

ANSI STANDARDS ACTION

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American National Standards

Call for comment on proposals listed

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

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

Comment Deadline: August 27, 2001

REGULATORS

- BSR/UL 144, Standard for Safety for Pressure-Regulating Valves for LP Gas (new standard)

Covers pressure regulators for use with LP-Gas equipment. Regulators covered by these requirements are intended for use in non-refrigerated systems in accordance with the following standards: a) Liquefied Petroleum Gas Code, (National Fire Codes, Vol. 2) NFPA 58; b) National Fuel Gas Code (IAS/A.G.A. Z223.1), NFPA 54; c) Outdoor Cooking Gas Appliances, IAS/A.G.A. Z21.58; and d) Standard on Recreational Vehicles (RVIA A119.2) (National Fire Codes, Vol. 7), NFPA 501C. These requirements do not cover: a) Compressed gas regulators; b) Gas appliance pressure regulators; c) Regulators for use in chemical, petroleum, or utility power plants; pipeline or marine terminals; or related storage facilities at such plants or terminals; d) Combination gas control valves for gas appliances; e) Regulators for use in oxygen-fuel, gas-welding, and cutting operations; and f) Regulators for use in engine fuel (automotive and/or marine) applications. The requirements for (a) - (e) are covered in the Standard for Compressed Gas Regulators, UL 252, and in the Standard for Gas Appliance Pressure Regulators, IAS/A.G.A. Z21.18, and in the Standard for Combination Gas Controls for Gas Appliances, IAS/A.G.A. Z21.78, respectively. The assigning of flow ratings to regulators is not within the scope of these requirements, and observations of flow values are required to ascertain stability characteristics within the manufacturer's rated capacity. These requirements include tests to verify outlet pressure stability characteristics within the manufacturer's rated ca-

- Safety standard
- ★ Standard for consumer products

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See new section, "Organization of Legal Metrology Activities," pages 27—29

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

capacity. The manufacturer is to submit this data prior to the investigation of the device. See the Flow Test, Section 22, regarding the outlet pressure instability definition. UL 144 was listed for comment in the September 25, 1998 and the April 4, 2000 issues of *Standards Action*. Only revised portions of the standard are being resubmitted due to substantive changes in the text, which are listed here in their entirety.

3.4 REGULATOR, FIRST-STAGE - A type of high-pressure regulator for LP-Gas vapor service designed to reduce pressure from the container to a nominal pressure of 2 -10 psig (13.7 - 68.7 kPa).

3.6 REGULATOR, HIGH-PRESSURE - A pressure regulator for LP-Gas liquid or vapor service designed to reduce pressure from the container to a lower pressure in excess of 1.0 psig (6.9 kPa).

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3.8 REGULATOR, SECOND-STAGE - A pressure regulator for LP-Gas vapor service designed to reduce first-stage regulator outlet pressure to a pressure equal to or less than 14 inch (356 mm) water column [nominal 11 inch (279 mm) water column].

3.9 REGULATOR, SINGLE-STAGE - A pressure regulator for LP-Gas vapor service designed to reduce pressure from the container to a pressure of 1 psig (6.9 kPa) or less [nominal 11 inch (279 mm) water column].

3.10.1 REGULATOR, SPECIAL PURPOSE LOW PRESSURE - A pressure regulator for LP-Gas vapor service designed to reduce high pressure or first stage regulator outlet pressure to a maximum pressure of 1 psig (6.9 kPa) or less. This regulator is not intended for installation in two-stage piping systems that serve 1/2 psi appliance systems.

3.10.2 REGULATOR, TWO PSIG SERVICE - A type of high-pressure regulator for LP-Gas vapor service designed to reduce first-stage regulator outlet pressure to a pressure of 2.5 psig (17.2 kPa) or less [nominal 2 psig (13.8 kPa)].

7.4 The inlet of a regulator shall conform to one of the following:

- e) A Type I or II (CGA 791 or 810) appliance portion of the cylinder connection device in accordance with the Standard for Adapters and Cylinder Connection Devices for Portable LP-Gas Cylinder Assemblies, UL 2061 and the Standard for Cylinder Connection Devices, ANSI Z21.87.

14.3 A second-stage, two psig service, and the second stage of an integral two-stage, two psig service or automatic changeover regulator shall incorporate in its assembly one or both of the devices specified in (a) or (b) to reduce the risk of a build-up of excessive outlet pressure.

- a) A Type II pressure relief valve having a start-to-discharge (s-t-d) pressure setting within the

limits specified in Table 14.1, and which will limit the downstream delivery pressure to 2 psig (13.8 kPa) for a second-stage regulator and the second-stage of an integral two-stage or automatic changeover regulator, and 5 psig (34.5 kPa) for two psig service regulators and the second-stage of an integral two psig service regulator under specified test conditions. See the Type II Relief Valve Flow Capacity Test, Section 25.

18.1 A regulator shall withstand for 5 minutes, without leakage at joints, an internal aerostatic pressure of 1-1/2 times the maximum obtainable outlet pressure, and not less than 6 psig (41.4 kPa). See the Regulating Adjustment Test, Section 17.

Exception: For a second-stage regulator, and the second stage of integral two-stage and automatic changeover regulators incorporating Type II relief valves, the maximum test pressure is to be 3 psig (20.7 kPa).

