

ANSI STANDARDS ACTION

PUBLISHED BIWEEKLY BY THE AMERICAN NATIONAL STANDARDS INSTITUTE 25 West 43rd Street, NY, NY 10036

VOL. 32, #16

August 10, 2001

American National Standards

Call for comment on proposals listed

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

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

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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: 212-840-2298; e-mail: psa@ansi.org

Comment Deadline: September 10, 2001

PANELBOARDS

- BSR/UL 67, Standard for Safety for Panelboards (revision of ANSI/UL 67-1993)

Covers panelboards to be employed in accordance with the *American National Standard National Electrical Code, NFPA 70*, for the control and protection of electric lighting and appliance branch circuits, and power circuits, including feeder distribution panelboards. Also, covers units specifically designed for panelboard assembly.

6.6.10 The operating mechanism in a panelboard used as transfer equipment in accordance with Article 702 of the National Electrical Code, ANSI/NFPA 70-1999, shall be interlocked to prevent simultaneous connection to both the normal and alternate sources of supply. ~~supplies, and shall be marked in accordance with 30.12.15.~~ The interlock shall be installed as part of the panelboard assembly in the factory or provisions made for its field installation. The panelboard or field installed kit shall be marked in accordance with 30.12.15 or 30.12.16.

6.6.10 revised (date of publication)

24A Test Requirements for Panelboards Used As Transfer Equipment ~~Transfer Equipment Panelboard Tests~~

Section 24A revised (date of publication)

- Safety standard
- ★ Standard for consumer products

~~24A.1 A panelboard that is intended~~ An interlock that is to be factory or field installed as part of a panelboard assembly for use in accordance with Article 702 of the National Electrical Code, ANSI/NFPA 70-1999, ~~along with its circuit breakers or switches and interlock, shall be tested in accordance with UL 1008, shall be subjected to a mechanical endurance test using both main breakers simultaneously. During the test, the source of one breaker shall be displaced 120 electrical degrees from the source of the other breaker for a 3-phase supply or 180 electrical degrees for a single phase supply.~~

Exception No. 1: ~~Circuit breakers or switches~~ Breakers provided with a mechanical means to reduce the risk of the load switching from the normal source of supply to an alternate source of supply in one continuous motion meet the intent of the requirement.

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Exception No. 2: A mechanical interlock which reduces the risk of having the normal and alternate supply circuit breakers or switches movable contact of the normal and alternate supply breaker in motion simultaneously meet the intent of the requirement.

24A.2 A panelboard along with its interlock and circuit breakers intended for use in accordance with Article 702 of the National Electrical Code, ANSI/NFPA 70-1999, shall be subjected to the number of endurance test operations as indicated in Table 24A.1. At the conclusion of the test, the interlock shall function as intended.

Table 24A.1
Endurance test operations

Deleted Table 24A.1 effective July 1, 2002

Maximum frame size in amperes	Number of cycles of operation	
	Per minute	Total number
100	6	10000
150	5	8000
225	5	8000
600	4	6000
800	4	3500
1200	4	2500
2500	4	2500
6000	4	1500

24A.3 Following the mechanical endurance test, verification that the circuit breakers are never closed on the circuit simultaneously shall be confirmed using an oscilloscope by measuring the delay time between circuit breaker operations when operated as quickly as possible.

25A Transfer Equipment Panelboard Tests

Section 25A deleted (date of publication)

30.12.15 A panelboard that is assembled in the factory and capable of being used as transfer equipment in accordance with Article 702 of the National Electrical Code, ANSI/NFPA 70-1999, and has circuit breakers, switches and interlocks assembled at the factory shall be marked "Suitable for use in accordance with Article 702 of the National Electrical Code, ANSI/NFPA 70".

30.12.15 revised (date of publication)

30.12.16 Panelboards capable of accepting a field installed kit for transfer equipment applications shall be marked with the transfer switch kit Cat. No: kit catalog number. The transfer switch kit shall include a permanent marking that states "Suitable for use in accordance with Article 702 of the National Electrical Code, ANSI/NFPA 70" along with instructions on location and application of the marking.

30.12.16 revised (date of publication)

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

SWITCHBOARDS

BSR/UL 98-1995, Enclosed and Dead-Front Switches (revision of ANSI/UL 98-1995)

Covers individually enclosed air-break switches, having all current-carrying parts enclosed, manually operable by means of external handles, and intended to be employed in accordance with the American National Standard National Electrical Code, ANSI/NFPA 70. They may have provisions for being tripped electrically. They also cover dead-front switches that have all current-carrying parts enclosed when mounted in an enclosed panelboard, dead-front switchboard or the like. These switches are manually operable by means of external handles or are hinged pullout switches and are intended to be employed in accordance with the National Electrical Code. A dead-front switch

other than a hinged pullout switch may have provisions for being tripped electrically. These requirements cover enclosed switches with or without provision for plug or for cartridge-enclosed fuses. In addition, these requirements cover enclosed switches intended for general use ampere ratings. These requirements also cover double-throw switches intended for use in optional standby systems in accordance with Article 702 of the American National Standard National Electrical Code.

20.5 A double-throw switch for use in accordance with Article 702 of the National Electrical Code, ANSI/NFPA 70, shall be tested in accordance with UL 1008, subjected to the overload test using both sets of contacts simultaneously. During the test, the source of one set of contacts shall be displaced 120 electrical degrees from the source of the other set of contacts for a 3-phase supply or 180 electrical degrees for a single phase supply.

Exception No. 1: A double-throw switch described above and provided with a mechanical means to reduce the likelihood of the load switching from the normal source of supply to an alternate source of supply in one continuous motion may be tested in accordance with 20.4.

Exception No. 2: A double-throw switch described above and constructed such that the movable contact of the normal supply is not in motion at the same time as the movable contact of the alternate supply may be tested in accordance with 20.4.

20.5 revised (date of publication)

22.1 A switch (with fuses, if any, in place) shall withstand for 1 minute without breakdown the application of a 60 Hz essentially sinusoidal potential of 1000 V plus twice the maximum rated voltage:

- a) Between live parts and the enclosure with the switch closed,
- b) Between terminals of opposite polarity with the switch closed, and
- c) Between the line and load terminals with the switch open.

Exception: A double-throw switch for use in accordance with Article 702 of the National Electrical Code, ANSI/NFPA 70, shall have the potential applied:

a) ~~Between live parts and the enclosure with the contact alternately closed to each supply source;~~

b) ~~Between terminals of opposite polarity with the contacts closed;~~

c) ~~Between live parts of different circuits; and~~

d) ~~Between terminals of the normal source and the alternate source with the switch in both normal and alternate positions.~~

22.1 revised (date of publication)

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

VENTILATION

- BSR/ASHRAE 62r, Ventilation and Acceptable Indoor Air Quality in Commercial, Institutional, and High-Rise Residential Buildings (supplement to ANSI/ASHRAE 62-1989)

Addresses outdoor air-quality assessment and air-cleaning requirements. The independent substantive change being reviewed changes the list of documentation items in item 2 of Section 4.1.3 from being required to being examples of the information that may be provided. Several commenters from the first public review felt that requiring this information was an unnecessary burden, and this change was made in response to these concerns.

This standard was listed for public review in the 12/29/2000 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Foreword to Addendum 62r ISC

(This foreword is not part of this addendum but is provided for information only.)

This addendum addresses outdoor air-quality assessment and air-cleaning requirements.

Changes relative to the public review draft are identified by underlines and strikethroughs.

Addendum 62r ISC

Delete current section 5.9:

4.1.3 Documentation. Documentation of the outdoor air quality investigation shall be reviewed with building owners or their representative and shall include the following:

1. Ambient air-quality compliance status.
2. Local survey information, which may include including the following:
 - a) Date of observations
 - b) Time of observations
 - c) Area surveyed
 - d) Description of nearby facilities with potential pollution impact on the site
 - e) Observation of odors or irritants
 - f) Description of visible plumes or air contaminants
 - g) Description of nearby sources of vehicle exhaust
 - h) Direction of prevailing winds.
3. Conclusions regarding acceptability of outdoor air quality based on consideration of information from investigation.

Send comments (with copy to BSR) to: ASHRAE, Inc. Attn: Manager of Standards, at public.review.comment@ashrae.org

Comment Deadline: September 24, 2001

BIOHAZARDS

BSR/NSF 49 (i2), Class II (Laminar Flow) Biohazard Cabinetry (new standard)

Comprises Issue 2: This is a revision of the entire standard. This standard was listed for public review in the 6/15/2001 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

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Send comments (with copy to BSR) to: Adi Pour, Chairperson,
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alagarsamy@nsf.org

ENERGY CONSERVATION

BSR/ASHRAE 90.2d, Energy Efficient Design of New Low-Rise Residential Buildings (supplement to ANSI/ASHRAE 90.2-1993)

Pertains to ANSI/ASHRAE Standard 90.2-1993, "Energy Efficient Design of New Low-Rise Residential Buildings," which was approved in 1993. A complex fenestration load change equation was included in the standard and was required to be used for determining compliance when glass area exceeded 125 ft². A number of objections were raised concerning this equation. To assist the user in determining compliance for buildings with greater fenestration, a simple set of prescriptive requirements has been developed and is proposed in this addendum. The prescriptive requirements in this addendum were derived under the following conditions: to not exceed the energy use requirements for a residence built in accordance to the requirements of ANSI/ASHRAE 90.2-1993 with 18% fenestration area (conditioned floor space) equally oriented in each cardinal direction. The load change equation in ANSI/ASHRAE 90.2-1993 was used to determine energy requirements. The model used to determine that the energy needs were not exceeded had the following fenestration distribution: 53% west, 26% east, 10.5% north, and 10.5% south. The model was evaluated for energy consumption in the following 12 U.S. cities: Atlanta, GA; Baltimore, MD; Boston, MA; Dallas, TX; Denver, CO; Los Angeles, CA; Lewiston, ID; Madison, WI; Miami, FL; New York, NY; Phoenix, AZ; and Burlington, VT.

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BSR/ASHRAE 90.2f, Energy Efficient Design of New Low-Rise Residential Buildings (supplement to ANSI/ASHRAE 90.2-1993)

Pertains to changes to Section 5.2.2.1.4 and Table 5-1, which reflect modifications to the text to accurately depict the material under consideration in Table 5-1. This is accomplished in part by substituting the word "Steel" for "Metal". The modifications to Table 5-1, by changing one category to "Nominal Stud Size" and deleting "Gauge of Stud," are necessary as a matter of coordination and consistency with steel industry standard terminology and dimensional designations as well as coordination with the national model building codes and standards. The changes to the note below Table 5-1 remove the inconsistency that was present between the note and the category "Gauge of Stud" and insert in its place language that is consistent with current industry standards and terminology. This standard was listed for public review in the 8/15/1997 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

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BSR/ASHRAE 90.2g, Energy Efficient Design of New Low-Rise Residential Buildings (supplement to ANSI/ASHRAE 90.2-1993)

Contains requirements for the reference building to which the actual building design must be compared. In Section 8.7.1, the ducts assumed for the reference building must be completely within the conditioned space. In much of the country where ducts are commonly located in unconditioned spaces, this requirement represents a disincentive to use the performance path of Section 8. The prescriptive requirements for buildings with ducts in unconditioned spaces are more stringent than those for buildings with ducts in the interior. Given the current understanding of the issue, the prescriptive requirements cannot be assumed to reflect the real impact of duct losses. To provide an incentive to move ducts indoors, the performance path must acknowledge the reality that ducts are commonly located in unconditioned spaces. The change will benefit builders who typically locate ducts in conditioned spaces and increase the benefits of the performance path. For those who typically locate ducts in unconditioned spaces, the proposed change will provide a strong incentive to move ducts inside. The change in Section 8.7.6 to the assumption of wood doors for the reference case removes a penalty for using the performance path, while recognizing the common practice of using wood entry doors. This standard was listed for public review in the 8/15/1997 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

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FIBER OPTICS

BSR/TIA/EIA 455-158-1997, Measurement of Breakaway Frictional Force in Fiber Optic Connector Alignment Sleeves (reaffirmation of ANSI/TIA/EIA 455-158-1997)

Measures the breakaway frictional force between the ferrule and the sleeve in fiber optic connectors.

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BSR/TIA/EIA 455-41A-1993, Compressive Loading Resistance of Fiber Optic Cable (reaffirmation of ANSI/TIA/EIA 455-41A-1993)

Determines the ability of a fiber optic cable to mechanically and optically withstand, or recover from (or both), the effects of a slowly applied compressive force.

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BSR/TIA/EIA 455-50B, Light Launch Conditions for Long-Length Graded-Index Optical Fiber Spectral Attenuation Measurements (reaffirmation of ANSI/TIA/EIA 455-50B-1998)

Establishes the light launch conditions for Class 1a fiber attenuation measurements.

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BSR/TIA/EIA 455-54B-1998, Mode Scrambler Requirements for Overfilled Launching Conditions to Multi-Mode Fibers (reaffirmation of ANSI/TIA/EIA 455-54B-1998)

Describes light launch conditions to the test fiber for the purpose of achieving a uniform overfilled launch with a laser diode or other light source

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BSR/TIA/EIA 455-74-1996, FOTP-74 - Fluid Immersion Aging Procedure for Optical Fiber Optical Properties (reaffirmation of ANSI/TIA/EIA 455-74-1996)

Defines the exposure conditions for testing the resistance of optical fibers to optical degradation when exposed solely to aqueous or non-aqueous liquid media

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BSR/TIA/EIA 455-75A-1996, Fluid Immersion Test for Optical Waveguide Fiber (reaffirmation of ANSI/TIA/EIA 455-75A-1996)

Defines the exposure conditions for testing the resistance of optical fibers for mechanical degradation when exposed solely to aqueous or non-aqueous liquid media

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BSR/TIA/EIA 604-2-1997, Fiber Optic Connector Intermateability Standard (reaffirmation of ANSI/TIA/EIA 604-2-1997)

Presents the intermateability standard for simplex and duplex bayonet.

