

# **ANSI** STANDARDS ACTION

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## Contents

### American National Standards

Call for Comment on Standards Proposals .....	2
Call for Comment Contact Information .....	17
Final Actions .....	20
Project Initiation Notification System (PINS).....	24
ISO Draft International Standards .....	27
ISO and IEC Newly Published Standards .....	28
CEN/CENELEC Standards Activity .....	33
Registration of Organization Names in the U.S. ....	35
Proposed Foreign Government Regulations .....	36
International Organization of Legal Metrology .....	37
Information Concerning.....	40

## 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.

- Safety standard
- ★ Standard for consumer products

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

#### Ordering Instructions for "Call-for-Comment" Listings

1. Order from the organization indicated for the specific proposal.
2. Use the full identification in your order, including the BSR prefix; for example, Electric Fuses BSR/SAE J554.
3. Include remittance with all orders.
4. BSR proposals will not be available after the deadline of call for comment.

Comments should be addressed to the organization indicated, with a copy to the Board of Standards Review, American National Standards Institute, 25 West 43rd Street, New York, NY 10036. Fax: 212-840-2298; e-mail: [psa@ansi.org](mailto:psa@ansi.org)

# Comment Deadline: October 22, 2001

## ENGINES

- BSR/UL 2111, Standard for Safety for Overheating Protection for Motors (new standard)

Covers: a) Impedance-protected motors; b) Thermal-device-protected motors; and c) Thermal-protective devices. The requirements in this standard apply only to motors rated 600 V or less. The requirements in this standard are intended to evaluate a specific motor with a given protector. When either the motor or the protector is changed, a separate evaluation is required. This standard was listed for public review in the 3/23/2001 issue of "Standards Action". It is being resubmitted due to the following changes to the text.

5.14 A motor for which a protector opens under a least one operating condition shall be identified as thermally-protected and shall comply with the requirements of Part III at each condition that results in a protector opening. At each condition that does not result in a protector opening, tests in Part II are performed when the measured constant temperature at the condition(s) where the protector does not open exceeds the average after first hour temperature in Table 14.1 for the Class of insulation in the motor.

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

## MACHINE TOOLS

- BSR B11.8, Safety Requirements for Manual Milling, Drilling and Boring Machines with or without Automatic Control (revision of ANSI B11.8-1983 (R1994))

Comprises part of the ANSI B11 series of machine tool safety standards and pertains to the safety requirements for manual milling, drilling and boring machines as described in the document. It is limited to the requirements of safeguarding of personnel, installation, verification, operation, maintenance, training, and documentation for individual machines. 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.

### 6.21 Safeguarding

Each machine shall be designed and safeguarded in accordance with the relevant requirements or measures in this subclause.

Machines shall be safeguarded as follows:

- manual only:
  - chip and coolant splash shields as required
- manual with automatic capability:
  - in the manual mode: chip and coolant splash shields as required.
  - in the automatic mode: chip and coolant splash shields as required. Interlocked guard(s), depending on the application, as determined by the user. The supplier shall provide hook-up in the machine control and shall make the interlocked guard(s) available for purchase to the user.

Means shall be provided for the movement of machine axes for emergency purposes (e.g., the release of trapped persons).

### E6.21

General guidance for the design and construction of safeguards is given in ANSI B11.19.

For examples of safeguards see 8.2.

The user is encouraged to review section 5 of this standard before deciding whether or not there is a need for an interlocked guard.

Send comments (with copy to BSR) to: Anthony M. Bratkovich, AMT (ASC B11); tbratkovich@mfgtech.org

## TOOLS, ELECTRIC

- ★ ■ BSR/UL 987, Standard for Safety for Stationary and Fixed Electric Tools (revision of ANSI/UL 987-1996)

Covers cord-connected or permanently-connected stationary and light industrial electric tools for use in accordance with the "American National Standard National Electrical Code," ANSI/NFPA 70, and provided with a means for: a) Grounding the tool on a branch circuit rated not more than 600 volts and employing no universal motor rated more than 250 volts; or b) Providing double insulation for a tool on a branch circuit involving a potential of not more than 150 volts to ground. These requirements also cover accessories and attachments for use with tools included in 1.1 if the accessories or attachments are a) Identified by catalog number or equivalent product designation in the instruction manual for the tool; or b) Packed with the tool.

## PROPOSAL 1

**38.11** The manufacturer shall ~~make available~~ provide a lower blade guard that will:

- Cover both sides of the teeth of the blade not covered by the upper guard when the blade and lower guard are clear of the workpiece and table;

*Exception: A one-piece combination upper and lower blade guard may have a 1-1/4 inch (31.8mm) side slot on the motor side, extending from the motor-shaft to the bottom of the guard, for motor-shaft clearance.*

- cover the teeth of the blade to their full depth;
- for miter and bevel angles of 45 degrees and less, comply with (a) and (b) in a radial direction, and
- Automatically ride over the workpiece and return to the original position upon leaving the workpiece.

*Exception: A mechanical means may be provided to raise and lower the lower guard during crosscutting.*

## Proposal 2

**38.12** The manufacturer shall ~~make provide~~ a spreader ~~available~~ for a saw used for ripping. When in use, the spreader shall be aligned with the saw blade.

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

# Comment Deadline: November 5, 2001

## ACOUSTICS

BSR S1.11, Specification for Octave-Band and Fractional-Octave-Band Analog and Digital Filters (revision of ANSI S1.11-1986 (R1998))

Provides performance requirements for analog, sampled-data, and digital implementations of bandpass filters that comprise a filter set or spectrum analyzer for acoustical measurements. It supercedes ANSI S1.11-1986 (R1998), "American National Standard Specification for Octave-Band and Fractional-Octave-Band Analog and Digital Filters," and is a counterpart to IEC 61260: 1995, "International Standard for Electroacoustics - Octave-Band and Fractional-Octave-Band Filters." Significant changes from ANSI S1.11-1986 have been adopted in order to conform to the specifications of IEC 61260: 1995. This standard differs from IEC 61260: 1995 in four ways: (1) the test methods of IEC 61260: 1995 clause 5 are moved to an informative annex, (2) the term "band number," not present in IEC 61260, is used as in ANSI S1.11-1986, (3) references to American National Standards are incorporated, and (4) minor editorial and style differences are incorporated.

Single copy price: \$150.00

Obtain an electronic copy from: asastds@aip.org

Order from: Susan Blaeser, ASA (ASC S1); sblaeser@aip.org

Send comments (with copy to BSR) to: Same

**DENTAL MATERIEL**

- BSR/ADA 2, Dental Gypsum-Bonded Casting Investments (revision of ANSI/ADA 2-1987 (R1995))

Establishes a classification of and specifies requirements for, gypsum-bonded casting investments. It also specifies test methods to be used to determine compliance with these requirements.

Single copy price: \$15.00

Obtain an electronic copy from: drawhornt@ada.org  
Order from: Thelma Drawhorn, ADA; drawhornt@ada.org  
Send comments (with copy to BSR) to: Same

- BSR/ADA 28, Root Canal Files and Reamers, Type K for Hand Use (new standard)

Pertains to endodontic files and reamers for hand use only having a working part taper of 2% (0.02 millimeter per millimeter of length) as in endodontic preparation or shaping operations.

Single copy price: \$15.00

Obtain an electronic copy from: drawhornt@ada.org  
Order from: Thelma Drawhorn, ADA; drawhornt@ada.org  
Send comments (with copy to BSR) to: Same

- BSR/ADA 42, Dental Phosphate-Bonded Casting Investments (new standard)

Classifies dental phosphate-bonded casting investments into two types according to the intended use. It specifies requirements for the essential physical properties of the investment and the test methods to be used to determine these properties. It also includes a requirement for adequate instructions to accompany each package.

Single copy price: \$15.00

Obtain an electronic copy from: drawhornt@ada.org  
Order from: Thelma Drawhorn, ADA; drawhornt@ada.org  
Send comments (with copy to BSR) to: Same

- BSR/ADA 74, Dental Operator's Stools (new standard)

Specifies requirements, recommendations and methods of test for dental operator's stools as well as requirements for manufacturer's instructions, marking and packaging. It covers also recommendations to manufacturers on the design of tools.

Single copy price: \$15.00

Obtain an electronic copy from: drawhornt@ada.org  
Order from: Thelma Drawhorn, ADA; drawhornt@ada.org  
Send comments (with copy to BSR) to: Same

- BSR/ADA 76, Non-Sterile Natural Rubber Latex Gloves For Dentistry (revision of ANSI/ADA 76-1998)

Covers non-sterile natural rubber latex gloves suitable for dentistry.

Single copy price: \$15.00

Obtain an electronic copy from: drawhornt@ada.org  
Order from: Thelma Drawhorn, ADA; drawhornt@ada.org  
Send comments (with copy to BSR) to: Same

- BSR/ADA 92, Dental Phosphate-Bonded Refractory Die Materials (new standard)

Applies to phosphate bonded refractory die materials used in the production of dental restorations by a sintering technique.

Single copy price: \$15.00

Obtain an electronic copy from: drawhornt@ada.org  
Order from: Thelma Drawhorn, ADA; drawhornt@ada.org  
Send comments (with copy to BSR) to: Same

**FANS**

- ★ ■ BSR/UL 507, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2001)

Covers: a) Fans and blowers that circulate air, such as desk, ceiling-suspended, and hassock fans; b) Fans and blowers that ventilate air, such as attic, wall-insert, ceiling-insert, household hood-and canopy-types, and window fans; c) Dryer-type fans used for drying carpets or floors; d) Evaporative coolers; e) Air-filtering appliances; f) Fan-type deodorizers and air fresheners; g) Component fans; and h) Low voltage component fans. These products are rated 600 volts or less and are intended to be employed in accordance with the "American National Standard National Electrical Code," ANSI/NFPA 70.

Single copy price: \$30.00

Obtain an electronic copy from: Carol.A.Chudy@us.ul.com  
Order from: Carol Chudy, UL-NC; Carol.A.Chudy@us.ul.com  
Send comments (with copy to BSR) to: Same

**FIBER OPTICS**

BSR/TIA/EIA 455-122-A, Polarization Mode Dispersion Measurement for Single-mode Optical Fibers by Stokes Parameter Evaluation (SP-3327-RV1) (revision of ANSI/TIA/EIA 455-122-1996)

Describes a procedure for measuring the polarization-mode dispersions (PMD) of single-mode optical fibers.

Single copy price: \$59.00

Obtain an electronic copy from: global@ihs.com  
Order from: Global Engineering Documents, (800) 854-7179; www.global.ihs.com  
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

**RACEWAYS AND FITTINGS**

- BSR/UL 5A, Standard for Safety for Non-Metallic Surface Raceways and Fittings (new standard)

These requirements cover nonmetallic raceways and fittings. These products are for use as surface wiring systems in accordance with the "American National Standard National Electrical Code," ANSI/NFPA 70. Raceways of the following thicknesses are to be considered as being intended to enclose circuits operating at potentials not exceeding 600 volts between conductors: a) All-nonmetallic raceways of any thickness and b) Raceways consisting of metal covers at least 0.040 inch (1.02 mm) thick nominal on nonmetallic bases. Raceways consisting of nonmetallic bases with thinner metal covers are to be considered as being intended for circuits operating at potentials lower than 300 volts between conductors. Nonmetallic surface raceways are not suitable for use as equipment-grounding conductors. These requirements do not cover metallic surface raceways, cable trays, or wireways. This standard was listed for public review in the 12/19/1997 issue of "Standards Action". It is being resubmitted due to substantive changes to the text.

Single copy price: \$30.00

Obtain an electronic copy from: Linda.L.Phinney@us.ul.com  
Order from: Linda Phinney, UL-CA; Linda.L.Phinney@us.ul.com  
Send comments (with copy to BSR) to: Same

**TELECOMMUNICATIONS**

BSR/TIA/EIA 124-D, Wireless Radio Telecommunication Intersystem Non-Signaling Data Communication DMH (Data Message Handler) (revision of ANSI/TIA/EIA 124-C-2000)

Describes the procedures and messages necessary to provide to wireless service providers the non-signaling data communications requiring interaction between different wireless systems

Single copy price: \$325.00

Obtain an electronic copy from: global@ihs.com  
Order from: Global Engineering Documents, (800) 854-7179; www.global.ihs.com  
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

BSR/TIA/EIA 570-A-1, Security Cabling for Residences, Addendum 1 (SP-3490-AD1) (supplement to ANSI/TIA/EIA 570-A-1999)

Focuses on security cabling for residences.

