE PROTECTION

- BSR/UL 1821, Standard for Safety for Thermoplastic Sprinkler Pipe and Fittings for Fire Protection Service (new standard)

Covers thermoplastic pipe and fittings for use in sprinkler systems for fire protection service. Thermoplastic piping and fittings covered by these requirements are intended for use in sprinkler systems in the following types of occupancies: a) Light hazard occupancies as defined in the *Standard for Installation of Sprin-*

*kler Systems, NFPA 13. b) Residential occupancies as defined in the Standard for Installation of Sprinkler Systems in One and Two Family Dwellings, NFPA 13D. c) Residential occupancies as defined in the Standard for Installation of Sprinkler Systems in Residential Occupancies Up to Four Stories in Height, NFPA 13R.*

Single copy price: \$30.00

Order from: Carol Chudy, UL-NC; Carol.A.Chudy@us.ul.com

Send comments (with copy to BSR) to: Same

## HEATERS

- ★ BSR Z21.63a, Portable Camp Heaters of Other than the Catalytic Type for Use with Liquefied Petroleum Gases (same as CSA 11.3a) (supplement to ANSI Z21.63-1999)

Details test and examination criteria for unvented portable camp heaters, of the infrared type only, up to and including a maximum input of 12,000 Btuh (3.52 kW) using propane, butane and liquefied petroleum gases and mixtures thereof and intended for outdoor use. This standard applies to camp heaters having regulated or non-regulated pressure and intended for direct or remote connection to the fuel container.

Single copy price: \$35.00

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

Send comments (with copy to BSR) to: Same

## LIVESTOCK

BSR/NPPC 0001, Good Environmental Livestock Production Practices (GELPP): Concentrated Livestock Operations - General Site Conditions (new standard)

Includes GELPPs related to general site conditions at animal feeding operations (AFO). The standard was developed to address environmental challenges facing the livestock industry. This standard includes requirements that are based on best management practices developed by industry, governmental, and university experts. Operations that adhere to this standard will reduce the risk of adverse environmental and odor incidents resulting from their activities. The standard applies to all types of concentrated livestock operations including, but not limited to hogs, beef cattle, dairy, meat birds, and egg layers. This standard is applicable to any livestock operation that plans to: 1) reduce its risks related to environmental and odor incidents; 2) demonstrate good environmental stewardship; and 3) improve its relationship with neighbors and governmental officials.

Single copy price: Free

Order from: Earl Dotson, NPPC; dotsone@nppc.org

Send comments (with copy to BSR) to: Same

BSR/NPPC 0002, Good Environmental Livestock Production Practices (GELPP): Concentrated Livestock Operations - Production Areas (new standard)

Includes GELPPs related to livestock production areas at animal feeding operations (AFO). The standard was developed to address specific environmental challenges within livestock production areas of the livestock industry. This standard includes requirements that are based on best management practices developed by industry, government, and university experts. Operations that adhere to this standard will reduce the risk of adverse environmental and odor incidents resulting from their activities. The standard applies to all types of concentrated livestock operations including but not limited to hogs, beef cattle, dairy, meat birds, and egg layers. This standard is applicable to any livestock operation that plans to: 1) reduce its risks related to environmental and odor incidents; 2) demonstrate good environmental stewardship; and 3) improve its relationship with neighbors and governmental officials.

Single copy price: Free

Order from: Earl Dotson, NPPC; dotsone@nppc.org

Send comments (with copy to BSR) to: Same

BSR/NPPC 0003, Good Environmental Livestock Production Practices (GELPP): Concentrated Livestock Operations - Outdoor Manure and Storm Water Storage (new standard)

Includes GELPPs for outdoor manure storage at animal feeding operations (AFO). The standard was developed to address environmental outdoor manure storage and treatment issues facing the livestock industry. This standard includes requirements that

are based on best management practices developed by industry, governmental, and university experts. Operations that adhere to this standard will reduce the risk of adverse environmental and odor incidents resulting from their activities. The standard applies to all types of concentrated livestock operations including, but not limited to hogs, beef cattle, dairy, meat birds, and egg layers. This standard is applicable to any livestock operation that plans to: 1) reduce its risks related to environmental and odor incidents; 2) demonstrate good environmental stewardship; and 3) improve its relationship with neighbors and governmental officials.

Single copy price: Free

Order from: Earl Dotson, NPPC; dotsone@nppc.org

Send comments (with copy to BSR) to: Same

BSR/NPPC 0004, Good Environmental Livestock Production Practices (GELPP): Concentrated Livestock Operations - Manure Utilization (new standard)

Includes GELPPs for manure utilization practices at animal feeding operations (AFO). The standard was developed to address environmental challenges related to land application of manure, composting, and other manure handling practices facing the livestock industry. This standard includes requirements that are based on best management practices developed by industry, governmental, and university experts. Operations that adhere to this standard will reduce the risk of adverse environmental and odor incidents resulting from their activities. The standard applies to all types of concentrated livestock operations including but not limited to hogs, beef cattle, dairy, meat birds, and egg layers. This standard is applicable to any livestock operation that plans to: 1) reduce its risks related to environmental and odor incidents; 2) demonstrate good environmental stewardship; and 3) improve its relationship with neighbors and governmental officials.

Single copy price: Free

Order from: Earl Dotson, NPPC; dotsone@nppc.org

Send comments (with copy to BSR) to: Same

BSR/NPPC 0005, Good Environmental Livestock Production Practices (GELPP): Concentrated Livestock Operations - Mortality Management (new standard)

Includes GELPPs related to mortality management at animal feeding operations (AFO). The standard was developed to address environmental challenges facing the livestock industry. This standard includes requirements that are based on best management practices developed by industry, governmental, and university experts. Operations that adhere to this standard will reduce the risk of adverse environmental and odor incidents resulting from their activities. The standard applies to all types of concentrated livestock operations including but not limited to hogs, beef cattle, dairy, meat birds, and egg layers. This standard is applicable to any livestock operation that plans to: 1) reduce its risks related to environmental and odor incidents; 2) demonstrate good environmental stewardship; and 3) improve its relationship with neighbors and governmental officials.

Single copy price: Free

Order from: Earl Dotson, NPPC; dotsone@nppc.org

Send comments (with copy to BSR) to: Same

## LOUVERS

BSR/AMCA 500-L-99, Laboratory Methods for Testing Louvers for Rating (new standard)

Established uniform test methods for louvers, including air leakage, pressure drop, water penetration, wind driven rain water penetration and operational torque.

Single copy price: \$5.00

Order from: Tim Orris, AMCA; torris@amca.org

Send comments (with copy to BSR) to: Same

## MEDICAL MATERIEL

- BSR/AAMI/ISO 10993-12, Biological Evaluation of Medical Devices Part 12: Sample Preparation and Reference Materials (revision and redesignation of ANSI/AAMI/ISO/CEN 10993-12-1996)

Specifies requirements and gives guidance on procedures to be followed in the preparation of samples of medical devices for testing in biological systems in accordance with the other parts of ISO 10993. Single copy price: \$25.00 (\$20.00 for AAMI members)

Order from: AAMI, Attn: Customer Service

Send comments (with copy to BSR) to: Hillary Woehrle, AAMI; hillary\_woehrle@AAMI.org



- BSR/AAMI/ISO 13485, Quality Systems - Medical Devices - Particular Requirements for the Application of ISO 9001 (revision of ANSI/AAMI/ISO 13485-1996)

Specifies requirements and gives guidance on the procedures to be followed in the preparation of samples and the selection of reference materials for medical devices testing in biological systems. Single copy price: \$25.00 (\$20.00 for AAMI members)

Order from: AAMI, Attn: Customer Service  
Send comments (with copy to BSR) to: Hillary Woehrle, AAMI; hillary\_woehrle@AAMI.org

- BSR/AAMI/ISO 14155-1, Clinical Investigation Of Medical Devices for Human Subjects - Part 1: General Requirements (revision of ANSI/AAMI/ISO 14155-1996)

Defines procedures for the conduct and performance of clinical investigations of medical devices. Defines procedures for the conduct and performance of clinical investigations of medical devices. 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.

Single copy price: \$25.00 (20.00 for AAMI members)

Order from: AAMI, Attn: Customer Service  
Send comments (with copy to BSR) to: Hillary Woehrle, AAMI; hillary\_woehrle@AAMI.org

## NUCLEAR POWER PLANTS

BSR/ASME RA-S-20X, Probabilistic Risk Assessment for Nuclear Power Plant Applications (new standard)

Sets forth requirements for probabilistic risk assessments (PRAs) used to support risk-informed decisions for commercial nuclear power plants, and prescribes a method for applying these requirements for specific applications.

Single copy price: \$30.00

Order from: Silvana Rodriguez-Bhatti, ASME; rodriguez@asme.org  
Send comments (with copy to BSR) to: Gerald Eisenberg, ASME; eisenbergg@asme.org

## OFFSHORE DRILLING

BSR/API Spec 16D, Control Systems for Drilling Well Control Equipment (revision of ANSI/API Spec 16D-1993)

Provides for safe and functionally interchangeable surface and sub-sea choke and kill systems equipment utilized for drilling oil and gas wells. Technical content of this document provides the minimum requirements for performance, design, materials, welding, testing, inspection, storing, and shipping of choke and kill system equipment. Single copy price: \$77.00

Order from: Global Engineering Documents, (800) 854-7179; www.global.ihs.com  
Send comments (with copy to BSR) to: Andy Radford, API (Organization); radforda@api.org

## OPHTHALMICS

- \* BSR Z80.3, Ophthalmics - Nonprescription Sunglasses and Fashion Eyewear - Requirements (revision of ANSI Z80.3-1997)

Applies to all nonprescription sunglasses and fashion eyewear, normally used for casual, dress, and recreational purposes, having lenses of substantially plano power. This standard specifically excludes products covered by ANSI Z87.1-1999, ANSI Z80.1-1999, ASTM F803-1999 and high impact resistance eyewear designed exclusively for designated sports use. Sunglass needs for aphakics may not be met by this standard. Single copy price: \$10.00

Order from: Kris Dinkle, OLA (ASC Z80); Olalabs@aol.com  
Send comments (with copy to BSR) to: Same

## PHOTOGRAPHY - PROCESSING

BSR/PIMA IT4.23-2001, Photography (Processing) Roll and Dental Films Film Clips and Hangers Bite Dimensions (revision and redesignation of ANSI/NAPM IT4.23-1996)

Specifies requirements for film clips and hangers used to hold photographic films and dental radiographic films during processing. Single copy price: \$10.00

Order from: John Gignac, PIMA; natlstds@pima.net  
Send comments (with copy to BSR) to: Same

## POOLS AND SPAS

- BSR/NSPI 1, Public Pools (revision of ANSI/NSPI 1-1991)

Covers public swimming pools, to be used for bathing and operated by an owner, licensee, or concessionaire, regardless of whether a fee is charged for use. Public swimming pools covered by this standard include conventional swimming pools, (Class B & C Pools) pools for competitive aquatic sports, (Class A Pools) and wading pools. This standard is intended to cover public swimming pools, to be used for bathing and operated by an owner, licensee, or concessionaire, regardless of whether a fee is charged for use. Public swimming pools covered by this standard include conventional swimming pools, (Class B & C Pools) pools for competitive aquatic sports, (Class A Pools) and wading pools. This standard was listed for public review in the 3/24/2000 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: \$10.00 (Members); \$20.00 (Nonmembers)

Order from: NSPI, Attn: Publication Dept.  
Send comments (with copy to BSR) to: Same

- \* BSR/NSPI 5, Residential Inground Swimming Pools (revision of ANSI/NSPI 5-1995)

Covers specifications for the design, equipment, operation, installation, new construction and rehabilitation of residential inground swimming pools. This standard applies to permanently installed residential inground swimming pools intended for non-commercial use as a swimming pool by not more than (3) three owner families and their guests and exceeds 24 inches (610 mm) in water depth or has a volume over 3,250 gallons (12,303 L). This standard was listed for public review in the 8/13/1999 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: \$10.00

Order from: NSPI, Attn: Publication Dept.  
Send comments (with copy to BSR) to: Same

- BSR/NSPI 10, Public Swim Spas (new standard)

Covers public swimspas that are used for swimming or bathing and are operated by an owner, licensee, or concessionaire, regardless of whether a fee is charged for use. This standard is intended to cover public swimspas that are used for swimming or bathing and are operated by an owner, licensee, or concessionaire, regardless of whether a fee is charged for use. This standard was listed for public review in the 10/23/1998 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: \$5.00

Order from: NSPI, Attn: Publication Dept.  
Send comments (with copy to BSR) to: Same

- BSR/NSPI 11, Residential Swim Spas (new standard)

Covers residential pre-fabricated swimspa that are used for swimming or bathing and are operated by an owner. This standard is meant to cover certain aspects of the design, equipment, operation, installation, new construction and rehabilitation of pre-fabricated swimspas. This standard shall be met notwithstanding certain variations in equipment, materials and design. This standard is intended to cover residential pre-fabricated swimspa that are used for swimming or bathing and are operated by an owner. This standard was listed for public review in the 10/23/1998 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: \$10.00

Order from: NSPI, Attn: Publication Dept.  
Send comments (with copy to BSR) to: Same

## PRINTING EQUIPMENT

- BSR B65.4, Stand-alone Bindery Trimmers, Safety Standard (revision of ANSI B65.4-1994)

Specifies operational and mechanical safety specifications for the design and use of stand-alone three-knife trimmers, when they are used as intended and under the conditions foreseen by the manufacturers.