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HEATING AND AIR CONDITIONING

BSR/ASHRAE 79, Methods of Testing for Rating Fan-Coil Conditioners (revision of ANSI/ASHRAE 79-1984 (R1991))

Prescribes laboratory methods of testing room fan-coil air conditioners to assure uniform performance data for establishing ratings. This standard includes procedures that: (1) describe and specify test instruments and apparatus, (2) describe and specify laboratory test methods and procedures, (3) describe and specify test data to be recorded, (4) describe and specify calculations to be made from test data, (5) define terms used in testing, and (6) specify standard thermodynamic properties. This standard was listed for public review in the 8/16/1996 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

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BSR/ASHRAE 152P, Method of Test for Determining the Design and Seasonal Efficiencies of Residential Thermal Distribution Systems (new standard)

Prescribes a method of test to determine the efficiency of space heating and/or cooling thermal distribution systems under seasonal and design conditions. The objective is to facilitate annual energy calculations and heating and cooling equipment capacity calculations. Applies to single/family detached and attached residences with independent thermal systems. This standard applies to air, hydronic, and electric distribution systems
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INFORMATION TECHNOLOGY

ANSI X3.287-1996, Information Technology - Fibre Channel Link Encapsulation (FC-LE) (withdrawal of ANSI X3.287-1996)

Provides a common method for encapsulating ISO/IEC 8802-2 (IEEE Std. 802.2) Logical Link Control Protocol Data Units (PDUs) over Fibre Channel (FC). It also provides support for other related Protocols. The purpose of this standard is to facilitate the development and use of FC in computer systems by providing systems to communicate with one another using ULPs that are already in common use with other media. The standard permits, but does not describe, concurrent operation of other protocols over FC. Language processor may impose; the semantics of configuration interfaces. This standard is being withdrawn for the following reasons: lack of interest, that the standard had not been implemented, and that it had been superseded by IP over FC developed with IETF.

Single copy price: \$18.00 (Electronic)

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BSR/ISA 12.23.01-1998 (IEC 60079-18 Mod), Electrical Apparatus for Use in Class I, Zone 1 Hazardous (Classified) Locations: Type of Protection - Encapsulation 'm' (revision of ANSI/ISA S12.23.01-1998 (IEC 79-18 Mod))

Harmonizes IEC 60079-18 with the national deviations. Prescribes specific requirements for construction and testing of electrical apparatus, parts of electrical apparatus, and Ex components which have rated voltages not exceeding 11kV with the type of protection encapsulation 'm'.

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PIPE

BSR/NSF 14 (i3), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2001)

Comprises issue 3: Revisions to sections 1, 2, 6, 7, 9, several tables.

Single copy price: \$35.00

Obtain an electronic copy from: www.nsf.org/publications
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PRINTED BOARDS

BSR/IPC 4103, Specification for Base Materials for High Speed/High Frequency Applications (new standard)

Covers the requirements for high speed/high frequency performance base materials, herein referred to as laminate or bonding films, to be used primarily for the fabrication of rigid or multilayer printed boards for high speed/high frequency electrical and electronic circuits. This specification applies to material thickness defined in the specification sheets as measured over the dielectric only.

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TELECOMMUNICATIONS

BSR T1.401a, Telecommunications - Network-to-Customer Installation Interfaces - Analog Voicegrade Switched-Access Lines Using Loop-Start and Ground-Start Signaling (supplement to ANSI T1.401-2000)

Replaces subclause 8.1.2.1 and figure 16 to reflect the allowance of a maximum Customer Installation (CI) resistance of 430 W during dial pulsing, and to provide additional clarification of requirements.

Single copy price: \$53.00-Paper Copy, Electronic downloads are free

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

Corrects references to other members of the T1.416 family of standards that are listed in the Foreword and in the Scope.

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BSR T1.421, In-Line Filter for Use with Voiceband Terminal Equipment Operating on the Same Wire Pair with High Frequency (up to 10 MHz) Devices (new standard)

Presents the electrical and physical characteristics of an In-Line filter (initially, and sometimes still called a micro-filter), that is used to protect voiceband premises equipment from the high frequencies of digital data over voice services in the 25 kHz to 12 MHz range. It is also used to protect data over voice services from impedance changes and other detrimental impairments caused by voiceband equipment. Some applications such as alarm systems and series stacking are beyond the scope of this standard. This standard was listed for public review in the 1/12/2001 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

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BSR/TIA/EIA 41-E.000, Cellular Radiotelecommunications Inter-system Operations (revision and redesignation of ANSI/TIA/EIA 41-D-1997)

Identifies those cellular services which require intersystem cooperation, to present the general background against which those services are to be provided, and to summarize the principal considerations which have governed and directed the particular approaches taken in the procedural recommendations.
Single copy price: \$79.00

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BSR/TIA/EIA 41-E.500, Cellular Radiotelecommunications Inter-system Operations (revision and redesignation of ANSI/TIA/EIA 41-D-1997)

Defines MAP protocol architecture.
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BSR/TIA/EIA 41-E.510, Cellular Radiotelecommunications Inter-system Operations (revision and redesignation of ANSI/TIA/EIA 41-D-1997)

Defines the X.25 based data transfer services.
Single copy price: \$33.00

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BSR/TIA/EIA 41-E.511, Cellular Radiotelecommunications Inter-system Operations (revision and redesignation of ANSI/TIA/EIA 41-D-1997)

Defines the message transfer part.
Single copy price: \$38.00

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BSR/TIA/EIA 41-E.512, Cellular Radiotelecommunications Inter-system Operations (revision and redesignation of ANSI/TIA/EIA 41-D-1997)

Defines the transport signaling protocols.
Single copy price: \$36.00

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BSR/TIA/EIA 41-E.520, Cellular Radiotelecommunications Inter-system Operations (revision and redesignation of ANSI/TIA/EIA 41-D-1997)

Includes: a review of the Application Services architecture; a description of the Application Layer structure; and the requirements on ANSI Transaction Capabilities comprising the TIA/EIA-41-Mobile Application Part (MAP), both the operations and parameters.
Single copy price: \$41.00

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BSR/TIA/EIA 41-E.540, Cellular Radiotelecommunications Inter-system Operations (revision and redesignation of ANSI/TIA/EIA 41-D-1997)

Defines the MAP operations.
Single copy price: \$190.00

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BSR/TIA/EIA 41-E.550, Cellular Radiotelecommunications Inter-system Operations (revision and redesignation of ANSI/TIA/EIA 41-D-1997)

Defines the parameter formats.
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BSR/TIA/EIA 41-E.551, Cellular Radiotelecommunications Inter-system Operations (revision and redesignation of ANSI/TIA/EIA 41-D-1997)

Provides the definitions of the parameter types used in this standard.
Single copy price: \$42.00

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BSR/TIA/EIA 41-E.590, Cellular Radiotelecommunications Inter-system Operations (revision and redesignation of ANSI/TIA/EIA 41-D-1997)

Outlines guidelines and rules which will in the near term be beneficial to implementation of this standard, other activities which may impact these rules are in progress.
Single copy price: \$34.00

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BSR/TIA/EIA 136-033-1, TDMA Third Generation Wireless - R-UIM File Structure - Addendum 1 (supplement to ANSI/TIA/EIA 136-033-2001)

Makes corrections to ANSI/TIA/EIA-136-033.
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BSR/TIA/EIA 136-410-1, TDMA Cellular/PCS - Radio Interface Enhanced Full-Rate Voice Codedc - Addendum 1 (supplement to ANSI/TIA/EIA 136-410-1999)

Makes corrections to ANSI/TIA/EIA-136.410.
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BSR/TIA/EIA 568-B.2-1, Commercial Building Telecommunications Cabling Standard - Part 2: Balanced Twisted Pair Components - Addendum 1 - Transmission Performance Specifications for 4-Pair 100 Ohm Category 6 Cabling (supplement to ANSI/TIA/EIA 568-B.2-2001)

Specifies requirements for insertion loss, near-end crosstalk (NEXT) loss, equal level far-end crosstalk (ELFEXT), return loss, propagation delay, and delay skew for 100 Ohm 4-pair category 6 cabling, cables, and connecting hardware. The standard specifies requirements for insertion loss, near-end crosstalk (NEXT) loss, equal level far-end crosstalk (ELFEXT), return loss, propagation delay, and delay skew for 100 Ohm 4-pair category 6 cabling, cables, and connecting hardware. This standard was listed for public review in the 6/1/2001 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: \$87.00

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BSR/TIA/EIA 568-B.2-2, Commercial Building Telecommunications Cabling Standard - Part 2: Balanced Twisted-Pair Cabling (supplement to ANSI/TIA/EIA 568-B.2-2001)

Revises subclauses 4.3.48, 4.4, 4.4.1, 4.4.4.9, and 5.4.3 of the standard.

Single copy price: \$30.00

BSR/TIA/EIA 569-A-7, Multi-Tenant Pathways and Spaces, Addendum 7 (supplement to ANSI/TIA/EIA 569-A-5)

Applies to cable trays and cable runways. The following provides criteria for cable fill design criteria and installation guidelines of cable trays and cable runways.

Single copy price: \$53.00

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VENTILATION

BSR/ASHRAE 62ad, Ventilation and Acceptable Indoor Air Quality in Commercial, Institutional, and High-Rise Residential Buildings (supplement to ANSI/ASHRAE 62-1999)

Updates material in Appendix C of the current standard, which contains a number of air-quality guidelines and regulations issues by bodies other than ASHRAE. This appendix has, for many years, been the only compendium of such information and is very helpful to users of the IAQ Procedure in the standard and to those using the standard in IAQ evaluations. It should be very clear to the reviewer that ASHRAE is not proposing any contaminant concentration standard or guideline values. In addition to updating this material (prepared in 1986), this addendum describes the source of the values and the context in which they were developed. The addendum also deletes Appendix A (Conversion Factors) and places the relevant material at the end of this appendix.

Single copy price: Free

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

BSR/ASHRAE 62n, Ventilation and Acceptable Indoor Air Quality in Commercial, Institutional, and High-Rise Residential Buildings (supplement to ANSI/ASHRAE 62-1999)

Revises the Ventilation Rate Procedure described in the current standard. The first public review produced about 70 unique comments. Of these, about half called for increased ventilation rates, while a smaller number suggested further decreases. About 10% of the comments address the issue of complexity, and these were evenly split between complaints about too much complexity and requests for more detail. About one-third commented on the additive methodology for combining the ventilation requirements based on the number of people with the requirements based on floor area, but the committee has retained this approach based primarily on its ability to explicitly account for occu-

cupant density. In response to many of the public review comments, some of the ventilation requirements have been increased (most notably in educational buildings) relative to the first public review draft, though others have stayed the same or even reduced somewhat. A numbers of changes have also been made to address the issue of simplicity, including the removal of the requirement for minimum supply airflow rates, the addition of a figure describing the six steps of the procedure and a number of changes in the language and notation. This standard was listed for public review in the 7/30/1999 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: Free

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

■ BSR/ASHRAE 62z, Ventilation and Acceptable Indoor Air Quality in Commercial, Institutional, and High-Rise Residential Buildings (supplement to ANSI/ASHRAE 62-1999)

Addresses air-cleaning requirements for ozone. The current standard requires outdoor air assessment and recommends outdoor cleaning for contaminants of concern, but it does not require cleaning for ozone. This addendum requires gaseous air cleaning when the outdoor ozone concentration is high, but it does not require air cleaning for other gaseous contaminants. Mandatory air cleaning for ozone is appropriate because of the large number of people living in non-attainment areas, that is, locations where the outdoor ozone levels exceed the EPA *National Ambient Air Quality Standards* (NAAQS), and the negative impact that ozone has on indoor air quality and occupant well-being. According to a simplified listing of non-attainment areas derived from Title 40, *Code of Federal Regulations*, part 81, 129,743,000 people (close to half of the population of the US) live in ozone non-attainment areas. In addition, the cost/benefit ratio for ozone removal is expected to be quite low, compared with that of other outdoor contaminants. The cost of the required gaseous air cleaning varies as a function of system type. The incremental annual operating and maintenance cost is estimated to range from \$0.03 to \$0.07 per ft² per year, added to an estimated base operating and maintenance cost of about \$1.25 per ft² per year for the entire HVAC system. Note that while reducing the ozone concentration indoors may have a beneficial health effect, this requirement is primarily intended to reduce discomfort by reducing irritation due to ozone and its oxidation byproducts. Also, note that buildings with air change rates of 1.5 air changes per hour or less (most office buildings) will be exempt from the ozone air-cleaning requirement; as will those buildings located in ozone non-attainment areas, wherein the maximum reported hourly average concentration of ozone in the outdoor air is 0.160 ppm or less. This exemption is justified since chemical reactions at building surfaces reduce indoor ozone concentration significantly in most non-attainment areas without additional filtration. This standard was listed for public review in the 12/29/2000 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: Free