Single copy price: \$38.00

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

BSR/TIA/EIA 687-1997, Medium Speed Interface for Data Terminal Equipment and Data Circuit Terminating Equipment (reaffirmation of ANSI/TIA/EIA 687-1997)

Applies where equipment on one side of the DTE/DCE interface is intended for connection directly to equipment on the other side without additional technical consideration

Single copy price: Free

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

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

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

BSR/TIA/EIA 694-1997, Electrical Characteristics for an Unbalance Digital Interface for Data Signal Rate up to 512 kbit/s (reaffirmation of ANSI/TIA/EIA 694-1997)

Specifies the electrical characteristics of the unbalanced voltage digital interface circuit, normally implemented in integrated circuit technology, that may be employed when specified for the interchange of serial binary signals between DTE and DCE or in any point-to-point interconnection of serial binary between digital equipment.

Single copy price: Free

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

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

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

## WATER TREATMENT

- BSR/NSF 55, Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2000)

Comprises issue 2 - Complete revision

Single copy price: \$25.00

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

Order from: Techstreet; [service@techstreet.com](mailto:service@techstreet.com)

Send comments (with copy to BSR) to: Duncan Ellison, chairperson, c/o Lorna Badman (734)-827-6806 or [badman@nsf.org](mailto:badman@nsf.org)

# Comment Deadline: November 20, 2001

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

## ABRASIVES

BSR B74.4-1992, Procedure for Bulk Density of Abrasive Grains (reaffirmation of ANSI B74.4-1992 (R1997))

Comprises method of test primarily intended to determine bulk density of abrasive grains, which is defined as the weight in air of a given volume of the permeable material expressed in grams per cubic centimeter.

Single copy price: \$1.00, UAMA Member, \$15.00 Non-member

Order from: Sharyn Berki, UAMA (ASC B74); [sab@wherryassoc.com](mailto:sab@wherryassoc.com)

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

## BALLASTS

BSR C82.11c, Annex A (supplement to ANSI C82.11-1993 (R1998))

Specifies the control interface for controllable ballasts. This annex provides the general and performance criteria for different control interfaces used to control the light output of electronic fluorescent lighting ballasts.

Single copy price: \$35.00

Order from: Randolph N. Roy, NEMA; [ran\\_roy@nema.org](mailto:ran_roy@nema.org)

Send comments (with copy to BSR) to: Same

## BOILERS AND PRESSURE VESSELS

- ★ BSR Z21.13a, Gas-Fired Low Pressure Steam and Hot Water Boilers (same as CSA 4.9a) (supplement to ANSI Z21.13)

Details test and examination criteria for Category I, Category II, Category III and Category IV low-pressure steam and hot water boilers for use with natural, manufactured and mixed gases, liquified petroleum gases and LP gas-air mixtures. A low-pressure steam and hot water boiler is defined in the standard as a boiler operating at or below the following pressures or temperatures: steam heating boiler - 15 psig steam pressure; hot water heating or supply boiler - 160 psig water pressure, 250°F water temperature. The standard also covers such boilers equipped with automatic flue damper or vent damper devices.

Single copy price: \$35.00

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

Send comments (with copy to BSR) to: Same

## CABLES

BSR/SCTE IPS SP 100 (SCTE 15), Specification for Trunk, Feeder, and Distribution Coaxial Cable (new standard)

Applies to material, electrical, and mechanical properties of seventy-five ohm coaxial cables which are used to distribute radio frequency (R.F.) signals and power as applicable.

Single copy price: \$25.00 Members; \$50.00 Non-Members

Order from: Stephen Oksala, SCTE; [soksala@scte.org](mailto:soksala@scte.org)

Send comments (with copy to BSR) to: Same

BSR/SCTE IPS TP 001 (SCTE 9), Test Method for Cold Bend (new standard)

Provides instructions to measure the cold bend properties of flexible R.F. coaxial cable drop.

Single copy price: \$25.00 Members; \$50.00 Non-Members

Order from: Stephen Oksala, SCTE; [soksala@scte.org](mailto:soksala@scte.org)

Send comments (with copy to BSR) to: Same

BSR/SCTE IPS TP 002 (SCTE 10), Test Method for Flexible Coaxial Cable Impact Test (new standard)

Establishes that specified flexible RF coaxial drop cables are capable of withstanding an impact at low temperatures.

Single copy price: \$25.00 Members; \$50.00 Non-Members

Order from: Stephen Oksala, SCTE; [soksala@scte.org](mailto:soksala@scte.org)

Send comments (with copy to BSR) to: Same

BSR/SCTE IPS TP 014 (SCTE 11), Test Method for Aerial Cable Corrosion Protection Flow (new standard)

Determines that moisture blocking material used in cables intended for indoor and aerial applications, does not flow or drip out of the cable.

Single copy price: \$25.00 Members; \$50.00 Non-Members

Order from: Stephen Oksala, SCTE; [soksala@scte.org](mailto:soksala@scte.org)

Send comments (with copy to BSR) to: Same

BSR/SCTE IPS TP 102 (SCTE 12), Center Conductor Bond to Dielectric for Trunk, Feeder and Distribution Coaxial Cables (new standard)

Determines the bond strength between the center conductor and dielectric for specified semi-flexible coaxial cables.

Single copy price: \$25.00 Members; \$50.00 Non-Members

Order from: Stephen Oksala, SCTE; [soksala@scte.org](mailto:soksala@scte.org)

Send comments (with copy to BSR) to: Same

BSR/SCTE IPS TP 103 (SCTE 13), Dielectric Air Leakage Test Method For Trunk, Feeder and Distribution Coaxial Cable (new standard)

Detects voids in the dielectric and the bond between the dielectric and the center conductor.

Single copy price: \$25.00 Members; \$50.00 Non-Members

Order from: Stephen Oksala, SCTE; soksala@scte.org

Send comments (with copy to BSR) to: Same

## COMPRESSORS

- BSR/UL 1450, Standard for Safety for Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment (revision of ANSI/UL 1450-1995)

Covers household, commercial, and industrial air compressors, vacuum pumps, paint sprayers, paint mixers, and paint pigment dispensers intended for indoor or outdoor use or both in accordance with the "American National Standard National Electrical Code," ANSI/NFPA 70. These requirements do not cover products: a) Rated more than 600 volts, b) Employing a universal motor rated more than 250 volts, or c) Intended for installation and use in a hazardous location. These requirements do not cover household air compressors rated more than 3 horsepower (2.25 kW output) or more than 150 psi (1034 kPa). These requirements do not cover medical and dental products; products intended to be used in heating, air conditioning, or refrigeration systems; paint heaters; electrostatic paint spraying products; or other products covered by separate requirements.

Single copy price: \$30.00

Order from: Mitchell Gold, UL-IL; Mitchell.Gold@us.ul.com

Send comments (with copy to BSR) to: Same

## CORDS, ELECTRIC

- BSR/UL 817, Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-1995)

Covers power-supply cords for use as supply connections for appliances in accordance with the "American National Standard National Electrical Code," ANSI/NFPA 70. Also covers cord sets for use in extending a branch circuit supply to the power-supply cord of a portable appliance by means of flexible cord in accordance with the National Electrical Code. In addition, also contains requirements to cover molded-on attachment plugs intended for hospital use in other than hazardous locations in accordance with Article 517 of the National Electrical Code. They are applicable only to nonlocking type devices of conventional configuration ("Standard for Wiring Devices - Dimensional Requirements," ANSI/NEMA WD 6) rated 15 or 20 A, 125 or 250 V. Attachment plugs shall be of the straight type (longitudinal axis of flexible cord parallel to that of the line blades), molded onto flexible cord.

Single copy price: \$45.00

Order from: Helen Ketcham, UL-NY

Send comments (with copy to BSR) to: Same

## ELEVATORS

- BSR/ASME A17.1a, Safety Code for Elevators and Escalators (supplement to)

Covers safety requirements for elevators, escalators, dumbwaiters, moving walks and material lifts.

Single copy price: \$20.00

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

Send comments (with copy to BSR) to: Geraldine Burdeshaw, ASME; burdeshaw@asme.org

## FITTINGS, FLANGES AND VALVES

BSR/ASME B16.11-1996, Forged Fittings, Socket-Welding and Threaded (revision of ANSI/ASME B16.11-1996)

Covers ratings, dimensions, tolerances, marking and material requirements for forged fittings, both socket-welding and threaded, as illustrated in Tables 4 through 7 and A4 through A7, inclusive.

Single copy price: \$10.00

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

Send comments (with copy to BSR) to: Steve Rossi, ASME M/S 20S2

## FLOORS AND FLOORING

- BSR/UL 410, Standard for Safety for Slip Resistance of Floor Surface Materials (new standard)

Covers the testing of floor and finishing materials to determine if their minimum average and minimum individual static coefficients of friction meet or exceed the specified requirements with respect to slip resistance only. 1.2 The floor surface materials covered by this standard include floor covering materials (FCM), floor treatment materials (FTM) and walkway construction materials (WCM). The methods described involve the preparation and testing of representative floor surfaces to determine their static coefficient of friction. The requirements may be applied to other floor surface materials if found appropriate.

Single copy price: \$30.00

Order from: Mitchell Gold, UL-IL; Mitchell.Gold@us.ul.com

Send comments (with copy to BSR) to: Same

## FLUID POWER

BSR FPS CS 1-R2-2001, Fluid Power and Motion Control Certification of Fluid Power Mechanics, Technicians, Specialists, and Engineers (revision and redesignation of ANSI FPCS-1-1994)

Establishes the procedure for: determining the knowledge and skill requirements for Certification; expressing those requirements in the form of a written or hands-on test or both; administering the tests; certifying applicants who satisfy the respective requirements for each category; appealing denial of Certification. Includes the categories: Fluid Power Industrial Hydraulic Mechanic, Mobile Hydraulic Mechanic, Pneumatic Mechanic, Industrial Hydraulic Technician, Mobile Hydraulic Technician, Pneumatic Technician, Hydraulic Specialist, Pneumatic Specialist and Engineer. Provides a procedure for measuring and recognizing an individual's skills and knowledge as related to the technical aspects of Fluid Power and Motion Control Technology.

Single copy price: N/A

Order from: June VanPinsker, (NFPA) (ASC B93);

jvanpinsker@nfpa.com

Send comments (with copy to BSR) to: Same

## GARMENTS, PROTECTIVE

BSR/ISEA 101-1996, Limited-Use and Disposable Coveralls Size and Labeling Requirements (reaffirmation of ANSI/ISEA 101-1996)

Establishes size and wear test requirements for limited-use and disposable coveralls. This standard includes a sizing chart to assist the wearer in the selection of the correct garment size. It also establishes minimum labeling and packaging requirements for these garments.

Single copy price: Free

Order from: Cristine Fargo, ISEA; cfargo@safetysafetyequipment.org

Send comments (with copy to BSR) to: Same

## LAMPS

- BSR IEC 78.62035, Discharge Lamps - Safety Specifications (new standard)

Specifies the safety requirements for discharge lamps (excluding fluorescent lamps) for general lighting purposes.

Single copy price: \$46.00

Order from: Randolph N. Roy, NEMA; ran\_roy@nema.org

Send comments (with copy to BSR) to: Same

## LIFTING DEVICES

BSR/ASME NOG-1-2001, Rules for Construction of Cranes Monorails and Hoists (revision of ANSI/ASME NOG-1-1998)

Covers electric overhead and gantry multiple girder cranes with top running bridge cranes with top running bridge and trolley used at nuclear facilities and components of cranes at nuclear facilities.

Single copy price: \$10.00

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

Send comments (with copy to BSR) to: Shannon Burke, ASME; burkes@asme.org

**BSR/ASME NUM-1a, Rules for Construction of Cranes, Monorails and Hoists (supplement to)**

Covers underhung cranes, top-running bridge and gantry cranes with trolleys, traveling wall cranes, jib cranes, monorail systems, overhead, and hoists with integral trolleys used in nuclear facilities.

Single copy price: \$10.00

Order from: Silvana Rodriguez-Bhatti, ASME; rodriguez@asme.org  
Send comments (with copy to BSR) to: Shannon Burke, ASME; burkes@asme.org

■ **BSR/ASME A18.1, Safety Standard for Platform Lifts and Stairway Chairlifts (revision of ANSI/ASME A18.1-1999)**

Covers the design, construction, installation, operation, inspection, testing, maintenance, and repair of inclined stairway chairlifts and vertical and inclined platform lifts intended for transportation of a mobility impaired person only.