Single copy price: Free

Order from: NPES (ASC B65), Attn: Steven Presjner  
Send comments (with copy to BSR) to: Same

## SOCKETS

BSR/EIA 540FAAC-1992, Detail Specification for Multi-Package 50 Mil Pitch, Vertical Mounting Format Module Sockets for Use in Electronic Equipment (reaffirmation of ANSI/EIA 540FAAC-1992)

Applies to sockets for multi-package modules, vertical mounting. Single copy price: \$40.00

Order from: Global Engineering Documents, (800) 854-7179; [www.global.ihs.com](http://www.global.ihs.com)

Send comments (with copy to BSR) to: Cecelia M. Williams, EIA (ECA); [cwilliams@eia.org](mailto:cwilliams@eia.org)

BSR/EIA 540FAAD-1992, Detail Specification for Multi-Package 50 Mil Pitch, Angled Mounting Format Module Sockets for Use in Electronic Equipment (reaffirmation of ANSI/EIA 540FAAD-1992)

Applies to sockets for multi-package modules, angled mounting. Single copy price: \$40.00

Order from: Global Engineering Documents, (800) 854-7179; [www.global.ihs.com](http://www.global.ihs.com)

Send comments (with copy to BSR) to: Cecelia M. Williams, EIA (ECA); [cwilliams@eia.org](mailto:cwilliams@eia.org)

## WELDING AND CUTTING

BSR/AWS D15.1, Railroad Welding Specification Cars and Locomotives (revision of ANSI/AWS D15.1-93)

Establishes minimum standards for the manufacture and maintenance of railroad equipment. Part I covers the general requirements for welding in the railroad industry. Part II covers specific requirements for the welding of base metals thinner than 1/8 in. (3.2 mm).

Single copy price: \$133.50

Order from: AWS, Attn: Customer Service

Send comments (with copy to BSR) to: Leonard Connor, AWS; [lconnor@aws.org](mailto:lconnor@aws.org)

## WIRING

- BSR/UL 1059, Standard for Safety for Terminal Blocks (new standard)

Covers assemblies of wiring terminals and supporting blocks intended to provide for the connection of wiring. Compliance with these requirements does not assure that the terminal block is suitable for use as a component of an end product. These requirements cover terminal blocks rated 1500 volts or less. These requirements also cover protective conductor terminal blocks (PCTB) used to make the electrical and mechanical connection between conductors or between conductors and a fixing support such as a mounting rail. A PCTB may or may not be insulated. These terminal blocks are intended to permanently support and insulate wire terminations and joints from each other, and from the surface on which the terminal block is mounted, where the absence of such support or insulation may result in a risk of fire, electric shock, or injury to persons. The acceptability of a terminal block in any particular application depends upon its suitability for continued use under the conditions that prevail in actual service. Accordingly, for a particular application a terminal block may be affected by the requirements for the equipment in which it is used, and it may be necessary to additionally evaluate that terminal block for features or performance characteristics that are not specified in this standard. Terminal blocks employing types of connecting means not covered by this standard such as those in which conductors are secured to the terminals by means of a special tool can be considered under this standard but may require separate investigation. These requirements do not cover field installed power distribution blocks intended to distribute power in a building to separate units such as apartments, separate heaters, and air conditioning units. Power distribution blocks are investigated to Subject 1953, Outline of Investigation for Power Distribution Blocks.

Single copy price: \$30.00

Order from: Carol Chudy, UL-NC; [Carol.A.Chudy@us.ul.com](mailto:Carol.A.Chudy@us.ul.com)

Send comments (with copy to BSR) to: Same

# NFPA Fire Protection Standards Documentation

## Comment Closing Date: October 5, 2001

The National Fire Protection Association, in cooperation with ANSI has developed a procedure whereby the availability of the semi-annual NFPA Report on Proposals will be announced simultaneously by NFPA and ANSI for review and comment.

Disposition of all comments will be published in the semi-annual NFPA Report on Comments, a copy of which will automatically be sent to all commentors, and to others upon request. All comments must be received by October 5, 2001.

The NFPA Report on Proposals contains the Reports listed below. If you wish to comment on these Reports they are available and downloadable from the NFPA Website at [www.nfpa.org](http://www.nfpa.org) <<http://www.nfpa.org>> or request the 2002 May Meeting Committee Report on Proposals (ROP 02 MM) from the:

National Fire Protection Association  
Publications/Sales Department  
11 Tracy Drive  
Avon, MA 02322

Please note that some documents in the Report on Proposals do not contain the complete text of standards that are being revised, reconfirmed, or withdrawn. The full text of the standard may be obtained from NFPA at the prevalent price.

## AIR CONDITIONING

- BSR/NFPA 90A, Standard for the Installation of Air-Conditioning and Ventilating Systems (revision of ANSI/NFPA 90A-1999)

Covers all systems for the movement of environmental air in structures, which (a) serve spaces of over 25,000 cubic feet in volume, or (b) serve buildings of Types III, IV and V construction over three stories in height, regardless of volume, or (c) serve buildings and spaces not covered by other applicable NFPA standards (d) serve occupants or processes not covered by other applicable NFPA standards.

Single copy price: Free

- BSR/NFPA 90B, Standard for the Installation of Warm Air Heating and Air-Conditioning Systems (revision of ANSI/NFPA 90B-1999)

Covers all systems for the movement of environmental air in structures which serve one- or two-family dwellings or serve spaces not exceeding 25,000 cubic feet in volume in any occupancy.

Single copy price: Free

## AIRPORTS AND HELIPORTS

- BSR/NFPA 424, Guide for Airport/Community Emergency Planning (revision of ANSI/NFPA 424-1996)

Covers airport/community emergency planning techniques and procedures and how to plan for utilization of personnel from all concerned departments and agencies to provide maximum aircraft emergency services. Covers airport/community emergency planning techniques and procedures and how to plan for utilization of personnel from all concerned departments and agencies to provide maximum aircraft emergency services.

Single copy price: Free

## BUILDINGS

- BSR/NFPA 88A, Standard for Parking Structures (revision of ANSI/NFPA 88A-1998)

Covers the construction and protection of, as well as the control of hazards in, open air, enclosed, basement and underground parking structures.

Single copy price: Free

- BSR/NFPA 101B, Code for Means of Egress for Buildings and Structures (revision of ANSI/NFPA 101B-1999)

Identifies the minimum criteria for the design of egress facilities so as to permit prompt escape of occupants from buildings or, where desirable, into safe areas within buildings.

Single copy price: Free



- BSR/NFPA 415, Standard on Airport Terminal Buildings, Fueling Ramp Drainage, and Loading Walkways (revision of ANSI/NFPA 415-1997)

Covers the design of the water drainage system of an aircraft fueling ramp to control the flow of fuel which may be spilled on a ramp and to minimize the resultant possible danger therefrom.  
Single copy price: Free

## CHEMICALS

- BSR/NFPA 432, Code for the Storage of Organic Peroxide Formulations (revision of ANSI/NFPA 432-1997)

Provide reasonable requirements for the safe storage of commercially available formulations containing organic peroxides.  
Single copy price: Free

- BSR/NFPA 434, Code for the Storage of Pesticides (revision of ANSI/NFPA 434-1998)

Covers inside and outside storage of all forms of pesticides in portable containers other than fixed installations on transportation equipment.  
Single copy price: Free

- BSR/NFPA 490, Code for the Storage of Ammonium Nitrate (revision of ANSI/NFPA 490-1998)

Applies to the storage of ammonium nitrate in the form of crystals, flakes, grains or prills, including fertilizer grade, dynamite grade, nitrous oxide grade, technical grade and other mixtures containing 60 percent or more ammonium nitrate by weight, but does not apply to blasting agents.  
Single copy price: Free

- BSR/NFPA 480-1998, Standard for the Storage, Handling and Processing of Magnesium Solids and Powders (withdrawal of ANSI/NFPA 480-1998)

Applies to the storage, handling, and processing of magnesium at magnesium foundries, processing plants, and commercial storage facilities. ANSI/NFPA 480-1998 is being withdrawn because it has been consolidated into NFPA 484.  
Single copy price: Free

## ELECTRICAL SYSTEMS

- BSR/NFPA 70B, Recommended Practice for Electrical Equipment Maintenance (revision of ANSI/NFPA 70B-1998)

Covers preventive maintenance for industrial type electrical systems and equipment.  
Single copy price: Free

## ELECTRONIC EQUIPMENT

- BSR/NFPA 79, Electrical Standard for Industrial Machinery (revision of ANSI/NFPA 79-1997)

Covers electric/electronic equipment, apparatus or systems supplied as part of industrial machinery or mass production industrial equipment that will promote safety to life and property. Covers electric/electronic equipment, apparatus or systems supplied as part of industrial machinery or mass production industrial equipment that will promote safety to life and property. This standard was listed for public review in the 7/16/1999 issue of Standards Action. It is being resubmitted due to substantive changes to the text.  
Single copy price: Free

## EMERGENCY COMMUNICATION

- BSR/NFPA 1221, Standard for the Installation, Maintenance, and Use of Emergency Services Communications Systems (revision of ANSI/NFPA 1221-1999)

Covers the installation, maintenance and use of all public fire service communications systems and facilities.  
Single copy price: Free

## EXPLOSION PREVENTION

- BSR/NFPA 69, Standard on Explosion Prevention Systems (revision of ANSI/NFPA 69-1997)

Covers the design, construction, operation, maintenance and testing of systems for the prevention of deflagration explosions by means of the following methods: (a) control of oxidant concentration; (b) control of combustible concentration; (c) explo-

sion suppression; (d) deflagration pressure containment; (e) spark extinguishing systems.  
Single copy price: Free

## FIRE ALARMS AND DETECTORS

- BSR/NFPA 72, National Fire Alarm Code® (revision of ANSI/NFPA 72-1999)

Deals with the application, installation, performance, and maintenance of protective signaling systems and their components.  
Single copy price: Free

## FIRE FIGHTING

- BSR/NFPA 402, Guide for Aircraft Rescue and Fire Fighting Operations (revision of ANSI/NFPA 402-1996)

Provides aircraft rescue and fire fighting operational procedures for airport fire departments to assure the efficient utilization of the available aircraft rescue and fire fighting equipment and personnel provided.  
Single copy price: Free

## FIRE FIGHTING EQUIPMENT

- BSR/NFPA 10, Standard for Portable Fire Extinguishers (revision of ANSI/NFPA 10-1998)

Covers the selection, installation, inspection, maintenance, and testing of portable extinguishing equipment.  
Single copy price: Free

- BSR/NFPA 11, Standard for Low-Expansion Foam (revision of ANSI/NFPA 11-1998)

Covers the characteristics of foam-producing materials and the requirements for design, installation, operation & maintenance of equipment and systems; minimum requirements for flammable and combustible liquid hazards in local areas within buildings, for storage tanks, and for indoor and outdoor processing areas.  
Single copy price: Free

- BSR/NFPA 13, Standard for the Installation of Sprinkler Systems (revision of ANSI/NFPA 13-1999)

Covers minimum requirements for the design and installation of automatic sprinkler systems and of exposure protection sprinkler systems including the character and adequacy of water supplies to sprinkler systems.  
Single copy price: Free

- BSR/NFPA 13D, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes (revision of ANSI/NFPA 13D-1999)

Covers the design and installation of automatic sprinkler systems for one- and two-family dwellings and mobile homes.  
Single copy price: Free

- BSR/NFPA 13R, Standard for the Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height (revision of ANSI/NFPA 13R-1999)

Covers design and installation of automatic sprinkler systems for the protection against fire hazards in residential occupancies up to four stories in height.  
Single copy price: Free

- BSR/NFPA 17, Standard for Dry Chemical Extinguishing Systems (revision of ANSI/NFPA 17-1998)

Covers minimum requirements for dry chemical fire extinguishing systems which discharge dry chemical from fixed nozzles or hand hose lines by means of expellant gas.  
Single copy price: Free

- BSR/NFPA 17A, Standard for Wet Chemical Extinguishing Systems (revision of ANSI/NFPA 17A-1998)

Covers the design, installation, operation, testing and maintenance of wet chemical pre-engineered fire extinguishing systems which discharge wet chemical from fixed nozzles and piping by means of expellant gas.  
Single copy price: Free

- BSR/NFPA 24, Standard for the Installation of Private Fire Service Mains and Their Appurtenances (revision of ANSI/NFPA 24-1995)

Covers requirements for installation of private fire service mains and their appurtenances supplying automatic sprinkler systems, open sprinkler systems, water spray fixed systems, foam systems, private hydrants, monitor nozzles or standpipe systems with references to water supplies private hydrants and hose houses. Also applies to combined service mains used to carry water for both fire service and other use. This standard was listed for public review in the 3/12/1999 issue of Standards Action. It is being resubmitted due to substantive changes to the text.

Single copy price: Free

- BSR/NFPA 1911, Standard for Service Tests of Fire Pump Systems on Fire Apparatus (revision of ANSI/NFPA 1911-1997)

Covers the service testing of fire pumps and attack pumps on fire department automotive apparatus. This standard does not apply to apparatus equipped solely with pumps rated less than 250 GPM (950 L/min). This standard was listed for public review in the 3/14/1997 issue of Standards Action. It is being resubmitted due to substantive changes to the text.

Single copy price: Free

- BSR/NFPA 1914, Standard for Testing Fire Department Aerial Devices (revision of ANSI/NFPA 1914-1997)

Covers the service testing of fire pumps and attack pumps on fire department automotive apparatus. This standard does not apply to apparatus equipped solely with pumps rated at less than 250 GPM (950 L/min). This standard was listed for public review in the 3/14/1997 issue of Standards Action. It is being resubmitted due to substantive changes to the text.

Single copy price: Free

- BSR/NFPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus for the Fire Service (revision of ANSI/NFPA 1981-1997)

Covers minimum documentation, design criteria, performance criteria, test methods, and certification for open-circuit self-contained breathing apparatus (SCBA) used in fire fighting rescue, and other hazardous duties. This standard was listed for public review in the 1/26/2001 issue of Standards Action. It is being resubmitted due to substantive changes to the text.

Single copy price: Free

- BSR/NFPA 11A-1998, Standard for Medium- and High-Expansion Foam Systems (withdrawal of ANSI/NFPA 11A-1998)

Covers minimum requirements for the installation, design, operation, testing, and maintenance of medium and high expansion foam systems.

Single copy price: Free

## FIRE PERSONNEL

- BSR/NFPA 1001, Standard for Fire Fighter Professional Qualifications (revision of ANSI/NFPA 1001-1997)

Identifies the professional levels of competence required of fire department members, especially the requirements for entrance into the fire department, and the first three levels of progression thereafter. This standard was listed for public review in the 3/14/1997 issue of Standards Action. It is being resubmitted due to substantive changes to the text.