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

BSR/ASHRAE 151P, Practices for Measurement, Testing, Adjusting and Balancing Shipboard Heating, Ventilation, Air Conditioning and Refrigeration (new standard)

Provides uniform and systematic practices for making measurements in testing, analyzing, balancing, and reporting the performance of the heating, ventilation, air-conditioning and refrigeration (HVAC&R) systems on-board ships. Describes methods for evaluating shipboard HVAC&R systems. Applies to all air-moving equipment, hydronic equipment, and HVAC heat-transfer equipment, refrigeration equipment, HVAC electrical power, and control equipment. Describes methods for measuring temperature, humidity, enthalpy, current, wattage, voltage, rotation, fluid flow, heat flow, pressures, sound and vibration levels in HVAC&R systems. Includes the following: (a.) Minimum system configuration requirements to ensure the system can be tested and balanced, (b.) Minimum instruments and permanently

installed measuring equipment for underway measurements, (c.) Procedures for measurements used in testing and balancing and system analysis, (d.) Reporting format and forms, (e.) Classification of ships and spaces to assist in defining the different procedures required for different ships and spaces, and (f.) Procedures for testing and adjusting refrigeration systems including direct-expansion type chilled-water type and absorption-type, air-cooled condensers, and sea-water-cooled condensers. Single copy price: Free

Obtain an electronic copy from: www.ashrae.org
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WATER TREATMENT

BSR/NSF 53 (i14), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2000)

Comprises Issue 14: Incorporates testing protocol for radon reduction claims in Sections 6 and 7. This is a rebalot because it did not pass the Joint Committee. This standard was listed for public review in the 4/20/2001 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text. Single copy price: \$35.00

Obtain an electronic copy from: www.nsf.org/publications
Order from: TECHSTREET, Attn: NSF Publications, service@techstreet.com
Send comments (with copy to BSR) to: Duncan Ellison, Chairperson, c/o Jane Wilson, (734) 827-6825 or mwilson@nsf.org

Comment Deadline: October 9, 2001

Reaffirmations and withdrawals available electronically may be accessed at: webstore.ansi.org

APPLIANCES, GAS-BURNING

- ★ BSR Z21.10.1a, Gas Water Heaters, Volume I, Water Heaters with Input Ratings of 75,000 Btu per Hour or Less (same as CSA 4.1) (supplement to ANSI Z21.10.1-1998)

Details test and examination criteria for automatic storage water heaters with input ratings of 75,000 Btu per hour or less for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures.

Single copy price: \$30.00

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

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- ★ BSR Z21.10.3a, Gas Water Heaters, Volume III, Storage Water Heaters with Input Ratings Above 75,000 Btu per Hour, Circulating and Instantaneous Water Heaters (supplement to ANSI Z21.10.3-1998)

Details test and examination criteria for automatic storage, with input ratings of 75,000 Btu per hour, circulating and instantaneous water heaters for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures.

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Send comments (with copy to BSR) to: Same

- ★ BSR Z21.56, Gas-Fired Pool Heaters (supplement to ANSI Z21.56-1998)

Details test and examination criteria for pool heaters for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures. Pool heaters are designed to heat nonpotable water stored at atmospheric pressure, such as water in swimming pools, spas, hot tubs and similar applications.

Single copy price: \$30.00

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CIRCUIT BREAKERS

BSR/UL 943, Ground-Fault Circuit Interrupters (revision of ANSI/UL 943-1994)

Covers ground-fault circuit-interrupters (GFCIs) intended for use only in alternating-current circuits wherein one of the wires is grounded in accordance with the *American National Standard National Electrical Code*. These GFCIs are intended for use on 120 Vac or 120/240 Vac, 60 Hz circuits. The requirements do not cover ground-fault circuit-interrupters intended for use in circuits served by a transformer having windings wholly insulated from each other. A ground-fault circuit-interrupter as covered by UL 943 is a device whose function is to interrupt the electric circuit to the load when a fault current to ground exceeds some predetermined value that is less than that required to operate the overcurrent protective device of the supply circuit.

Single copy price: \$30.00

Order from: Helen Ketcham, UL-NY;
Helen.W.Ketcham@us.ul.com

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FUEL GAS CODES

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

Provides design and installation provisions for fuel-gas installations on consumers' premises including requirements for gas piping, gas equipment and appliances, vents and combustion air. The code is the governing code used by many local gas utilities and officials of federal, state and local governments to judge the acceptability of fuel-gas installations. The code is also referenced by gas appliance manufacturers as part of their certified installation instructions.

Single copy price: Free

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

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INFORMATION TECHNOLOGY

BSR X9.68, Digital Certificates for Mobile/Wireless and High Transaction Volume Financial Systems: Part 2: Domain Certificate Syntax (new standard)

Defines syntax for a more compact certificate than that defined in ISO 15782-1 and X.509. This syntax is appropriate for use in environments with constraints imposed by mobility and/or limited bandwidth (e.g., wireless communications with personal digital assistants), high volumes of transactions (e.g., Internet commerce), or limited storage capacity (e.g., smart cards). This syntax is also geared towards use in account-based systems such as those described in X9.59.

Single copy price: \$80.00

Obtain an electronic copy from: dschuber@aba.com

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www.global.ihs.com

Send comments (with copy to BSR) to: Darlene Schubert, ABA (ASC X9); dschuber@aba.com

BSR/TIA/EIA 455-218, FOTP218 - Measurement of Endface Geometry of Optical Connectors (new standard)

Measures the physical parameters of the endface of an optical connector to assure its ability to provide acceptable optical performance for long-term use.

Single copy price: \$41.00

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LAMPS, ELECTRIC

- BSR/IEC C78.1199-2001, Single-Capped Fluorescent Lamps - Safety Specifications (new standard)

Specifies the safety requirements for single-capped fluorescent lamps for general lighting purposes of all groups having 2G7, 2GX7, GR8, 2G10, G10q, GR10q, GX10q, GY10q, 2G11, G23, GX23, G24, GX24 and GX32 caps. It also specifies the method a manufacturer should use to show compliance with the requirements of this standard on the basis of whole production appraisal in association with his test records on finished products. This method can also be applied for certification purposes. Details of a batch test procedure which can be used to make limited assessment of batches are also given in this standard. Single copy price: \$54.00

Order from: Randolph N. Roy, NEMA (ASC C78):
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MEASUREMENT AND CALIBRATION

BSR/ASME B89.7.3.1, Guidelines for Decision Rules: Considering Measurement Uncertainty in Determining Confirmation to Specification (new standard)

Provides terminology and specifies the content that must be addressed when stating a decision rule used for deciding the acceptance or rejection of a product according to specification. Single copy price: \$10.00

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METALS AND ALLOYS

BSR H35.2, Dimensional Tolerances for Aluminum Mill Products (revision of ANSI H35.2-2000)

Includes dimensional tolerances for aluminum mill products accepted by both the aluminum industry and users of the metal. They are the basis for dimensional tolerances specified in government, technical societies and other specifications for aluminum. Single copy price: Free

Order from: Peter Pollak, AA; ppollak@aluminum.org
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BSR H35.2(M), Dimensional Tolerances for Aluminum Mill Products (Metric) (revision of ANSI H35.2(M)-2000)

Includes dimensional tolerances for aluminum mill products accepted by both the aluminum industry and users of the metal. They are the basis for dimensional tolerances specified in government, technical societies and other specifications for aluminum. Single copy price: Free

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OPHTHALMICS

BSR Z80.25-1996, Ophthalmics - Instruments: Fundamental Requirements and Test Methods (reaffirmation of ANSI Z80.25-1996)

Applies to non-invasive, active and non-active ophthalmic instruments. This standard includes low vision aids and tonometers, but excludes other instruments which are used in contact with the globe of the eye. This standard is not applicable to operation microscopes, endoscopes, and devices intended for laser treatment (surgery) of the eye. This standard takes precedent over the corresponding requirement of the other general standards quoted in clause 2, If differences exist. In addition to the requirements of this standard, the supplementary or modifies requirements specified in the relevant product-related standards will apply. They are listed in annex D. Single copy price: \$10.00

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PIPE

BSR/AWWA C950, Fiberglass Pressure Pipe (revision of ANSI/AWWA C950-95)

Covers the fabrication and the testing of nominal 1-in. through 144-in. (25-mm through 3,600 mm) fiberglass pipe and joining systems for use in both aboveground and belowground water systems. Service and distribution piping systems and transmission piping systems are included. Single copy price: \$5.00

Order from: John Wilber, AWWA; jwilber@awwa.org
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REFRIGERATION

BSR Z21.19, Refrigerators Using Gas Fuel (same as CSA 14) (revision, redesignation and consolidation of ANSI Z21.19-1990, ANSI Z21.19a-1992 and ANSI Z21.19b-1995 (R1999))

Details test and examination criteria for gas-fired refrigerators having refrigerated spaces for (1) storage of foods, or (2) storage of foods and making ice, or (3) storage of frozen foods and making ice, or (4) storage of foods and the storage of frozen foods and making ice, for use with natural gas, and/or liquid petroleum (propane) gases, for residential use. This standard also covers electrical equipment, wiring and accessories built in or supplied with gas-fired refrigerators for use with low-voltage direct current or alternating current. Single copy price: \$50.00

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

BSR/ASME B46.1, Surface Texture (Surface Roughness, Waviness, and Lay) (revision of ANSI/ASME B46.1-1995)

Pertains to the geometric irregularities of surfaces. It defines surface texture and its constituents: roughness, waviness, and lay. It also defines parameters for specifying surface texture. Single copy price: \$10.00

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TELECOMMUNICATIONS

BSR/IEEE 802.16.2, Local and Metropolitan Area Networks - Recommended Practice for Coexistence of Fixed Broadband Wireless Access Systems (new standard)

Provides coexistence guidelines to license holders, service providers, deployment groups, and system integrators. Covers the design and coordinated deployment of fixed broadband wireless access (BWA) systems operating from 10-66 GHz [with a focus on 23.5-43.5 GHz] in order to minimize interference so as to maximize system performance and/or service quality. Single copy price: N/A

Order from: IEEE, Attn: Customer Service 800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE;
d.ringle@ieee.org

WIRE

BSR/ASME B89.1.17, The Measurement of Threading Measuring Wires (new standard)

Establishes uniform practices for the measurement of thread measuring wires. The standard includes methods for the direct measurement of both master and working wires, and methods for the comparison measurement of working wires. The standard includes requirements for geometric qualities of thread measuring wires, the important characteristics of the comparison equipment, environmental conditions, and the means to ensure that measurements are made with an acceptable uncertainty level. Wires covered by the standard include inch-series 60-degree, 29-degree Acme, 7/45-degree Buttress, and metric 60-de-

gree threads. This standard was listed for public review in the 4/20/2001 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: \$10.00

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TELECOMMUNICATIONS

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TESTING

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Announcement of Administrative Withdrawal of American National Standards:

Effective Date of 9/9/01

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 or via fax to the PSA Department at 212-730-1346.

ANSI B93.24M-1972 (R1987), Flow Fatigue Characteristics of a Hydraulic Fluid Power Filter Element, Method for Verifying the
ANSI B93.55M-1981 (R1988), Hydraulic Fluid Power - Solenoid Piloted Industrial Valves - Interface Dimensions for Electrical Connectors

ANSI K62.1-1985, A Procedure for Acceptance of a Common Name for a Pest Control Chemical

ANSI MH26.1-1991, Specifications for Industrial Metal Containers

ANSI PH1.44-1990, Photography (Film) - Rolls for Phototypesetting or Photocomposing Devices or Both - Dimensions

ANSI PH2.40-1985 (R1991), Root-Mean-Square (rms) Granularity of Film (Image on One Side Only), Method for Measuring the

ANSI PH3.617-1980 (R1991), Appearance Imperfections of Optical Elements and Assemblies, Definition Methods of Testing, and Specifications for

ANSI Z9.1-1991, Exhaust Systems - Open-Surface Tanks - Ventilation and Operation

ANSI Z124.8-1990, Plastic Bathtub Liners

ANSI/ADA 48-1983 (R1989), Dental Materiel - Ultraviolet Activation Devices and Disclosing Lights

ANSI/AGMA 2000-A88, Gear Classification and Inspection Handbook - Tolerances and Measuring Methods for Unassembled Spur and Helical Gears (Including Metric Equivalents)

ANSI/AHA A194.1-1985, Cellulosic Fiber Board
ANSI/AIAA S-001A-1991, Standard Terminology for Space Structures

ANSI/AIIM MS35-1990, Original Black-and-White Documents that May Be Microfilmed, Requirements and Characteristics of
ANSI/AIIM MS51-1991, Micrographics - ISO Resolution Test Chart No. 2 - Description and Use

ANSI/ANS 2.19-1981 (R1990), Nuclear Fuel Facilities - Spent Fuel Storage Installation, Site Selection and Design of an Independent

ANSI/ANS 2.5-1984 (R1990), Obtaining Meteorological Information at Nuclear Power Sites

ANSI/ANS 4.5-1980 (R1986), Accident Monitoring Functions in Light-Water-Cooled Reactors, Criteria for

ANSI/ANS 52.1-1983 (R1988), Boiling Water Reactor Plants, Nuclear Safety Criteria for the Design of Stationary

ANSI/ARI 300-88, Rating the Sound Level and Sound Transmission Loss of Packaged Terminal Equipment