Single copy price: \$20.00

Order from: Silvana Rodriguez-Bhatti, ASME; rodriguez@asme.org  
Send comments (with copy to BSR) to: Eun Sil Yoo, M/S 20S2

**MACHINING**

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

Comprises the duties and standards for machining skills, which was written in three levels and was first introduced in 1995. They were fully implemented beginning in 1997. The standards are statements of required proficiency levels needed for high performance manufacturing. Their purpose is to provide guidance to training programs in schools, in-house company training, and in apprenticeships. The metalworking skill standards program in order to stay current with technology changes must be reviewed and re-confirmed and revised when new skills needs are identified. The NIMS procedure calls for this review and update every four years. This submittal represents a complete review, necessary revisions and re-validation of the original standards following the Policies and Procedures for Revising Skill Standards as accepted by ANSI. The entire machining standards program includes three levels. The standards at level III have not completed their four year implementation process and this submittal covers revisions only to Level I and Level II. Level III while not due for revision is included because it is an integral part of the standard. Training programs based on these standards are now being implemented in 39 states. Over 90 school programs have now been accredited and over 3000 students have earned credentials based on the standards.

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**MEDICAL MATERIEL**

■ **BSR/AAMI SP10, Manual, Electronic, or Automated Sphygmomanometers (revision, redesignation and consolidation of ANSI/AAMI SP10-1992, ANSI/AAMI SP10A-1996 and ANSI/AAMI SP9-1994)**

Establishes safety and performance requirements for all sphygmomanometers, whether non-automated, automated or electronic, that are used with an occluding cuff for the indirect determination of arterial blood pressure. The devices which sense or display pulsations, flow, or sounds in connection with the measurement, display, or recording of blood pressure are included in this document. 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.

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■ **BSR/AAMI EC13, Cardiac Monitors, Heart Rate Meters, and Alarms (revision of ANSI/AAMI EC13-1992)**

Establishes minimum safety and performance requirements for cardiac monitors, heart rate meters, and alarms, which are used to acquire and/or display electrocardiographic signals with the primary purposes of continuous detection of cardiac rhythm.

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■ **BSR/AAMI ST44 Ed. 3, Resistometers Used for Characterizing the Performance of Biological and Chemical Indicators (revision, redesignation and consolidation of ANSI/AAMI ST44-1992 and ANSI/AAMI ST45-1992)**

Specifies the requirements for the test equipment to be used in characterizing the performance of biological and chemical indicators intended for use in applicability and routine quality control testing. This standard was listed for public review in the 4/6/2001 issue of "Standards Action". It is being resubmitted due to substantive changes to the text.

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**MICROMETERS**

**BSR/ASME B89.1.13, Micrometers (new standard)**

Provides the essential requirements for micrometers as a basis for mutual understanding between manufacturers and consumers. Outside, inside and depth micrometers and described in the Standard.

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**NUCLEAR REACTORS**

**BSR/ANS 5.1-1993, Light Water Reactors, Decay Heat Power in (reaffirmation of ANSI/ANS 5.1-1993)**

Sets forth values for the decay heat power from fission products and <sup>239</sup>U and <sup>239</sup>Np following shutdown of light water reactors (LWRs) containing <sup>235</sup>U, <sup>238</sup>U, and plutonium. The decay heat power from fission products is presented in tables and equivalent analytical representations. Methods are described which account for the reactor operating history, for the effect of neutron capture in fission products, and for assessing the uncertainty in the resultant decay heat power. Decay heat power from other actinides and activation products in structural materials, and fission power from delayed neutron-induced fission, are not included in this standard.

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Applies to the establishment of criteria for design, manufacture, testing, inspection, installation, maintenance, use, training, and operation of Boom-Supported Elevating Work Platforms.

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**PUMPS**

BSR/ASME B73.3M, Specification for Sealless Horizontal End Suction Centrifugal Pumps for Chemical Pumps (revision of ANSI/ASME B73.3M-1997)

Establishes requirements for sealless centrifugal pumps of horizontal end suction single stage and centerline discharge.

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- BSR/UL 98, 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 American National Standard 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," ANSI/NFPA 70.

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**TELECOMMUNICATIONS**

BSR/SCTE DSS 00-01 (SCTE 24-2), Audio Codec Requirements for the Provision of Bi-directional Audio Service Over Cable Television Networks Using Cable Modem (new standard)

Pertains to the fact that many cable television operators are upgrading their facilities to provide two-way capability, and are using this capability to provide high-speed IP data services per ITU-T Standard J.83 and J.112. These operators now want to expand the capability of this delivery platform to include telephony. This standard is one of a series of recommendations required to achieve this goal. It provides guidance on audio (voice) codec selection that will provide for a high-quality interoperable service. This standard specifies the audio (voice) codecs that are to be used in the provisioning of telephone services over cable television distribution networks using IP technology (i.e., IP CablePhone service). The recommendation also addresses codec options and packetization issues.

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BSR/SCTE DSS 00-02 (SCTE 24-1), Architectural Framework for the Delivery of Time-Critical Services over Cable Television Networks Using Cable Modems (new standard)

Pertains to the IPCablePhone architecture, which at a very high level, contains three networks: the cable modem HFC access network, the managed IP network and the public switched telephone network (PSTN). The cable modem termination system (CMTS) provides connectivity between the cable modem HFC access network and the managed IP network. Both the signaling gateway (SG) and the media gateway (MG) provide connectivity between the managed IP network and the PSTN.

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BSR/SCTE DSS 00-03 (SCTE 24-3), Network Call Signaling Protocol for the Delivery of Time Critical Services over Cable Television Networks using Cable Modems (new standard)

Describes a profile of an application programming interface, Media Gateway Controller Interface (MGCI), and a corresponding protocol, Media Gateway Control Protocol (MGCP), for controlling voice-over-IP (VoIP) embedded clients from external call control elements. The MGCP assumes a call control architecture where the call control "intelligence" is outside the gateways and is handled by external call control elements. The profile, as described in this document, will be referred to as the Network-based Call Signaling (NCS) Protocol.

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BSR/SCTE DSS 00-04 (SCTE 24-4), Dynamic Quality of Service for the Provision of Real Time Services over Cable Television Networks Using Cable Modems (new standard)

Addresses requirements for a client device to obtain access to network resources. In particular, it specifies a comprehensive mechanism for a client device to request a specific Quality of Service from the Cable Modem network. Extensive examples illustrate the use of the specification. The scope of this specification is to define the QoS Architecture for the "Access" portion of the IPCablecom network, provided to requesting applications on a per-flow basis.

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BSR/SCTE DSS 00-10 (SCTE 24-5), Media Terminal Adapter (MTA) Device Positioning Requirements for the Delivery of Real Time Services Over Cable Television Networks Using Cable Modems (new standard)

Describes the IPCablecom MTA device initialization and provisioning process. It is limited to the provisioning of an IPCablecom embedded-MTA device by a single provisioning and network management provider. IPCablecom is an ITU-T project that includes an architecture and a series of recommendations that enable the delivery of real time services over cable television networks using cable modems.

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BSR/SCTE DSS 00-11 (SCTE 24-6), IPCablecom Management Information Base (MIB) Framework (new standard)

Describes the framework in which IPCablecom MIBs are defined. It provides information on the management requirements of IPCablecom specified devices and functions and how these requirements are supported in the MIB. It is intended to support and complement the actual MIB standards, which are issued separately.

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BSR/SCTE DSS 00-12 (SCTE 24-7), IPCablecom Media Terminal Adapter (MTA) Management Information base (MIB) Requirement (new standard)

Describes the IPCablecom Media Terminal Adapter (MTA) Management Information Base (MIB) requirement. It defines the mandatory syntax of IPCablecom MTA MIB. It follows the IETF Simple Network Management Protocol (SNMP) for defining the managed objects. The MIB is organized as MTA device objects, MTA security objects, objects used for initial provisions and bootstrapping, and objects used for event reporting to syslog, trap, local local.

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**BSR/SCTE DSS 00-13 (SCTE 24-8), IP-Cablecom Network Call Signaling (NCS) Management Information Base (MIB) Requirements (new standard)**

Describes the IP-Cablecom Network Call Signaling (NCS) Management Information Base (MIB) requirements. It defines the mandatory syntax of IP-Cablecom MTA MIB. It follows the IETF Simple Network Management Protocol (SNMP) for defining the managed objects. The MIB is organized as objects used for codec, objects used for general signaling related definitions, and objects used for endpoint-specific signaling information.

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**BSR/SCTE DSS 00-14 (SCTE 24-9), IP-Cablecom Event Message Requirements (new standard)**

Describes the concept of Event Messages used to collect usage for the purposes of billing within the IP-Cablecom architecture. It details a transport protocol independent Event Message attribute (TLV) format, and Event Message file format, mandatory and optional transport protocols, the various Event Messages, lists the attributes each Event Message contains, and lists the required and optional Event Messages associated with each type of end-user service supported. In order to support vendor interoperability, implementations must minimally support Remote Access Dial-In User Service (RADIUS) as a transport protocol. This recommendation describes the concept of Event Messages used to collect usage for the purposes of billing within the IP-Cablecom architecture. It details the RADIUS protocol used to carry these messages, defines the various Event Messages, lists the attributes each Event Message contains, and lists the required and optional Event Messages associated with each type of end-user service supported.

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**BSR/SCTE DSS 00-15 (SCTE 24-10), IP-Cablecom Security Specification (new standard)**

Defined as the security architecture, protocols, algorithms, associated functional requirements and any technical requirements that can provide for the security of the system for the IP-Cablecom Network. Authentication, access control, message and bearer content integrity, confidentiality and non-repudiation security services must be provided as defined herein for each of the network element interfaces.

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**BSR/SCTE DSS 00-16 (SCTE 24-11), IP-Cablecom Internet Signaling Transport Protocol (ISTP) (new standard)**

Describes the Internet Signaling Transport Protocol that facilitates signaling interconnection between the IP-Cablecom control elements, Call Management Systems (CMS) Media Gateway Controller (MGC) and the Public Switched Telephone Network (PSTN) SS7 network through IP-Cablecom SS7 Signaling Gateways. This document addresses the protocol to implement Signaling System Number Seven (SS7).

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**BSR/SCTE DSS 00-17 (SCTE 24-12), IP-Cablecom Trunking Gateway Control Protocol (TGCP) (new standard)**

Describes a profile of the Media Gateway Control Protocol (MGCP) for IP-Cablecom PSTN Gateway, which referred to as the IP-Cablecom Trunking Gateway Control Protocol (TGCP). TGCP is a control protocol for use in a centralized call control architecture, and assumes relatively simple endpoint devices. TGCP is designed to meet the protocol requirements for the Media Gateway Controller (MGC) to Media Gateway interface defined in the IP-Cablecom architecture. The control protocol is one layer of the overall IP-Cablecom suite of Standards and relies upon companion protocol standards to provide complete end-to-end IP-Cablecom functionality. The base document for the TGCP standard is IP-Cablecom SCTE 24-8 (DSS 00-13) Network Call Signaling (NCS), which is also a profile of MGCP. The scope of TGCP is currently only Voice over IP PSTN Gateways for trunking applications in an IP-Cablecom environment and the TGCP profile has therefore simplified and in some cases modified from the base DSS Network Call Signaling document accordingly.

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**BSR/SCTE DSS 01-08 (SCTE 24-13), IP-Cablecom Electronic Surveillance Standard (new standard)**

Defines the interface between a telecommunications carrier that provides telecommunications services to the public for hire using IP-Cablecom capabilities (a "IPCC/TSP") and a Law Enforcement Agency (LEA) to assist the LEA in conducting lawfully authorized electronic surveillance.

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## TESTING

**BSR/SCTE IPS TP 204 (SCTE 16), Test Procedure for Hum Modulation (new standard)**

Defines and measures hum modulation in active and passive broadband telecommunications equipment. This procedure presents two methods for measuring hum modulation in the time domain, with a sensitivity exceeding -80 dB. These methods are referred to as the 1dB delta and the differential voltage method. A mathematical relationship between time domain and frequency domain measurement methods is also provided.

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**BSR/SCTE IPS TP 216 (SCTE 17), Test Procedure for Carrier to Noise (C/N, CCN, CIN, CTN) (new standard)**

Defines the measurement procedure for determining the ratio of carrier to thermal noise and "noise-like" intermodulation product levels, relative to the carrier level of a CS signal. The noise contribution of the test equipment is also measured to allow for correction of readings near the test equipment noise floor. The Test Procedures Introduction document (IPS TP 200) has additional definitions common to this and other SCTE test procedures.

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Determines and verifies the actual crimp dimension of hex crimp tools, the measurement technique for determining the final hex size that may effect pull-off performance of the cable-to-connector interface, and the calibration technique for adjusting hex crimp tools.