19.2 One sample of each type of regulator that has been previously subjected to the Deformation Test, Section 16, and the Regulating Adjustment Test, Section 17, is to be used. A sample that has been modified to remove the seat disks from the poppet assembly is to be used. The inlet of the regulator is to be connected to the air side of a piston-type hydraulic accumulator using not more than 10 feet (3.05 m) of 1/4-inch (6.35-mm) outside diameter metal tubing having a minimum inside diameter of 0.190 inch (4.82 mm). The accumulator is to have a volume of approximately 600 cubic inches and be provided with a 1/4-turn full-open valve at the air-inlet port. The air-inlet port is to be charged with air or nitrogen and compressed to a pressure of 250 psig by applying hydrostatic pressure at the hydraulic-inlet port. With the outlet of the regulator closed, the 1/4-turn valve to the regulator is then to be opened as quickly as possible. Alternately, at the manufacturer's option, the pressure is to be applied to the outlet with the inlet of the regulator closed.

These requirements cover pressure regulators for use with LP-Gas equipment.

Send comments (with copy to BSR) to: Linda Phinney, UL-CA;
Linda.L.PhinneyGeorge@us.ul.com

Comment Deadline: September 10, 2001

AUTOMOTIVE REPAIR

- BSR/AGRSS 001, Automotive Glass Replacement Safety (revision of ANSI/AGRSS 001-2000)
Presents procedures, education and product performance requirements for auto glass replacement shops and personnel. Single copy price: \$25.00
Obtain an electronic copy from: reneet@cmservenet.com
Order from: Rick Church, c/o CM Services: 800 Roosevelt Road, Bldg. C, Suite 20, Glen Ellyn, IL 60187
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FINANCIAL SERVICES

- BSR X9.63, Key Agreement and Key Management Using Elliptic Curve-Based Cryptography (new standard)
Specializes ISO/IEC 15946-3 "Cryptographic Techniques Based on Elliptic Curves - Part 3: Key Establishment" for use by financial services industry. This standard defines key establishment schemes that employ asymmetric cryptographic techniques. The arithmetic operations involved in the operation of the schemes take place in the algebraic structure of an elliptic curve over a finite field. Both key agreement and key transport schemes are specified. Supporting mathematical definitions and examples are also provided. Single copy price: N/A
Obtain an electronic copy from: dschuber@aba.com
Order from: Global Engineering Documents, (800) 854-7179; www.global.ihs.com
Send comments (with copy to BSR) to: Darlene Schubert, ABA (ASC X9); dschuber@aba.com

IDENTIFICATION CARDS

- BSR/ISO/IEC 10373-6:2001, Identification Cards - Test Methods -Part 6: Proximity Cards (new standard)
Defines test methods for characteristics of identification cards according to the definition given in ISO/IEC 7810. Each test method is cross-referenced to one or more base standards, which may be ISO/IEC 7810 or one or more of the supplementary standards that define the information storage technologies employed identification cards applications. Test methods described are intended to be performed separately. Deals with test methods which are specific to contactless integrated circuit(s) card technology (Proximity cards). ISO/IEC 10373-1, *General characteristics*, deals with test methods which are common to one or more ICC technologies and other parts deal with other technology-specific tests. Unless otherwise specified, the tests in this part of ISO/IEC 10373 shall be applied exclusively to Proximity cards defined in ISO/IEC 14443-1 and ISO/IEC 14443-2. Single copy price: \$68.00
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- BSR/ISO/IEC 10373-7:2001, Identification Cards - Test Methods - Part 7: Vicinity Cards (new standard)
Defines test methods for characteristics of identification cards according to the definition given in ISO/IEC 7810. Each test method is cross-referenced to one or more base standards, which may be ISO/IEC 7810 or one or more of the supplementary standards that define the information storage technologies employed identification cards applications. Test methods described are intended to be performed separately. A given card is not required to pass through all the tests sequentially. This part of ISO/IEC 10373 deals with test methods, which are specific to contactless integrated circuit(s) cards technology (vicinity cards). ISO/IEC 10373-1, *General characteristics*, deals with test methods which are common to one or more ICC technologies and other parts deal with other technology-specific tests. Unless otherwise specified, the tests in this part of ISO/IEC 10373 shall be applied exclusively to Vicinity cards defined in ISO/IEC 15693-1 and ISO/IEC 15693-2. Single copy price: \$62.00

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INFORMATION SYSTEMS - DATA COMMUNICATION

BSR X3.223-1995, Information Technology - Data Compression Algorithm - Adaptive Coding with Embedded Dictionary (DCLZ Algorithm) for Information Interchange (reaffirmation of ANSI X3.223-1995)

Specifies a lossless compression algorithm to reduce the number of bits required to represent information coded by means of 8-bit bytes. This algorithm is known as DCLZ, which stands for Data Compression according to Lempel and Ziv. (See annex C for reference to Ziv and Lempel's paper). This standard specifies neither the strategy for resetting the dictionary nor that for freezing it, as these are implementation dependent. CAUTION - The user's attention is called to the possibility that compliance with this standard may require the use of an invention covered by patent rights. By publication of this standard, no position is taken with respect to the validity of this claim or of any patent rights in connection therewith. However, the patent holder has filed a statement of willingness to grant a license under these rights on reasonable and nondiscriminatory terms and conditions to applicants desiring to obtain such a license. Details of this may be obtained from the publisher. No representation or warranty is made or implied that this is the only license that may be required to avoid infringement in the use of this standard. A compression algorithm shall be in conformance with this standard if its output data stream satisfies the requirements of clause 6.
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INFORMATION TECHNOLOGY

BSR NCITS 354, Common Industry Format for Usability Test Reports (new standard)