ANSI/ARI 420-89, Unit Coolers for Refrigeration

ANSI/ARI 430-89, Central-Station Air-Handling Units

ANSI/ARI 480-87, Refrigerant-Cooled Liquid Coolers, Remote Type

ANSI/ARI 495-85, Refrigerant Liquid Receivers

ANSI/ARI 530-89, Sound and Vibration of Refrigerant Compressors, Method of Measuring

ANSI/ARI 710-86, Liquid-Line Driers

ANSI/ARI 730-86, Flow-Capacity Rating and Application of Suction-Line Filters and Filter-Driers

ANSI/ARI 760-87, Solenoid Valves for Use with Volatile Refrigerants

ANSI/ARI 790-86, Definite-Purpose Magnetic Contactors for Limited Duty

ANSI/ASHRAE 111-1988, Practices for Measurement, Testing, Adjusting and Balancing of Building Heating, Ventilation, Air-Conditioning and Refrigeration Systems

ANSI/ASHRAE 25-1990, Methods of Testing Forced Convection and Natural Convection Air Coolers for Refrigeration

ANSI/ASHRAE 70-1991, Rating the Performance of Outlets and Inlets, Method of Testing for

ANSI/ASHRAE 74-1988, Method of Measuring Solar-Optical Properties of Materials

ANSI/ASME PTC 23.1-1983 (R1988), Spray Cooling Systems, Code on

ANSI/ASQC Q2-1990, Quality Management and Quality System Elements for Laboratories - Guidelines

ANSI/ASSE 1001-1990, Pipe-Applied Atmospheric-Type Vacuum Breakers

ANSI/ASSE 1004-1990, Backflow Prevention Requirements for Commercial Dishwashing Machines

ANSI/ASSE 1009-1990, Commercial Food Waste Grinder Units
ANSI/ASSE 1037-1990, Pressurized Flushing Devices

(Flushometers) for Plumbing Fixtures

ANSI/ASTM D2384-83 (R1989), Traces of Volatile Chlorides in Butane-Butene Mixtures, Method of Test for (05.01)

ANSI/ASTM D3354-89, Test Method for Blocking Load of Plastic Film by the Parallel Plate Method (08.03)

ANSI/ASTM D3520-88, Fluids (Magnetic Quencher Method), Test for Quenching Time of Heat Treating (05.02)

ANSI/ASTM D4740-87, Stability and Compatibility of Residual Fuels by Spot Test, Test Method for (05.03)

ANSI/AWS B2.1.001-90, Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 3/16 Through 3/4 Inch, in the as-Welded Condition, with Backing

ANSI/AWS B2.1.002-90, Gas Tungsten Arc Welding of Carbon Steel, (M-1/P-1, Group 1 or 2), 3/16 through 7/8 Inch, in the as-Welded Condition, with or without Backing

ANSI/AWS B2.1.003-90, Gas Metal Arc Welding of Galvanized Steel, 10 through 18 Gage, in the as-Welded Condition, with or without Backing

ANSI/AWS B2.1.004-90, Gas Metal Arc Welding of Carbon Steel (M1, Group 1), 10 through 18 Gage, in the as-Welded Condition, with or without Backing

ANSI/AWS B2.1.005-90, Gas Metal Arc Welding of Austenitic Stainless Steel (M-8 or P-8) 10 through 18 Gage, in the as-Welded Condition, with or without Backing

- ANSI/AWS B2.1.006-90, Gas Metal Arc Welding of Carbon Steel to Austenitic Stainless Steel (M-1 to M-18, or P-8), 10 through 18 Gage, in the as-Welded Condition, with or without Backing
- ANSI/AWS B2.1.007-90, Gas Tungsten Arc Welding of Galvanized Steel, 10 through 18 Gage, in the as-Welded Condition, with or without Backing
- ANSI/AWS B2.1.008-90, Gas Tungsten Arc Welding of Carbon Steel (M-1, Group 1), 10 through 18 Gage, in the as-Welded Condition, with or without Backing
- ANSI/AWS B2.1.010-90, Gas Tungsten Arc Welding of Carbon Steel to Austenitic Stainless Steel (M-1 to M-8 or P-8), 10 through 18 Gage, in the as-Welded Condition, with or without Backing
- ANSI/AWS B2.2-91, Brazing Procedure and Performance Qualification
- ANSI/AWWA C550-90, Protective Epoxy Interior Coatings for Valves and Hydrants
- ANSI/AWWA C701-88, Cold Water Meters - Turbine Type for Customer Service
- ANSI/AWWA C800-89, Underground Service Line Valves and Fittings
- ANSI/AWWA D120-84, Thermosetting Fiberglass-Reinforced Plastic Tanks
- ANSI/CEMA 403-1985, Unit Handling Conveyors - Belt Driven Live Roller Conveyors
- ANSI/DHI A115.13-1991, Preparation for Auxiliary Bored Deadlocks and Deadlatches in Standard Steel Doors and Steel Frames
- ANSI/EIA 172-B-1974 (R1988), Fixed Composition Resistors
- ANSI/EIA 286-A-1991, Measuring Forward Switching Characteristics of Semiconductor Diodes
- ANSI/EIA 296-E-1989, Lead Taping of Components in Axial Lead Configuration for Automatic Handling
- ANSI/EIA 337-1967 (R1981), Glass Coated Thermistor Beads and Thermistor Beads in Glass Probes and Glass Rods (Negative Temperature Coefficient), General Specification for
- ANSI/EIA 429-1976 (R1991), Connectors, Electrical Flat Cable Type, General Specification for
- ANSI/EIA 548-1988, Electronic Design Interchange Format Version 200
- ANSI/EIA 4920000-A-1987, Generic Specification for Optical Waveguide Fibers
- ANSI/EIA/TIA 455-46A-1990, Spectral Attenuation Measurement for Long-Length, Graded-Index Optical Fibers
- ANSI/EIA/TIA 455-51A-1991, Pulse Distortion Measurement of Multimode Glass Optical Fiber Information, Transmission Capacity
- ANSI/EIA/TIA 455-53A-1990, Attenuation by Substitution Measurement for Multimode Graded-Index Optical Fibers or Fiber Assemblies Used in Long-Length Communications Systems
- ANSI/EIA/TIA 455-173-1990, Coating Geometry Measurement for Optical Fiber Side View Method
- ANSI/FCI 70-2-1991, Control Valve Seat Leakage, Quality Control Standard for
- ANSI/FCI 75-1-1979 (R1991), Measuring Electrical Characteristics of Solenoid Valves, Test Conditions and Procedures for
- ANSI/FCI 82-1-1985 (R1991), Valves, Recommended Methods for Testing and Classifying the Water Hammer Characteristics of Electrically Operated
- ANSI/IEEE 113-1985, Test Procedures for Direct-Current Machines
- ANSI/IEEE 200-1975 (R1989), Electrical and Electronics Parts and Equipments, Reference Designations for
- ANSI/IEEE 201-1979, Television - Definitions of Terms
- ANSI/IEEE 211-1991, Definitions of Terms for Radio Wave Propagation
- ANSI/IEEE 319-1991, Magnetostrictive Materials-Piezomagnetic Nomenclature
- ANSI/IEEE 421.2-1990, Identification, Testing, and Evaluation of the Dynamic Performance of Excitation Control Systems
- ANSI/IEEE 421.4-1990, Guide for the Preparation of Excitation System Specifications
- ANSI/IEEE 493-1990, Industrial and Commercial Power Systems (IEEE Gold Book), Recommended Practice for Design of Reliable
- ANSI/IEEE 494-1974 (R1990), Identification of Documents Related to Class IE Equipment and Systems for Nuclear Power Generating Stations, Method for
- ANSI/IEEE 511-1979, Video Signal Transmission Measurement of Linear Waveform Distortion
- ANSI/IEEE 602-1986, Electric Systems in Health Care Facilities
- ANSI/IEEE 623-1976 (R1989), Grid and Mapping Used in Cable Television Systems, Graphic Symbols for
- ANSI/IEEE 741-1990, Nuclear Power Generating Stations, Criteria for the Protection of Class 1E Power Systems and Equipment in
- ANSI/IEEE 746-1984, A/D and D/A Converters for PCM Television Video Circuits, Performance Measurements of
- ANSI/IEEE 802.1a-1990, Local Area Network and Metropolitan Area Network - Overview and Architecture
- ANSI/IEEE 828-1990, Software Configuration Management Plans
- ANSI/IEEE 855-1990, Microprocessor Operating System Interfaces (MOSI), Standard Specification
- ANSI/IEEE 973-1990, Definitions of Switching System Performance in a Telecommunication Environment
- ANSI/IEEE 987-1985, Composite Insulators, Guide for Application of
- ANSI/IEEE 1016-1987, Software Design Descriptions, Recommended Practice for
- ANSI/IEEE 1028-1988, Software Reviews and Audits
- ANSI/IEEE 1094-1991, Recommended Practice for the Electrical Design and Operation of Windfarm Generating Stations
- ANSI/IEEE 1149.1-1990, Standard Test Access Port and Boundary Scan Architecture
- ANSI/IEEE 1180-1990, Implementation of 8×8 Inverse Discrete Cosine Transform
- ANSI/IEEE C37.66-1969 (R1988), Oil-Filled Capacitor Switches for Alternating-Current Systems, Requirements for
- ANSI/IEEE C37.71-1984 (R1990), Three Phase, Manually Operated Subsurface Load Interrupting Switches for Alternating-Current Systems, Requirements for
- ANSI/IES RP7-1990, Practice for Industrial Lighting
- ANSI/IPC CC-830-1984 (R1990), Electrical Insulating Compound for Printing Board Assemblies, Qualifications and Performance of
- ANSI/IPC CF-152-1990, Composite Metallic Materials - Specification for Printed Wiring Boards
- ANSI/IPC ET-652-1990, Guidelines and Requirements for Electrical Testing of Unpopulated Printed Boards
- ANSI/IPC FC-217-1982 (R1991), Electric, Header/Receptacle, Insulation Displacement for Use with Round Conductor Flat Cable, General Document for Connectors
- ANSI/IPC FC-222-1981 (R1991), Flat Cable, Round Conductor, Unshielded
- ANSI/IPC FC-231C-1991, Flexible Bare Dielectrics for Use in Flexible Printed Wiring
- ANSI/IPC FC-232C-1991, Adhesive Coated Dielectric Films for Use as Cover Sheets for Flexible Printed Wiring and Flexible Bonding Films
- ANSI/IPC QL-653-1989, Qualification of Facilities that Inspect/Test Printed Boards, Components, and Materials
- ANSI/IPC SF-818-1988, General Requirements for Electronic Soldering Fluxes
- ANSI/IPC SP-819-1988, General Requirements and Test Methods for Electronic Grade Solder Paste
- ANSI/ISA S12.15 Part I-1990, Performance Requirements for Hydrogen Sulfide Detection Instruments (10-100 ppm)
- ANSI/ISA S75.17-1991, Control Valve Aerodynamic Noise Prediction Method
- ANSI/ISO 5-1-1984, ANSI PH2.16-1984 (R1990), Photography - Terms, Symbols, and Notations - Density Measurements
- ANSI/(NFPA) T3.10.8.3-1990, Hydraulic Fluid Power - Filter Elements - Method for Determining the Quantity of Built-in Contaminant
- ANSI/(NFPA) T3.5.16-1991, Hydraulic Fluid Power - Flow Control Valves - Method for Measuring and Reporting Regulating Characteristics
- ANSI/NISO Z39.22-1989, Proof Corrections
- ANSI/RIA R15.02-1-1990, Human Engineering Design Criteria for Hand-Held Robot Control Pendants
- ANSI/SAE J1051-DEC88, Deflection of Seat Cushions for Off-Road Work Machines
- ANSI/SAE J1260-APR89, Standard Oil Filter Test Oil
- ANSI/SAE J846-JUN89, Coding Systems for Identification of Fluid Conductors and Connectors
- ANSI/UL 547-1991, Thermal Protectors for Motors
- ANSI/UL 1963-1991, Refrigerant Recovery/Recycling Equipment

Withdrawal of Accreditation and Associated American National Standards

Withdrawal of ANSI Accreditation of the American Foundry Society (AFS) and Associated American National Standards

The ANSI accreditation of the American Foundry Society (AFS) has been administratively withdrawn in accordance with clause 2.5 of the *ANSI Procedures for the Development and Coordination of American National Standards*, effective July 17, 2001. As a result, all American National Standards maintained by AFS are also administratively withdrawn, effective immediately. For information concerning these actions, please contact: Mr. Fred Kohloff, Director of Environmental Affairs, American Foundry Society, 505 State Street, Des Plaines, IL 60016-8399; telephone: (800) 537-4237; facsimile: (847) 824-7848; E-mail: fhk@afsinc.org <mailto:fhk@afsinc.org>. The standards that are being administratively withdrawn are:

- ANSI Z241.1-1999, Safety Requirements for Sand Preparation, Molding, and Coremaking in the Sand Foundry Industry
- ANSI Z241.2-1999, Safety Requirements for Melting and Pouring of Metals in the Metalcasting Industry
- ANSI Z241.3-1999, Safety Requirements for Cleaning and Finishing of Castings

Corrections

The scope and title of BSR/AAMI/ISO 13485 was incorrectly published for public review in the July 13, 2001 edition of *Standards Action*. The title and scope should read as:

BSR/AAMI/ISO 13485, Quality management systems - Medical devices - System requirements for regulatory purposes (revision of ANSI/AAMI/ISO 13485:1996). Specifies requirements for a quality management system where an organization needs to demonstrate its ability to provide medical devices that consistently meet customer requirements, including regulatory requirements applicable to medical devices. This 2nd edition is currently under development in ISO using parallel adoption.