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Describes installation procedures for single- and three-phase distribution and power transformers and associated accessories rated 600 Volts AC or less, and 0.25 kVA or more, of the following types: 1) Ventilated, indoor and outdoor, self-cooled or forced air cooled. 2) Nonventilated, indoor and outdoor, self-cooled or forced air cooled. This publication applies to general purpose, dry-type, two-winding transformers used for supplying power, heating and lighting loads for commercial, institutional, and industrial use in nonhazardous locations both indoors and outdoors. Iso covers periodic routine maintenance and troubleshooting procedures for transformers, and special procedures used after adverse operating conditions such as a short-circuit, ground-fault, or immersion in water. Single copy price: \$20.00

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**WELDING AND CUTTING**

BSR/AWS D1.5, Bridge Welding Code (revision and redesignation of ANSI/AASHTO/AWS D1.5-96)

Covers the welding requirements for AASHTO welded highway bridges made from carbon and low-alloy constructional steels. This 2001 edition contains dimensions in metric SI Units and U.S. Customary Units. Sections 1 through 7 constitute a body of rules for the regulation of welding in steel construction. Section 9 of the previous edition has had its provisions distributed throughout the 2001 edition. Sections 8, 10, and 11 do not contain provisions, as their analogue D1.1 sections are not applicable to the D1.5 Code. Section 12 contains the requirements for fabricating fracture critical members. Single copy price: \$96.00

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# Final actions on American National Standards

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

## APPLIANCES, GAS-BURNING

- ★ ANSI Z21.50a-2001, Vented Gas Fireplaces (same as CSA 2.22a) (supplement to ANSI Z21.50-1998): 8/27/2001
- ANSI Z21.57-2001, Recreational Vehicle Cooking Gas Appliances (revision, redesignation and consolidation of ANSI Z21.57-1993, ANSI Z21.57a-1997, and ANSI Z21.57b-1998): 8/29/2001
- ★ ANSI Z21.60b-2001, Decorative Gas Appliances for Installation in Solid-Fuel Burning Fireplaces (same as CSA 2.26b) (supplement to ANSI Z21.60-96): 8/27/2001
- ★ ANSI Z21.84b-2001, Manually Lighted, Natural Gas Decorative Gas Appliances for Installation in Solid-Fuel Burning Fireplaces (supplement to ANSI Z21.84-1999): 8/27/2001
- ANSI Z21.92-2001, Manually Operated Electric Gas Ignition Systems and Components (same as CSA 6.29) (new standard): 8/27/2001

## COMPUTERS

ANSI/VITA 20-2001, Conduction Cooled PCI Mezzanine Card (CCPMC) (new standard): 8/31/2001

## DENTAL MATERIEL

- ANSI/ADA 101-2001, Root Canal Instruments - General Requirements (new standard): 8/21/2001

## ELECTRONIC EQUIPMENT

ANSI/EIA 481-B-2001, 8 mm through 200 mm Embossed Carrier Taping and 8 mm & 12 mm Punched Carrier Taping of Surface Mount Components for Automatic Handling (revision, redesignation and consolidation of ANSI/EIA 481-1-A-1994 and ANSI/EIA 481-2-A-2000): 8/21/2001

ANSI/NEMA 250-2001, Enclosures for Electrical Equipment (1000 Volts Maximum) (revision of ANSI/NEMA 250-1991): 8/30/2001

## ELECTROSTATIC DISCHARGE

ANSI/ESD STM11.31-1994 (R2001), ESD Association Standard Test Method for Evaluating the Performance of Electrostatic Discharge Shielding Materials - Bags (reaffirmation and redesignation of ANSI/ESD S11.31-1994): 8/29/2001

## FANS

ANSI/ASHRAE 51-2001, ANSI/AMCA 210-2001, Addendum A, Laboratory Methods of Testing Fans for Aerodynamic Performance Rating (supplement to ANSI/ASHRAE 51/AMCA 210-1999): 8/21/2001

- ANSI/UL 507-2001, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2000): 8/22/2001

## FIBER OPTICS

ANSI/TIA/EIA 604-5-A-2001, FOCIS 5 - Fiber Optic Connector Interchangeability Standard, Type MPO (revision of ANSI/TIA/EIA 604-5-1999): 8/31/2001

## FIRE PROTECTION

- ANSI/UL 1626-2001, Standard for Safety for Residential Sprinklers for Fire-Protection Service (revision of ANSI/UL 1626-2001): 8/28/2001

## INFORMATION SCIENCES

ANSI/NISO Z39.53-2001, Information Sciences - Codes for the Representation of Languages for Information Interchange (revision of ANSI/NISO Z39.53-1994): 8/31/2001

## INFORMATION SYSTEMS - COMPUTER GRAPHICS

ANSI/ISO/IEC 12087-3:1995 (R1996), Information Technology - Computer Graphics and Image Processing - Image Processing and Interchange (IPI) - Functional Specification - Part 3: Image Interchange Facility (IIF) (reaffirmation of ISO/IEC 12087-3:1995): 8/31/2001

ANSI/ISO/IEC 12087-3:1995/AM1:1996 (R1997), Information Technology - Computer Graphics and Image Processing - Image Processing and Interchange (IPI) - Functional Specification - Part 3: Image Interchange Facility (IIF): Amendment 1: Type Definition, Scoping and Logical Views for Image Interchange Facility (reaffirmation of ISO/IEC 12087-3:1995/AM1:1996 (R1997)): 8/31/2001

## INFORMATION SYSTEMS - LANGUAGES

ANSI/ISO/IEC 9593-1-1990/AM 1-1995 (R1996), Information Processing Systems - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 1: FORTRAN - Amendment 1 (reaffirmation of ANSI/ISO/IEC 9593-1-1990/AM 1-1995): 8/31/2001

## INFORMATION TECHNOLOGY

ANSI X3.124.1-1985 (R1996), Computer Graphics - Graphical Kernel System (GKS) FORTRAN Binding (reaffirmation of ANSI X3.124.1-1985 (R1996)): 8/31/2001

## LIFTING DEVICES

ANSI/ASME B30.18a-2001, Stacker Cranes (Top or Under Running Bridge, Multiple Girder with Top or Under Running Trolley Hoist) (supplement to ANSI/ASME B30.18-1998): 8/21/2001

## LIGHTING

ANSI/IESNA RP-28-2001, Recommended Practice on Lighting and the Visual Environment for Senior Living (new standard): 8/23/2001

## MEASUREMENT AND CALIBRATION

ANSI/ASME B89.4.1b-2001, Methods for Performance Evaluation of Coordinate Measuring Machines (supplement to ANSI/ASME B89.4.1-1997): 8/31/2001

## NUCLEAR POWER PLANTS

ANSI/ANS 58.6-1996 (R2001), Auxiliary Criteria for Remote Shutdown for Light (reaffirmation of ANSI/ANS 58.6-1996): 8/31/2001

## OUTLETS

ANSI Z21.90-2001, Gas Convenience Outlets and Optional Enclosures (same as CSA 6.24) (new standard): 8/31/2001

## PERSONNEL PROTECTION

- ANSI/ESD S9.1-2001, Protection of Electrostatic Discharge Susceptible Items: Footwear - Resistive Characterization (new standard): 8/21/2001

## PHOTOGRAPHY - FILM AND SLIDES

ANSI/PIMA IT2.37-2001, Photography - Print Grain Index - Assessment of Print Graininess from Color Negative Films (new standard): 8/31/2001

**REFRIGERATION**

ANSI/ASHRAE 41.7-1984 (R2000), Standard Method for Measurement of Flow of Gas (reaffirmation of ANSI/ASHRAE 41.7-1984 (R1991)): 8/29/2001

**SANITATION**

- ★ ANSI/NSF 13-2001, Refuse Processors and Processing Systems (revision of ANSI/NSF 13-1992): 8/9/2001

**SWITCHES**

ANSI/IEEE C37.71-2001-2001, Standard for Three-Phase, Manually Operated Subsurface and Vault Load-Interrupting Switches for Alternating-Current Systems (revision of ANSI/IEEE C37.71-1984 (R1990)): 8/30/2001

**TELECOMMUNICATIONS**

ANSI T1.112-2001, Telecommunications - Signalling System Number 7 (SS7) - Signalling Connection Control Part (SCCP) (revision of ANSI T1.112-1996): 8/21/2001

ANSI T1.113b-2001, Telecommunications - Signaling System No. 7, ISDN User Part (supplement to ANSI T1.113-2000): 8/21/2001

ANSI T1.628a-2001, Telecommunications - Routing, Bridging, and Transfer of Emergency Service Calls (RBTECS) (supplement to ANSI T1.628-2000): 8/21/2001

ANSI T1.639a-2001, Telecommunications - Calling Name Identification Restriction (supplement to ANSI T1.639-1995): 8/21/2001

ANSI T1.640-2001, Telecommunications - Broadband ISDN Network Node Interfaces and Inter-Network Interfaces - Rates and Formats Specifications (revision of ANSI T1.640-1996): 8/21/2001

ANSI T1.676-2001, BICC IP Bearer Control Protocol (new standard): 8/21/2001

ANSI/TIA/EIA 136-440-1-2001, TDMA Third Generation Wireless - Adaptive Multi-Rate (AMR) Wireless (supplement to ANSI/TIA/EIA 136-440-2001): 8/31/2001

**VENDING MACHINES**

- ANSI/UL 541-2001, Vending Machines, Refrigerated (revision of ANSI/UL 541-1994): 8/20/2001

**WELDING AND CUTTING**

ANSI/AWS D1.1/D1.1M-2002, Structural Welding Code - Steel (revision of ANSI/AWS D1.1-2000): 8/31/2001

# ASTM Standards

**ACOUSTICS**

ANSI/ASTM D5527-01, Practices for Measuring Surface Wind and Temperature by Acoustic Means (revision of ANSI/ASTM D5527): 8/23/2001

**AEROSOLS**

ANSI/ASTM D6061-01, Practice for Evaluating the Performance of Respirable Aerosol Samplers (new standard): 8/23/2001

- ANSI/ASTM D6062M-01, Guide for Personal Samplers of Health-Related Aerosol Fractions (Metric) (new standard): 8/23/2001

**AIR**

ANSI/ASTM D2986-95 (R01), Practice for Evaluation of Air Assay Media by the Monodisperse DOP (Dioctyl Phthalate) Smoke Test (reaffirmation of ANSI/ASTM D2986-95a): 8/23/2001

ANSI/ASTM D3249-95 (R01), Practice for General Ambient Air Analyzer Procedures (reaffirmation of ANSI/ASTM D3249): 8/23/2001

ANSI/ASTM D4861-01, Practice for Sampling and Selection of Analytical Techniques for Pesticides and Polychlorinated Biphenyls in Air (revision of ANSI/ASTM D4861): 8/23/2001

ANSI/ASTM D6245-01, Guide for Using Indoor Carbon Dioxide Concentrations to Evaluate Indoor Air Quality and Ventilation (new standard): 8/23/2001

ANSI/ASTM D6246-01, Practice for Evaluating the Performance of Diffusive Samplers (new standard): 8/23/2001

ANSI/ASTM D6271-98, Test Method for Estimating contribution of Environmental Tobacco Smoke to Respirable Suspended Particles Based on Solanesol (new standard): 8/23/2001

ANSI/ASTM D6306-01, Guide for Placement and Use of Diffusion Controlled Passive Monitors for Gaseous Pollutants in Indoor Air (new standard): 8/23/2001

ANSI/ASTM D6345-01, Guide for Selection of Methods for Active, Integrative Sampling of Volatile Organic Compounds in Air (new standard): 8/23/2001

ANSI/ASTM D6399-01, Guide for Guide for Selecting Instruments and Methods for Measuring Air Quality in Aircraft Cabins (new standard): 8/23/2001

ANSI/ASTM E1370-01, Guide for Air Sampling Strategies for Worker and Workplace Protection (new standard): 8/23/2001

**ATMOSPHERE**

ANSI/ASTM D1356-01, Terminology Relating to Sampling and Analysis of Atmospheres (revision of ANSI/ASTM D1356): 8/23/2001

ANSI/ASTM D1357-01, Practice for Planning the Sampling of the Ambient Atmosphere (revision of ANSI/ASTM D1357-95): 8/23/2001

ANSI/ASTM D1914-95 (R01), Practice for Conversion Units and Factors Relating to Sampling and Analysis Atmospheres (reaffirmation of ANSI/ASTM D1914-95): 8/23/2001

ANSI/ASTM D2010-01, Test Methods for Evaluation of Total Sulfation Activity in the Atmosphere by the Lead Dioxide Technique (revision of ANSI/ASTM D2010M): 8/23/2001

ANSI/ASTM D3266-91 (R01), Test Methods for Automated Separation and Collection of Particulate and Acidic Gaseous Fluoride in the Atmosphere (Double Paper Tape Sampler Method) (reaffirmation of ANSI/ASTM D3266): 8/23/2001

ANSI/ASTM D3824-95 (R01), Test Methods for Continuous Measurement of Oxides of Nitrogen in the Ambient or Workplace Atmosphere by the Chemiluminescent Method (reaffirmation of ANSI/ASTM D3824): 8/23/2001