Single copy price: Free

- BSR/NFPA 1521, Standard for Fire Department Safety Officer (reaffirmation of BSR/NFPA 1521-1997)

Contains minimum requirements for the assignment, duties, and responsibilities of a safety officer for a fire department or other fire service organization. This standard was listed for public review in the 1/26/2001 issue of Standards Action. It is being resubmitted due to substantive changes to the text.

Single copy price: Free

## FIRE PROTECTION

- BSR/NFPA 30B, Code for the Manufacture and Storage of Aerosol Products (revision of ANSI/NFPA 30B-1998)

Provides minimum requirements for the prevention of fires and explosions in facilities that manufacture, store, or display aerosol products.

Single copy price: Free

- BSR/NFPA 61, Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Products Facilities (revision of ANSI/NFPA 61-1999)

Applies to all facilities that handle, process, blend, mill, receive, load, ship, package, store, or unload dry agricultural bulk materials, their by-products or ducts which includes grains, oilseeds, agricultural seeds, legumes, sugar, spices, feeds and other related materials. All facilities designed for manufacturing and handling starch, including drying grinding, conveying processing, packaging and storage of dry or modified starch; and dry products and dusts generated from these process.

Single copy price: Free

- BSR/NFPA 170, Standard for Fire Safety Symbols (revision of ANSI/NFPA 170-1999)

Provides referents and symbols for visual alerting of building occupants during fire and related life safety emergencies; presents fire protection symbols for the architectural, engineering, and allied design fields; presents fire protection symbols for diagrams employed in fire risk and loss analysis; presents standard referents and symbols for visual alerting of fire fighters during fire and related emergencies.

Single copy price: Free

- BSR/NFPA 232, Standard for the Protection of Records (revision of ANSI/NFPA 232-2000)

Provides requirements for records protection equipment and facilities and record-handling techniques that provide protection from the hazards of fire.

Single copy price: Free

- BSR/NFPA 262, Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces (revision of ANSI/NFPA 262-1999)

Covers test methods to measure and record the fire and smoke characteristics of wiring or cable by measuring the flame spread distance along the test specimens and the light transmittance of the smoke developed, when exposed to the test fire.

Single copy price: Free

- BSR/NFPA 318, Standard for the Protection of Cleanrooms (revision of ANSI/NFPA 318-2000)

Provides reasonable safeguards for the protection of facilities containing cleanrooms from fire and related hazards. These safeguards are intended to provide protection against injury, life loss, and property damage.

Single copy price: Free

- BSR/NFPA 664, Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities (revision of ANSI/NFPA 664-1998)

Applies to all facilities involving the handling, storage or processing of wood or wood products that produce or utilize finely divided wood particles or wood fibers.

Single copy price: Free

- BSR/NFPA 1144, Standard for Protection of Life and Property from Wildfire (revision and redesignation of ANSI/NFPA 299-1997)

Presents minimum planning criteria for the protection of life and property from wildfire. It includes information on safe procedures and practices at the wildland/urban interface or intermix.

Single copy price: Free

## FIREWORKS

- BSR/NFPA 1124, Code for the Manufacture, Transportation, and Storage of Fireworks and Pyrotechnic Articles (revision of ANSI/NFPA 1124-1998)

Applies to the manufacture, transportation and storage of fireworks. Applies to the manufacture, transportation and storage of fireworks. 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. Applies to the manufacture, transportation and storage of fireworks.

Single copy price: Free

**FLAMMABLE LIQUIDS**

- BSR/NFPA 395-1993, Standard for the Storage of Flammable and Combustible Liquids at Farms and Isolated Sites (withdrawal of ANSI/NFPA 395-1993)

Covers the storage on farms or in rural areas of flammable and combustible liquids having a flash point below 200°F and the storage of flammable and combustible liquids on farms, rural road construction and other rural earth-moving projects where it is customary to obtain fuels in bulk and dispense or transfer them under control of the owner or contractor. This standard was listed for public review in the 7/21/1995 issue of Standards Action. It is being resubmitted due to substantive changes to the text.

Single copy price: Free

**FUEL GAS CODES**

- BSR/NFPA 54-1999, National Fuel Gas Code (same as ANSI Z223.1) (revision of ANSI/NFPA 54-1999)

Applies to the installation of fuel gas piping systems, fuel gas utilization equipment, and related accessories.

Single copy price: Free

**FUEL SYSTEMS**

- BSR/NFPA 52, Compressed Natural Gas (CNG) Vehicular Fuel Systems Code (revision of ANSI/NFPA 52-1998)

Applies to the design and installation of compressed natural gas (CNG) engine fuel systems on vehicles of all types and to their associated fueling (dispensing) systems.

Single copy price: Free

- BSR/NFPA 57, Liquefied Natural Gas (LNG) Vehicular Fuel Systems Code (revision of ANSI/NFPA 57-1999)

Applies to the design and installation of liquefied natural gas (LNG) engine fuel systems on vehicles of all types and to their associated fueling (dispensing) facilities, with a total site storage capacity of 70,000 gallons of LNG or less.

Single copy price: Free

**METALS AND ALLOYS**

- BSR/NFPA 484, Standard for Combustible Metals, Metal Powders, and Metal Dusts (revision, redesignation and consolidation of ANSI/NFPA 480-1998, ANSI/NFPA 481-2000, ANSI/NFPA 482-1996, ANSI/NFPA 481-2000, ANSI/NFPA 485-1999, ANSI/NFPA 651-1998)

Applies to the production, processing, finishing, handling, storage and use of all metals and alloys that are in a form that is capable of combustion or explosion.

Single copy price: Free

- BSR/NFPA 481-2000, Standard for the Production, Processing, Handling, and Storage of Titanium (withdrawal of ANSI/NFPA 481-2000)

Deals with the fire and explosion hazards associated with the production, processing, fabrication and storage of titanium; and to outline recommended methods of fire prevention, fire extinguishment and safe personnel practices. ANSI/NFPA 481-2000 is being withdrawn because it has been consolidated into NFPA 484.

Single copy price: Free

- BSR/NFPA 485-1999, Standard for the Storage, Handling, Processing, and Use of Lithium Metal (withdrawal of ANSI/NFPA 485-1999)

Applies to the storage, handling, and use of solid, molten, and powdered lithium. ANSI/NFPA 485-1999 is being withdrawn because it has been consolidated into NFPA 484.

Single copy price: Free

- BSR/NFPA 651-1998, Standard for the Machining and Finishing of Aluminum and the Production and Handling of Aluminum Powders (withdrawal of BSR/NFPA 651-1998)

Covers the hazards of ignition and explosions in the manufacture of light metal flake powder or paste and atomized light metal granules, or dust of any light metal alloy that is explosive in an environmental atmosphere. ANSI/NFPA 651-1998 is being withdrawn because it has been consolidated into NFPA 484.

Single copy price: Free

**PLASTICS**

- BSR/NFPA 42, Code for the Storage of Pyroxylin Plastic (reaffirmation of BSR/NFPA 42-1997)

Covers the storage of pyroxylin plastic in the form of raw material, unfinished and finished products and scrap.

Single copy price: Free

**ROCKETS**

- BSR/NFPA 1122, Code for Model Rocketry (revision of ANSI/NFPA 1122-1997)

Applies to the design, construction, limitation of propellant mass and power, and reliability of all rocket motors, other than fireworks rockets, produced commercially for sale to and/or use by the public for purposes of education, recreation, and sporting competition. This standard was listed for public review in the 3/14/1997 issue of Standards Action. It is being resubmitted due to substantive changes to the text.

Single copy price: Free

- BSR/NFPA 1127, Code for High Power Rocketry (revision of ANSI/NFPA 1127-1998)

Applies to the design, construction, limitation of propellant mass and power, and reliability of all high power rocket motors produced commercially for sale to and/or use by the certified user for education, recreation, and sporting competition.

Single copy price: Free

**VEHICLES, MOTOR**

- BSR/NFPA 505, Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operation (revision of ANSI/NFPA 505-1999)

Applies to fork trucks, tractors, platform lift trucks, motorized hand trucks and other specialized industrial trucks powered by electric motors or internal combustion engines.

Single copy price: Free

**WALL COVERINGS**

- BSR/NFPA 265, Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile Wall Coverings (revision of ANSI/NFPA 265-1998)

Describes a method for determining the contribution of textile wall coverings to room fire growth during specified fire exposure conditions. This method is to be used to evaluate the flammability characteristics of textile wall coverings, where such materials constitute the exposed interior surfaces of buildings.

Single copy price: Free

**ZIRCONIUM AND ALLOYS**

- BSR/NFPA 482-1996, Standard for the Production, Processing, Handling and Storage of Zirconium (withdrawal of ANSI/NFPA 482-1996)

Covers the production, processing, fabrication, handling and storage of zirconium. Covers the production, processing, fabrication, handling and storage of zirconium. ANSI/NFPA 482-1996 is being withdrawn because it has been consolidated into NFPA 484.

Single copy price: Free

**Comment Closing Date: October 5, 2001**

The National Fire Protection Association, in cooperation with ANSI has developed a procedure whereby the availability of the NFPA Building Code Committee Report on Proposals will be announced simultaneously by NFPA and ANSI for review and comment.

Disposition of all comments will be published in the NFPA Building Code Committee Report on Comments, a copy of which will automatically be sent to all commentors, and to others upon request. All comments must be received by October 5, 2001.

The NFPA Building Code Committee Report on Proposals contains the proposed changes to NFPA 5000, NFPA Building Code. If anyone wishes to comment on this Report, it is avail-



able and downloadable from the NFPA Website at [www.nfpa.org](http://www.nfpa.org) or you may request the NFPA Building Code Committee Report on Proposals (BLD-02 MM ROP) by contacting the:

National Fire Protection Association  
Publications/Sales Department  
11 Tracy Drive  
Avon, MA 02322

Order from:

2002 May Meeting Report on Proposals  
[www.nfpa.org](http://www.nfpa.org) or  
NFPA, Attn: Customer Service  
11 Tracy Drive  
Avon, MA 02322

Send comments (with copy to BSR) to:

NFPA, Attn: Casey C. Grant  
1 Batterymarch Park  
Quincy, MA 02269-9101  
Avon, MA 02322

■ **BSR/NFPA 5000, NFPA Building Code (new standard)**

Applies to the construction, alteration, repair, equipment, use and occupancy, maintenance, relocation and demolition of every building or structure, or any appurtenances connected or attached to such buildings or structures within the jurisdiction.

## Announcement of Administrative Withdrawal of American National Standards:

### Effective Date of 8/12/01

The following standards have been administratively withdrawn due to overlap 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).

An administrative withdrawal does not invalidate any ongoing revision or reaffirmation activity that might be underway but that cannot conclude by a standard's tenth anniversary date of its approval as an American National Standard (ANS). Rather, the effect is that should a standard be submitted for approval as an American National Standard after it has been administratively withdrawn, it would have to be submitted and approved as a "new" American National Standard, and not a revision of or reaffirmation to an existing American National Standard.

Questions may be directed to [psa@ansi.org](mailto:psa@ansi.org) or via fax to the PSA Department at 212-730-1346.

Announcement of Administrative Withdrawal of American National Standards: Effective Date of 8/12/01

ANSI/SAE J10-OCT90, Automotive and Off-Highway Air Brake Reservoir Performance and Identification Requirements  
ANSI/SAE J18-JUL92, Sponge- and Expanded-Cellular-Rubber Products  
ANSI/SAE J33-OCT84, Snowmobile Definitions and Nomenclature - General  
ANSI/SAE J43-OCT83, Axle Rating for Industrial Wheel Loaders and Loader-Backhoes  
ANSI/SAE J53-OCT83, Minimum Performance Criteria for Emergency Steering of Wheeled Earthmoving Construction Machines  
ANSI/SAE J80-JAN88, Automotive Rubber Mats  
ANSI/SAE J90-JUN90, Standard Classification System for Non-Metallic Automotive Gasket Materials  
ANSI/SAE J98-NOV92, Industrial Wheeled Equipment, Safety for  
ANSI/SAE J100-MAR88, Passenger Car Glazing Shade Bands  
ANSI/SAE J101-DEC89, Hydraulic Wheel Cylinders for Automotive Drum Brakes  
ANSI/SAE J139-JUN90, Ignition System Nomenclature and Terminology  
ANSI/SAE J151-JUN91, Pressure Relief for Cooling System  
ANSI/SAE J154a-MAY84, Operator Enclosures Human Factor Design Considerations