The scope and title of BSR/AAMI/ISO 13488 was incorrectly published for public review in the July 27, 2001 edition of *Standards Action*. The title and scope should read as:

BSR/AAMI/ISO 13488, Quality Management systems - Medi-

cal devices - System requirements for regulatory purposes for manufacturing, inspection and testing, and distribution organizations (revision of ANSI/AAMI/ISO 13488:1996). Specifies requirements for a quality management system where an organization needs to demonstrate its ability to provide medical devices that consistently meet customer requirements, including regulatory requirements applicable to medical devices. This 2nd edition is currently under development in ISO using parallel adoption.

For inquiries contact Hillary Woehrle, AAMI; hillary_woehrle@AAMI.org

Draft Standards for Trial Use

In accordance with clause 3.4.4, Draft standards for trial use, of the *ANSI Procedures for the Development and Coordination of American National Standards*, the availability of the following draft standard for trial use is announced:

Trial use period: July 9, 2001 through July 9, 2002

DIETARY SUPPLEMENTS

BSR/NSF 173, Dietary Supplements (Draft Standard for Trial Use)

Contains requirements for dietary supplements, included but not limited to any product intended to supplement the diet that bears or contains one or more of the following dietary ingredients: a vitamin, a mineral, a herb or other botanical, an amino acid, a dietary substance for use by man to supplement the diet by increasing the total dietary intake; or a concentrate, metabolite, constituent, extract, or combinations of these ingredients. The scope of this Draft Standard includes products that are included in one of the following dietary supplement categories: Category I - single ingredient supplements or multiple ingredient supplements containing up to one dietary ingredient other than vitamins and minerals; Category II - multiple ingredient supplements containing two or more ingredients other than vitamins or minerals; Category III - multiple ingredient supplements containing only ingredients other than vitamins or minerals. Products and ingredients deemed an imminent hazard to public health or safety by a Federal agency having jurisdiction shall be excluded from the scope of this document.

Single copy price: \$50.00

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Send comments (with copy to BSR) to: Marie Whybark, NSF;
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Call for Comment Contact Information

Note: The addresses listed in this section are to be used in conjunction with standards listed in Call for Comment. This section is a list of developers who submit standards for public review on a regular basis; it is not intended to be a list of all ANSI developers. Please send all address corrections to: Standards Action Editor, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or standact@ansi.org.

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HIBCC

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

HL7

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

HPS

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

HPVA

Hardwood Plywood & Veneer
Association
P.O. Box 2789
Reston, VA 20195
www.hpva.org

ICC

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

ICEA

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

IEEE

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

IESNA

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

IIE

Institute of Industrial Engineers
25 Technology Park
Norcross, GA 30092

IIMA

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

IPC

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

ISA

ISA—The Instrumentation, Systems, and
Automation Society
67 Alexander Drive
P.O. Box 12277
Research Triangle Park, NC 27709

ISEA

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

ITI

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

KCMA

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

LIA

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

LLNL

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

MHI

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

NAA-1

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

NAA-2

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

NAAMM-1

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

NAAMM-2

7611 Nancy Drive
Norfolk, VA 23518-4635

NACE International

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

NBBPVI

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

NCCLS

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

NCITS

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

NCPDP

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

NECA

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

NEMA

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

NETA

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

(NFPA)

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

NFPA (To order publications)

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

NFPA (For all other inquiries)

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

NGA

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

NGCMA

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

NIMS

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

NIRMA

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

NISO-1

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

NISO-2

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

NISO Press

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

NIST

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

NPES

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

NSAA

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

NSC

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

NSF International

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

NSPI

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

NWWDA

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

OEOSC

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

OLA

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

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OPEI

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

ORISE

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

PFERD Milwaukee Brush company

P.O. Box 830
Menomonee Falls, WI 53052

PIMA

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

PMI

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

PMMI

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

PPEMA

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

RESNA

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

RIA

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

RMA

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

RMI

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

Rohm and Haas Co.

727 Norristown Road
Spring House, PA 19477

RVIA

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

SAE

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

SCTE

Society of Cable Telecommunica-
tions Engineers, Inc.
140 Phillips Road
Exton, PA 19341
PHONE: (610) 363-6888
FAX: (610) 363-7133
email: standards@sccte.org

SDI

Steel Door Institute
30200 Detroit Road
Cleveland, OH 44145

SES

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

SIA-1

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

SIA-2

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

SJI

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

SMACNA

4201 Lafayette Center Drive
Chantilly, VA 20151

SMPTE

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

SPI

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

SSCI

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

SVIA

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

Techstreet

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

TCA

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

TIA

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

Truss Plate Institute

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

UAMA

Unified Abrasive Manufacturers'
Association
30200 Detroit Road
Cleveland, OH 44145-1967

UCC

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

UL-NY

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1285 Walt Whitman Road
Melville, NY 11747-3081

UL-IL

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

UL-NC

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

UL-CA

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

USO PRO

5300 International Blvd.
N. Charleston, SC 29418

VITA

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

Wherry Associates

30200 Detroit Rd.
Westlake, OH 44145-1967

WMMA

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

Final actions on American National Standards

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

ACCELEROMETERS

ANSI S2.61-1989 (R2001), Guide to the Mechanical Mounting of Accelerometers (reaffirmation of ANSI S2.61-1989 (R1997)): 7/10/2001

ACOUSTICS

ANSI S1.4-1983 (R2001), Sound Level Meters, Specification (reaffirmation of ANSI S1.4-1983 (R1997)): 7/10/2001

ANSI S1.6-1984 (R2001), Preferred Frequencies, Frequency Levels, and Band Numbers for Acoustical Measurements (reaffirmation of ANSI S1.6-1984 (R1997)): 7/10/2001

ANSI S1.8-1989 (R2001), Reference Quantities for Acoustical Levels (reaffirmation of ANSI S1.8-1989 (R1997)): 7/10/2001

ANSI S1.9-1996 (R2001), Instruments for the Measurement of Sound Intensity (reaffirmation of ANSI S1.9-1996): 7/10/2001

ANSI S1.40-1984 (R2001), Specifications for Acoustical Calibrators (reaffirmation of ANSI S1.40-1984 (R1997)): 7/10/2001

ANSI S12.1-1983 (R2001), Preparation of Standard Procedures to Determine the Noise Emission from Sources, Guidelines (reaffirmation of ANSI S12.1-1983 (R1996)): 7/10/2001

ANSI S12.3-1985 (R2001), Statistical Methods for Determining and Verifying Stated Noise Emission Values of Machinery and Equipment (reaffirmation of ANSI S12.3-1985 (R1996)): 7/10/2001

ANSI S12.9-Part 4-1996 (R2001), Quantities and Procedures for Description and Measurement of Environmental Sound - Part 4: Noise Assessment and Prediction of Long-Term Community Response (reaffirmation of ANSI S12.9-1996 (Part 4)): 7/10/2001

- ANSI S12.17-1996 (R2001), Impulse Sound Propagation for Environmental Noise Assessment (reaffirmation of ANSI S12.17-1996): 7/10/2001

- ANSI S12.19-1996 (R2001), Measurement of Occupational Noise Exposure (reaffirmation of ANSI S12.19-1996): 7/10/2001

ANSI S12.23-1989 (R2001), Method for the Designation of Sound Power Emitted by Machinery and Equipment (reaffirmation of ANSI S12.23-1989 (R1996)): 7/10/2001

ANSI S12.31-1990 (R2001), Broad-Band Noise Sources in Reverberation Rooms, Precision Methods for the Determination of Sound Power Levels (reaffirmation of ANSI S12.31-1990 (R1996)): 7/10/2001

ANSI S12.32-1990 (R2001), Discrete-Frequency and Narrow-Band Noise Sources in Reverberation Rooms, Precision Methods for the Determination of Sound Power Levels (reaffirmation of ANSI S12.32-1990 (R1996)): 7/10/2001

ANSI S12.35-1990 (R2001), Sound Power Levels of Noise Sources in Anechoic and Hemi-Anechoic Rooms, Determination (reaffirmation of ANSI S12.35-1990 (R1996)): 7/10/2001

- ANSI S3.36-1985 (R2001), Specification for a Manikin for Simulated in-Situ Airborne Acoustic Measurements (reaffirmation of ANSI S3.36-1985 (R1996)): 7/10/2001

ANSI S3.41-1990 (R2001), Audible Emergency Evacuation Signal (reaffirmation of ANSI S3.41-1990 (R1996)): 7/10/2001

- ANSI S3.44-1996 (R2001), Determination of Occupational Noise Exposure and Estimation of Noise Induced Hearing Impairment (reaffirmation of ANSI S3.44-1996): 7/10/2001

AEROSPACE PRACTICES

ANSI/AIAA G-035A-2000, Human Performance Measurements (revision of ANSI/AIAA G-035-1992): 7/9/2001

ATMOSPHERES

ANSI S2.20-1983 (R2001), Air Blast Characteristics for Single Point Explosions in Air, with a Guide to Evaluation of Atmospheric Propagation and Effects (reaffirmation of ANSI S2.20-1983 (R1997)): 7/10/2001

ELECTRONICS

ANSI S2.3-1964 (R2001), Specifications for a High-Impact Shock Machine for Electronic Devices (reaffirmation of ANSI S2.3-1964 (R1997)): 7/10/2001

FITTINGS, FLANGES AND VALVES

- ★ ANSI Z21.22b-2001, Relief Valves for Hot Water Supply Systems (same as CSA 4.4b) (supplement to ANSI Z21.22-1999, ANSI Z21.22a-1999): 7/19/2001

ANSI/AWWA C508-01, Swing-Check Valves for Waterworks Service (revision of ANSI/AWWA C508-93): 7/19/2001

MECHANICAL MOBILITY

ANSI S2.31-1979 (R2001), Methods for the Experimental Determination of Mechanical Mobility, Part I: Basic Definitions and Transducers (reaffirmation of ANSI S2.31-1979 (R1997)): 7/10/2001

ANSI S2.32-1982 (R2001), Methods for the Experimental Determination of Mechanical Mobility, Part II: Measurements Using Single-Point Translation Excitation (reaffirmation of ANSI S2.32-1982 (R1997)): 7/10/2001

ANSI S2.34-1984 (R2001), Guide to the Experimental Determination of Rotational Mobility Properties and the Complete Mobility Matrix (reaffirmation of ANSI S2.34-1984 (R1997)): 7/10/2001

MEDICAL MATERIEL

- ANSI/AAMI BP22-1994 (R2001), Blood Pressure Transducers (reaffirmation of ANSI/AAMI BP22-1994): 7/23/2001

METERS AND METERING

ANSI C12.1-2001, Electric Meters - Codes for Electricity Metering (revision of ANSI C12.1-1995): 7/9/2001

MICROPHONES

ANSI S1.10-1966 (R2001), Calibration of Microphones, Method (reaffirmation of ANSI S1.10-1966 (R1997)): 7/10/2001

ANSI S1.15, Part 1-1997 (R2001), Measurement Microphones - Part 1: Specifications for Laboratory Standard Microphones (reaffirmation of ANSI S1.15, Part 1-1997): 7/10/2001

MOUNTINGS

ANSI S2.8-1972 (R2001), Resilient Mountings, Guide for Describing the Characteristics (reaffirmation of ANSI S2.8-1972 (R1997)): 7/10/2001

PUMPS

ANSI/ASME B73.5M-1995 (R2001), Specification for Thermoplastic and Thermoset Polymer Material Horizontal End Suction Centrifugal Pumps for Chemical Process (reaffirmation of ANSI/ASME B73.5M-1995): 7/9/2001