Facilitates incorporation of usability as part of the procurement decision-making process for interactive software products. Examples of such decisions include purchasing, upgrading and automating. It provides a common format for human factors engineers and usability professionals in supplier companies to report the methods and results of usability tests to customer organizations.
 Single copy price: \$18.00 (Electronic)

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BSR X3.14-1983, Recorded Magnetic Tape for Information Interchange (200 CPI, NRZI) (reaffirmation of ANSI X3.14-1983 (R1996))

Provides specifications for format and recording for a 1/2 inch, 9-track magnetic tape to be used for information interchange among information processing systems, communication systems, and associated equipment utilizing ANSI X3.4:1977, *American National Code for Information Interchange (ASCII)*. This standard deals solely with recording on magnetic tape and supports and complements ANSI X3.40:1983, *Unrecorded Magnetic Tape for Information Interchange, (9-Track 800 CPI, NRZI, 1600 CPI, PE and 6250 CPI, GCR)*.
 Single copy price: \$18.00

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BSR X3.22-1983, Recorded Magnetic Tape for Information Interchange (800 CPI, NRZI) (reaffirmation of ANSI X3.22-1983 (R1996))

Provides for format and recording for 1/2 inch, 9-track magnetic tape to be used for information interchange among information processing systems, communication systems, and associated equipment utilizing ANSI X3.4:1977. This standard deals solely with recording on magnetic tape and supports and complements ANSI X3.40:1983, *Unrecorded Magnetic Tape for Information Interchange, (9-Track 800 CPI, NRZI, 1600 CPI, PE and 6250 CPI, GCR)*.
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BSR X3.82-1980, Cartridge, One-Sided Single-Density Unformatted 5.25 Inch Flexible Disk (reaffirmation of ANSI X3.82-1980 (R1996))

Specifies the general, physical, and magnetic requirements for interchangeability of the one-sided 5.25 inch (nominal) flexible disk cartridge - for use at 3979 bits per radian (BPR) - as required to achieve unformatted disk cartridge interchange among disk drives using 35 tracks (can be negotiated between concerned parties for use in drives using up to 40 tracks) and associated information processing systems.
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BSR X3.103-1983, Unrecorded Magnetic Tape Mini-Cassette for Information Interchange, Coplanar 3.81 mm (0.150 in) (reaffirmation of ANSI X3.103-1983 (R1996))

Represents the minimum requirements for mechanical and magnetic interchangeability of the minicassette between information processing systems, communication systems, and associated equipment using ANSI X3.4:1977, *American Standard Code for Information Interchange (ASCII)*.
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BSR X3.121-1984, Two-Sided Unformatted 8-Inch (200-mm) Double Density Flexible Disk Cartridge, General, Physical, and Magnetic Requirements (for 13,262 FTPr Two-Headed Application) (reaffirmation of ANSI X3.121-1984 (R1996))

Specifies the general, physical, and magnetic requirements for interchangeability of the two-sided, 8-in (200-mm) (nominal), 48-tracks-per-inch (tpi), flexible disk cartridge (for 13 262 flux transitions per radian (ftpr) for use) as required to achieve unformatted disk cartridge interchange among disk drives using 77 tracks per side and associated information processing systems.
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BSR X3.125-1985, Two-Sided Double Density Unformatted 5.25 Inch (130 mm) 48 Tracks per Inch (1.9 Tracks per mm) Flexible Disk Cartridge, General, Physical, and Magnetic Requirements (for 7958 BPR use) (reaffirmation of ANSI X3.125-1985 (R1996))

Specifies the general, physical, and magnetic requirements for the interchangeability of the two-sided, 5.25 inch (130 mm) (nominal), 48-tracks-per-inch (tpi) 1.9-tracks-per-millimeter (tpmm) flexible disk cartridge (for 7958 bits-per-radian (bpr) use) as required to achieve unformatted disk cartridge interchange among disk drives using 40 tracks per side and associated information processing systems. The two-sided flexible disk cartridge enclosed in a protective envelope and having two recording surfaces is of the type intended specifically for use with digital recording and reproducing equipment employing access mechanisms capable of positioning to these data tracks. Single copy price: \$18.00

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BSR X3.164-1990, Unrecorded Magnetic Tape for Information Interchange 3.81 mm (0.150 in), 252 to 394 ftpmm (6400 to 10 000 ftpi) (reaffirmation of ANSI X3.164-1990 (R1996))

Presents the minimum requirements for the mechanical and magnetic interchangeability of the cassette between information processing systems, using the physical recording density of 394 ftpmm (10 000 ftpi). Single copy price: \$18.00

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BSR X3.180-1990, Information Systems - Magnetic Tape and Cartridge for Information Interchange - 18-Track, Parallel, 1/2 inch (12.65 mm), 37 871 cpi (1491 cpmm), Group-Coded - Requirements for Recording (reaffirmation of ANSI X3.180-1990 (R1996))

Provides the requirements for a tape cartridge to be used for information interchange among information-processing systems, communication systems, and associated equipment utilizing a standard code for information interchange as agreed upon by the interchange parties. Single copy price: \$18.00

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BSR X3.181-1990, Recorded Magnetic Tape and Cartridge for Information Interchange - 1/2 Inch (12.65 mm), Serial Serpentine, 22-track, 6667 bpi (262 bpmm), and 48-track, 10000 bpi (394 bpmm), MFM-Encoded - Requirements for Recording (reaffirmation of ANSI X3.181-1990 (R1996))

Provides the requirements for a tape cartridge to be used for information interchange among information-processing systems, communications systems, and associated equipment utilizing a standard code for information interchange as agreed upon by the interchange parties. This standard deals solely with the requirements for recording on magnetic tape. Single copy price: \$18.00

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BSR X3.187-1990, Recorded Magnetic Tape for Longitudinal Recording of Instrumentation Data-Interchange (reaffirmation of ANSI X3.187-1990 (R1996))

Presents the minimum requirements for the mechanical and magnetic interchangeability of the cassette between information processing systems, using the physical recording density of 394 ftpmm (10 000 ftpi).