ANSI/SAE J164-JUN91, Radiator Caps and Filler Necks  
ANSI/SAE J171-APR91, Measurement of Fuel Evaporative Emissions from Gasoline-Powered Passenger Cars and Light Trucks Using the Enclosure Technique  
ANSI/SAE J176-DEC89, Fast Fill Fueling Installation for Off-Road Work Machines  
ANSI/SAE J183-JUN91, Engine Oil Performance and Engine Service Classification (Other than "Energy Conserving")  
ANSI/SAE J186-DEC89, Supplemental High-Mounted Stop and Rear-Turn Signal Lamps for Use on Vehicles Less Than 2032 mm in Overall Width  
ANSI/SAE J216-DEC89, Passenger Car Glazing - Electrical Circuits  
ANSI/SAE J223-APR80, Symbols and Color Codes for Maintenance Instructions, Container and Filler Identification  
ANSI/SAE J228-JUN90, Airflow Reference Standards  
ANSI/SAE J244-AUG92, Measurement of Intake Air or Exhaust Gas Flow of Diesel Engines  
ANSI/SAE J253-DEC89, Headlamp Switch  
ANSI/SAE J260-JUN90, Rear Underride Guard Test Procedure  
ANSI/SAE J265-APR91, Diesel Fuel Injector Assembly - Types 8, 9, 10, and 11  
ANSI/SAE J267-JAN91, Wheels/Rims - Trucks - Test Procedures and Performance Requirements  
ANSI/SAE J268-MAY82, Rear View Mirrors - Motorcycles  
ANSI/SAE J276-NOV92, Steering Frame Lock for Articulated Loaders and Tractors  
ANSI/SAE J277-JUN90, Maintenance of Design Voltage - Snowmobile Electrical Systems  
ANSI/SAE J285-SEP92, Gasoline Dispenser Nozzle Spouts  
ANSI/SAE J321b-MAY84, Tire Guards for Protection of Operator of Earth-Moving Haulage Machines  
ANSI/SAE J331-OCT92, Sound Levels for Motorcycles  
ANSI/SAE J335-SEP90, Multiposition Small Engine Exhaust System Fire Ignition Suppression  
ANSI/SAE J342-JAN91, Spark Arrester Test Procedure for Large Size Engines  
ANSI/SAE J343-APR91, Tests and Procedures for SAE 100R Series Hydraulic Hose and Hose Assemblies  
ANSI/SAE J350-JAN91, Spark Arrester Test Procedure for Medium Size Engines  
ANSI/SAE J356-JUN91, Welded Flash-Controlled Low Carbon Steel Tubing Normalized for Bending, Double Flaring, and Beading  
ANSI/SAE J357-JUN91, Physical and Chemical Properties of Engine Oils  
ANSI/SAE J358-FEB91, Nondestructive Tests  
ANSI/SAE J374-MAY91, Vehicle Roof Strength Test Procedure  
ANSI/SAE HS J390-1982, Dual Dimensioning  
ANSI/SAE J409-DEC90, Product Analysis - Permissible Variations from Specified Chemical Analysis of a Heat or Cast of Steel  
ANSI/SAE J410-JUN84, High Strength, Low Alloy Steel  
ANSI/SAE J413b-83, Mechanical Properties of Heat Treated Wrought Steels  
ANSI/SAE J427-MAR91, Penetrating Radiation Inspection  
ANSI/SAE J428-MAR91, Ultrasonic Inspection  
ANSI/SAE J450-JUN91, Use of Terms Yield Strength and Yield Point  
ANSI/SAE J454-FEB91, General Data on Wrought Aluminum Alloys  
ANSI/SAE J457-FEB91, Chemical Compositions, Mechanical Property Limits, and Dimensional Tolerances of SAE Wrought Aluminum Alloys  
ANSI/SAE J465-JUN83, Magnesium Casting Alloys  
ANSI/SAE J468-JUN83, Zinc Alloy Ingot and Die Casting Compositions  
ANSI/SAE J491-NOV87, Steering Ball Studs and Socket Assemblies  
ANSI/SAE J500-AUG89, Serrated Shaft Ends  
ANSI/SAE J510-NOV92, Leaf Springs for Motor Vehicle Suspension - Made to Customary U.S. Units  
ANSI/SAE J515-NOV90, Hydraulic O-Ring  
ANSI/SAE J524-JUN91, Seamless Low-Carbon Steel Tubing Annealed for Bending and Flaring  
ANSI/SAE J525-JUN91, Welded and Cold-Drawn Low-Carbon Steel Tubing Annealed for Bending and Flaring  
ANSI/SAE J526-JUN91, Welded Low-Carbon Steel Tubing  
ANSI/SAE J527-JUN91, Brazed Double-Wall Low-Carbon Steel Tubing

ANSI/SAE J528-JUN91, Seamless Copper Tube  
ANSI/SAE J538-JUL89, Grounding of Storage Batteries  
ANSI/SAE J541-JUL83, Voltage Drop for Starting Motor Circuits  
ANSI/SAE J542-JUN91, Starting Motor Mountings  
ANSI/SAE J544-MAR88, Electric Starting Motor Test Procedure  
ANSI/SAE J549-JUN90, Preignition Rating of Spark Plugs  
ANSI/SAE J553-JUN92, Circuit Breakers  
ANSI/SAE J563-MAR90, Six- and Twelve-Volt Cigar Lighter Receptacles  
ANSI/SAE J564-MAR90, Headlamp Beam Switching  
ANSI/SAE J567-NOV87, Lamp Bulb Retention System  
ANSI/SAE J575-JUL83, Tests for Motor Vehicle Lighting Devices and Components  
ANSI/SAE J578-OCT87, Lighting Devices, Color Specification for Electric Signal  
ANSI/SAE J586-DEC89, Lamps, Stop, for Use on Motor Vehicles Less Than 2032 mm in Overall Width  
ANSI/SAE J588-JUN91, Turn Signal Lamps for Use on Motor Vehicles Less Than 2032 mm in Overall Width  
ANSI/SAE J592-MAR90, Lamps, Clearance, Side Marker, and Identification  
ANSI/SAE J595-JAN90, Flashing Warning Lamps for Authorized Emergency, Maintenance, and Service Vehicles  
ANSI/SAE J602-DEC89, Headlamp Aiming Device for Mechanically Aimable Headlamp Units  
ANSI/SAE J615-APR91, Engine Mountings  
ANSI/SAE J617c-MAY84, Engine Flywheel Housings  
ANSI/SAE J618-JAN91, Flywheels for Single-Plate Spring-Loaded Clutches  
ANSI/SAE J624-SEP89, Tapped and Flanged Exhaust Connections for Small Engines  
ANSI/SAE J629-APR91, Diesel Fuel Injector Assembly - Flange Mounted Types 5 and 6  
ANSI/SAE J641-JUL88, Hydrodynamic Drives Terminology  
ANSI/SAE J645-OCT92, Automotive Transmission Terminology  
ANSI/SAE J647-JUN85, Transmissions - Schematic Diagrams  
ANSI/SAE J649-JUL88, Automatic Transmission Functions - Terminology  
ANSI/SAE J651-JAN91, Passenger Car and Truck Automatic Transmission Test Code  
ANSI/SAE J662-NOV90, Brake Clock Chamfer  
ANSI/SAE J674-NOV90, Safety Glazing Materials - Motor Vehicles  
ANSI/SAE J678-JUN84, Speedometers and Tachometers - Automotive  
ANSI/SAE J688-AUG87, Truck Ability Prediction Procedure  
ANSI/SAE J689-DEC89, Curb Clearance Approach, Departure, and Ramp Breakover Angles - Passenger Car and Light Truck  
ANSI/SAE J691-SEP90, Motor Truck CA Dimensions  
ANSI/SAE J695-DEC89, Turning Ability and Off Tracking - Motor Vehicles  
ANSI/SAE J704-DEC92, Take-offs, Openings for Six- and Eight-Bolt Truck Transmission Mounted Power  
ANSI/SAE J706-NOV90, Rating of Winches  
ANSI/SAE J711-MAR91, Tire Selection Tables for Agricultural Tractors of Future Design  
ANSI/SAE J722-MAR91, Power Take-Off Definitions and Terminology for Agricultural Tractors  
ANSI/SAE J725-MAR91, Mounting Brackets and Socket for Warning Lamp and Slow-Moving Vehicle (SMV) Identification Emblem  
ANSI/SAE J728-JUL90, Component Nomenclature - Scrapers  
ANSI/SAE J731d-MAY84, Component Nomenclature - Loader  
ANSI/SAE J732-FEB80, Specification Definitions - Loaders  
ANSI/SAE J733b-JUN86, Nomenclature - Rippers and Scarifiers  
ANSI/SAE J734-JUL90, Component Nomenclature - Dumper Trailer  
ANSI/SAE J737-AUG89, Hole Spacing for Scraper and Dozer Cutting Edges  
ANSI/SAE J739-JUN91, Cutting Edge - Curved Grader  
ANSI/SAE J747-MAY90, Hydraulic Control Valve Test Procedure  
ANSI/SAE J752b-MAY84, Maintenance Interval - Construction Equipment  
ANSI/SAE J753-MAY91, Maintenance Interval Chart  
ANSI/SAE J759-JUN91, Lighting Identification Code  
ANSI/SAE J763-APR91, Aging of Carbon Steel Sheet and Strip  
ANSI/SAE J765-OCT90, Crane Load Stability Test Code  
ANSI/SAE J772-DEC92, Take-Offs, Clearance Envelopes for Six- and Eight-Bolt Truck Transmission Mounted Power  
ANSI/SAE J774-DEC89, Emergency Warning Device (Triangular Shape)  
ANSI/SAE J778-1983, Formerly Standard SAE Alloy Steels  
ANSI/SAE J780-APR84, Engine Coolant Pump Seals  
ANSI/SAE J823-JUN91, Flasher Test  
ANSI/SAE J826-JUN92, Devices for Use in Defining and Measuring Vehicle Seating Accommodation  
ANSI/SAE J830-OCT92, Fuel Injection Equipment Nomenclature  
ANSI/SAE J833-MAY89, USA Human Physical Dimensions  
ANSI/SAE J843-NOV90, Brake System Road Test Code - Passenger Car and Light-Duty Truck  
ANSI/SAE J848-JAN91, Fifth Wheel Kingpin, Heavy-Duty-Commercial Trailers and Semitrailers  
ANSI/SAE J852-NOV87, Front Cornering Lamps for Use on Motor Vehicles  
ANSI/SAE J859-OCT92, Numbering System for Designating Grades of Cast Ferrous Materials  
ANSI/SAE J866-NOV90, Friction Coefficient Identification System for Brake Linings  
ANSI/SAE J869-JUL90, Component Nomenclature - Two and Four-Wheel Tractors  
ANSI/SAE J870-JUL90, Component Nomenclature - Graders  
ANSI/SAE J876-JAN91, Wide Base Tire Rims and Wheels  
ANSI/SAE J884-MAR91, Liquid Ballast Table for Drive Tires of Agricultural Tractors  
ANSI/SAE J898-OCT87, Control Locations for Off-Road Work Machines  
ANSI/SAE J901-OCT90, Universal Joints and Driveshafts - Nomenclature - Terminology - Application  
ANSI/SAE J916-MAY91, Rules for SAE Use of SI (Metric) Units  
ANSI/SAE J923-APR91, Nomenclature and Terminology for Truck and Bus Drive Axles  
ANSI/SAE J928-JUL89, Electrical Terminals - Pin and Receptacle Type  
ANSI/SAE J946-AUG89, Seals - Application Guide to Radial Lip  
ANSI/SAE J957-JUN93/ISO 6484-DEC92, Elevating Scrapers - Capacity Rating  
ANSI/SAE J958-MAR81, Nomenclature and Dimensions for Crane Shovels  
ANSI/SAE J959-MAY91, Lifting Crane, Wire-Rope Strength Factors  
ANSI/SAE J960-JUN91, Marine Control Cable Connection - Engine Clutch Lever  
ANSI/SAE J961-JUN91, Marine Control Cable Connection-Engine Throttle Lever  
ANSI/SAE J962-MAY 1986, Formed Tube Ends for Hose Connection  
ANSI/SAE J971-JUN91, Brake Power Rating Test Code - Commercial Vehicle Inertia Dynamometer  
ANSI/SAE J972-DEC88, Moving Rigid Barrier Collision Tests  
ANSI/SAE J993-JAN89, Alloy and Temper Designation Systems for Aluminum  
ANSI/SAE J997-SEP90, Spark Arrester Test Carbon  
ANSI/SAE J999-OCT80, Crane Boom Hoist Disengaging Device  
ANSI/SAE J1003-JUN90, Diesel Engine Emission Measurement Procedure  
ANSI/SAE J1012-JUN93/ISO 3737-1976, Agricultural Equipment Enclosure Pressurization System Test Procedure  
ANSI/SAE J1013-AUG92, Measuring of Whole Body Vibration of the Seated Operator of Off-Highway Work Machines  
ANSI/SAE J1015-MAR91, Ten Kilometer Per Hour Test Procedure  
ANSI/SAE J1016-JUL90, Component Nomenclature - Dumpers  
ANSI/SAE J1019-JUN90, Tests and Procedures for High-Temperature Transmission Oil Hose, Engine Lubricating Oil Hose, and Hose Assemblies  
ANSI/SAE J1028-AUG89, Mobile Crane Working Area Definitions  
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- ANSI/SAE J1345-FEB82, Automotive Plastic Parts Specification
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- ANSI/SAE J1363-JAN85, Capacity Rating - Dumper Body and Trailer Body
- ANSI/SAE J1383-JUN90, Performance Requirements for Motor Vehicle Headlamps
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- ANSI/SAE J1587-NOV89, Electronic Data Interchange Between Microcomputer Systems in Heavy-Duty Vehicle Applications
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## Project Withdrawn from Consideration

BSR/IPC 6018/IPC HF-318B, Microwave End Product Board Inspection and Test, which appeared for Public Review in the 7/31/1998 edition of *Standards Action*, is being withdrawn from consideration at this time.