SHOCK AND VIBRATION

- ANSI S2.4-1976 (R2001), Method for Specifying the Characteristics of Auxiliary Analog Equipment for Shock and Vibration Measurements (reaffirmation of ANSI S2.4-1976 (R1997)): 7/10/2001
- ANSI S2.5-1962 (R2001), Recommendations for Specifying the Performance of Vibration Machines (reaffirmation of ANSI S2.5-1962 (R1997)): 7/10/2001
- ANSI S2.10-1971 (R2001), Methods for Analysis and Presentation of Shock and Vibration Data (reaffirmation of ANSI S2.10-1971 (R1997)): 7/10/2001
- ANSI S2.11-1969 (R2001), Calibrations and Tests for Electrical Transducers Used for Measuring Shock and Vibration, Selection (reaffirmation of ANSI S2.11-1969 (R1997)): 7/10/2001
- ANSI S2.2-1959 (R2001), Methods for the Calibration of Shock and Vibration Pickups (reaffirmation of ANSI S2.2-1959 (R1997)): 7/10/2001
- ANSI S2.13-Part 1-1996 (R2001), Mechanical Vibration of Non-Reciprocating Machines - Measurements on Rotating Shafts and Evaluation - Part 1: General Guidelines (reaffirmation of ANSI S2.13-1996 (Part 1)): 7/10/2001
- ANSI S2.14-1973 (R2001), Performance of Shock Machines, Methods for Specifying (reaffirmation of ANSI S2.14-1973 (R1997)): 7/10/2001
- ANSI S2.15-1972 (R2001), Design, Construction, and Operation of Class HI (High Impact) Shock-Testing Machine for Lightweight Equipment, Specification (reaffirmation of ANSI S2.15-1972 (R1997)): 7/10/2001
- ANSI S2.16-1997 (R2001), Vibration Noise Measurements and Acceptance Criteria of Shipboard Equipment (reaffirmation of ANSI S2.16-1997): 7/10/2001
- ANSI S2.17-1980 (R2001), Machinery Vibration Measurement (reaffirmation of ANSI S2.17-1980 (R1997)): 7/10/2001
- ANSI S2.38-1982 (R2001), Field Balancing Equipment - Description and Evaluation (reaffirmation of ANSI S2.38-1982 (R1997)): 7/10/2001
- ANSI S3.29-1983 (R2001), Guide to the Evaluation of Human Exposure to Vibration in Buildings (reaffirmation of ANSI S3.29-1983 (R1996)): 7/10/2001
- ANSI S2.40-1984 (R2001), Mechanical Vibration of Rotating and Reciprocating Machinery - Requirements for Instruments for Measuring Vibration Severity (reaffirmation of ANSI S2.40-1984 (R1997)): 7/10/2001
- ANSI S2.41-1985 (R2001), Mechanical Vibration of Large Rotating Machines with Speed Range from 10 to 200 rev/s - Measurement and Evaluation of Mechanical Vibration Severity in situ (reaffirmation of ANSI S2.41-1985 (R1997)): 7/10/2001
- ANSI S2.42-1982 (R2001), Procedures for Balancing Flexible Rotors (reaffirmation of ANSI S2.42-1982 (R1997)): 7/10/2001
- ANSI S2.43-1984 (R2001), Criteria for Evaluating Flexible Rotor Balance (reaffirmation of ANSI S2.43-1984 (R1997)): 7/10/2001
- ANSI S2.45-1983 (R2001), Electrodynamical Test Equipment for Generating Vibration - Method of Describing Equipment Characteristics (reaffirmation of ANSI S2.45-1983 (R1997)): 7/10/2001
- ANSI S2.46-1989 (R2001), Characteristics to be Specified for Seismic Transducers (reaffirmation of ANSI S2.46-1989 (R1997)): 7/10/2001
- ANSI S2.47-1990 (R2001), Vibration of Buildings - Guidelines for the Measurement of Vibrations and Evaluation of Their Effects on Buildings (reaffirmation of ANSI S2.47-1990 (R1997)): 7/10/2001
- ANSI S2.48-1993 (R2001), Servo-Hydraulic Test Equipment for Generating Vibration - Methods of Describing Characteristics (reaffirmation of ANSI S2.48-1993 (R1997)): 7/10/2001
- ANSI S2.58-1983 (R2001), Auxiliary Tables for Vibration Generators - Methods of Describing Equipment Characteristics (reaffirmation of ANSI S2.58-1983 (R1997)): 7/10/2001
- ★ ANSI S2.60-1987 (R2001), Balancing Machines - Enclosures and Other Safety Measures (reaffirmation of ANSI S2.60-1987 (R1997)): 7/10/2001

TERMINOLOGY

- ANSI S2.7-1982 (R2001), Balancing Terminology (reaffirmation of ANSI S2.7-1982 (R1997)): 7/10/2001

VIBRATION DAMPERS

- ANSI S2.9-1976 (R2001), Nomenclature for Specifying Damping Properties of Materials (reaffirmation of ANSI S2.9-1976 (R1997)): 7/10/2001

ASTM Standards**ACOUSTICS**

- ANSI/ASTM C423-01, Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method (revision of ANSI/ASTM C423-99): 7/10/2001

BUILDING MATERIALS

- ANSI/ASTM E84-00A (R01), Test Method for Surface Burning Characteristics of Building Materials (reaffirmation of ANSI/ASTM E84-00A): 7/17/2001

BUILDINGS

- ANSI/ASTM E2156-01, Guide for Evaluating Economic Performance of Alternative Designs, Systems, and Materials in Compliance With Performance Standard Guides for Single-Family Attached and Detached Dwellings (new standard): 6/10/2001

CASTINGS

- ANSI/ASTM B240-01, Specification for Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form for Foundry and Die Castings (revision of ANSI/ASTM B240-98): 7/3/2001
- ANSI/ASTM B892-01, Specification for Zinc-Copper-Aluminum Alloy in Ingot Form for Die Castings (revision of ANSI/ASTM B892-98): 7/3/2001

CHEMICALS

- ANSI/ASTM D2384-01, Test Methods for Traces of Volatile Chlorides in Butane-Butene Mixtures (new standard): 1/16/2001
- ANSI/ASTM D3447-00a (R01), Test Method for Purity of Trichlorotrifluoroethane (reaffirmation of ANSI/ASTM D3447-00a): 7/17/2001

CHROMATOGRAPHY

- ANSI/ASTM D2580-94 (R01), Test Method for Phenols in Water by Gas-Liquid Chromatography (reaffirmation of ANSI/ASTM D2580-94): 7/17/2001
- ANSI/ASTM D3695-95 (R01), Test Method for Volatile Alcohols in Water by Direct Aqueous-Injection Gas Chromatography (reaffirmation of ANSI/ASTM D3695-95): 7/17/2001

ELECTRICITY

- ANSI/ASTM A773/A773M-01, Test Method for DC Magnetic Properties of Materials Using Ring and Permeameter Procedures with DC Electronic Hysteresigraphs (revision of ANSI/ASTM A773-96): 7/10/2001
- ANSI/ASTM B522-01, Specification for Gold-Silver-Platinum Electrical Contact Alloy (revision of ANSI/ASTM B522-90 (R95)): 7/17/2001
- ANSI/ASTM B541-01, Specification for Gold Electrical Contact Alloy (revision of ANSI/ASTM B541): 7/17/2001
- ANSI/ASTM B563-01, Specification for Palladium-Silver-Copper Electrical Contact Alloy (new standard): 7/3/2001
- ANSI/ASTM B603-01, Specification for Drawn or Rolled Iron-Chromium-Aluminum Alloys for Electrical Heating Elements (new standard): 7/3/2001
- ANSI/ASTM B683-01, Specification for Pure Palladium Electrical Contact Material (revision of ANSI/ASTM B683-90 (R95)): 7/17/2001

ANSI/ASTM B685-01, Specification for Palladium-Copper Electrical Contact Material (revision of ANSI/ASTM B685-90 (R95)): 7/17/2001

FIRE TESTS

- ANSI/ASTM E662-01, Test Method for Specific Optical Density of Smoke Generated by Solid Materials (revision of ANSI/ASTM E662-97): 7/17/2001

FUELS

ANSI/ASTM D4740-01, Test Method for Cleanliness and Compatibility of Residual Fuels by Spot Test (new standard): 1/16/2001

GARMENTS, PROTECTIVE

- ANSI/ASTM F1301-90 (R01), Practice for Labeling Chemical Protective Clothing (reaffirmation of ANSI/ASTM F1301-90 (R96)): 7/17/2001
- ANSI/ASTM F1446-01, Test Methods for Equipment and Procedures Used in Evaluating the Performance Characteristics of Protective Headgear (revision of ANSI/ASTM F1446-00): 7/10/2001
- ANSI/ASTM F1494-01, Terminology Relating to Protective Clothing (revision of ANSI/ASTM F1494-99): 7/17/2001

HEAT EXCHANGERS

ANSI/ASTM B163-01, Specification for Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes (revision of ANSI/ASTM B163-98A): 7/3/2001

HOBBY AND SPORTS EQUIPMENT

- ANSI/ASTM F381-01, Specification for Safety Specification for Components Assembly Use and Labeling of Consumer Trampolines (revision of ANSI/ASTM F381-99): 7/10/2001
- ANSI/ASTM F429-01, Test Method for Shock-Attenuation Characteristics of Protective Headgear for Football (revision of ANSI/ASTM F429-00): 7/10/2001
- ANSI/ASTM F803-01A, Specification for Eye Protectors for Selected Sports (revision of ANSI/ASTM F803-01): 7/10/2001
- ANSI/ASTM F1890-01, Test Method for Measuring Softball Bat Performance Factor (revision of ANSI/ASTM F1890-98): 7/10/2001
- ANSI/ASTM F1898-01, Specification for Bicycle Helmets Used by Infants and Toddlers (revision of ANSI/ASTM F1898-00): 7/10/2001
- ANSI/ASTM F2106-01, Test Method for Evaluating Design and Performance Characteristics of Motorized Treadmills (new standard): 7/10/2001
- ANSI/ASTM F2115-01, Test Method for Motorized Treadmills (new standard): 7/10/2001
- ANSI/ASTM F2117-01, Test Method for Vertical Rebound Characteristics of Sports Surface/Ball Systems; Acoustical Measurement (new standard): 7/10/2001
- ANSI/ASTM F2120-01, Practice for Testing Treestand Load Capacity (new standard): 7/10/2001
- ANSI/ASTM F2121-01, Practice for Treestand Labels (new standard): 7/10/2001
- ANSI/ASTM F2122-01, Practice for Treestand and Safety Devices (new standard): 7/10/2001
- ANSI/ASTM F2123-01, Practice for Treestand Instructions (new standard): 7/10/2001
- ANSI/ASTM F2124-01, Practice for Testing Ladder Treestand, Tripod Treestand and Climbing Stick Load Capacity (new standard): 7/10/2001
- ANSI/ASTM F2125-01, Test Method for Treestand Static Stability (new standard): 7/10/2001
- ANSI/ASTM F2126-01, Test Method for Treestand Static Load Capacity (new standard): 7/10/2001
- ANSI/ASTM F2127-01, Test Method for Treestand Adherence (new standard): 7/10/2001
- ANSI/ASTM F2128-01, Test Method for Treestand and Repetitive Loading Capability (new standard): 7/10/2001

INSULATORS

ANSI/ASTM A937/A937M-01, Test Method for Determining Interlaminar Resistance of Insulating Coatings Using Two Adjacent Test Surfaces (revision and redesignation of ANSI/ASTM A937-95): 7/10/2001

ION EXCHANGE

ANSI/ASTM D3375-95 (R01), Test Method for Column Capacity of Particulate Mixed Bed Ion Exchange Materials (reaffirmation of ANSI/ASTM D3375-95): 7/17/2001

LABORATORIES

ANSI/ASTM D6689-01, Guide for Optimizing, Controlling and Reporting Test Method Uncertainties From Multiple Workstations in the Same Laboratory Organization (new standard): 7/17/2001

MAGNETIC MATERIALS

ANSI/ASTM A340-01, Terminology of Symbols and Definitions Relating to Magnetic Testing (revision of ANSI/ASTM A340-99A): 7/10/2001

MEDICAL MATERIEL

- ANSI/ASTM F2100-01, Specification for Performance of Materials Used in Medical Face Masks (new standard): 5/10/2001
- ANSI/ASTM F2101-01, Test Method for Evaluating the Bacterial Filtration Efficiency (BFE) of Medical Face Mask Materials, Using a Biological Aerosol of *Staphylococcus Aureus* (new standard): 4/10/2001

METALS AND ALLOYS

ANSI/ASTM B69-01, Specification for Rolled Zinc (revision of ANSI/ASTM B69-98A): 7/3/2001

ANSI/ASTM B327-01, Specification for Master Alloys Used in Making Zinc Die Casting Alloys (revision of ANSI/ASTM B327-98): 7/3/2001

ANSI/ASTM B366-01, Specification for Factory-Made Wrought Nickel and Nickel Alloy Fittings (revision of ANSI/ASTM B366-00): 7/3/2001

ANSI/ASTM B476-01, Specification for General Requirements for Wrought Precious Metal (new standard): 7/3/2001

ANSI/ASTM B626-01, Specification for Welded Nickel and Nickel-Cobalt Alloy Tube (revision of ANSI/ASTM B626-00): 7/3/2001

ANSI/ASTM B753-01, Specification for Thermostat Component Alloys (new standard): 7/3/2001

ANSI/ASTM B792-01, Specification for Zinc Alloys in Ingot Form for Slush Casting (revision of ANSI/ASTM B792-98): 7/3/2001

ANSI/ASTM B793-01, Specification for Zinc Casting Alloy Ingot for Sheet Metal Forming Dies and Plastic Injection Molds (revision of ANSI/ASTM B793-98): 7/3/2001

ANSI/ASTM B810-01, Test Method for Calibration of Atmospheric Corrosion Test Chambers by Change in Mass of Copper Coupons (revision of ANSI/ASTM B810-00): 7/3/2001

ANSI/ASTM B899-01, Terminology Relating to Non-F Metals and Alloys (revision of ANSI/ASTM B899-99A): 7/3/2001

RESISTORS

ANSI/ASTM B114-01, Test Method for Temperature-Resistance Constants of Sheet Materials for Shunts and Precision Resistors (new standard): 7/3/2001

ANSI/ASTM B267-01, Specification for Wire for Use in Wire-Wound Resistors (new standard): 7/3/2001

SOLDERING

ANSI/ASTM B907-01, Specification for Zinc, Tin and Cadmium Base Solders (revision of ANSI/ASTM B907-01): 7/3/2001

SOLVENTS

- ANSI/ASTM D2108-97 (R01), Test Method for Color of Halogenated Organic Solvents and their Admixtures (Platinum-Cobalt Scale) (reaffirmation of ANSI/ASTM D2108-97): 7/17/2001
- ANSI/ASTM D3401-97 (R01), Test Method for Water in Halogenated Organic Solvents and their Admixtures (reaffirmation of ANSI/ASTM D3401-97): 7/17/2001