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BSR X3.227-1996, Information Technology - Recorded Magnetic Tape Mini-Cartridge for Information Interchange - Serial, 0.250 in (6.35 mm), 20-Track, 10 000 bpi (394 bpmm) and 28-Track, 14 700 bpi (579 bpmm), MFM Encoded (reaffirmation of ANSI X3.227-1996)

Provides the requirements for a tape cartridge to be used for information interchange among information processing systems, communication systems and associated equipment utilizing a standard code for information interchange as agreed upon by the interchange parties.

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BSR X3.243-1996, Information Technology - Recorded Magnetic Tape Cartridge for Information Interchange - Serial, 0.250 inch (6.35 mm), 26-Track, 16 000 bpi (630 bpmm), Streaming Mode, Group Code Recording (reaffirmation of ANSI X3.243-1996)

Provides the requirements for a streaming 0.250 inch (6.35 mm) wide, 26-Track, magnetic tape in a cartridge to be used for information interchange between information processing systems, communication systems, and associated equipment utilizing a standard code for information interchange, as agreed upon by the interchange parties.

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BSR X3.250-1996, Information Technology - Recorded Magnetic Tape Mini Cartridge for Information Interchange - 12/24-Track, Serial, 0.250 inch (6.35 mm) 10 000 bpi (394 bpmm) Group-Coded Recording (reaffirmation of ANSI X3.250-1996)

Provides the requirements for a tape mini cartridge to be used for information interchange among information processing systems, communication systems, and associated equipment utilizing a standard code as agreed upon by the interchange parties. This standard deals solely with the requirements for recording on magnetic tape. Compliance with the standard for unrecorded tape, *American National Standard for Information Technology - Unrecorded magnetic tape mini-cartridge for information interchange - 0.25 in (6.35 mm), 10 000 - 14 700 ftpi (394 - 579 ftpmm) Coercivity 550 oersteds (44 000 amperes/meter) (Types 2000, 2060, 2080, 2120)*, ANSI X3.249-1995, is a requirement for information interchange. The unrecorded standard provides the general requirements, definitions, physical and magnetic tape characteristics, and the tape-cartridge requirements. The use of a labeling standard, such as *American National Standard for Information systems - File structure and labeling of magnetic tapes for information interchange*, ANSI X3.27-1987 or later editions, will support data interchange between data processing systems.

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BSR X3.261-1996, Information Technology - Extended Magnetic Tape Format for Information Interchange (36-Track, Parallel Serpentine, 12.65 mm (0.05 in), 1491 cpmm (37 871 cpi) Group-Coded Recording) (reaffirmation of ANSI X3.261-1996)

Provides the requirements for a 36-track tape format to be used for information interchange of data between information processing systems, communication systems, and associated equipment using standard code as agreed upon by the interchange parties. This standard deals solely with the requirements for recording, with provision made for using a processing algorithm, on magnetic tape.

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BSR X3.264-1996, Information Technology - Unrecorded Helical-Scan Digital Computer Tape Cassette for Information Interchange, 19 mm (0.748 in) Type D-1 (reaffirmation of ANSI X3.264-1996)

Provides the unrecorded requirements for a computer tape cartridge to be used for information interchange between information processing systems. Such a cartridge is comprised of two parts: - a case to provide protection from contaminants and human handling and to facilitate loading/unloading of the cartridge by a drive; and - a magnetic tape of 19 mm (0.748 in) nominal width held inside the case on twin hubs. The tape shall be transported between the hubs for digital recording at a physical density of 2252 ftpmm (57 200 ftpi). Information interchange between information processing systems requires the use of this standard in conjunction with a recorded standard. Additionally, information interchange requires (at a minimum) the utilization of a labeling and file structure and an interchange code as agreed upon by the interchange parties. It is not within the scope of this standard to describe a recorded format, nor to address standards for labeling and file structure.

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BSR X3.266-1996, Information Technology - Magnetic Tape Cartridge for Information Interchange, 0.50 in (12.65 mm), Serial Serpentine 112-Track, 42 500 bpi (1 673 bpmm) DLT2 Format (reaffirmation of ANSI X3.266-1996)

Provides the requirements for a tape cartridge to be used for information interchange among information-processing systems, communication systems, and associated equipment utilizing a standard code for information interchange as agreed upon by the interchange parties. This standard deals with the unrecorded cartridge and for recording on the enclosed magnetic tape. This standard provides the requirements for a tape cartridge to be used for information interchange among information-processing systems, communication systems, and associated equipment utilizing a standard code for information interchange as agreed upon by the interchange parties. This standard deals with the requirements for the unrecorded cartridge and for recording on the enclosed magnetic tape. The use of a labeling standard such as ANSI X3.27-1987, *American National Standard, Tape labels and file structure for information interchange* or later editions will support data interchange between data-processing systems. Note - The user's attention is called to the possibility that compliance with this standard may require use of an invention covered by patent rights. By publication of this standard, no position is taken with respect to the validity of this claim or of any patent rights in connection therewith. The patent holder has, however, filed a statement of willingness to grant a license under these rights on reasonable and nondiscriminatory terms and conditions to applicants desiring to obtain such a license. Details may be obtained from the publisher.