# Call for Comment Contact Information

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# Final actions on American National Standards

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

## BATTERIES

- ★ ANSI C18.2M, Part 1-2001, Portable Rechargeable Cells and Batteries - General and Specifications (revision of ANSI C18.2M, Part 1-1999): 6/20/2001

## ELECTRIC EQUIPMENT

ANSI/UL 325-2001, Standard for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-1997): 6/11/2001

## ELECTRICITY

- ANSI C2-2002, National Electrical Safety Code (revision of ANSI C2-1997): 6/14/2001

## FASTENERS

ANSI/ASME B18.1.1-1972 (R2001), Small Solid Rivets (reaffirmation of ANSI/ASME B18.1.1-1972 (R1995)): 6/20/2001  
 ANSI/ASME B18.1.2-1972 (R2001), Large Rivets (reaffirmation of ANSI/ASME B18.1.2-1972 (R1995)): 6/20/2001  
 ANSI/ASME B18.1.3M-1983 (R2001), Metric Small Rivets (reaffirmation of ANSI/ASME B18.1.3M-1983 (R1995)): 6/20/2001  
 ANSI/ASME B18.7-1972 (R2001), General Purpose Semi-Tubular Rivets, Full Tubular Rivets, Split Rivets and Rivet Caps (reaffirmation of ANSI/ASME B18.7-1972 (R1992)): 6/20/2001  
 ANSI/ASME B18.16.1M-1979 (R2001), Mechanical and Performance Requirements for Prevailing-Torque Type Steel Metric Hex Nuts and Hex Flange Nuts (reaffirmation of ANSI/ASME B18.16.1M-1979 (R1995)): 6/20/2001  
 ANSI/ASME B18.16.2M-1979 (R2001), Torque-Tension Test Requirements for Prevailing-Torque Type Steel Metric Hex Nuts and Hex Flange Nuts (reaffirmation of ANSI/ASME B18.16.2M-1979 (R1995)): 6/20/2001

## FITTINGS, FLANGES, AND VALVES

ANSI/API 603-2001, Class 150, Cast, Corrosion-Resistant, Flanged-End Gate Valves (revision of ANSI/API 603-1993): 6/22/2001

## FLUID FLOW

ANSI/ASME MFC-2M-1983 (R2001), Measurement Uncertainty for Fluid Flow in Closed Conduits (reaffirmation of ANSI/ASME MFC-2M-1983 (R1998)): 6/20/2001  
 ANSI/ASME MFC-5M-1985 (R2001), Measurement of Liquid Flow in Closed Conduits using Transit-Time Ultrasonic Flowmeters (reaffirmation of ANSI/ASME MFC-5M-1985 (R1994)): 6/20/2001  
 ANSI/ASME MFC-9M-1998 (R2001), Measurement of Liquid Flow in Closed Conduits by Weighing Method (reaffirmation of ANSI/ASME MFC-9M-1998): 6/20/2001

## GASES

ANSI/ASME MFC-7M-1987 (R2001), Measurement of Gas Flow by Means of Critical Flow Venturi Nozzles (reaffirmation of ANSI/ASME MFC-7M-1987 (R1992)): 6/20/2001

## HEALTH CARE FACILITIES

- ANSI/HL7 V1.3-2001, The Health Level Seven Context Management Specification, Version V1.3 (revision and redesignation of ANSI/HL7 V1.2-2000): 6/14/2001

## HYDRANTS

ANSI/ASME A112.21.3M-1976 (R2001), Hydrants for Utility and Maintenance Use (reaffirmation of ANSI/ASME A112.21.3M-1976 (R1995)): 6/22/2001

## INFORMATION TECHNOLOGY

ANSI/IEEE 1003.1q-2000, Standard for Information Technology - Portable Operating Systems Interface (POSIX) - Part 1: System Application Program Interface (API) - Amendment 7: Tracing [C Language] (supplement to ANSI/IEEE 1003.1-1990 (R1995)): 6/22/2001

## LAMP BASES AND HOLDERS

ANSI C78.1500-2001, Electric Lamps - Tungsten-Halogen Lamps with P28 Bases and 89 mm LCL (revision of ANSI C78.1500-1993): 6/18/2001  
 ANSI C78.1501-2001, Electric Lamps - Tungsten-Halogen Lamps with G22 Bases and 63.5 mm LCL (revision of ANSI C78.1501-1993): 6/18/2001  
 ANSI C78.1503-2001, Electric Lamps - Tungsten-Halogen Lamps with G9.5 Bases and 60.5 mm LCL (revision of ANSI C78.1503-1993): 6/18/2001  
 ANSI C78.1504-2001, Electric Lamps - Tungsten-Halogen Lamps with P28 Bases and 55.5 mm LCL (revision of ANSI C78.1504-1993): 6/18/2001  
 ANSI C78.1505-2001, Electric Lamps - Tungsten-Halogen Lamps with G38 Bases and 127 mm LCL (revision of ANSI C78.1505-1993): 6/18/2001

## LAMPS, ELECTRIC

ANSI C78.901-2001, Electric Lamps - Single-Ended Fluorescent Lamps - Dimensional and Electrical Characteristics (revision, redesignation and consolidation of ANSI C78.1-1991 (R1996), ANSI C78.2-1991 (R1996), ANSI C78.3-1991 (R1996), ANSI C78.4-1995): 6/11/2001

## MACHINERY

ANSI/NIMS 100-2001, Duties and Standards: Machine Maintenance, Repair and Service Level II & Level III (new standard): 6/12/2001

## PLUMBING

ANSI/ASME A112.19.10-1994 (R2001), Dual Flush Devices for Water Closets (reaffirmation of ANSI/ASME A112.19.10-1994): 6/20/2001  
 ANSI/ASME A112.19.14M-2001, Six Liter Water Closets Equipped with Dual Flushing Device (new standard): 6/20/2001

## PRINTING AND PUBLISHING TECHNOLOGY

ANSI CGATS.6-1995 (R2001), Graphic Technology - Specifications for Graphic Arts Printing - Type 1 (reaffirmation of ANSI CGATS.6-1995): 6/15/2001

## PUMPS

- ANSI/UL 1207-2001, Standard for Safety for Sewage Pumps for Use in Hazardous (Classified) Locations (revision of ANSI/UL 1207-1996): 6/14/2001

## TELECOMMUNICATIONS

ANSI/TIA/EIA 732.732-2001, Cellular Digital Packet Data - Inter-Domain Management Ensemble (new standard): 6/15/2001  
 ANSI/TIA/EIA 732.751-2001, Cellular Digital Packet Data - Managed Object Conformance Statements (MOCS) (new standard): 6/15/2001

## WELDING AND CUTTING

ANSI/AWS F3.2M/F3.2-2001, Ventilation Guide for Weld Fume (new standard): 6/15/2001



**WIRE AND CABLE, ELECTRIC**

ANSI/ICEA S-76-474-2000, Neutral-Supported Power Cable Assemblies with Weather-Resistant Extruded Insulation Rated 600 Volts (new standard): 6/20/2001  
 ANSI/ICEA S-94-649-2000, Concentric Neutral Cables Rated 5,000 - 46,000 Volts (revision of ANSI/ICEA S-94-649-1997): 6/20/2001

## Withdrawn Standard

**IMAGING TECHNOLOGY**

ANSI/PIMA IT9.11-1998, Imaging Media - Processed Safety Photographic Films - Storage (withdrawal of ANSI/PIMA IT9.11-1998): 6/12/2001

## ASTM Standards

**ACOUSTICS**

ANSI/ASTM C634-01, Terminology Relating to Environmental Acoustics (revision of ANSI/ASTM C634-00): 6/10/2001

**CHEMICALS**

ANSI/ASTM D3873-01, Test Method for Valency State of the Arsenic Component of Ammoniacal Copper Arsenate Solutions (revision of ANSI/ASTM D3873-95): 6/19/2001

**CHROMATOGRAPHY**

ANSI/ASTM D2887-01, Test Method for Boiling Range Distribution of Petroleum Fractions by Gas Chromatography (revision of ANSI/ASTM D2887-99): 6/5/2001

**COOLANTS**

ANSI/ASTM D3306-01, Specification for Glycol Base Engine Coolant for Automobile and Light-Duty Service (revision of ANSI/ASTM D3306-00A): 6/19/2001

**ENGINES**

ANSI/ASTM D6660-01, Test Method for Freezing Point of Aqueous Engine Coolants by Automatic Phase Transition Method (revision of ANSI/ASTM D4725-98): 6/19/2001

**FIRE HAZARDS**

- ANSI/ASTM E2061-01, Guide for Fire Hazard Assessment of Rail Transportation Vehicles (revision of ANSI/ASTM E2061-00): 7/3/2001

**FIRE TESTS**

ANSI/ASTM E2058-01, Methods of Test for Measurement of Synthetic Polymer Material Flammability Using a Fire Propagation Apparatus (revision of ANSI/ASTM E2058-95): 7/3/2001  
 ANSI/ASTM E1725-95 (R01), Test Methods for Fire Tests of Fire Resistive Barrier Systems for Electrical System Components (reaffirmation of ANSI/ASTM E1725-95): 7/3/2001

**FITTINGS, FLANGES AND VALVES**

ANSI/ASTM F2098-01, Test Method for Stainless Steel Clamps for Securing SDR9 Cross-Linked Polyethylene (PEX) Tubing to Metal Insert Fittings (new standard): 6/19/2001

**FOOD EQUIPMENT**

ANSI/ASTM F1521-96 (R01), Test Methods for Performance of Range Tops (reaffirmation of ANSI/ASTM F1521-96): 6/19/2001

ANSI/ASTM F1605-95 (R01), Test Method for Performance of Double-Sided Griddles (reaffirmation of ANSI/ASTM F1605-95): 6/19/2001  
 ANSI/ASTM F2093-01, Test Method for the Performance of Rack Ovens (new standard): 6/19/2001

**FUELS**

ANSI/ASTM D2699-01, Test Method for Research Octane Number of Spark-Ignition Engine Fuel (revision of ANSI/ASTM D2699-99): 6/5/2001  
 ANSI/ASTM D2700-01, Test Method for Motor Octane Number of Spark-Ignition Engine Fuel (revision of ANSI/ASTM D2700-00): 6/5/2001  
 ANSI/ASTM D6021-96 (R01), Test Method for the Measurement of Total Hydrogen Sulfide in Residual Fuels by Multiple Headspace Extraction and Sulfur Specific Detection (reaffirmation of ANSI/ASTM D6021-96): 6/5/2001

**FUELS, AVIATION**

ANSI/ASTM D2392-96 (R01), Test Method for Color of Dyed Aviation Gasolines (reaffirmation of ANSI/ASTM D2392-96): 6/5/2001

**GASES, LIQUEFIED PETROLEUM**

ANSI/ASTM D1267-95 (R01), Test Method for Gage Vapor Pressure of Liquefied Petroleum (LP) Gases (LP-Gas Method) (reaffirmation of ANSI/ASTM D1267-95): 6/5/2001  
 ANSI/ASTM D1838-91 (R01), Test Method for Copper Strip Corrosion by Liquefied Petroleum (LP) Gases (reaffirmation of ANSI/ASTM D1838-91): 6/5/2001  
 ANSI/ASTM D2420-96 (R01), Test Method for Hydrogen Sulfide in Liquefied Petroleum (LP) Gases (Lead Acetate Method) (reaffirmation of ANSI/ASTM D2420-96): 6/5/2001

**GASOLINE**

ANSI/ASTM D3831-01, Test Method for Manganese in Gasoline by Atomic Absorption Spectrometry (revision of ANSI/ASTM D3831-98): 6/5/2001

**HYDRAULIC FLUID**

ANSI/ASTM D5621-01, Test Method for Sonic Shear Stability of Hydraulic Fluid (revision of ANSI/ASTM D5621-94): 6/5/2001

**LUBRICANTS**

ANSI/ASTM D1367-96 (R01), Test Method for Lubricating Qualities of Graphites (reaffirmation of ANSI/ASTM D1367-96): 6/5/2001

**LUBRICATING GREASES**

ANSI/ASTM D3704-96 (R01), Test Method for Wear Preventive Properties of Lubricating Greases Using the (Falex) Block on Ring Test Machine in Oscillating Motion (reaffirmation of ANSI/ASTM D3704-96): 6/5/2001

**METAL PRODUCTS**

ANSI/ASTM E23-01, Test Methods for Notched Bar Impact Testing of Metallic Materials (revision of ANSI/ASTM E23-00): 6/19/2010

**MOLDING AND EXTRUSION**

ANSI/ASTM D2581-01, Specification for Polybutylene (PB) Plastics Molding and Extrusion Materials (revision of ANSI/ASTM D2581-96): 6/10/2001

**OILS**

ANSI/ASTM D2007-01, Test Method for Characteristic Groups in Rubber Extender and Processing Oils and Other Petroleum Derived Oils by the Clay Gel Absorption Chromatographic Method (revision of ANSI/ASTM D2007-98): 6/5/2001

- ANSI/ASTM D4485-01, Specification for Performance of Engine Oils (revision of ANSI/ASTM D4485-00): 6/5/2001
- ANSI/ASTM D5184-01, Test Method for the Determination of Aluminum and Silicon in Fuel Oils by Ashing, Fusion, Inductively-Coupled Plasma Atomic Emission Spectrometry and Atomic Absorption Spectrometry (revision of ANSI/ASTM D5184-91): 6/5/2001
- ANSI/ASTM D2070-91 (R01), Test Method for Thermal Stability of Hydraulic Oils (reaffirmation of ANSI/ASTM D2070-91 (R96)): 6/5/2001

## OVENS

- ANSI/ASTM F2092-01, Specification for Convection Oven Gas or Electric (new standard): 6/19/2001
- ANSI/ASTM F1639-95 (R01), Test Method for Performance of Combination Ovens (reaffirmation of ANSI/ASTM F1639-95): 6/19/2001

## PETROLEUM

- ANSI/ASTM D6667-01, Test Method for Determination of Total Volatile Sulfur in Gaseous Hydrocarbons and Liquefied Petroleum Gases by Ultraviolet Fluorescence (new standard): 6/5/2001

## PETROLEUM PRODUCTS

- ANSI/ASTM D86-01, Test Method for Distillation of Petroleum Products at Atmospheric Pressure (revision of ANSI/ASTM D86-00A): 6/5/2001
- ANSI/ASTM D611-01, Test Methods for Aniline Point and Mixed Aniline Point of Petroleum Products and Hydrocarbon Solvents (revision of ANSI/ASTM D611-82(R1998)): 6/5/2001
- ANSI/ASTM D5190-01, Test Method for Vapor Pressure of Petroleum Products Automatic Method (revision of ANSI/ASTM D5190-98): 6/5/2001
- ANSI/ASTM D5191-01, Test Method for Vapor Pressure of Petroleum Products Mini Method (revision of ANSI/ASTM D5191-98): 6/5/2001
- ANSI/ASTM D5482-01, Test Method for Vapor Pressure of Petroleum Products Mini Method Atmospheric (revision of ANSI/ASTM D5482-98): 6/5/2001
- ANSI/ASTM D5762-01, Test Method for Nitrogen in Petroleum and Petroleum Products by Boat-Inlet Chemiluminescence (revision of ANSI/ASTM D5762-98): 6/5/2001

## PIPE

- ANSI/ASTM F1281-01, Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-Al-PEX) Pressure Pipe (revision of ANSI/ASTM F1281-01): 6/19/2001
- ANSI/ASTM F1282-01, Specification for Polyethylene/Aluminum/Polyethylene (PE-Al-PE) Composite Pressure Pipe (revision of ANSI/ASTM F1282-01): 6/19/2001
- ANSI/ASTM F1741-01, Practice for Installation of Machine Spiral Wound Poly Vinyl Chloride (PVC) Liner Pipe for Rehabilitation of Existing Sewers and Conduits (revision of ANSI/ASTM F1741): 6/19/2001
- ANSI/ASTM D2105-01, Test Method for Longitudinal Tensile Properties of "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe and Tube (revision of ANSI/ASTM D2105-97): 6/10/2001
- ANSI/ASTM D2310-01, Classification for Machine-Made Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe (revision of ANSI/ASTM D2310-97): 6/10/2001
- ANSI/ASTM D2925-01, Test Method for Beam Deflection of "Fiberglass" (Glass-Fiber-Reinforced Thermosetting Resin) Pipe Under Full Bore Flow (revision of ANSI/ASTM D2925-00): 6/10/2001
- ANSI/ASTM D2992-01, Practice for Obtaining Hydrostatic or Pressure Design Basis for "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe and Fittings (revision of ANSI/ASTM D2992-96): 6/10/2001
- ANSI/ASTM D2996-01, Specification for Filament-Wound "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe (revision of ANSI/ASTM D2996-00): 6/10/2001
- ANSI/ASTM D2997-01, Specification for Centrifugally Cast "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe (revision of ANSI/ASTM D2997-99): 6/10/2001
- ANSI/ASTM D3262-01, Specification for "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Sewer Pipe (revision of ANSI/ASTM D3262-96): 6/10/2001