SPORTS AND RECREATION

- ANSI/ASTM F1776-01, Specification for Eye Protective Devices for Paintball Sports (revision of ANSI/ASTM F1776-99A): 7/10/2001
 - ANSI/ASTM F2075-01, Specification for Engineered Wood Fiber for Use as a Playground Safety Surface Under and Around Playground Equipment (new standard): 7/10/2001
- ANSI/ASTM F2107-01, Guide for Construction and Maintenance of Skinned Areas on Sports Fields (new standard): 7/3/2001

STEEL

- ANSI/ASTM B852-01A, Specification for Continuous Galvanizing Grade (CGG) Zinc Alloys for Hot-Dip Galvanizing of Sheet Steel (revision of ANSI/ASTM B852-01): 7/3/2001
- ANSI/ASTM B860-01A, Specification for Zinc Master Alloys for Use in Hot Dip Galvanizing (revision of ANSI/ASTM B860-01): 7/3/2001

TESTING

- ANSI/ASTM A717/A717M-01, Test Method for Surface Insulation Resistivity of Single-Strip Specimens (revision of ANSI/ASTM A717-95): 7/10/2001

THERMOELECTRIC MATERIALS

- ANSI/ASTM B63-01, Test Method for Resistivity of Metallically Conducting Resistance and Contact Materials (new standard): 7/3/2001

- ANSI/ASTM B77-01, Test Method for Thermoelectric Power of Electrical-Resistance Alloys (new standard): 7/3/2001
- ANSI/ASTM B78-01, Test Method of Accelerated Life of Iron-Chromium-Aluminum Alloys for Electrical Heating (new standard): 7/3/2001
- ANSI/ASTM B84-01, Test Method for Temperature-Resistance Constants of Alloy Wires for Precision Resistors (new standard): 7/3/2001
- ANSI/ASTM B70-90 (R01), Test Method for Change of Resistance With Temperature of Metallic Materials for Electrical Heating (new standard): 7/3/2001

WATER AND WASTEWATER

- ANSI/ASTM D596-01, Practice for Reporting Results of Analysis of Water (revision of ANSI/ASTM D596-95): 7/17/2001
- ANSI/ASTM D1129-01, Terminology Relating to Water (revision of ANSI/ASTM D1129-99): 7/17/2001
- ANSI/ASTM D6097-01, Test Method for Relative Resistance to Vented Water-Tree Growth in Solid Dielectric Insulating Materials (revision of ANSI/ASTM D6097-97A): 5/10/2001
- ANSI/ASTM D6697-01, Test Method for Determination for Chemical Oxygen Demand (Manganese III Oxygen Demand) of Water (new standard): 7/17/2001
- ANSI/ASTM D6698-01, Test Method for On-Line Measurement of Turbidity Below 5 Ntu in Water (new standard): 7/17/2001
- ANSI/ASTM D1291-01, Practice for Estimation of Chlorine Requirement or Demand of Water, or Both (revision of ANSI/ASTM D1291-89(1994)): 7/17/2001
- ANSI/ASTM D1385-01, Test Method for Hydrazine in Water (revision of ANSI/ASTM D1385-88(2001)): 7/17/2001

WIRE

- ANSI/ASTM B833-01, Specification for Zinc and Zinc Alloy Wire for Thermal Spraying Metallizing (revision of ANSI/ASTM B833-99): 7/3/2001



ISO Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to Henrietta Scully at ANSI's New York Offices. The final date for offering comments is listed after each draft.

Ordering Instructions

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

ISO Draft Standards

DOORS AND WINDOWS (TC 162)

- ISO/DIS 6612, Windows and doors - Resistance to wind load - Test method - 10/20/2001, \$42.00
- ISO/DIS 6613, Windows and doors - Air permeability - Test method - 10/20/2001, \$38.00
- ISO/DIS 8270, Windows and curtain walling, doors, blinds and shutters - Determination of the resistance to soft and heavy body impact for doors - 10/20/2001, \$38.00
- ISO/DIS 8275, Hinged or pivoted doors - Determination of the resistance to vertical load - 10/20/2001, \$35.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

- ISO/DIS 19110, Geographic information - Methodology for feature cataloguing - 10/20/2001, \$98.00

GRAPHICAL SYMBOLS (TC 145)

- ISO/DIS 7010, Graphical symbols - Safety signs in workplaces and public areas - 10/6/2001, \$72.00
- ISO/DIS 17724, Graphical symbols - Vocabulary - 10/27/2001, \$50.00

HEALTH INFORMATICS (TC 215)

- ISO/DIS 18812, Health Informatics - Clinical analyser interfaces to laboratory information systems - Use of profiles - 10/13/2001, \$105.00

METALLIC AND OTHER INORGANIC COATINGS (TC 107)

- ISO/DIS 17834, Thermal spraying - Coatings for protection against corrosion and oxidation at elevated temperatures - 10/27/2001, \$38.00

MICROBEAM ANALYSIS (TC 202)

- ISO/DIS 14594, Microbeam analysis - Electron probe microanalysis - Guidelines for the determination of experimental parameters for wavelength dispersive spectroscopy - 10/27/2001, \$54.00

- ISO/DIS 14595, Microbeam analysis - Electron probe microanalysis - Guidelines for the specification of certified reference materials (CRMs) - 10/27/2001, \$62.00

NON-DESTRUCTIVE TESTING (TC 135)

- ISO/DIS 18175, Non-destructive testing - Evaluating performance characteristics of ultrasonic pulse-echo testing systems without the use of electronic measurement instruments - 10/27/2001, \$62.00

PLASTICS (TC 61)

- ISO/DIS 16014-2, Plastics - Determination of average molecular mass and molecular mass distribution of polymers using size-exclusion chromatography - Part 2: Universal calibration method - 10/27/2001, \$54.00
- ISO/DIS 16014-4, Plastics - Determination of average molecular mass and molecular mass distribution of polymers using size-exclusion chromatography - Part 4: High-temperature method - 10/27/2001, \$54.00

ROAD VEHICLES (TC 22)

- ISO/DIS 22628, Road vehicles - Recyclability and recoverability - Calculation method - 10/20/2001, \$42.00

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

- ISO/DIS 7200, Technical product documentation - Data fields in title blocks and document headers - 7/21/2001, \$38.00

ISO/IEC JTC 1, Information Technology

- ISO/IEC DIS 16448, Information technology - 120 mm DVD - Read-only disk - 10/29/2001, \$120.00
- ISO/IEC DIS 16449, Information technology - 80 mm DVD - Read-only disk - 10/29/2001, \$120.00

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.

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 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.

BLINDS

- prEN 14201, Blinds and shutters - Resistance to repeated operations - Methods of testing - November 28, 2001, \$62.00
- prEN 14202, External blinds and shutters - Suitability for use of tubular and square motorization - Requirements and test method - November 28, 2001, \$42.00
- prEN 14203, Internal and external blinds and shutters - Capability for use of mechanical drive systems with crank handle (T.O.) - November 28, 2001, \$84.00

EARTH-MOVING MACHINERY

- prEN 474-1 REVIEW, Earth-moving machinery - Safety - Part 1: General requirements - November 28, 2001, \$120.00
- prEN 474-2 REVIEW, Earth-moving machinery - Safety - Part 2: Requirements for tractor-dozers - November 28, 2001, \$54.00
- prEN 474-3 REVIEW, Earth-moving machinery - Safety - Part 3: Requirements for loaders - November 28, 2001, \$20.00
- prEN 474-4 REVIEW, Earth-moving machinery - Safety - Part 4: Requirements for backhoe loaders - November 28, 2001, \$72.00
- prEN 474-5 REVIEW, Earth-moving machinery - Safety - Part 5: Requirements for hydraulic excavators - November 28, 2001, \$84.00
- prEN 474-6 REVIEW, Earth-moving machinery - Safety - Part 6: Requirements for dumpers - November 28, 2001, \$62.00
- prEN 474-7 REVIEW, Earth-moving machinery - Safety - Part 7: Requirements for scrapers - November 28, 2001, \$48.00
- prEN 474-8 REVIEW, Earth-moving machinery - Safety - Part 8: Requirements for graders - November 28, 2001, \$48.00
- prEN 474-9 REVIEW, Earth-moving machinery - Safety - Part 9: Requirements for pipelayers - November 28, 2001, \$58.00

- prEN 474-10 REVIEW, Earth-moving machinery - Safety - Part 10: Requirements for Trenchers - November 28, 2001, \$58.00
- prEN 474-11 REVIEW, Earth-moving machinery - Safety - Part 11: Requirements for earth and landfill compactors - November 28, 2001, \$48.00

STONE

- prEN 14205, Natural stone test method - Determination of Knoop hardness - November 28, 2001, \$42.00

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.

BITUMINOUS MIXTURES

- prEN 12697-10, Bituminous mixtures - Test methods for hot mix asphalt - Part 10: Compactability

CRANES

- prEN 13155, Cranes - Safety - Non-fixed load lifting attachments, \$88.00

EXPLOSIVE ATMOSPHERES

- prEN 13463-1, Non-electrical equipment for potentially explosive atmospheres - Part 1: Basic methodology and requirements

FERTILIZERS

- prEN 13266, Slow-release fertilizers - Determination of the rate of release of nutrients - Method for coated fertilizers

GAS CYLINDERS

- prEN 1802, Transportable Gas cylinders - Periodic inspection and testing of seamless aluminium alloy gas cylinders
- prEN 1803, Transportable Gas cylinders - Periodic inspection and testing of welded carbon steel gas cylinders
- prEN 1968, Transportable Gas cylinders - Periodic inspection and testing of seamless steel gas cylinders

LIMING MATERIALS

prEN 13475, Liming materials - Determination of calcium content - Oxalate method

LIQUEFIED NATURAL GAS

prEN 13645, Installations and equipment for liquefied natural gas - Design of onshore installations with a storage capacity between 5 t and 200 t

LIQUID PROPANE

prEN 12979, Automotive LPG-systems - Installation requirements
prEN 13109, LPG tanks - Disposal

MACHINERY

prEN 1870-5, Safety of woodworking machines - Circular sawing machines - Part 5: Combined circular sawbench/up cutting cross cut saw
prEN 1870-6, Safety of woodworking machines - Circular sawing machines - Part 6: Firewood sawing machine/circular saw bench with manual loading and/or unloading

MASONRY

prEN 772-14, Methods of test for masonry units - Part: 14: Determination of moisture movement of aggregate concrete and manufactured stone masonry units

MEDICAL DEVICES

prEN ISO 10993-14, Biological evaluation of medical devices - Part 14: Identification and quantification of degradation products from ceramics (ISO/FDIS 10933-14:2001)

OPTICS

prEN ISO 11145 REVIEW, Optics and optical instruments - Lasers and laser related equipment - Vocabulary and symbols (ISO/FDIS 11145:2001)

PAINT

prEN ISO 3262-12, Extenders for paints - Specifications and methods of test - Part 12: Muscovite-type mica (ISO/FDIS 3262-12:2001)
prEN ISO 3262-22, Extenders for paints - Specifications and methods of test - Part 22: Flux-calcined kieselguhr (ISO/FDIS 3262-22:2001)

PLASTICS

prEN ISO 4610 REVIEW, Plastics - Vinyl chloride homopolymer and copolymer resins - Sieve analysis using air-jet sieve apparatus (ISO/FDIS 4610:2001)

PROTECTIVE CLOTHING

prEN ISO 6529, Protective clothing - Protection against chemicals - Determination of resistance of protective clothing materials to permeation by liquids and gas (ISO/FDIS 6529:2001)

PROTECTIVE EQUIPMENT

prEN 13781, Protective helmets for drivers and passengers of snowmobiles and bobsleighs

RAILWAYS

prENV 14033-1, Railway applications - Track - Approval conditions for construction and maintenance machines - Part 1: Running

ROAD VEHICLES

prEN 12736, Electrically propelled road vehicles - Airborne acoustical noise of vehicle during charging with on-board chargers - Determination of sound power level

WATER

prEN 13506, Water quality - Determination of mercury by atomic fluorescence spectrometry

WOOD POLES

prEN 12479, Wood poles for overhead lines - Sizes - Methods of measurement and permissible deviations
prEN 12510, Wood poles for overhead lines - Strength grading criteria
prEN 12511, Wood poles for overhead lines - Determination for characteristic values

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.

PUBLIC REVIEW

BTM

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

ComTrust

Organization: Com Trust
1000 Windward Concourse, Suite 575
Alpharetta, GA 30005
Contact: Charles Morris
PHONE: 770-576-5700 - FAX: 770-576-5701
Email: cmorris@comtrust.com

Public review: August 15, 2001 to November 13, 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

TITC Korea

Organization: Total Imaging Technologies Co., Ltd.
5 fl., Hwajin Bldg., 13-2
Woomyun-Dong, Seocho-Ku
Seoul, 137-140 Korea
Contact: Sang-Beom Chun
PHONE: +82 2)572-8057 - FAX: +82 2)572-8597
Email: info@titimage.com

Public review: August 1, 2001 to October 30, 2001

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

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

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations issued by members of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), members are required to report proposed technical regulations that may significantly affect trade, to the WTO Secretariat in Geneva, Switzerland, who in turn disseminates the information to all WTO members. The purpose of this requirement is to provide trading partners with an opportunity to review and comment on the regulation before it becomes final.

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

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

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 Standards Committee

Call for Subcommittee Members

ASC Z9 - Health and Safety Standards for Ventilation Systems

Accredited Standards Committee Z9, Health and Safety Standards for Ventilation Systems, is currently considering a proposal to develop a standard on the management, operation, maintenance and testing of HVAC Systems for maintaining acceptable indoor air quality in employee occupancies. Interested parties may contact Jeff Burton, the Task Group Chair (jeffburton@digitalpla.net) or Margie Breida, the Z9 Secretariat representative (mbreida@aiha.org). The committee will work with relevant SDOs to discourage conflict and overlap in content of related standards.