Single copy price: \$18.00

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BSR X3.267-1996, Information Technology - Helical-Scan Digital Computer Tape Cartridge, 12.65 mm (0.498 in), for Information Interchange (reaffirmation of ANSI X3.267-1996)

Specifies the requirements for a helical data storage (HDS) tape cartridge to be used for information interchange among information processing systems, communication systems and associated equipment utilizing a standard code for information interchange as agreed upon by the interchange parties. Such a cartridge comprises two parts: - a case to provide protection from contaminants and handling and to facilitate loading/unloading of the cartridge by a drive; and - a magnetic tape of 12.65 mm (0.498 in) nominal width held inside the cartridge on a single supply reel. The tape shall be transported between the supply reel and a remotely located take-up reel for digital recording at a physical density of 2597 ftpmm (65 974 ftpi). The original design of the HDS tape cartridge has been made using SI units. This standard provides a format, a recording method and a means of increasing the data capacity by the use of a registered data compression algorithm. The use of a labeling standard such as *American National Standard Tape Labels and File Structure for Information Interchange*, ANSI X3.27-1987, or later editions, will support data interchange between data-processing systems.

Single copy price: \$18.00

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BSR X3.280-1996, Information Technology - Data Compression Algorithm - Adaptive Lossless Data Compression (ALDC) Algorithm for Information Interchange (reaffirmation of ANSI X3.280-1996)

Provides the requirements for a lossless compression algorithm to reduce the number of bytes required to represent data. The algorithm is known as the ALDC (Adaptive Lossless Data Compression) algorithm. The ALDC has been assigned ISO algorithm identifier numbers as follows: History Buffer Size: 512-Byte; 1024-Byte; 2048-Byte; Algorithm id number: 3, 4, 5

Single copy price: \$18.00

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

Order from: ANSI

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

BSR X3.282-1996, Information Technology - Magnetic Tape Cartridge for Information Interchange, 0.50 in (12.65 mm), Serial Serpentine, 128-Track, 62 500 bpi (2 460 bpmm), DLT3 Format (reaffirmation of ANSI X3.282-1996)

Provides the requirements for a tape cartridge to be used for information interchange among information-processing systems, communication systems, and associated equipment utilizing a standard code for information interchange as agreed upon by the interchange parties. This standard deals with the requirements for the unrecorded cartridge and for recording on the enclosed magnetic tape. The use of a labeling standard such as *American National Standard for Information Technology - File Structure and labeling of magnetic tapes for information interchange*, X3.27-1987 (R1995) will support data interchange between data-processing systems.

Single copy price: \$18.00

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

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

BSR/ISO/IEC 9075-9:2001, Information Technology - Database Languages - SQL -Part 9: Management of External Data (SQL/MED) (new standard)

Defines extensions to Database Language SQL to support management of external data through the use of foreign-data wrappers and datalink types.

Single copy price: \$218.00

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

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

BSR/ISO/IEC 9293-1994, Information Technology Diskette Labels and File Structure for Information Interchange (reaffirmation of ANSI/ISO/IEC 9293-1994)

Specifies the volume and file structure of disk cartridges for the interchange of information between users of information processing systems. It also specifies an optional record structure. Note: All the descriptions (except those in annex B) of Flexible Disk Cartridge (FDC) can be applied to Optical Disk Cartridges (ODC) as well. This International Standard is applicable to various types of disk cartridges including those identified in clause 3, and other types which may be the subject of future International Standards. It specifies the location of files of information on an FDC and also specifies a set of recorded descriptors which identifies: - the files which may be interchanged; - the location of the files; - the attributes of the files; - the location of unused space for recording on the FDC; - the location of defective recording space on the FDC; - the attributes of the FDC and of the descriptors recorded on it. The content and organization of the files are not specified by this International Standard and are subject to agreement between the originator and the recipient of the interchanged FDC.

Single copy price: \$18.00

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Order from: ANSI

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

LIFTING DEVICES

BSR/NEMA ICS 8-1996, Industrial Control and Systems Crane and Hoist Controllers (revision of ANSI/NEMA ICS 8-1996)

Applies to controllers for crane service as applied to DC, wound/rotor AC, and inverter duty motors, rated 600 volts or less. The types of cranes to which these standards are applicable are defined in the following American National Standards Institute Publications: ANSI/ASME B30.2, ANSI/ASME B30.3, ANSI/ASME B30.4.

Single copy price: \$93.00

Obtain an electronic copy from: dan_threlkel@nema.org

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

THRESHOLDS

- ★ BSR/BHMA A156.21, Thresholds (revision of ANSI/BHMA A156.21-1996)

Establishes requirements for thresholds. Types are described with identifying numbers. Strength tests, fastening systems, and gasketing tests are included.