ANSI/ASTM D4413-01, Test Methods for Determination of Ethylene Oxide in Workplace Atmospheres (Charcoal Tube Methodology) (revision of ANSI/ASTM D4413): 8/23/2001

ANSI/ASTM D4765-01, Test Method for Fluorides in Workplace Atmospheres (revision of ANSI/ASTM D4765): 8/23/2001

ANSI/ASTM D4766-01, Test Methods for Vinyl Chloride in Workplace Atmospheres (Charcoal Tube Method) (revision of ANSI/ASTM D4766): 8/23/2001

ANSI/ASTM D4856-01, Test Method for Determination of Sulfuric Acid Mist in the Workplace Atmosphere (Ion Chromatographic) (revision of ANSI/ASTM D4856): 8/23/2001

ANSI/ASTM D5111-01, Guide for Choosing Locations and Sampling Methods to Monitor Atmospheric Deposition at Non-Urban Locations (revision of ANSI/ASTM D5111): 8/23/2001

ANSI/ASTM D5578-94 (R01), Test Method for Determination of Ethylene Oxide in Workplace Atmospheres (HBr Derivatization Method) (reaffirmation of ANSI/ASTM D5578): 8/23/2001

ANSI/ASTM D6327-01, Test Method for Determination of Radon Decay Product Concentration and Working Level in Indoor Atmospheres by Active Sampling on a Filter (new standard): 8/23/2001

ANSI/ASTM D6328-01, Guide for Quality Assurance Protocols for Chemical Analysis of Atmospheric Wet Deposition (new standard): 8/23/2001

ANSI/ASTM D6589-01, Guide for Statistical Evaluation of Atmospheric Dispersion Model Performance (new standard): 8/23/2001

**ATMOSPHERES**

ANSI/ASTM D3267-91 (R01), Test Methods for Separation and Collection of Particulate and Water-Soluble Gaseous Fluorides in the Atmosphere (Filter and Impinger Method) (reaffirmation of ANSI/ASTM D3267): 8/23/2001

ANSI/ASTM D3268-91 (R01), Test Methods for Separation and Collection of Particulate and Gaseous Fluorides in the Atmosphere (Sodium Bicarbonate-Coated Glass Tube and Particulate Filter Method) (reaffirmation of ANSI/ASTM D3268): 8/23/2001

ANSI/ASTM D4600-95 (R01), Test Method for Determination of Benzene-Soluble Particulate Matter in Workplace Atmospheres (reaffirmation of ANSI/ASTM D4600): 8/23/2001

**CARBON MONOXIDE DETECTORS**

ANSI/ASTM D6332-01, Guide for Testing Systems for Measuring Dynamic Responses of Carbon Monoxide Detectors to Gases and Vapors (new standard): 8/23/2001

**CHEMICALS**

ANSI/ASTM D4913-01, Practice for Determining Concentration of Hydrogen Sulfide by Direct Reading, Length of Stain, Visual Chemical Detectors (revision of ANSI/ASTM D4913): 8/23/2001

**FILTERS**

ANSI/ASTM F1040-01, Specification for Filter Units, Air Conditioning Viscous-Impingement and Dry Types, Replaceabl (new standard): 3/10/2001

ANSI/ASTM F147-01, Test Method for Air Cleaning Performance of a High-Efficiency Particulate Air-Filter System (new standard): 8/23/2001

ANSI/ASTM F778-01, Methods for Gas Flow Resistance Testing of Filtration Media (new standard): 3/10/2001

**FLOORING**

ANSI/ASTM D6333-01, Practice for Collection of Dislodgeable Pesticide Residues from Floors (new standard): 8/23/2001

**GAS CHROMATOGRAPHY**

ANSI/ASTM D6060-01, Practice for Sampling of Process Vents with a Portable Gas Chromatograph (new standard): 8/23/2001

**GASES**

ANSI/ASTM D3685/D3685M-01, Test Methods for Sampling and Determination of Particulate Matter in Stack Gases (revision of ANSI/ASTM D3685/D3685M): 8/23/2001

ANSI/ASTM D6522-01, Practice for Determination of Nitrogen Oxides, Carbon Monoxide, and Oxygen Concentrations in Emissions from Natural Gas-Fired Reciprocating Engines, Combustion Turbines, Boilers, and Process Heaters Using Portable Analyzers (new standard): 8/23/2001

ANSI/ASTM D6552-01, Practice for Controlling and Characterizing Errors in Weighing Collected Aerosols (new standard): 8/23/2001

ANSI/ASTM D6561-01, Test Method for Determination of Aerosol Monomeric and Oligomeric Hexamethylene Diisocyanate (HDI) in Air with (Methoxy-2-phenyl-1) Piperazine (MOPIP) in the Workplace (new standard): 8/23/2001

ANSI/ASTM D6562-01, Test Method for Determination of Gaseous Hexamethylene Diisocyanate (HDI) in Air with 9-(N-methylaminomethyl) Anthracene Method (MAMA) in the Workplace (new standard): 8/23/2001

**GUIDES**

ANSI/ASTM D4298-91 (R01), Guide for Intercomparing Permeation Tubes to Establish Traceability (reaffirmation of ANSI/ASTM D4298): 8/23/2001

ANSI/ASTM D6329-01, Guide for Developing Methodology for Evaluating the Ability of Indoor Materials to Support Microbial Growth Using Static Environmental Chambers (new standard): 8/23/2001

**HOBBY AND SPORTS EQUIPMENT**

ANSI/ASTM F2115-01, Test Method for Motorized Treadmills (new standard): 7/10/2001

**LUBRICATING GREASES**

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

**MASONRY**

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

**MEASUREMENT AND CALIBRATION**

ANSI/ASTM D3609-01, Practice for Calibration Techniques Using Permeation Tubes (revision of ANSI/ASTM D3609): 8/23/2001

ANSI/ASTM D3796-90 (R01), Practice for Calibration of Type S Pitot Tubes (reaffirmation of ANSI/ASTM D3796): 8/23/2001

ANSI/ASTM D4430-01, Practice for Determining the Operational Comparability of Meteorological Measurements (revision of ANSI/ASTM D4430): 8/23/2001

ANSI/ASTM D5438-01, Practice for Collection of Floor Dust for Chemical Analysis (revision of ANSI/ASTM D5438): 8/23/2001

**OILS**

ANSI/ASTM D5184-01, Test Method for the Determination of Aluminum and Silicon in Fuel Oils by Ashing, Fusion, Inductively-Coupled Plasma Atomic Emission Spectrometry and Atomic Absorption Spectrometry (revision of ANSI/ASTM D5184-91): 6/5/2001

**PARTICULATE MATTER**

ANSI/ASTM D1739-01, Test Methods for Collection and Measurement of Dustfall (Settleable Particulate Matter) (revision of ANSI/ASTM D1739): 8/23/2001

**PLASTICS**

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

**ROTAMETER**

ANSI/ASTM D3195-90 (R01), Practice for Rotameter Calibration (reaffirmation of ANSI/ASTM D3195): 8/23/2001

**SPECTROMETRY**

ANSI/ASTM D6420-01, Test Method for Determination of Gaseous Organic Compounds by Direct Interface Gas Chromatography-Mass Spectrometry (new standard): 8/23/2001

**STEEL**

ANSI/ASTM A193/A193M-01, Specification for Alloy-Steel and Stainless Steel Bolting Materials for High-Temperature Service (revision of ANSI/ASTM A193/A193M-00): 4/24/2001

**TESTING**

ANSI/ASTM D1607-95 (R01), Test Methods for Nitrogen Dioxide Content of the Atmosphere (Griess-Saltzman Reaction) (reaffirmation of ANSI/ASTM D1607-95): 8/23/2001

ANSI/ASTM D1608-01, Test Methods for Oxides of Nitrogen in Gaseous Combustion Products (Phenol-Disulfonic Acid Procedures) (revision of ANSI/ASTM D1608): 8/23/2001

ANSI/ASTM D3154-01, Test Methods for Average Velocity in a Cuct (Pitot Tube Method) (revision of ANSI/ASTM D3154): 8/23/2001

ANSI/ASTM D3162-94 (R01), Test Methods for Carbon Monoxide in the Atmosphere (Continuous Measurement by Nondispersive Infrared Spectrometry) (reaffirmation of ANSI/ASTM D3162-94): 8/23/2001

ANSI/ASTM D3270-01, Test Methods for Analysis for Fluoride Content of the Atmosphere and Plant Tissues (Semiautomated Method) (revision of ANSI/ASTM D3270): 8/23/2001

ANSI/ASTM D3608-95 (R01), Test Methods for Nitrogen Oxides (Combined) Content in the Atmosphere by the Griess-Saltzman Reaction (reaffirmation of ANSI/ASTM D3608): 8/23/2001

ANSI/ASTM D3631-01, Test Methods for Measuring Surface Atmospheric Pressure (revision of ANSI/ASTM D3631): 8/23/2001

ANSI/ASTM D5110-01, Practice for Calibration of Ozone Monitors and Certification of Ozone Transfer Standards Using Ultraviolet Photometry (revision of ANSI/ASTM D5110): 8/23/2001

ANSI/ASTM D6056-01, Test Method for Determining Concentration of Airborne Single-Crystal Ceramic Whiskers in the Workplace Environment by Transmission Electron Microscopy (new standard): 8/23/2001

ANSI/ASTM D6057-01, Test Method for Determining Concentration of Airborne Single-Crystal Ceramic Whiskers in the Workplace Environment by Phase Contrast Microscopy (new standard): 8/23/2001

ANSI/ASTM D6058-01, Practice for Determining Concentration of Airborne Single-Crystal Ceramic Whiskers in the Workplace Environment (new standard): 8/23/2001

ANSI/ASTM D6059-01, Test Method for Determining Concentration of Airborne Single-Crystal Ceramic Whiskers in the Workplace Environment by Scanning Electron Microscopy (new standard): 8/23/2001

ANSI/ASTM D6330-01, Practice for Determination of Volatile Organic Compounds (Excluding Formaldehyde) Emissions from Wood-Based Panels Using Small Environmental Chambers Under Defined Test Conditions (new standard): 8/23/2001

ANSI/ASTM D6331-01, Test Method for Determination of Mass Concentration of Particulate Matter from Stationary Sources at Low Concentrations (Manual Gravimetric Method) (new standard): 8/23/2001

ANSI/ASTM D6348-01, Test Method for Determination of Gaseous Compounds by Extractive Direct Interface Fourier Transform Infrared (FTIR) Spectroscopy (new standard): 8/23/2001

ANSI/ASTM D6363-01, Test Method for Determination of Hydrogen Peroxide and Combined Organic Peroxides in Atmospheric Water Samples by Peroxidase Enzyme Fluorescence Method (new standard): 8/23/2001

ANSI/ASTM D6494-01, Test Method for Determination of Asphalt Fume Particulate Matter In Workplace Atmospheres as Benzene Soluble Fraction (new standard): 8/23/2001

## **THERMOMETERS**

ANSI/ASTM D6011-01, Test Method for Determining the Performance of a Sonic Anemometer/Thermometer (new standard): 8/23/2001

# **Standards Withdrawn**

## **INFORMATION SYSTEMS - DATA COMMUNICATION**

ANSI X3.271-1996, Fibre Channel Single-Byte Command Code Sets (SBCCS) Mapping Protocol (FC-SB) (withdrawal of ANSI X3.271-1996): 8/31/2001

## **MICROPHONES**

ANSI S1.12-1967, Laboratory Standard Microphones, Specifications (withdrawal of ANSI S1.12-1967 (R1997)): 8/31/2001

## **PHOTOGRAPHY - OPTICS**

ANSI/ISO 6728-1983, ANSI PH3.607-1985 (R1990), Camera Lenses - Determination of ISO Colour Contribution Index (withdrawal of ANSI/ISO 6728-1983, ANSI PH3.607-1985 (R1990)): 8/31/2001

## **PHOTOGRAPHY - SENSITOMETRY**

ANSI/ISO 3028-1984, ANSI/NAPM IT2.28-1985, Photography (Sensitometry) - Camera Flash Illuminants - Determination of ISO Spectral Distribution Index (ISO/SDI) (withdrawal of ANSI/ISO 3028-1984, ANSI PH2.28-1985 (R1990)): 8/31/2001

# 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.

## American Dental Association

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BSR/ADA 2, Dental Gypsum-bonded Casting Investments (revision of ANSI/ADA 2-1987 (R1995))

BSR/ADA 42, Dental Phosphate-bonded Casting Investments (new standard)

BSR/ADA 74, Dental Operator's Stools (new standard)

BSR/ADA 76, Non-Sterile Natural Rubber Latex Gloves for Dentistry (revision of ANSI/ADA 76-1998)