Accredited Organizations

Applications for Accreditation

Certified Automotive Parts Association (CAPA)

Comment Deadline: September 10, 2001

The Certified Automotive Parts Association (CAPA) has submitted an Application for Accreditation as a Developer of American National Standards using its own operating procedures under the Organization Method.

The scope of CAPA's proposed standards development activities for which it is seeking accreditation is as follows:

"To develop and maintain consensus of quality standards for competitive crash repair parts."

To request further information or to offer comments, please contact: Mr. Jack Gillis, Executive Director, Certified Automotive Parts Association, 1518 K Street NW, Suite 306, Washington, DC 20005; PHONE: (202) 737-2212; FAX: (202) 737-2214; E-mail: Stephanie@capacertified.org. As these procedures were provided electronically, the public review period is 30 days. You may download a copy of CAPA's proposed operating procedures from ANSI Online *during the public review period* at the following URL: http://web.ansi.org/public/library/sd_revise/default.htm. Comments should be submitted to CAPA by September 10, 2001, with a copy to the Recording Secretary, Executive Standards Council, at ANSI's New York Office (FAX: (212) 840-2298; E-mail: Jthomps@ANSI.org).

Approval of Accreditation

American Forest & Paper Association (AFPA)

The Executive Standards Council has approved the accreditation of the American Forest & Paper Association (AFPA) under the Organization Method of developing consensus. AFPA will operate using its own procedures, which have been deemed to be in compliance with the *ANSI Procedures for the Development and Coordination of American National Standards*.

For additional information, please contact: Mr. Bradford Douglas, P.E., Director, Engineering, American Forest & Paper Association, 1111-19th Street N.W. Suite 800, Washington, DC 20036; PHONE: (202) 463-2770; FAX: (202) 463-2791; E-mail: Brad_Douglas@afandpa.org.

Accredited Sponsors Using the Canvass Method

Initiation of Canvasses

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

Please also review the Continuous Maintenance announcement in *Standards Action* and on ANSI Online (http://web.ansi.org/public/ans_main/default.htm) 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

BSR/AMCA 240, Laboratory Method of Testing Positive Pressure Ventilators for Rating (revision of ANSI/AMCA 240-96)

BSR/AMCA 610, Methods of Testing Airflow Measurement Stations for Rating (revision of ANSI/AMCA 610-95)

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

BSR/UL 1004A, Standard for Safety for Fire Pump Motors (new standard)

NOTE: UL is actively seeking General and User Interest Participants for the canvass of BSR/UL 1004A.

International Electrotechnical Commission (IEC)

Withdrawal of Administrative Secretariat of IEC/TC 47 - Semiconductor Devices

The Electronic Industries Alliance (EIA) has advised the U.S. National Committee/IEC that it is considering resigning as Administrative Secretariat for the following IEC Technical Committee:

IEC/TC 47 - Semiconductor Devices

Scope: To prepare international standards for discrete semiconductor devices, integrated circuits, liquid-crystal and solid-state display devices, electronic component assemblies and components for microprocessor systems.

This includes, but is not limited to:

- Definitions and symbols for the terms used (in co-operation with TC 1, TC 3 and TC 25).
- Essential ratings and characteristics and environmental factors.
- Measuring methods and the conditions of measurement for characteristics.
- Essential dimensions and any other mechanical factors.
- Quality Assessment.

Excluded from the scope are:

- Passive integrated circuits or networks containing resistors and capacitors or their combination covered by the scope of TC 40.
- Systems of photovoltaic conversion of solar energy into electrical energy and all the elements in the entire photovoltaic energy system covered by the scope of TC 82.
- Sub-systems covered by the scope of TC 22 and TC 86.

The USNC Technical Management Committee (formerly Executive Committee) had delegated Administrative Secretariat responsibility for this TC to EIA some time ago and, as such, EIA supported the international Secretary of the committee. If EIA formally resigns this role and the USNC TMC is unable to find a replacement, this Secretariat responsibility will have to be officially relinquished.

Anyone who has an interest and wishes additional information please contact: Charles T Zegers, General Secretary, USNC/IEC, ANSI, PHONE: (212) 642-4965, FAX: (212) 730-1346, E-Mail: czegers@ansi.org.

Meeting Notices

AMT - The Association for Manufacturing Technology

B11.19 Subcommittee - Machine Safeguarding

The B11.19 Subcommittee, sponsored by the Secretariat (AMT) will hold its next meeting on Monday and Tuesday, August 27-28, 2001 in Chicago, IL. The B11 Committee is an ANSI Accredited Standards Committee on machine tool safety, and the B11.19 Subcommittee deals with the performance requirements for machine safeguarding.

The purpose of this meeting is to continue draft revision work on an American National Standard. This meeting is open to anyone with an interest in safety and safe use of machine tool safeguards, and who wishes to participate in standards development. Please contact Pat Vitayanuvatti at AMT (703) 827-5203 or email: pov@mfgtech.org for details on meeting location and reservations information.

B11.03 Subcommittee - Power Press Brakes

The B11.03 Subcommittee, sponsored by the Secretariat (AMT) will hold its next meeting on Wednesday, Thursday and Friday, August 29-31, 2001 in Chicago, IL. The B11 Committee is an ANSI Accredited Standards Committee on machine tool safety, and the B11.03 Subcommittee deals with power press brakes.

The purpose of this meeting is to continue draft revision work on an American National Standard. This meeting is open to anyone with an interest in safety and safe use of machine tool safeguards, and who wishes to participate in standards development. Please contact Pat Vitayanuvatti at AMT (703) 827-5203 or email: pov@mfgtech.org for details on meeting location and reservations information.

ASC Z359

The ANSI Accredited Z359 Committee will be meeting on 9/18/2001 and 9/19/2001 at the offices of the American Society of Safety Engineers (ASSE), 1800 East Oakton Street, Des Plaines, IL 60018. Those interested should contact Tim Fisher in writing at the address cited.

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.

Air Movement and Control Association

Office: 30 West University Drive
Arlington Heights, IL 60004-1893
Fax: (847) 253-0088

Contact: Tim Orris
E-mail: torris@amca.org

BSR/AMCA 240, Laboratory Method of Testing Positive Pressure Ventilators for Rating (revision of ANSI/AMCA 240-96)
BSR/AMCA 610-95, Methods of Testing Airflow Measurement Stations for Rating (revision of ANSI/AMCA 610-95)

American Bankers Association

Office: 1120 Connecticut Avenue, NW
Washington, DC 20036
Fax: (202) 663-7554

Contact: Darlene Schubert
E-mail: dschuber@aba.com

BSR X9.93, WIC EBT Message Specification (new standard)

Association for the Advancement of Medical Instrumentation

Office: 1110 N Glebe Road
Suite 220
Arlington, VA 22201
Fax: (703) 276-0793

Contact: Nick Tongson
E-mail: ntongson@aami.org

BSR/AAMI/IEC 60601-1, Medical electrical equipment - Part 1: General requirements for safety and essential performance (revision and redesignation of ANSI/AAMI ES1-1993)

Contact: Hillary Woehrle
E-mail: hillary_woehrle@AAMI.org

BSR/AAMI/ISO 10993-17, Biological evaluation of medical devices, Part 17: Methods for the establishment of allowable limits for leachable substances using health based risk assessment (new standard)

Contact: Theresa Zuraski
E-mail: theresa_zuraski@aami.org

BSR/AAMI/ISO 15223-DAM1, Medical Devices - Symbols to be Used With Medical Device Labels, Labelling and Information to be Supplied, Amendment 1 (new standard)

Association for the Advancement of Medical Instrumentation (AAMI)

Contact: Cliff Bernier
E-mail: Cliff_Bernier@aami.org

BSR/AAMI/ISO 11138-1, Sterilization of Health Care Products - Biological Indicators, Part 1: General Requirements (revision and redesignation of ANSI/AAMI ST59-1999)
BSR/AAMI/ISO 11138-2, Sterilization of Health Care Products - Biological Indicators, Part 2: Biological Indicators for Ethylene Oxide Sterilization (revision and redesignation of ANSI/AAMI ST21-1999)

BSR/AAMI/ISO 11138-3, Sterilization of Health Care Products - Biological Indicators, Part 3: Biological Indicators for Moist Heat Sterilization Processes (revision and redesignation of ANSI/AAMI ST19-1999)
BSR/AAMI/ISO 11138-5, Sterilization of Health Care Products - Biological Indicators, Part 5: Biological Indicators for Low-Temperature-Steam-Formaldehyde Sterilization (new standard)
BSR/AAMI/ISO 11138-6, Sterilization of Health Care Products - Biological Indicators, Part 6: Biological Indicators for Dry Heat Sterilization Processes (new standard)

ASTM

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Fax: (610) 832-9666

Contact: Faith Lanzetta
E-mail: flanzett@astm.org

ANSI/ASTM F1301-90 (R96), Practice for Labeling Chemical Protective Clothing (new standard)

Electronic Industries Alliance

Office: 2500 Wilson Boulevard
Suite 300
Arlington, VA 22201-3834
Fax: (703) 907-7501

Contact: Cecilia Fleming
E-mail: cfleming@eia.org

BSR/EIA PN-4974, Avionics Manufacturing Services Specification (new standard)
BSR/EIA PN-4976 (EIA/CEA-896), Method of Measurement for Digital Versatile Disc Players (new standard)

IPC - Association Connecting Electronics Industries

Office: 2215 Sanders Road
Northbrook, IL 60062-6135
Fax: (847) 509-9798

Contact: Jatara Barrett
E-mail: JataraBarret@ipc.org

BSR/IPC D-356B, Bare Substrate Electrical Test Data Format (new standard)

National Committee for Clinical Laboratory Standards

Office: 940 West Valley Road, Suite 1400
Wayne, PA 19087-1898
Fax: (610) 688-0700

Contact: Beth Anne Wise
E-mail: bawise@nccls.org

BSR/NCCLS GP5-A2, GP5-A2, Clinical Laboratory Waste Management; Approved Guideline-Second Edition (new standard)

National Electrical Manufacturers Association

Office: 1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Fax: (703) 841-3377

Contact: Randolph N. Roy
E-mail: ran_roy@nema.org

BSR C78.1435, Projection Lamps Tungsten-Halogen Lamps with G5.3 Bases (revision, redesignation and consolidation of ANSI C78.1418-1991 (R1995), ANSI C78.1419-1991 (R1995))

National Fire Protection Association

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

Contact: Arthur E. Cote
E-mail: acotet@nfp.org

BSR/NFPA 1006, Standard for Rescue Technician Professional Qualifications (revision of BSR/NFPA 1006-2000)
BSR/NFPA 1141, Standard for Fire Protection in Planned Building Groups (revision of BSR/NFPA 1141-1998)
BSR/NFPA 123, Standard for Fire Prevention and Control in Underground Bituminous Coal Mines (revision of BSR/NFPA 123-1998)
BSR/NFPA 14, Standard for the Installation of Standpipe, Private Hydrants, and Hose Systems (revision of BSR/NFPA 14-2000)
BSR/NFPA 16, Standard for the Installation of Foam-Water Sprinkler and Foam-Water Spray Systems (revision of BSR/NFPA 16-1998)
BSR/NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents (revision of BSR/NFPA 1670-1998)
BSR/NFPA 1977, Standard on Protective Clothing and Equipment for Wildland Fire Fighting (revision of ANSI/NFPA 1977-1998)
BSR/NFPA 251, Standard Methods of Tests of Fire Endurance of Building Construction and Materials (revision of BSR/NFPA 251-1999)
BSR/NFPA 30A, Code for Motor Fuel Dispensing Facilities and Repair Garages (revision of BSR/NFPA 30A-2000)
BSR/NFPA 501, Standard on Manufactured Housing (revision of BSR/NFPA 501-2000)
BSR/NFPA 501A, Standard for Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities (revision of BSR/NFPA 501A-2000)
BSR/NFPA 701, Standard Methods of Fire Tests for Flame Propagation of Textiles and Films (revision of BSR/NFPA 701-1999)
BSR/NFPA 80, Standard for Fire Doors and Fire Windows (revision of BSR/NFPA 80-1999)
BSR/NFPA 801, Standard for Fire Protection for Facilities Handling Radioactive Materials (revision of BSR/NFPA 801-1998)
BSR/NFPA 85, Boiler and Combustion Systems Hazards Code (revision of BSR/NFPA 85-2001)
BSR/NFPA 88B, Standard for Repair Garages (revision of BSR/NFPA 88B-1997)

NOTE - Anyone interested in submitting proposals on any of these documents, may do so by contacting Casey C. Grant, P.E., NFPA, P.O. Box 9101, 1 Batterymarch Park, Quincy, MA 02269-9101.

National Institute for Metalworking Skills

Office: 3251 Old Lee Highway Suite 205
Fairfax, VA 22030
Fax: (703) 352-4991

Contact: Robert Sherman
E-mail: rws100@aol.com

BSR/NIMS 101, Duties and Standards for Machining Skills-Level I, Level II and Level III (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

BSR/UL 1004A, Standard for Safety for Fire Pump Motors (new standard)
BSR/UL 2108, Standard for Safety for Low Voltage Lighting Systems (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, 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.

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

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