Single copy price: \$18.00 (members \$9.00)

Obtain an electronic copy from: www.buildershardware.com

Order from: Michael Tierney, BHMA; tierney520@aol.com

Send comments (with copy to BSR) to: Same

WATER TREATMENT

- BSR/NSF 60 (i18), Drinking Water Treatment Chemicals-Health Effects (revision of ANSI/NSF 60-2000)

Comprises issue 18: Addition of TOE to Annex D, Table D4 and revision of Annex A, A.10.2, Physical and chemical properties

Single copy price: \$35.00

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

Order from: Techstreet, Attn: NSF Publications; service@techstreet.com

Send comments (with copy to BSR) to: Gayle Smith, c/o Monica Leslie, NSF; leslie@nsf.org

- BSR/NSF 61 (i33), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2000)

Comprises issue 33: Addition of TOE to Annex D, Table D4 and revision of Annex A, A.10.2, Physical and chemical properties

Single copy price: \$35.00

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

Order from: Techstreet, Attn: NSF Publications; service@techstreet.com

Send comments (with copy to BSR) to: Gayle Smith, c/o Monica Leslie, NSF; leslie@nsf.org

Comment Deadline: September 25, 2001

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

ABRASIVES

BSR B74.16, Checking the Size of Diamond Abrasive Grain (revision of ANSI B74.16-1995)

Establishes a common basis for checking the size of diamond and cubic boron nitride abrasive grain for use in the manufacture of diamond grinding wheels, saws and other industrial diamond products: The purpose of this standard is to establish a common basis for checking the size of diamond and cubic boron nitride abrasive grain for use in the manufacture of diamond grinding wheels, saws and other industrial diamond products. This standard was listed for public review in the 4/23/1999 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: \$2.58, non-member \$28.00

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

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

APPLIANCES, ELECTRIC

- ★ BSR/UL 474-1992, Standard for Safety for Dehumidifiers (revision of ANSI/UL 474-1992)

Covers self-contained dehumidifiers employing hermetic refrigerant motor-compressors and intended for connection to single-phase, alternating-current (ac) circuits rated not more than 20 amperes, 125 volts or 15 amperes, 208 or 230 volts. The requirements also cover dehumidifiers which incorporate electric air heaters. These requirements cover self-contained dehumidifiers employing hermetic refrigerant motor-compressors and intended for connection to single-phase, alternating-current (ac) circuits rated not more than 20 amperes, 125 volts or 15 amperes, 208 or 230 volts. The requirements also cover dehumidifiers which incorporate electric air heaters. This standard was listed for public review in the 4/10/1998 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: \$30.00

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

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APPLIANCES, GAS-BURNING

BSR Z21.54-1996, Gas Hose Connectors for Portable Outdoor Gas-Fired Appliances (same as CSA 8.4-M96) (reaffirmation of ANSI Z21.54-1996)

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

Single copy price: \$180.00

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

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AUDIO/VIDEO EQUIPMENT SUPPORTS

- ★ BSR/UL 1678, Standard for Safety for Household, Commercial, and Professional-Use Carts and Stands (new standard)

Applies to household, commercial, and professional-use carts, stands, and shelves intended to provide a surface for structural support of audio/video equipment. Home entertainment centers not provided with a work surface such as a desktop or keyboard shelf and intended to support audio/video equipment are covered by this standard. These requirements apply to household, commercial, and professional-use carts, stands, and shelves intended to provide a surface for structural support of audio/video equipment. Home entertainment centers not provided with a work surface such as a desktop or keyboard shelf and intended to support audio/video equipment are covered by this standard. This standard was listed for public review in the 1/12/2001 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: \$30.00

Order from: Patricia Sena, UL-NY: senap@ul.com

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BUILDING AREAS

BSR/BOMA Z65.1, Method for Measuring Floor Area in Office Buildings (reaffirmation of ANSI/BOMA Z65.1-1996)

Sets out methods for calculating gross building area, floor rentable area, floor usable area, floor common area, building common area and store area in office buildings. It has yet to be decided if the Standard needs to be revised, reaffirmed and reprinted, but the former option is a direct possibility.

Single copy price: \$25.00 members, \$35.00 non-members

Order from: Scott MacIntosh, BOMA

Send comments (with copy to BSR) to: Same

CABLES

BSR/IEEE 1580, Recommended Practice for Marine Cable for Use on Shipboard and Fixed or Floating Platforms (new standard)

Presents design, construction, and properties needed to comply with the special needs of cables used in Marine Shipboard applications. Covers marine cable constructions and applications for the installation of cable on Shipboard and Fixed or Floating Platforms. Needed for cable manufacturers to comply with the special needs of cables used in Marine applications involving electric apparatus for lighting, signaling, communication, power, and propulsion.

Single copy price: \$50.00 Nonmember, \$40.00 Member

Order from: Naeem Ahmad, IEEE

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- BSR/UL 1569, Standard for Safety for Metal-Clad Cables (revision of ANSI/UL 1569-2000)

Covers round or flat metal-clad cables that contain No. 18 AWG - 2000 kcmil insulated circuit conductors with or without one or more optical-fiber members, all enclosed in armor consisting of interlocked metal strip or a smooth or corrugated metal tube.

Electrical and hybrid electrical/optical-fiber cables for use (optical and electrical functions associated in the case of a hybrid cable) as Type MC cable in accordance with Article 334 and other applicable parts of the National Electrical Code. Requirements that cover round or flat armored cables that have thermoplastic or thermoset insulation and are for use at potentials not exceeding 600 V (thermoplastic) or 600 or 2000 V (thermoset) where subjected to temperatures not exceeding 75°C (167°F) or 90°C (194°F), depending upon the voltage and temperature ratings of the circuit conductors in the cable.

Single copy price: \$30.00

Order from: Helen Ketcham, UL-NY;

Helen.W.Ketcham@us.ul.com

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CAPACITORS

BSR/EIA 580A0AB (SP-2805-B), Detail Specification for Fixed Polyethylene Terephthalate Film Dielectric DC Capacitors Radial-Leaded (revision of ANSI/EIA 580A0AB-1999)

Applies to fixed metallized polyethylene, terephthalate film, dielectric dc, capacitors radial leaded. This standard was listed for public review in the 12/17/1999 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: \$44.00

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

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

CONSTRUCTION

BSR/IEEE C135.3, Zinc-Coated Ferrous Lag Screws for Overhead Line Construction (new standard)

Covers the basic dimensional and performance requirements for zinc-coated ferrous lag screws.