- ANSI/ASTM D3517-01, Specification for "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pressure Pipe (revision of ANSI/ASTM D3517-96): 6/10/2001
- ANSI/ASTM D3681-01, Test Method for Chemical Resistance of "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe in a Deflected Condition (revision of ANSI/ASTM D3681-96): 6/10/2001
- ANSI/ASTM D3754-01, Specification for "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Sewer and Industrial Pressure Pipe (revision of ANSI/ASTM D3754-96): 6/10/2001

## PIPE AND FITTING, PLASTIC

- ANSI/ASTM D5685-01, Specification for "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pressure Pipe Fittings (revision of ANSI/ASTM D5685-95): 6/10/2001

## PIPE AND FITTINGS, PLASTIC

- ANSI/ASTM F438-01, Specification for Socket-Type Chlorinated Poly Vinyl Chloride (CPVC) Plastic Pipe Fittings, Schedule 40 (revision of ANSI/ASTM F438-99): 6/19/2001
- ANSI/ASTM F439-01, Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 (revision of ANSI/ASTM F439-99A): 6/19/2001
- ANSI/ASTM F810-01, Specification for Smoothwall Polyethylene (PE) Pipe for Use in Drainage and Waste Disposal Absorption Fields (revision of ANSI/ASTM F810-99): 6/19/2001
- ANSI/ASTM F913-01, Specification for Thermoplastic Elastomeric Seals (Gaskets) for Joining Plastic Pipe (revision of ANSI/ASTM F913-95): 6/19/2001
- ANSI/ASTM F1336-01, Specification for Poly Vinyl Chloride (PVC) Gasketed Sewer Fittings (revision of ANSI/ASTM F1336-00): 6/19/2001
- ANSI/ASTM F1412-01, Specification for Polyolefin Pipe and Fittings for Corrosive Waste Drainage Systems (revision of ANSI/ASTM F1412-00): 6/19/2001
- ANSI/ASTM F1473-01, Test Method for Notch Tensile Test to Measure the Resistance to Slow Crack Growth of Polyethylene Pipes and Resins (revision of ANSI/ASTM F1473): 6/19/2001
- ANSI/ASTM F1563-01, Specification for Tools to Squeeze-Off Polyethylene (PE) Gas Pipe or Tubing (revision of ANSI/ASTM F1563): 6/19/2001
- ANSI/ASTM F1697-01, Specification for Poly(Vinyl Chloride) (PVC) Profile Strip for Machine Spiral Wound Liner Pipe Rehabilitation of Existing Sewers and Conduits (revision of ANSI/ASTM F1697-01): 6/19/2001
- ANSI/ASTM F1760-01, Specification for Coextruded Poly(Vinyl Chloride) (PVC) Non-Pressure Plastic Pipe Having Reprocessed-Recycled Content (revision of ANSI/ASTM F1760-97): 6/19/2001
- ANSI/ASTM F1974-01, Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure Pipe (revision of ANSI/ASTM F1974): 6/19/2001
- ANSI/ASTM D2235-01, Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings (revision of ANSI/ASTM D2235): 6/19/2001
- ANSI/ASTM D2466-01, Specification for Poly Vinyl Chloride PVC Plastic Pipe Fittings, Schedule 40 (revision of ANSI/ASTM D2466-99): 6/19/2001
- ANSI/ASTM D2467-01, Specification for Poly Vinyl Chloride PVC Plastic Pipe Fittings, Schedule 80 (revision of ANSI/ASTM D2467-99): 6/19/2001
- ANSI/ASTM D2513-01, Specification for Thermoplastic Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513-00): 6/19/2001
- ANSI/ASTM D2774-01, Practice for Underground Installation of Thermoplastic Pressure Piping (revision of ANSI/ASTM D2774-94): 6/19/2001
- ANSI/ASTM D3840-01, Specification for "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe Fittings for Nonpressure Applications (revision of ANSI/ASTM D3840-99): 6/10/2001
- ANSI/ASTM D4161-01, Specification for "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe Joints Using Flexible Elastomeric Seals (revision of ANSI/ASTM D4161): 6/10/2001

ANSI/ASTM F512-95 (R01), Specification for Smooth-Wall Poly(VinylChloride) (PVC) Conduit and Fittings for Underground Installation (reaffirmation of ANSI/ASTM F512-95): 6/19/2001

ANSI/ASTM F1474-98 (R01), Test Method for Slow Crack Growth Resistance of Notched Polyethylene Plastic Pipe (reaffirmation of ANSI/ASTM F1474-98): 6/19/2001

#### PIPING AND PIPING SYSTEMS

ANSI/ASTM F412-01, Terminology Relating to Plastic Piping Systems (revision of ANSI/ASTM F412-00): 6/19/2001

ANSI/ASTM F948-94 (R01), Test Method for Time-To-Failure of Plastic Piping Systems and Components Under Constant Internal Pressure with Flow (reaffirmation of ANSI/ASTM F948-94): 6/19/2001

#### PLASTICS

ANSI/ASTM D1693-01, Test Method for Environmental Stress-Cracking of Ethylene Plastics (revision of ANSI/ASTM D1693-00): 6/10/2001

ANSI/ASTM F1970-01, Specification for Special Engineered Fittings or Appurtenances for Use in Poly Vinyl Chloride (PVC) or Chlorinated Poly Vinyl Chloride (CPVC) Systems (revision of ANSI/ASTM F1970-99): 6/19/2001

ANSI/ASTM D4635-01, Specification for Polyethylene Films Made from Low-Density Polyethylene for General Use and Packaging Applications (revision of ANSI/ASTM D4635-95): 6/10/2001

ANSI/ASTM D5227-01, Test Method for the Measurement of Hexane Extractable Content of Polyolefins (revision of ANSI/ASTM D5227-95): 6/10/2001

ANSI/ASTM D6691-01, Test Method for Determining Aerobic Biodegradation of Plastic Materials in the Marine Environment by a Defined Microbial Consortium (new standard): 6/10/2001

ANSI/ASTM D6692-01, Test Method for Determining the Biodegradability of Radiolabeled Polymeric Plastic Materials in Seawater (new standard): 6/10/2001

ANSI/ASTM D1929-96 (R01), Test Method for Ignition Properties of Plastics (reaffirmation of ANSI/ASTM D1929-96): 6/10/2001

ANSI/ASTM D4801-95 (R01), Specification for Polyethylene Sheeting in Thickness of 0.25 mm (0.010 in) and Greater (reaffirmation of ANSI/ASTM D4801-95): 6/10/2001

#### PLASTICS TESTING

ANSI/ASTM D2463-95 (R01), Test Method for Drop Impact Resistance of Blow-Molded Thermoplastic Containers (reaffirmation of ANSI/ASTM D2463-95): 6/10/2001

ANSI/ASTM D2561-95 (R01), Test Method for Environmental Stress-Crack Resistance of Blow-Molded Polyethylene Containers (reaffirmation of ANSI/ASTM D2561-95): 6/10/2001

ANSI/ASTM D2765-01, Test Methods for Determination of Gel Content and Swell Ratio of Crosslinked Ethylene Plastics (revision of ANSI/ASTM D2765-95): 6/10/2001

ANSI/ASTM D2924-01, Test Method for External Pressure Resistance of Fiberglass (revision of ANSI/ASTM D2924-99): 6/10/2001

ANSI/ASTM D3575-01, Test Methods for Flexible Cellular Materials Made from Olefin Polymers (revision of ANSI/ASTM D3575-00): 6/10/2001

#### POLES

ANSI/ASTM D4064-01, Practice for Preservative Treatment of Utility Poles by the Thermal Process (revision of ANSI/ASTM D4064): 6/19/2001

#### POLYMERS

ANSI/ASTM D2857-95 (R01), Test Method for Dilute Solution Viscosity of Polymers (reaffirmation of ANSI/ASTM D2857-95): 6/10/2001

ANSI/ASTM D4591-01, Test Method for Determining Temperatures and Heats of Transitions of Fluoropolymers by Differential Scanning Calorimetry (revision of ANSI/ASTM D4591): 6/10/2001

ANSI/ASTM D6666-01, Guide for Evaluation of Aqueous Polymer Quenchants (new standard): 6/5/2001

#### PROPANE

ANSI/ASTM D2713-01, Test Method for Dryness of Propane (Valve Freeze Method) (reaffirmation of ANSI/ASTM D2713-91): 6/5/2001

#### STEEL

ANSI/ASTM A131/A131M-01, Specification for Structural Steel for Ships (revision of ANSI/ASTM A131/a131m-94): 6/10/2001

ANSI/ASTM A632-01, Specification for Seamless and Welded Austenitic Stainless Steel Tubing Small-Diameter for General Service (revision of ANSI/ASTM A632-98): 5/10/2001

#### TANKS

ANSI/ASTM D4097-01, Specification for Contact-Molded Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks (revision of ANSI/ASTM D4097-95a): 6/10/2001

#### TESTING

- ANSI/ASTM D56-01, Test Method for Flash Point by Tag Closed Tester (revision of ANSI/ASTM D56-00): 6/5/2001

- ANSI/ASTM D4737-96A (R01), Test Method for Calculated Cetane Index by Four Variable Equation (reaffirmation of ANSI/ASTM D4737-96A): 6/5/2001

- ANSI/ASTM D6668-01, Test Method for Discrimination Between Flammability Ratings of F = 0 and F = 1 (new standard): 6/5/2001

#### TUBES AND TUBING

ANSI/ASTM A1020-01, Specification for Steel Tubes, Carbon and Carbon Manganese, Fusion Welded, for Boiler, Superheater, Heat Exchanger and Condenser Applications (new standard): 6/10/2001

#### VISCOSITY

ANSI/ASTM D4486-91 (R01), Test Method for Kinematic Viscosity of Volatile and Reactive Liquids (reaffirmation of ANSI/ASTM D4486-91 (R1996)): 6/5/2001

#### WASTE TREATMENT

ANSI/ASTM D5761-96 (R01), Practice for the Emulsification/Suspension of Multiphase Fluid Waste Materials (reaffirmation of ANSI/ASTM D5761-96): 6/5/2001

#### WOOD PRODUCTS

ANSI/ASTM D1760-01, Specification for Pressure Treatment of Timber Products (revision of ANSI/ASTM D1760-96): 6/19/2001

## ASTM Standards Withdrawn

#### PIPE AND FITTINGS, PLASTIC

ANSI/ASTM F545-95, Specification for PVC and ABS Injected Solvent Cemented Plastic Pipe Joints (withdrawal of ANSI/ASTM F545-95): 6/19/2001

#### PLASTICS

ANSI/ASTM D3015-95 (R01), Practice for Microscopical Examination of Pigment Dispersion in Plastic Compounds (withdrawal of ANSI/ASTM D3015-95): 6/10/2001





# 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

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## ISO Draft Standards

### ACOUSTICS (TC 43)

ISO/DIS 7235, Acoustics - Laboratory measurement procedures for ducted silencers and air-terminal units - Insertion loss, flow noise and total pressure loss - 9/22/2001, \$105.00

### AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 10540-3, Animal and vegetable fats and oils - Determination of phosphorus content - Part 3: Method using inductively coupled plasma optical emission spectroscopy (ICP) - 9/22/2001, \$38.00

### BIOLOGICAL EVALUATION OF MEDICAL AND DENTAL MATERIALS AND DEVICES (TC 194)

ISO/DIS 14155-2, Clinical investigation of medical devices in humans - Part 2: Clinical investigation plan - 9/8/2001, \$46.00

### CHEMISTRY (TC 47)

ISO/DIS 6257, Carbonaceous materials used in the production of aluminium - Pitch for electrodes - Sampling - 9/15/2001, \$72.00

### COMPRESSORS, PNEUMATIC TOOLS AND PNEUMATIC MACHINES (TC 118)

ISO/DIS 8573-7, Compressed air - Part 7: Determination of viable microbiological particle content - 9/29/2001, \$42.00

### DENTISTRY (TC 106)

ISO/DIS 14801, Dental implants - Dynamic continuous fatigue test - 9/22/2001, \$42.00

### GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO/DIS 19107, Geographic information - Spatial schema - 9/22/2001, \$152.00

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

ISO/DIS 10422, Petroleum and natural gas industries - Threading, gauging and thread inspection of casing, tubing and line pipe - 9/22/2001, \$152.00

ISO/DIS 13625, Petroleum and natural gas industries - Drilling and production equipment - Design, rating, manufacturing and testing of marine drilling riser couplings - 9/29/2001, \$72.00

### NUCLEAR ENERGY (TC 85)

ISO/DIS 11929-5, Determination of the detection limit and decision threshold for ionizing radiation measurements - Part 5: Fundamentals and applications to counting measurements on filters during accumulation of radioactive material - 9/15/2001, \$72.00

ISO/DIS 11929-6, Determination of the detection limit and decision threshold for ionizing radiation measurements - Part 6: Fundamentals and applications to measurements by use of transient mode - 9/15/2001, \$62.00

ISO/DIS 11929-7, Determination of the detection limit and decision threshold for ionizing radiation measurements - Part 7: Fundamentals and general applications - 9/15/2001, \$68.00

ISO/DIS 11929-8, Determination of the detection limit and decision threshold for ionizing radiation measurements - Part 8: Fundamentals and application to unfolding of spectrometric measurements without the influence of sample treatment - 9/15/2001, \$72.00

### ROAD VEHICLES (TC 22)

ISO/DIS 12353-2, Road vehicles - Traffic accident analysis - Part 2: Guidelines for the use of impact severity measures - 9/29/2001, \$68.00

### RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 4659, Rubber, styrene-butadiene (carbon black or carbon black and oil masterbatches) - Evaluation procedure - 9/15/2001, \$46.00

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

ISO/DIS 15075, Transport information and control systems - In-vehicle navigation systems - Communications message set requirements - 9/15/2001, \$72.00

### WATER QUALITY (TC 147)

ISO/DIS 15681-1, Water quality - Determination of orthophosphate and total phosphorus contents by flow analysis (FIA and CFA) - Part 1: Method by flow injection analysis (FIA) - 9/22/2001, \$68.00

ISO/DIS 15681-2, Water quality - Determination of orthophosphate and total phosphorus contents by flow analysis (FIA and CFA) - Part 2: Method by continuous flow analysis (CFA) - 9/22/2001, \$62.00

### WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 17633, Welding consumables - Tubular cored electrodes and rods for arc welding with or without gas shield of stainless and heat resisting steels - Classification - 9/15/2001, \$72.00

ISO/DIS 17643, Non-destructive testing of welds - Eddy current examination of welds by complex plane analysis - 9/22/2001, \$68.00



# Newly published IEC Standards

Listed here are new and revised standards recently approved and promulgated by 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. **(Some newly published IEC documents may be available on the ANSI ESS.)**

## AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)

- IEC 61834-1 Ed. 1.1 b:2001, Recording - Helical-scan digital video cassette recording system using 6,35 mm magnetic tape for consumer use (525-60, 625-50, 1125-60 and 1250-50 systems) - Part 1: General specifications, \$116.00
- IEC 61834-8 Ed. 1.0 b:2001, Recording - Helical-scan digital video cassette recording system using 6,35 mm magnetic tape for consumer use (525-60, 625-50, 1125-60 and 1250-50 systems) - Part 8: PALplus format for the 625-50 system, \$32.00

## CABLES, WIRES, WAVEGUIDES, R.F. CONNECTORS, AND ACCESSORIES FOR COMMUNICATION AND SIGNALLING (TC 46)

- IEC 61156-2 Amd.2 Ed. 1.0 b:2001, Amendment 2, \$17.00
- IEC 61156-2-1 Ed. 1.2 b:2001, Multicore and symmetrical pair/quad cables for digital communications - Part 2-1: Horizontal floor wiring - Blank detail specification, \$24.00
- IEC 61156-3 Amd.2 Ed. 1.0 b:2001, Amendment 2, \$17.00
- IEC 61156-3-1 Ed. 1.2 b:2001, Multicore and symmetrical pair/quad cables for digital communications - Part 3-1: Work area wiring - Blank detail specification, \$24.00
- IEC 61156-4 Amd.2 Ed. 1.0 b:2001, Amendment 2, \$17.00
- IEC 61156-4-1 Ed. 1.2 b:2001, Multicore and symmetrical pair/quad cables for digital communications - Part 4-1: Riser cables - Blank detail specification, \$24.00
- IEC 62037 Ed. 1.0 b:1999, RF connectors, connector cable assemblies, and cables - Intermodulation level measurement, \$28.00
- IEC/PAS 62255-1 Ed. 1.0 en:2001, Multi-pair cables used in high bit rate digital access telecommunication networks - Part 1: Outdoor cables, \$19.00

## DESIGN AUTOMATION (TC 93)

- IEC 61691-2 Ed. 1.0 en:2001, Behavioural languages - Part 2: VHDL multilogic system for model interoperability, \$32.00
- IEC 61691-3-2 Ed. 1.0 en:2001, Behavioural languages - Part 3-2: Mathematical operation in VHDL, \$49.00
- IEC 61691-3-3 Ed. 1.0 en:2001, Behavioural languages - Part 3-3: Synthesis in VHDL, \$60.00

## DOCUMENTATION AND GRAPHICAL SYMBOLS (TC 3)

- IEC 80416-1 Ed. 1.0 b:2001, Basic principles for graphical symbols for use on equipment - Part 1: Creation of symbol originals, \$40.00

## ELECTRIC CABLES (TC 20)

- IEC 60227-6 Ed. 3.0 b:2001, Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 6: Lift cables and cables for flexible connections, \$49.00

## ELECTRICAL ACCESSORIES (TC 23)

- IEC 60320-1 Ed. 2.0 b:2001, Appliance couplers for household and similar general purposes - Part 1: General requirements, \$146.00
- IEC 62080 Ed. 1.0 b:2001, Sound signalling devices for household and similar purposes, \$133.00

## ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

- IEC 60601-2-44 Ed. 2.0 en:2001, Medical electrical equipment - Part 2-44: Particular requirements for the safety of X-ray equipment for computed tomography, \$45.00

## ELECTRICAL INSTALLATIONS OF SHIPS AND OF MOBILE AND FIXED OFFSHORE UNITS (TC 18)

- IEC 60092-350 Ed. 2.0 en:2001, Electrical installations in ships - Part 350: Shipboard power cables - General construction and test requirements, \$55.00

## ELECTROACOUSTICS (TC 29)

- IEC 60645-1 Ed. 2.0 b:2001, Electroacoustics - Audiovisual Equipment - Part 1: Pure-tone audiometers, \$70.00

## ELECTROMAGNETIC COMPATIBILITY (TC 77)

- IEC 61000-1-2 TR2 Ed. 1.0 b:2001, Electromagnetic compatibility (EMC) - Part 1-2: General - Methodology for the achievement of the functional safety of electrical and electronic equipment with regard to electromagnetic phenomena, \$99.00

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

- IEC 60512-23-4 Ed. 1.0 b:2001, Connectors for electronic equipment - Tests and measurements - Part 23-4: Screening and filtering tests - Test 23d: Transmission line reflections in the time domain, \$36.00
- IEC 61076-1 Amd.2 Ed. 1.0 b:2001, Amendment 2, \$15.00
- IEC 61969-3 Ed. 1.0 b:2001, Mechanical structures for electronic equipment - Outdoor enclosures - Part 3: Sectional specification - Climatic, mechanical tests and safety aspects for cabinets and cases, \$25.00
- IEC 61984 Ed. 1.0 b:2001, Connectors - Safety requirements and tests, \$78.00
- IEC/PAS 61076-4-115 Ed. 1.0 en:2001, Connectors for electronic equipment - Part 4-115: Printed board connectors - Detail specification for a single-part hybrid connector, with a section of high-speed differential pair connections, and a section of low-speed, power and ground connections between printed boards and backplanes, in accordance with IEC 60917, \$70.00

## FUSES (TC 32)

- IEC 60269-3-1 Ed. 1.2 b:2001, Low-voltage fuses - Part 3-1: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications) - Sections I to IV, \$150.00

## HIGH-VOLTAGE TESTING TECHNIQUES (TC 42)

- IEC 61083-1 Ed. 2.0 b:2001, Instruments and software used for measurement in high-voltage impulse tests - Part 1: Requirements for instruments, \$70.00

## INDUSTRIAL ELECTROHEATING EQUIPMENT (TC 27)

- IEC 62157 TR3 Ed. 1.0 en:2001, Cylindrical machined carbon electrodes - Nominal dimensions, \$17.00

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

- IEC 62098 TR2 Ed. 1.0 b:2000, Evaluation methods for microprocessor-based instruments, \$78.00

## MAGNETIC COMPONENTS AND FERRITE MATERIALS (TC 51)

- IEC 61631 Ed. 1.0 en:2001, Test method for the mechanical strength of cores made of magnetic oxides, \$19.00

### **MEASURING EQUIPMENT FOR ELECTROMAGNETIC QUANTITIES (TC 85)**

IEC 60688 Amd.2 Ed. 2.0 b:2001, Amendment 2, \$18.00

### **NUCLEAR INSTRUMENTATION (TC 45)**

IEC 61563 Ed. 1.0 b:2001, Radiation protection instrumentation - Equipment for measuring specific activity of gamma-emitting radionuclides in foodstuffs, \$55.00

IEC 61584 Ed. 1.0 b:2001, Radiation protection instrumentation - Installed, portable or transportable assemblies - Measurement of air kerma direction and air kerma rate, \$70.00

IEC 62088 Ed. 1.0 b:2001, Nuclear instrumentation - Photodiodes for scintillation detectors - Test procedures, \$45.00

IEC 62089 Ed. 1.0 b:2001, Nuclear instrumentation - Calibration and usage of alpha/beta gas proportional counters, \$70.00

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

IEC 61334-5-4 TR2 Ed. 1.0 en:2001, Distribution automation using distribution line carrier systems - Part 5-4: Lower layer profiles - Multi-carrier modulation (MCM) profile, \$49.00

### **PRINTED CIRCUITS (TC 52)**

IEC 61249-2-12 Ed. 1.0 b:1999, Materials for printed boards and other interconnecting structures - Part 2-12: Sectional specification set for reinforced base materials, clad and unclad - Epoxy non-woven aramid laminate of defined flammability, copper-clad, \$40.00

IEC 61249-2-13 Ed. 1.0 b:1999, Materials for printed boards and other interconnecting structures - Part 2-13: Sectional specification set for reinforced base materials, clad and unclad - Cyanate ester non-woven aramid laminate of defined flammability, copper-clad, \$36.00

IEC 61249-3-3 Ed. 1.0 b:1999, Materials for printed boards and other interconnecting structures - Part 3-3: Sectional specification set for unreinforced base materials, clad and unclad (intended for flexible printed boards) - Adhesive coated flexible polyester film, \$32.00

IEC 61249-3-4 Ed. 1.0 b:1999, Materials for printed boards and other interconnecting structures - Part 3-4: Sectional specification set for unreinforced base materials, clad and unclad (intended for flexible printed boards) - Adhesive coated flexible polyimide film, \$36.00

IEC 61249-3-5 Ed. 1.0 b:1999, Materials for printed boards and other interconnecting structures - Part 3-5: Sectional specification set for unreinforced base materials, clad and unclad (intended for flexible printed boards) - Transfer adhesive films, \$32.00

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

IEC 61982-3 Ed. 1.0 b:2001, Secondary batteries for the propulsion of electric road vehicles - Part 3: Performance and life testing (traffic compatible, urban use vehicles), \$36.00

### **SEMICONDUCTOR DEVICES (TC 47)**

IEC 60191-2 Amd.2 Ed. 1.0 b:2001, Amendment 2, \$21.00

IEC 60747-14-3 Ed. 1.0 en:2001, Semiconductor devices - Part 14-3: Semiconductor sensors - Pressure sensors, \$25.00

### **SMALL POWER TRANSFORMERS AND REACTORS AND SPECIAL TRANSFORMERS AND REACTORS (TC 96)**

IEC 61558-2-12 Ed. 1.0 b:2001, Safety of power transformers, power supply units and similar devices - Part 2-12: Particular requirements for constant voltage transformers, \$49.00

### **SURFACE MOUNTING TECHNOLOGY (TC 91)**

IEC 60068-2-21 Ed. 5.0 b:2001, Environmental testing - Part 2-21: Tests - Test U: Robustness of terminations and integral mounting devices, \$62.00

### **WINDTURBINE GENERATOR SYSTEMS (TC 88)**

IEC 61400-13 TR2 Ed. 1.0 en:2001, Wind turbine generator systems - Part 13: Measurement of mechanical loads, \$70.00



# 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.

#### CEMENT

- prEN 197-3, Cement - Part 3: Composition, specifications and conformity criteria for low heat common cements - November 7, 2001, \$78.00
- prEN 14216, Cement - Composition, specifications and conformity criteria for massive concrete low heat cements - November 7, 2001, \$92.00
- prEN 14217, Cement - Composition, specifications and conformity criteria for low early strength low heat cements - November 7, 2001, \$84.00
- prEN 14227-1, Unbound and hydraulically bound mixtures - Specifications - Part 1: Cement bound mixtures for road bases and subases - November 7, 2001, \$92.00
- prEN 14227-2, Unbound and hydraulically bound mixtures - Specifications - Part 2: Slag Bound Mixtures - Definitions, composition, classification - November 7, 2001, \$72.00
- prEN 14227-3, Unbound and hydraulically bound mixtures - Specifications - Part 3: Fly ash for bound mixtures - Definitions, composition, classification - November 7, 2001, \$72.00
- prEN 14227-4, Unbound and hydraulically bound mixtures - Specifications - Part 4: Fly ash for hydraulically bound mixtures - Definitions, composition, classification - November 7, 2001, \$36.00

#### EMISSIONS

- prEN 14181, Stationary source emissions - Quality assurance of automated measuring systems - November 7, 2001, \$120.00

#### MACHINERY

- prEN 1010-3, Safety of machinery - Safety requirements for the design and construction of printing and paper converting machines - Part 3: Cutting machines - November 14, 2001, \$84.00

#### MEDICAL DEVICES

- prEN ISO 14155-1, Clinical investigation of medical devices for human subjects - Part 1: General requirements (ISO/DIS 14155-1:2001) - October 7, 2001, \$28.00
- prEN ISO 14155-2, Clinical investigation of medical devices in humans - Part 2: Clinical investigation plan (ISO/DIS 14155-2:2001) - October 7, 2001, \$58.00

#### METALLIC MATERIALS

- prEN ISO 14577-1, Metallic materials - Instrumented indentation test for hardness and materials parameters - Part 1: Test method (ISO/DIS 14577-1:2001) - August 10, 2001, \$28.00
- prEN ISO 14577-2, Metallic materials - Instrumented indentation test for hardness and materials parameters - Part 2: Verification and calibration of testing machines (ISO/DIS 14577-2:2001) - August 10, 2001, \$28.00
- prEN ISO 14577-3, Metallic materials - Instrumented indentation test for hardness and materials parameters - Part 3: Calibration of reference blocks (ISO/DIS 14577-3:2001) - August 10, 2001, \$28.00

#### PAVING

- prEN 1344, Clay pavers - Requirements and test methods - September 7, 2001, \$120.00

#### STEEL

- prEN 10027-1 Review, Designation systems for steel - Part 1: Steel names - November 7, 2001, \$78.00

#### VALVES

- prEN 21787, Industrial valves - Globe valves of thermoplastic materials (ISO/DIS 21787:2001) - October 21, 2001, \$62.00
- prEN ISO 16135, Industrial valves - Diaphragm valves of thermoplastic materials (ISO/DIS 16135:2001) - October 21, 2001, \$62.00
- prEN ISO 16136, Industrial valves - Butterfly valves of thermoplastic materials (ISO/DIS 16136:2001) - October 21, 2001, \$62.00
- prEN ISO 16137, Industrial valves - Check valves of thermoplastic materials (ISO/DIS 16137:2001) - October 21, 2001, \$62.00

## VEHICLES

- EN 1645-1:1998/prA1, Leisure accommodation vehicles - Caravans - Part 1: Habitation requirements relating to health and safety - September 7, 2001, \$48.00
- EN 1646-1:1998/prA1, Leisure accommodation vehicles - Motor Caravans - Part 1: Habitation requirements relating to health and safety - September 7, 2001, \$48.00
- EN 1647:1998/prA2, Leisure accommodation vehicles - Caravan holiday homes - Habitation requirements relating to health and safety - September 7, 2001, \$48.00

## WELDING

- prEN 1598:1997/prA1, Health and safety in welding and allied processes - Transparent welding curtains, strips and screens for arc welding processes - September 7, 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.