BSR/ADA 92, Dental Phosphate-bonded Refractory Die Materials (new standard)

BSR/ADA 97, Corrosion Test Methods (new standard)

## American Society of Mechanical Engineers

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New York, NY 10016

**Fax:** (212) 591-8501

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BSR/ASME A17.x, Elevator Suspension Means (new standard)

## ASTM

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**Fax:** (610) 832-9666

**Contact:** Stephen Mawn

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BSR/ASTM E06.58, Practice for Determining the Water Vapor Transmission(WVT) of EIFS Components and Combinations of Components (new standard)

BSR/ASTM E06.81, Classification for Allowance, Contingency and Reserve Sums in Building Construction Estimating (new standard)

BSR/ASTM Z5838Z, Test Method for Measuring Noise Reduction of Sound-Isolating Enclosures in the Field (new standard)

BSR/ASTM Z8816Z, Specification for Color and Appearance Retention of Solid Colored Plastic Siding Products (new standard)

BSR/ASTM Z9029Z, Test Method for Rigidity of Poly(Vinyl Chloride)(PVC) Siding (new standard)

BSR/ASTM Z9032Z, Classification System for Acrylonitrile-Styrene-Acrylate (ASA) and Acrylonitrile-EPDM-Styrene (AES) Plastics and Alloys Molding and Extrusion Materials (new standard)

BSR/ASTM Z9033Z, Classification for Polyoxymethylene (POM, Acetal) (new standard)

BSR/ASTM Z9034Z, Classification System for Perfluoroalkoxy (PFA)-Fluorocarbon Resin Molding and Extrusion Materials (new standard)

BSR/ASTM Z9035Z, Classification System for Polyamide Injection and Extrusion Materials (PA) (new standard)

BSR/ASTM Z9036Z, Specification for the Performance of Paintball Barrier Netting (new standard)

BSR/ASTM Z9037Z, Installation Guide for Paintball Barrier Netting (new standard)

BSR/ASTM Z9039Z, Performance Specification for Paintball Marker Barrel Blocking Devices (new standard)

BSR/ASTM Z9040Z, Specification for Paintball Markers (new standard)

BSR/ASTM Z9041Z, Specification for Polypropylene (PP) Siding Panels (new standard)

BSR/ASTM Z9076Z, Practice for Rating-Scale Measures Relevant to the Electronic Health Record (new standard)

BSR/ASTM Z9077Z, Specification for Healthcare Document Formats (new standard)

BSR/ASTM Z9090Z, Practice for Specimen Preparation and Mounting of Pipe and Duct Insulation Systems to Assess Surface Burning Characteristics (new standard)

BSR/ASTM Z9099Z, Practice for Verifying Acoustic Emission Sensor Response (new standard)

## Business and Institutional Furniture Manufacturers Association

**Office:** 2680 Horizon Drive, S.E., Suite 1-A  
Grand Rapids, MI 49546-7500

**Fax:** (616) 285-3765

**Contact:** Richard Driscoll

**E-mail:** rdriscol@bifma.org

BSR/BIFMA X5.9-2002, Office Furniture Storage Units - Tests (new standard)

## Compressed Air and Gas Institute

**Office:** 1300 Sumner Avenue  
Cleveland, OH 44115-2851

**Fax:** (216) 241-0105

**Contact:** R. Christopher Johnson

BSR/CAGI ADF 100, Refrigerated Compressed Air Dryers - Methods for Testing and Rating (revision of ANSI/CAGI ADF 100-1998)

## EIFS Industry Members Association

**Office:** Rohm and Haas Company  
727 Norristown Road  
Spring House, PA 19477

**Fax:** (215) 619-1623

**Contact:** Michael O'Brien

**E-mail:** rssmjo@rohmmaas.com



BSR/EIMA 01-D, Expanded Polystyrene (EPS) Insulation Board (new standard)

#### Entertainment Services and Technology Association

**Office:** 875 Sixth Avenue, Suite 2302  
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**Fax:** (212) 244-1502

**Contact:** Karl Ruling

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

BSR E1.20, Remote device management over USITT DMX512 (new standard)

#### Material Handling Industry

**Office:** 8720 Red Oak Blvd., Suite 201  
Charlotte, NC 28217

**Fax:** (704) 676-1199

**Contact:** Michael Ogle

**E-mail:** mhstd@mhia.org

BSR MH26.2, Specification for the Design, Testing, and Utilization of Welded-Wire Rack Decking (revision of ANSI MH26.2-1997)

BSR MH28.1, Design, Testing, Utilization and Application of Industrial Grade Steel Shelving and Commentary (revision of ANSI MH28.1-1997 and Commentary)

#### 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 C78.62035-2001, Discharge Lamps-Safety Specifications (new standard)

#### NCITS Secretariat/ITI

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

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

**Contact:** Deborah J. Donovan

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

BSR NCITS 256 (PN 841-R), Information Technology - Radio Frequency Identification (RFID) (revision of BSR NCITS 256-2001)

BSR NCITS PN-1524-D, Information Technology - SCSI RDMA Protocol - 2 (SRP-2) (new standard)

BSR NCITS PN-1525-D, Information Technology - SCSI Parallel Interface - 5 (SPI-5) (new standard)

BSR NCITS PN-1526-D, Information Technology - Real Time Locating Systems (new standard)

#### NSF International

**Office:** P.O. Box 130140  
Ann Arbor, MI 48113-0140

**Fax:** (734) 827-6831

**Contact:** Donna Backus

**E-mail:** backus@nsf.org

BSR/NSF 221-1, Water Treatment Systems for Microbiologically Unsafe Water - Ultraviolet (new standard)

BSR/NSF 221-2, Water Treatment Systems for Microbiologically Unsafe Water - Filtration (new standard)

BSR/NSF 221-3, Water Treatment Systems for Microbiologically Unsafe Water - Halogenation (new standard)

#### Society of Cable Telecommunications Engineers

**Office:** 140 Phillips Road  
Exton, PA 19341

**Fax:** (610) 363-5898

**Contact:** Stephen Oksala

**E-mail:** soksala@scte.org

BSR/SCTE IPS TP 001 (SCTE 9), Test Method for Cold Bend (new standard)

BSR/SCTE IPS TP 002 (SCTE 10), Test Method for Flexible Coaxial Cable Impact Test (new standard)

BSR/SCTE IPS TP 014 (SCTE 11), Test Method for Aerial Cable Corrosion Protection Flow (new standard)

BSR/SCTE IPS TP 100 (SCTE 15), Specification for Trunk, Feeder, and Distribution Coaxial Cable (new standard)

BSR/SCTE IPS TP 102 (SCTE 12), Center Conductor Bond to Dielectric for Trunk, Feeder and Distribution Coaxial Cables (new standard)

BSR/SCTE IPS TP 103 (SCTE 13), Dielectric Air Leakage Test Method for Trunk, Feeder and Distribution Coaxial Cable (new standard)

BSR/SCTE IPS TP 204 (SCTE 16), Test Procedure for Hum Modulation (new standard)

BSR/SCTE IPS TP 216 (SCTE 17), Test Procedure for Carrier to Noise (C/N, CCN, CIN, CTN) (new standard)

BSR/SCTE IPS TP 700 (SCTE 14), Test Method for Hex Crimp Tool Verification/Calibration (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 1838, Standard for Safety for Low Voltage Landscape Lighting Systems (new standard)

BSR/UL 296, Standard for Safety for Oil Burners (revision of ANSI/UL 296-1994)

BSR/UL 486A-486B, Standard for Safety for Wire Connectors (revision and redesignation of ANSI/UL 486A-1998)

BSR/UL 61010A-1, Standard for Safety for Electrical Equipment for Laboratory Use; Part 1: General Requirements (new standard)

BSR/UL 96, Standard for Safety for Lightning Protection Components (revision of ANSI/UL 96-1998)

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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:

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- TIA
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# ISO Draft International Standards

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

## Comments

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## **CINEMATOGRAPHY (TC 36)**

ISO/DIS 2939, Cinematography - Picture image area on 35 mm motion-picture release prints - Position and dimensions - 12/15/2001, \$38.00

ISO/DIS 5758, Cinematography - Labelling of containers for motion-picture film and magnetic material - Minimum information for exchange of materials - 12/8/2001, \$26.00

ISO/DIS 8567, Cinematography - Maximum permissible area for subtitle on 35 mm and 16 mm motion-picture release prints - Position and dimensions - 12/15/2001, \$35.00

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ISO/DIS 22093, Industrial automation systems and integration - Physical device control - Dimensional measuring interface standard (DMIS) - 11/24/2001, \$235.00

## **PAINTS AND VARNISHES (TC 35)**

ISO/DIS 16862, Paints and varnishes - Evaluation of resistance to sagging - 12/15/2001, \$46.00

## **PHOTOGRAPHY (TC 42)**

ISO/DIS 18929, Imaging materials - Wet-processed silver-gelatin type black-and-white phototgraphic reflection prints - Specifications for dark storage - 12/15/2001, \$75.00

## **ROAD VEHICLES (TC 22)**

ISO/DIS 11898-1, Road vehicles - Controller area network (CAN) - Part 1: Data link layer and physical signalling - 12/15/2001, \$92.00

ISO/DIS 11898-2, Road vehicles - Controller area network (CAN) - Part 2: High-speed medium access unit - 12/15/2001, \$68.00

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

ISO/DIS 17662, Welding - Calibration, verification and validation of equipment used for welding, including ancillary activities - 12/15/2001, \$75.00

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

ISO/IEC DIS 22050, Information technology - Data interchange on 12,7 mm, 384-track magnetic tape cartridges - Ultrium-1 format - 12/25/2001, \$136.00

ISO/IEC DIS 22051, Information technology - Data interchange on 12,7 mm, 448-track magnetic tape cartridges - SDLT1 format - 12/25/2001, \$105.00

# Newly Published ISO and IEC Standards



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

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## ISO Standards

### AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO 6755:2001](#), Dried sour cherries - Specification, \$35.00

### AIR QUALITY (TC 146)

[ISO 15202-2:2001](#), Workplace air - Determination of metals and metalloids in airborne particulate matter by inductively coupled plasma atomic emission spectrometry - Part 2: Sample preparation, \$84.00

### AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 8097:2001](#), Aircraft - Minimum airworthiness requirements and test conditions for certified air cargo unit load devices, \$26.00

### ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

[ISO 4135:2001](#), Anaesthetic and respiratory equipment - Vocabulary, \$105.00

[ISO 5366-3:2001](#), Anaesthetic and respiratory equipment - Tracheostomy tubes - Part 3: Paediatric tracheostomy tubes, \$42.00

### DENTISTRY (TC 106)

[ISO 6876:2001](#), Dental root canal sealing materials, \$38.00

### FLUID POWER SYSTEMS (TC 131)

[ISO 10100:2001](#), Hydraulic fluid power - Cylinders - Acceptance tests, \$26.00

### GAS CYLINDERS (TC 58)

[ISO 10692-2:2001](#), Gas cylinders - Gas cylinder valve connections for use in the micro-electronics industry - Part 2: Specification and type testing for valve to cylinder connections, \$30.00

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[ISO 9083:2001](#), Calculation of load capacity of spur and helical gears - Application to marine gears, \$98.00

[ISO 10300-3:2001](#), Calculation of load capacity of bevel gears - Part 3: Calculation of tooth root strength, \$84.00

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[ISO 10326-2:2001](#), Mechanical vibration - Laboratory method for evaluating vehicle seat vibration - Part 2: Application to railway vehicles, \$54.00

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[ISO 14532:2001](#), Natural gas - Vocabulary, \$105.00

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[ISO 8502-8:2001](#), Preparation of steel substrates before application of paints and related products - Tests for the assessment of surface cleanliness - Part 8: Field method for the refractometric determination of moisture, \$30.00

### PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

[ISO 12185/Cor1:2001](#), Crude petroleum and petroleum products - Determination of density - Oscillating U-tube method - Corrigendum, FREE

### PHOTOGRAPHY (TC 42)

[ISO 8374:2001](#), Photography - Determination of ISO safelight conditions, \$46.00

[ISO 14535:2001](#), Photography - Room-light loading packages for electronic scanners and image-setting film and paper rolls - Dimensions and related requirements, \$30.00

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**ROAD VEHICLES (TC 22)**

[ISO 2575/Amd4:2001](#), Road vehicles - Symbols for controls, indicators and tell-tales - Amendment 4, \$10.00

[ISO 6624-1:2001](#), Internal combustion engines - Piston rings - Part 1: Keystone rings made of cast iron, \$68.00

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[ISO 7650/Amd1:2001](#), Commercial vehicles and buses - Mounting dimensions for starter motors of types 1, 2, 3 and 4 - Amendment 1, \$10.00