Single copy price: \$46.00 Nonmember, \$37.00 Member

Order from: IEEE, Attn: Customer Service 1-800-678-4333

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

ELECTRONICS

BSR/EIA 540B0AA (SP-4251), Detail Specification for Production Ball Grid Array (BGA), High Pin Count (1089 Pins and Greater) Socket for Use in Electronic Equipment (revision of ANSI/EIA 540B0AA-1997)

Covers interconnect systems typically used for production ball grid array (BGA) devices with pin counts of 1089 and greater.

Single copy price: \$55.00

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

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

BSR/EIA 540DAAA-A (SP-4970), Detail Specification for Dual-in-Line 2-Piece Contact Socket for Use in Electronic Equipment (reaffirmation of ANSI/EIA 540DAAA-A-1993)

Provides all information required for the identification and quality assessment of dual in-line package sockets for the NECQ system.

Single copy price: \$43.00

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

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

ELECTROSTATIC DISCHARGE

- BSR/IEEE C37.90.3, Electrostatic Discharge Tests for Protective Relays (new standard)

Specifies design tests for ESD, electrostatic discharge, tests of protective relays and relay systems.

Single copy price: \$46.00 Nonmember, \$37.00 Member

Order from: IEEE, Attn: Customer Service 1-800-678-4333

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

ELEVATORS

BSR/ASME QEI-1a, Qualification of Elevator Inspectors (revision of ANSI/ASME QEI-1-2001)

Applies to the qualification and duties of inspectors and inspection supervisors engaged in the inspection and testing of equipment to determine compliance with the requirements of ASME A17.1, ASME A17.3, CAN/CSA B44.1/ASME A17.5, and ASME A18.1. It also includes requirements for accreditation of organizations that certify inspectors and inspection supervisors. This Standard does not cover personnel engaged in engineering and type testing as covered in Section 8.3 of ASME A17.1, Section 8 of ASME A18.1, and CAN/CSA B44.1/ASME 17.5 including inspection by laboratories in association with these tests.
Single copy price: \$10.00

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

Send comments (with copy to BSR) to: Joseph Pang, ASME;
Pangj@asme.org

ENTERTAINMENT TECHNOLOGY

- ★ BSR E1.8, Entertainment Technology - Loudspeaker Enclosures Intended for Overhead Suspension - Classification, Manufacture and Structural Testing (new standard)

Encompasses the requirements for loudspeaker enclosures intended for overhead suspension and addresses only the structural characteristics relating to the suspension of the enclosure which include: enclosure construction, component part security, enclosure suspension hardware, manufacturing control systems, structural testing, and product representation. This standard was listed for public review in the 10/6/2000 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: Free

Order from: Karl Ruling, ESTA (ASC E1): kruling@esta.org
Send comments (with copy to BSR) to: Same

HEATING AND AIR CONDITIONING

- BSR/UL 1995, Standard for Safety for Heating and Cooling Equipment (revision of ANSI/UL 1995-1999)

Applies to the following stationary equipment for use in nonhazardous locations rated 7200 V or less, single- or 3-phase, and remote control assemblies for such equipment: a) Heat pumps, for heating and cooling with or without factory or field-installed electric resistance heaters, or hot water or steam heating coils; b) Air conditioners for cooling with or without factory or field-installed electric resistance heaters, or hot water or steam heating coils; c) Cooling portion and associated components of combination heating and cooling equipment employing gas-, oil-, or gas-oil-fired heating means. However, the requirement for the construction and performance of the gas-, oil-, or gas-oil-fired heating means, and their associated components, shall conform to the particular standards covering such heating equipment and components; d) Liquid chillers and compressor-evaporator or liquid chiller assemblies intended for use with remote condensers; e) Condensing units intended for connection to a remote nonspecified evaporator and compressor units intended for connection to a remote nonspecified evaporator and condenser; f) Add-on heat pumps for comfort heating or heating and cooling; g) Heat pump water heaters and refrigerant desuperheaters, and packaged heat pump water heaters consisting of a heat pump water heater and an associated storage tank; h) Fan units and fan coil units for comfort heating and/or comfort cooling; i) Room fan heater units, central heating furnaces, and similar fixed electric space heating for comfort heating.

Single copy price: \$30.00

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

INFORMATION TECHNOLOGY

BSR/EIA 700A0AB (SP-4971), Detail Specification for 1.27mm Pitch, 68 Circuit Memory Card Interconnect System (reaffirmation of ANSI/EIA 700A0AB-1995)

Delineates design as having horizontal and vertical host connectors (headers) with contacts that independently access electrically isolated contacts in PC Card Connectors (receptacles).
Single copy price: \$73.00

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

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

BSR/IEEE 802, Local and Metropolitan Area Networks: Overview and Architecture (new standard)

Comprises an overview of the architecture of the IEEE 802 suite of standards.