## ADHESIVES

- prEN 1895, Adhesives for paper and board, packaging and disposable sanitary products - 180° - "T" peel test for a flexible-to-flexible assembly
- prEN 12092, Adhesives - Determination of viscosity
- prEN 12436, Adhesives for load-bearing timber structures - Casein adhesives - Classification and performance requirements

## BUILDING HARDWARE

- prEN 1906, Building hardware - Lever handles and knobs - Requirements and tests methods

## CONVEYOR BELTS

- prEN 12882, Conveyor belts for general purpose use - Electrical and flammability safety requirements

## EMISSIONS

- prEN 13284-1, Stationary source emissions - Determination of low range mass concentration of dust - Part 1: Manual gravimetric method

## FOODSTUFFS

- prENV 14164, Foodstuffs - Determination of vitamin B6 by HPLC

## FOOTWEAR

- prEN 13512, Footwear - Test methods for uppers and lining - Flex resistance
- prEN 13514, Footwear - Test methods for uppers - Delamination resistance
- prEN 13519, Footwear - Test methods for uppers - High temperature behaviour
- prEN 13521, Footwear - Test methods for uppers, lining and insoles - Thermal insulation

## GAS CYLINDERS

- prEN 12245, Transportable gas cylinders - Fully wrapped composite cylinders
- prEN 12818, Inspection and requalification of LPG tanks less than 13 m<sup>3</sup> underground
- prEN 13152, Specification and testing of LPG - Cylinder valves - Self-closing
- prEN 13153, Specification and testing off LPG cylinder valves - Manually operated

## HOISTS

- prEN 818-7, Short link chain for lifting purposes - Safety - Part 7: Fine tolerance chain for hoists, Grade T (Types T, DAT and DT)

## PROTECTIVE EQUIPMENT

- prEN ISO 14877, Protective clothing for abrasive blasting operations using granular abrasives (ISO/FDIS 14877:2001)

## SPORTING GOODS

- prEN 13484, Helmets for users of luges

## STEEL WIRE ROPES

- prEN 13411-1, Terminations for steel wire ropes - Safety - Part 1: General purpose steel thimbles

## SURFACING

- prEN 12271-3, Surface dressing - Specifications - Part 3: Rate of spread and accuracy of spread of binders and chippings
- prEN 12274-1, Slurry surfacing - Test method - Part 1: Sampling for binder extraction
- prEN 12272-1, Surface dressing - Test methods - Part 1: Rate of spread and accuracy of spread of binder and chippings

## WALL COVERINGS

- prEN 235 REVIEW, Wall coverings - Vocabulary and symbols

# 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) 642-4975.

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.

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## PUBLIC REVIEW

### ACSINTERNET

Public review: April 25, 2001 to July 24, 2001

### BTM

Public review: July 4, 2001 to October 2, 2001

### CIGNA

Organization: CIGNA Intellectual Property, Inc.  
1 Beaver Valley Road  
Wilmington, DE 19803  
Contact: Serge Beaulieu  
Email: serge.beaulieu@cigna.com

Public review: May 9, 2001 to August 7, 2001

### ELI

Public review: May 23, 2001 to August 21, 2001

### In-Q-Tel, Inc.

Organization: In-Q-Tel, Inc.  
1000 Wilson Blvd., Suite 2900  
Arlington, VA 22209  
Contact: Joshua Ryan Icore  
PHONE: 703-248-3021; FAX: 703-248-3001  
Email: network@in-q-tel.org

Public review: June 20, 2001 to September 18, 2001

### IEEE ITS DATA REGISTRY

Organization: IEEE  
445 Hoes Lane  
Piscataway, NJ 08854  
Contact: Bernard Wilder  
PHONE: 732-465-6581 - FAX: 732-562-1571  
Email: b.wilder@ieee.org

Public review: July 4, 2001 to October 2, 2001

### ONVOY

Organization: Onvoy, Inc.  
2728 University Avenue SE  
Minneapolis, MN 55414  
Contact: Reid Knuttila  
Email: reid.knuttila@onvoy.com

Public review: June 20, 2001 to September 18, 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.

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# 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

## Accredited Organizations

### Approval of Accreditation

#### National Concrete Masonry Association (NCMA)

The Executive Standards Council has approved the accreditation of the National Concrete Masonry Association (NCMA) under the Organization Method of developing consensus, effective June 19, 2001.

For additional information, please contact: Mr. Jeffrey H. Greenwald, P.E., Director of Research & Development, National Concrete Masonry Association, 2302 Horse Pen Road, Herndon, VA 20171; PHONE: (703) 713-1900; FAX: (703) 713-1910; E-mail: jgreenwald@ncma.org.

## ANSI-RAB National Accreditation Program for Quality Management Systems

### Notice of Removal

#### Registrar

#### AIB Registration Services

AIB Registration Services has been removed from the list of applicants, per RAB Advisory 22. The subject of this Advisory is: applicants for accreditation remaining on "active" status. All RAB Advisories are available on the RAB website at: [www.rabnet.com](http://www.rabnet.com).

## ANSI-RAB National Accreditation Program for Environmental Management Systems

### Notice of Removal

#### Registrar

#### DLS Quality Technology Associates and KPMG Quality Registrar

DLS Quality Technology Associates and KPMG Quality Registrar have been removed from the list of applicants, per RAB Advisory 22. The subject of this Advisory is: applicants for accreditation remaining on "active" status. All RAB Advisories are available on the RAB website at: [www.rabnet.com](http://www.rabnet.com).

## 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.

Air Movement and Control Association  
30 West University Drive  
Arlington Heights, IL 60004-1893  
(847) 394-0150  
(847) 253-0088

Contact: Tim Orris  
[torris@amca.org](mailto:torris@amca.org)

BSR/AMCA 500-D-97, Laboratory Methods for Testing Dampers for Ratings (new standard)

Association of Home Appliance Manufacturers  
1111 19<sup>th</sup> Street, MW  
Suite 402  
Washington, DC 20036  
(202) 872-5955, ext. 314  
(202) 872-9354

Contact: Gary Thibeault  
[gthibeault@aham.org](mailto:gthibeault@aham.org)

BSR/AHAM DH-1-1986 (R1982), Dehumidifiers (reaffirmation of ANSI/AHAM DH-1-1986)

National Spa and Pool Institute  
2111 Eisenhower Avenue  
Alexandria, VA 22314  
(703) 838-0083, ext. 150  
(703) 549-0493

Contact: Bernice Crenshaw  
[Bcrenshaw@nspi.org](mailto:Bcrenshaw@nspi.org)

BSR/NSPI 1, Public Pools (revision of ANSI/NSPI 1-1991)  
BSR/NSPI 5, Residential Inground Swimming Pools (revision of ANSI/NSPI 5-1995)  
BSR/NSPI 10, Public Swim Spas (new standard)  
BSR/NSPI 11 Residual Swim Spas (new standard)

Underwriters Laboratories, Inc.  
1285 Walt Whitman Road  
Melville, NY 11747-3081  
(516) 271-6200, ext. 22465  
(516) 439-6021

Contact: Helen Ketcham  
[Helen.W.Ketcham@us.ul.com](mailto:Helen.W.Ketcham@us.ul.com)

BSR/UL 2265, Standard for Safety for Replacement Fuel Cell Power Units for Appliances (new standard)

Underwriters Laboratories, Inc.  
12 Laboratory Drive  
Research Triangle Park, NC 27709-3995  
(919) 549-1400, ext. 11666  
(919) 547-6018

Contact: Carol Chudy  
[Carol.A.Chudy@us.ul.com](mailto:Carol.A.Chudy@us.ul.com)

BSR/UL 197-1991, Standard for Safety for Commercial Electrical Cooking Appliances (revision of ANSI/UL 197-1991)  
BSR/UL 2395, Standard for Safety for Insulation Adhesives (new standard)

The consensus bodies for BSR/UL 2265, BSR/UL 197-1991, and BSR/UL 2395 have been formed. Others interested in participating will be welcomed through Public Review.

## Meeting Notice

### 2001 NCSL International Workshop and Symposium

Join us in Washington, DC. July 29 - August 2, 2001 for our 40th Anniversary Celebration during our Annual Workshop & Symposium

Headquarters Hotel is the Washington Hilton and Towers (202) 483-3000 Toll Free 888-324-4586 (Group Name: NCSL)

Registration fee (April 21 - June 21): Member \$600, Non-Member \$750

Tutorial Program July 28, 29 and Aug 3, 2001 for more information go to [www.ncslinternational.org/conference/tutorial-2001.pdf](http://www.ncslinternational.org/conference/tutorial-2001.pdf)

For more Information please visit our web site at [www.ncslinternational.org/conference/](http://www.ncslinternational.org/conference/)

## 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](mailto:scarioti@atis.org)

BSR T1.401a (T1C1-01), Telecommunications - Network-to-Customer Installation Interfaces - Analog Voicegrade Switched-Access Lines Using Loop-Start and Ground-Start Signaling (supplement to )

BSR T1.416.02a (T1E1-29), Telecommunications - Network-to-Customer Installation Interfaces - Synchronous Optical NETWORK (SONET) Physical Media Dependent Specification: Single Mode Fiber (supplement to ANSI T1.416.02-1999)

### American Welding Society

**Office:** 550 N.W. LeJeune Road  
Miami, FL 33126

**Fax:** (305) 443-5951

**Contact:** Leonard Connor

**E-mail:** [lconnor@aws.org](mailto:lconnor@aws.org)

BSR/AWS D8.9M-97, Recommended Practices for Test Methods for Evaluating the Resistance Spot Welding Behavior of Automotive Sheet Steel Materials (revision and redesignation of ANSI/AWS/SAE D8.9-97)

### Association of Home Appliance Manufacturers

**Office:** 1111 19th Street N.W.  
Suite 402  
Washington, DC 20036

**Fax:** (202) 872-9354

**Contact:** Gary Thibeault

**E-mail:** [gthibeault@aham.org](mailto:gthibeault@aham.org)

BSR/AHAM DH-1-1986 (R1992), Dehumidifiers (reaffirmation of ANSI/AHAM DH-1-1986 (R1992))

### 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](mailto:al.callahan@csa-international.org)

BSR Z21.63b, Portable Type Gas Camp Heaters (same as CSA 11.3b) (supplement to ANSI Z21.63-1999 and BSR Z21.63b)

BSR Z21.72b, Portable Type Gas Camp Stoves (same as CSA 11.2b) (supplement to ANSI Z21.72-2000 and BSR Z21.72a)

BSR Z21.73b, Portable Type Gas Camp Lights (same as CSA 11.1b) (supplement to ANSI Z21.73-2000 and BSR Z21.73a)

### Electronic Industries Alliance

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

**Fax:** (703) 907-7693

**Contact:** Jean Johnson

**E-mail:** [jjohnson@eia.org](mailto:jjohnson@eia.org)

BSR/EIA PN-4969 (EIA/CEA-814/SCTE 208), Emergency Alert Message for Cable (new standard)

### 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](mailto:p.gerdon@ieee.org)

BSR C136.21-1987 (R1997), Roadway Lighting - Vertical Tensons Used with Post-Top-Mounted Luminaires (revision of ANSI C136.21-1987 (R1997))

BSR C136.27, Tunnel Lighting Luminaires (revision of ANSI C136.27-1995)

### International Code Council

**Office:** 5203 Leesburg Pike Suite 600  
Falls Church, VA 22041-3401

**Fax:** (703) 379-1546

**Contact:** Larry Brown

**E-mail:** [lbrown@intlcode.org](mailto:lbrown@intlcode.org)

BSR/ICC 2.0, Manufactured Housing Construction and Safety Standards (revision of ANSI/ICC 2.0-1998)

### Telecommunications Industry Association

**Office:** 2500 Wilson Boulevard  
Suite 300  
Arlington, 22201-3834

**Fax:** (703) 907-7727

**Contact:** Billie Zidek-Conner

**E-mail:** [bzidekco@tia.eia.org](mailto:bzidekco@tia.eia.org)

BSR/TIA/EIA 455-221, Optical fibre amplifiers - Basic specification - Part 5-1: Test method for reflectance parameters - Optical spectrum analyzer (new standard)

BSR/TIA/EIA 455-222, Optical fibre amplifiers - Basic specification - Part 3: Test methods for noise figure parameters (new standard)

BSR/TIA/EIA 455-223, Performance specification template - Part 2: Optical fibre amplifiers for digital applications (new standard)

### Underwriters Laboratories, Inc.

**Office:** 12 Laboratory Drive  
Research Triangle Park, NC 27709-3995

**Fax:** (919) 547-6018

**Contact:** Carol Chudy

**E-mail:** [Carol.A.Chudy@us.ul.com](mailto:Carol.A.Chudy@us.ul.com)

BSR/UL 2395, Standard for Safety for Insulation Adhesives (new standard)

**Office:** 1285 Walt Whitman Road  
Melville, NY 11747-3081  
**Fax:** (516) 439-6021

**Contact:** Helen Ketcham

**E-mail:** Helen.W.Ketcham@us.ul.com

BSR/UL 2265, Standard for Safety for Replacement Fuel Cell  
Power Units for Appliances (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.



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