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[ISO 10542-1:2001](#), Technical systems and aids for disabled or handicapped persons - Wheelchair tiedown and occupant-restraint systems - Part 1: Requirements and test methods for all systems, \$84.00

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[ISO/IEC 14496-3/Amd1/Cor1:2001](#), Information technology - Coding of audio-visual objects - Part 3: Audio - Amendment 1 - Corrigendum, FREE

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[IEC/PAS 61156-6 Ed. 1.0 en:2001](#), Symmetrical pair/quad cables for digital communications with transmission characteristics up to 600 MHz - Work area wiring - Sectional specification, \$25.00

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[IEC 61000-3-2 Amd.1 Ed. 2.0 b:2001](#), Amendment 1, \$36.00

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

[IEC 61076-4-107 Ed. 1.0 b:2001](#), Connectors for electronic equipment - Part 4-107: Printed board connectors with assessed quality - Detail specification for shielded two-part connectors having a basic grid of 2,0 mm, fixed part with solder and press-in terminations for printed boards, free part with non-accessible insulation displacement and crimp terminations, \$86.00

**ELECTROSTATICS (TC 101)**

[IEC 61340-4-3 Ed. 1.0 b:2001](#), Electrostatics - Part 4-3: Standard test methods for specific applications - Footwear, \$24.00

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[IEC 60068-2-78 Ed. 1.0 b:2001](#), Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state, \$21.00

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**FIBRE OPTICS (TC 86A)**

[IEC 60793-1-2 Ed. 1.2 b:2001](#), Optical fibres - Part 1-2: Generic specification - Measuring methods for dimensions, \$86.00

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**FIBRE OPTICS (TC 86B)**

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[IEC 60695-4 Ed. 2.2 b:2001](#), Fire hazard testing - Part 4: Terminology concerning fire tests, \$55.00

## **INSULATING MATERIALS (TC 15C)**

[IEC 60464-2 Ed. 2.0 b:2001](#), Varnishes used for electrical insulation - Part 2: Methods of test, \$49.00

[IEC 60684-3-246 Ed. 2.0 b:2001](#), Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 246: Heat-shrinkable polyolefin sleeving, dual wall, not flame retarded, \$25.00

## **INSULATING MATERIALS (TC 15E)**

[IEC 60216-1 Ed. 5.0 b:2001](#), Electrical insulating materials - Properties of thermal endurance - Part 1: Ageing procedures and evaluation of test results, \$78.00

## **LAMPS AND RELATED EQUIPMENT (TC 34B)**

IEC 60061-1 Ed. 3.1 b:2001, Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamp caps, \$150.00

IEC 60061-2 Ed. 3.1 b:2001, Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Lampholders, \$146.00

IEC 60061-3 Ed. 3.1 b:2001, Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges, \$179.00

[IEC 60061-4 Ed. 1.6 b:2001](#), Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 4: Guidelines and general information, \$99.00

## **LAMPS AND RELATED EQUIPMENT (TC 34C)**

[IEC 60923 Amd.1 Ed. 2.0 b:2001](#), Amendment 1, \$17.00

[IEC 60925 Ed. 1.2 b:2001](#), DC supplied electronic ballasts for tubular fluorescent lamps - Performance requirements, \$49.00

[IEC 61047 Ed. 1.2 b:2001](#), D.C. or A.C. supplied electronic step-down convertors for filament lamps - Performance requirements, \$40.00

## **LAMPS AND RELATED EQUIPMENT (TC 34D)**

[IEC 60598-2-8 Ed. 2.1 b:2001](#), Luminaires - Part 2-8: Particular requirements - Handlamps, \$32.00

[IEC 60598-2-23 Ed. 1.1 b:2001](#), Luminaires - Part 2-23: Particular requirements - Extra low voltage lighting systems for filament lamps, \$28.00

## **LASER EQUIPMENT (TC 76)**

[IEC 60825-1 Ed. 1.2 en:2001](#), Safety of laser products - Part 1: Equipment classification, requirements and user's guide, \$99.00

IEC 60825-2ISH I1 Ed. 2.0 en:2001, 60825-2 Ed. 2 Safety of laser products - Part 2: Safety of optical fibre communication systems - Interpretation sheet 1, FREE

## **PERFORMANCE OF HOUSEHOLD ELECTRICAL APPLIANCES (TC 59D)**

[IEC 60704-2-4 Ed. 2.0 b:2001](#), Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-4: Particular requirements for washing machines and spin extractors, \$36.00

## **PIEZOELECTRIC AND DIELECTRIC DEVICES FOR FREQUENCY CONTROL AND SELECTION (TC 49)**

[IEC/PAS 62276 Ed. 1.0 en:2001](#), Single crystal wafers applied for surface acoustic wave device - Specification and measuring method, \$45.00

[IEC/PAS 62277 Ed. 1.0 en:2001](#), Test-fixture of surface mounting quartz crystal units, \$19.00

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

[IEC 61189-1 Amd.1 Ed. 1.0 b:2001](#), Amendment 1, \$24.00

## **SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61F)**

[IEC 61029-2-11 Ed. 1.0 en:2001](#), Safety of transportable motor-operated electric tools - Part 2-11: Particular requirements for mitre-bench saws, \$28.00

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

[IEC 60191-2 Amd.3 Ed. 1.0 b:2001](#), Amendment 3, \$32.00

[IEC 60191-6-5 Ed. 1.0 en:2001](#), Mechanical standardization of semiconductor devices - Part 6-5: General rules for the preparation of outline drawings of surface mounted semiconductor device packages - Design guide for fine-pitch ball grid array (FBGA), \$18.00

[IEC 60191-6-8 Ed. 1.0 en:2001](#), Mechanical standardization of semiconductor devices - Part 6-8: General rules for the preparation of outline drawings of surface mounted semiconductor device packages - Design guide for glass sealed ceramic quad flatpack (G-QFP), \$18.00

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

[IEC 60747-9 Amd.1 Ed. 1.0 b:2001](#), Amendment 1, \$78.00

## **TERMINOLOGY (TC 1)**

[IEC 60050-151 Ed. 2.0 b:2001](#), International Electrotechnical Vocabulary - Part 151: Electrical and magnetic devices, \$133.00

[IEC 60050-300 Ed. 1.0 b:2001](#), International Electrotechnical Vocabulary - Electrical and electronic measurements and measuring instruments - Part 311: General terms relating to measurements - Part 312: General terms relating to electrical measurements - Part 313: Types of electrical measuring instruments - Part 314: Specific terms according to the type of instrument, \$150.00

IEC 60050-551-20 Ed. 1.0 b:2001, International Electrotechnical Vocabulary - Part 551-20: Power electronics - Harmonic analysis, \$36.00

[IEC 60050-806 Amd.1 Ed. 2.0 b:2001](#), Amendment 1, \$32.00

## **ULTRASONICS (TC 87)**

[IEC 62092 Ed. 1.0 en:2001](#), Ultrasonics - Hydrophones - Characteristics and calibration in the frequency range from 15 MHz to 40 MHz, \$62.00

## **IEC Technical Reports**

### **ELECTRICAL INSULATION SYSTEMS (EIS) (TC 98)**

[IEC 62068-2 TR3 Ed. 1.0 b:2001](#), Electrical insulation systems (EIS) - Electrical stresses produced by repetitive impulses - Part 2: State of the art, \$60.00

### **FIRE HAZARD TESTING (TC 89)**

[IEC 60695-11-30 TR3 Ed. 1.0 b:2001](#), Fire hazard testing - Part 11-30: Test flames - History and development from 1979 to 1999, \$70.00

**SAFETY OF MEASURING, CONTROL, AND LABORATORY  
EQUIPMENT (TC 66)**

[IEC 61010-3-043 TR3 Ed. 1.0 en:2001](#), Safety requirements for electrical equipment for measurement, control and laboratory use - Part 3-043: Conformity verification report for IEC 61010-2-043:1997 - Particular requirements for dry heat sterilizers using either hot air or hot inert gas for treatment of medical materials and for laboratory processes, \$62.00



## **CEN/CENELEC Standards Activity**



# CENELEC

**Competitive Excellence Through  
Standardization Technology**

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

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

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

### **Ordering Instructions**

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

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

## **CEN**

### **European drafts sent for CEN enquiry**

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

#### **BASKET TROLLEYS**

prEN 1929-3, Basket trolleys - Part 3: Requirements and tests for basket trolleys with additional goods carrying facility(ies), with or without a child carrying facility - 1/23/2002, \$36.00

prEN 1929-4, Basket trolleys - Part 4: Requirements and tests for basket trolleys with additional goods carrying facility(ies), with or without a child carrying facility, intended to be used on passenger conveyors - 1/23/2002, \$36.00

prEN 1929-7, Basket trolleys - Part 7: Requirements and tests for basket trolleys with baby and child carrying facilities - 1/23/2002, \$42.00

#### **GLASS CONTAINERS**

prEN ISO 7458, Glass containers - Internal pressure resistance - Test method (ISO/DIS 7458: 2001) - 12/16/2001, \$28.00

prEN ISO 7459, Glass containers - Thermal shock resistance and thermal shock endurance -- Test methods (ISO/DIS 7459: 2001) - 12/16/2001, \$28.00

prEN ISO 8113, Glass containers - Resistance to vertical load -Test method (ISO/DIS 8113: 2001) - 12/16/2001, \$28.00

#### **LIGHTING**

prEN 40-5 Review, Lighting columns - Part 5: Requirements for steel lighting columns - 11/16/2001, \$84.00

prEN 40-6 Review, Lighting columns - Part 6: Requirements for aluminum lighting columns - 11/16/2001, \$84.00

### **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.

#### **GAS CYLINDERS**

prEN 13365, Transportable gas cylinder - Cylinder bundles for permanent and liquefied gases (excluding acetylene) - Inspection at the time of filling

prEN 13385, Transportable gas cylinders - Battery vehicles for permanent and liquefied gases (excluding acetylene) - Inspection at the time of filling

#### **GPS**

prEN ISO 5436-2, Geometrical Product Specifications (GPS) - Surface texture - Profile method: Measurement standards - Part 2: Software measurement standards (ISO/FDIS 5436-2: 2001)

#### **MEDICAL DIAGNOSTICS**

prEN 376 REVIEW, Information supplied by the manufacturer with in vitro diagnostic reagents for self-testing

prEN 592 REVIEW, Instructions for use for in vitro diagnostic instruments for self-testing

#### **METALLIC POWDERS**

prEN ISO 3927 REVIEW, Metallic powders, excluding powders for hardmetals - Determination of compressibility in uniaxial compression (ISO/FDIS 3927: 2001)

#### **PAINTS AND VARNISHES**

prEN 12206-1, Paints and varnishes - Coating of aluminium and aluminium alloys for architectural purposes - Part 1: Coatings prepared from powder coating materials

## **PIPELINES**

prEN 10288, Steel tubes and fittings for on and offshore pipelines -  
External two layer extruded polyethylene based coatings

## **PROTECTIVE CLOTHING**

prEN 943-2, Protective clothing against liquid and gaseous chemicals,  
including liquid aerosols and solid particles - Part 2: Performance  
requirements for "gas-tight" (Type 1) chemical protective suits for  
emergency teams (ET)

## **TIMBER**

prEN 13183-1, Moisture content of a piece of sawn timber - Part 1:  
Determination by oven dry method

prEN 13183-2, Moisture content of a piece of sawn timber - Part 2:  
Estimation by electrical resistance method

## **TOYS**

EN 71-1: 1998/prA2, Safety of toys - Part 1: Mechanical and physical  
properties

## **TRANSPORTATION**

prEN 13816, Transportation Services - Public Passenger Transport -  
Service quality definition, targeting and measurement

## **VENTILATION**

prEN 13182, Ventilation for buildings - Instrumentation requirements  
for air velocity measurements in ventilated spaces

## **WELDING**

prEN ISO 15615, Gas welding equipment - Acetylene manifold systems  
for welding, cutting and allied processes - Safety requirements in  
high-pressure devices (ISO/FDIS 15615: 2001)

# Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4975.

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

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## PUBLIC REVIEW

### 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

### D&E Communications

Public review: September 26, 2001 to December 25, 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

### 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

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## Call for Comment

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

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

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

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

# International Organization of Legal Metrology

## United States Participation in the International Organization of Legal Metrology ([www.oiml.org](http://www.oiml.org))

**What is OIML?** The International Organization of Legal Metrology (OIML) was established by treaty in 1955 in order to promote the global harmonization of legal metrology procedures. The USA acceded to the treaty in 1972. The U.S. Department of State has delegated U.S. technical representation in the OIML to the National Institute of Standards and Technology (NIST). OIML has liaison status as an international standards body with the World Trade Organization's Technical Barriers to Trade Committee.

Since its inception, OIML has developed a worldwide technical structure that provides its Members with metrological guidelines for the development of national and regional requirements concerning the performance requirements and use of measuring instruments for legal metrology applications. OIML is an intergovernmental treaty organization whose membership includes Member States (currently 57), countries which participate actively in technical activities, and Corresponding Members (currently 55), countries which join OIML as observers. OIML develops model regulations entitled International Recommendations, which provide Members with an internationally agreed upon basis for the establishment of national legislation on various categories of measuring instruments. Given the increasing international implementation of OIML guidelines, more and more manufacturers are referring to OIML International Recommendations to ensure that their products meet international specifications for metrological performance and testing.

### OIML Objectives:

- Harmonize globally the performance requirements for legal measuring instruments and the means by which the performance of such instruments is verified and controlled.
- Facilitate international trade of measuring instruments.
- Establish confidence in and facilitate the international trade of products and services affected by measurements.

- Ensure correct performance of instruments used to monitor public and worker health and safety.
- Ensure accurate performance of instruments used to monitor and determine levels of pollutants in the environment.
- Assist developing nations through information and cooperative training with other organizations.

**U.S. Participation in OIML** The Technical Standards Activities Program (TSAP) at NIST coordinates the U.S. position and votes on International Documents and Recommendations. TSAP staff members facilitate this coordination by distributing drafts for comment to U.S. National Working Groups (NWGs) of the respective OIML Technical Committees and Subcommittees. The NWGs are technical expert groups composed of standards developing organizations, manufacturers, manufacturing and trade associations, and representatives of U.S. regulatory bodies. The U.S.A. Member of the International Committee of Legal Metrology is:

Dr. Charles D. Ehrlich  
National Institute of Standards and Technology  
Chief, Technical Standards Activities Program  
100 Bureau Drive, MS 2150  
Gaithersburg, MD 20899-2150  
Phone: 301-975-4834  
FAX: 301-975-5414  
Email: [charles.ehrlich@nist.gov](mailto:charles.ehrlich@nist.gov)

### Benefits of U.S. participation in OIML:

- Facilitates the participation of effected U.S. parties in the development and revision of OIML International Recommendations and Documents, providing an opportunity for comment on the requirements.
- Assists U.S. manufacturers in marketing instruments globally by not having to manufacture to different requirements in different nations.
- Establishes confidence for U.S. buyers and sellers engaged in global trade in the measurements associated with testing and certifying the quantity and other characteristics of products.

## Current U.S. Activities in International Legal Metrology:

### Interamerican Workshop on Packaging and Labeling: September 18-19 2001, Miami Beach, Florida, USA.

The Interamerican Metrology System (SIM) announces a workshop for manufacturers, retailers and government and regulatory officials of prepackaged goods from throughout the Americas. The workshop will address packaging and labeling requirements in the hemisphere and will provide a unique opportunity for industry representatives and legal metrology officials from several countries to meet in a forum to discuss packaging and labeling issues in international markets. Industry

participation from across the Americas is strongly encouraged. It is hoped that this workshop will establish a permanent process and forum to address hemispheric packaging and labeling issues. Topics include:

- Labeling requirements for both food and non-food consumer products
- OIML International Recommendations on "Net Quantity of Contents" and "Labeling" requirements
- Challenges in operating marketplace surveillance programs
- Issues confronting companies marketing in multiple countries
- Removing barriers to trade in labeling and net contents inspection of pre-packaged products

For information contact: Ileana Martinez, (301-975-2766, [ileana.martinez@nist.gov](mailto:ileana.martinez@nist.gov))

**Current OIML International  
Recommendations and Documents under  
development with the USA as Secretariat:**

OIML TC/SC <sup>1</sup>	Project	Document Stage <sup>2</sup>	NIST Contact
TC 3	Revision of D3 "Law on Metrology"	WD	Wayne Stiefel, 301-975-4011, stiefel@nist.gov
TC3/SC5	International Document on "Mutual acceptance arrangement on OIML type evaluations"	7CD	Charles Ehrlich, 301-975-4834, cehrlich@nist.gov
TC 6	Revision of R 87 "Net Contents in Packages"	1CD 2001	Ken Butcher, 301-975-4859, kbutcher@nist.gov
TC 9	Revision of R 74 "Electronic Weighing Instruments"	1CD 2001	Ken Butcher, 301-975-4859, kbutcher@nist.gov
TC 9/SC 3	Revision of R 111 "Weights of Classes E <sub>1</sub> , E <sub>2</sub> , F <sub>1</sub> , F <sub>2</sub> , M <sub>1</sub> , M <sub>1-2</sub> , M <sub>2</sub> , M <sub>3</sub> , and M <sub>3</sub> "	DR 2001	Ken Butcher, 301-975-4859, kbutcher@nist.gov
TC 9/SC 3	Revision of R 33 "Conventional Value of the Result of Weighing in Air"	1CD 2001	Ken Butcher, 301-975-4859, kbutcher@nist.gov
TC10/SC4	Revision of R117 "Measuring systems for liquid other than water" and merger of R117 with R105 "Direct mass flow measuring systems for quantities of liquids"	WD 2001	Ralph Richter, 301-975-4025, ralph.richter@nist.gov
TC 16/SC 2	Revision of R 83 "Gas chromatograph mass spectrometer/data system for analysis of organic pollutants in water"	WD	Ambler Thompson, 301-975-2333, ambler@nist.gov
TC 16/SC 2	Revision of R 100 "Atomic absorption spectrometers for measuring metal pollutants in water"	WD	Ambler Thompson, 301-975-2333, ambler@nist.gov
TC 16/SC 2	Revision of R 116 "Inductively coupled plasma atomic emission spectrometers for measurement of metal pollutants in water"	WD	Ambler Thompson, 301-975-2333, ambler@nist.gov
TC 16/SC 3	Revision of R 82 "Gas chromatographs for measuring pollution from pesticides and other toxic substances"	1CD	Ambler Thompson, 301-975-2333, ambler@nist.gov
TC 16/SC 4	New R "Fourier transform infrared spectrometers for measurement of air pollutants"	1CD	Ambler Thompson, 301-975-2333, ambler@nist.gov

**Current OIML International  
Recommendations and Documents open  
for comment:**

<b>Closing Date</b>	<b>OIML TC/SC<sup>1</sup></b>	<b>Project</b>	<b>Document Stage<sup>2</sup></b>	<b>NIST Contact</b>
9/30/01	TC 9/SC 2	"In-motion road vehicles weighing instruments: Part A - Total vehicle weighing"	DR 2001	Ken Butcher, 301-975-4859, kbutcher@nist.gov
10/01/01	TC18/SC5	"Light absorption spectrometers for medical laboratories"	2 CD 2001	Ambler Thompson, 301-975-2333 ambler@nist.gov
10/10/01	TC10/SC2	"Pressure transmitters with elastic sensing elements"	DR 2001	Ralph Richter, 301-975-4025, ralph.richter@nist.gov

<sup>1</sup> Named designations of OIML Technical Committees and Sub-committees can be found in the technical committee database on the OIML web site ([www.oiml.org](http://www.oiml.org)).

<sup>2</sup> Document Stage Acronyms  
 DR Draft Recommendation  
 DD Draft Document  
 CD Committee Draft  
 WD Working Draft

# Information Concerning

## Accredited Standards Committees

### Reaccreditation

#### ASC T1, Telecommunications

##### Comment Deadline: October 22, 2001

Accredited Standards Committee T1, Telecommunications, has submitted revisions to the operating procedures under which it was originally accredited. As these revisions have been deemed substantive, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact the Secretariat of ASC T1: Ms. Susan Carioti, Manager, Committee T1, ATIS, 1200 G Street, NW, Suite 500, Washington, DC 20005; PHONE: (202) 434-8839; FAX: (202) 347-7125; E-mail: [scarioti@atis.org](mailto:scarioti@atis.org). Please submit your comments to ATIS by October 22, 2001, with a copy to the Recording Secretary, ExSC at ANSI's New York Office (FAX: 212-840-2298; E-mail: [jthompso@ansi.org](mailto:jthompso@ansi.org)). As the revisions have been provided electronically, the public review period is 30 days. You may view or download a copy of the revised ASC T1 operating procedures from ANSI Online *during the public review period* at the following URL: [http://www.ansi.org/public/library/sd\\_revise/default.htm](http://www.ansi.org/public/library/sd_revise/default.htm).

## Accredited Organizations

### Reaccreditation

#### American Petroleum Institute (API)

The Executive Standards Council has approved the reaccreditation of the American Petroleum Institute (API) using revised operating procedures under the Organization Method, effective August 23, 2001.

For additional information, please contact: Mr. David Soffrin, Senior Standards Associate, American Petroleum Institute, 1220 L Street NW, Washington, DC 20005-4070; PHONE: (202) 682-8157; FAX: (202) 962-4797; E-mail: [soffrind@api.org](mailto:soffrind@api.org).

## Accredited Sponsors Using the Canvass Method

### Initiation of Canvasses

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

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

Industrial Safety Equipment Association  
1901 North Moore Street, Suite 808  
Arlington, VA 22209  
(703) 525-1695  
(703) 525-2148

Contact: Cristine Fargo  
[cfargo@safetysafetyequipment.org](mailto:cfargo@safetysafetyequipment.org)

BSR/ISEA 101-1996, Limited-Use and Disposable Coveralls – Size and Labeling Requirements (reaffirmation of ANSI/ISEA 101-1996)

BSR/ISEA 110, Air-Purifying Respiratory Protective Escape Devices (new standard)

Material Handling Industry  
8720 Red Oak Blvd., Suite 201  
Charlotte, NC 28217-3992  
(704) 676-1190  
(704) 676-1199

Contact: Michael Ogle  
[mhstd@mhia.org](mailto:mhstd@mhia.org)

BSR MH16.2, A Code of Safety Practices for the Use of Industrial and Commercial Steel Storage Racks (revision of ANSI MH16.2-1984 (R1996))

National Electrical Contractors Association  
3 Bethesda Metro Center, Suite 1100  
Bethesda, MD 20814  
(301) 215-4521  
(301) 215-4500

Contact: Brooke Stauffer  
[brooke@necanet.org](mailto:brooke@necanet.org)

BSR/NECA 409, Recommended Practice for Installing and Maintaining Dry-Type Transformers (new standard)

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

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

BSR/NSPI 4, Standard for Aboveground/Onground Residential Swimming Pools (revision of ANSI/NSPI 4-1999)

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

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

BSR/UL 1786, Standard for Safety for Direct Plug-in Portable Luminaires (new standard)

Note: Underwriters Laboratories, Inc. is actively seeking User and General Interest Participants.

Underwriters Laboratories, Inc.  
333 Pfingsten Road  
Northbrook, IL 60004  
(847) 272-8800, ext. 42850  
(847) 509-6217

Contact: Mitchell Gold  
[Mitchell.Gold@us.ul.com](mailto:Mitchell.Gold@us.ul.com)

BSR/UL 410, Standard for Safety for Slip Resistance for Floor Surface Materials (new standard)



## Meeting Notices

### AMT – The Association for Manufacturing Technology

#### B11.01 Subcommittee – Mechanical power presses

The B11.01 Subcommittee, sponsored by the Secretariat (AMT) will hold a meeting on Thursday, September 26, 2001 at the Peachtree Westin in downtown Atlanta, GA. The B11 Committee is an ANSI Accredited Standards Committee on machine tool safety, and the B11.01 Subcommittee deals with the safety performance requirements of mechanical power presses.

The purpose of this meeting is to review and respond to negative comments on the balloted revised 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](mailto:pov@mfgtech.org) for details on meeting location and reservations information.

#### B11.10 Subcommittee – Metal Cutting Saws

The B11.10 Subcommittee, sponsored by the Secretariat (AMT) will hold its next meeting on Tuesday and Wednesday, October 9-10, 2001 near Detroit, MI. The B11 Committee is an ANSI Accredited Standards Committee on machine tool safety, and the B11.10 Subcommittee deals with the safety performance requirements of metal cutting saws.

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 Deedra Sights at AMT (703) 827-5266 or email: [dsights@mfgtech.org](mailto:dsights@mfgtech.org) for details on meeting location and reservations information.

#### B11.20 Subcommittee – Manufacturing Systems/Cells

The B11.20 Subcommittee, sponsored by the Secretariat (AMT) will hold its next meeting on Thursday and Friday, October 11-12, 2001 near Detroit, MI. The B11 Committee is an ANSI Accredited Standards Committee on machine tool safety, and the B11.20 Subcommittee deals with the safety performance requirements for manufacturing systems and cells.

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 Deedra Sights at AMT (703) 827-5266 or email: [dsights@mfgtech.org](mailto:dsights@mfgtech.org) for details on meeting location and reservations information.



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