Single copy price: \$39.00 Nonmember, \$49.00 for members

Order from: IEEE, Attn: Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE;
d.ringle@ieee.org

BSR/IEEE 836-1992 (R1997), Precision Centrifuge Testing of Linear Accelerometers, Recommended Practice (revision of ANSI/IEEE 836-1992 (R1997))

Describes the conduct and analysis of precision tests that are to be performed on linear accelerometers using centrifuge techniques

Single copy price: \$36.00 Nonmember, \$29.00 Member

Order from: IEEE, Attn: Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE;
d.ringle@ieee.org

BSR/IEEE 1149.1, Standard Test Access Port and Boundary Scan Architecture (new standard)

Defines test logic that can be included in an integrated circuit to provide standardized approaches to: a) testing the interconnections between integrated circuits once they have been assembled onto a printed circuit board or other substrate; b) testing the integrated circuit itself; and c) observing or modifying circuit activity during the component's normal operation. The test logic consists of a boundary-scan register and other building blocks and is accessed through a Test Access Port (TAP).

Single copy price: \$63.00 Nonmember, \$50.00 Member

Order from: IEEE, Attn: Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE;
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BSR/IEEE 1301-1992, Metric Equipment Practice for Microcomputers - Coordination Document (reaffirmation of ANSI/IEEE 1301-1992)

Applies to all fields of electronics where equipment and installations are required to conform to a metric modular order.

Single copy price: \$83.00 Nonmember, \$66.00 Member

Order from: IEEE, Attn: Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE;
d.ringle@ieee.org

BSR/IEEE 1301.1-1992, Metric Equipment Practice for Microcomputers - Convection Cooled with 2-mm Connectors (reaffirmation of ANSI/IEEE 1301.1-1992)

Detail standard for subtracks, plug-in units, printed boards, and backplanes to be used in conjunction with Std 1301 and a 2mm connector as defined in EIA IS-64 (1991).

Single copy price: \$76.00 Nonmember, \$61.00 Member

Order from: IEEE, Attn: Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE;
d.ringle@ieee.org

BSR/IEEE 1386, Common Mezzanine Card Family: CMC (new standard)

Provides the parent document for a family of mezzanine cards to be used on single slot VME boards, Multibus boards, desktop computers and other computer applications. Also provides the common mechanical definition and common referenced environmental specification for this family of mezzanine cards.

Single copy price: \$49.00 Nonmember, \$39.00 Member

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

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

BSR/IEEE 1386.1, Physical and Environmental Layers for PCI Mezzanine Cards: PMC (new standard)

Defines a family of high speed low profile modular mezzanine cards for VME, Multibus, desktop computers and other computer systems with the logical and electrical layers based on PCI Special Interest Group's PCI Specification, Rev 2.1. The Common Mezzanine Card Family (1386) standard will be referenced for the mechanical layer. The environmental layer is defined within the standard.

Single copy price: \$46.00 Nonmember, \$37.00 Member

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

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

BSR/NCPDP MR V3.01, Manufacturer Rebate Utilization, Plan, Formulary, and Market Basket Standard Format Version 3.01 (revision and redesignation of ANSI/NCPDP MR V2.01-2000)

Supports submission of Product Utilization transactions, Plan and Sub-Plan hierarchical structures, Formulary definitions, and Market Basket definitions from Pharmacy Management Organizations (PMOs) to Pharmaceutical Industry Contracting Organizations (PICOs) in support of the rebate process. The NCPDP Manufacturer Rebate Utilization, Plan, Formulary, and Market Basket Flat File Standard provides a standardized format for the electronic submission of rebate information from Pharmacy Management Organizations (PMOs) to Pharmaceutical Industry Contracting Organizations (PICOs). The four (4) file formats are intended to be used in an integrated manner, with the utilization file being supported by the plan, formulary, and market basket files. However, any of the four (4) files may be used independently. The NCPDP Manufacturer Rebate Utilization, Plan, Formulary, and Market Basket Standard Flat File layouts provide detailed information on the file design and requirements for each of the four (4) files.

Single copy price: \$250.00 per set of standards. NCPDP membership includes a copy of all standards

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- BSR/NCPDP SC V4.2-2001, Prescriber/Pharmacist Interface SCRIPT Version 4.2 (revision and redesignation of ANSI/NCPDP Version 1.3-1999)

Provides general guidelines for developers of pharmacy or physician management systems who wish to provide prescription transmission functionality to their clients. The standard addresses the electronic transmission of new prescriptions, prescription refill requests, prescription fill status notifications, and cancellation notifications.

Single copy price: \$250.00 per set of standards. NCPDP membership includes a copy of all standards

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Send comments (with copy to BSR) to: Lynne Gilbertson, NCPDP; lgilbertson@ncpdp.org

MEDICAL MATERIEL

- BSR/AAMI/ISO 13488, Quality Management Systems - Medical Devices - System Requirements for Regulatory Purposes for Manufacturing, Inspection and Testing, and Distribution Organizations (revision of ANSI/AAMI/ISO 13488-1996)

Specifies requirements and gives guidance on the procedures to be followed in the preparation of samples and the selection of reference materials for medical devices testing in biological systems. This 2nd edition is currently under development in ISO, using parallel adoption.

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

Order from: AAMI, Attn: Customer Service

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

- BSR/AAMI/ISO 14155-2, Clinical investigation of medical devices for human subjects - Part 2: Clinical investigation plans (new standard)

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

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

Order from: AAMI, Attn: Customer Service

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

METRIC PRACTICE

BSR/IEEE 1301.2-1993, Implementation of a Metric Equipment Practice (IEEE 1301) (reaffirmation of ANSI/IEEE 1301.2-1993)

Gives guidance in the implementation of the generic standard, 1301, and the connector-related standards.

Single copy price: \$69.00 Nonmember, \$55.00 Member

Order from: IEEE, Attn: Customer Service 1-800-678-4333

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

NUCLEAR MATERIALS

- BSR N14.30-1992, Nuclear Materials - Semi-Trailers Employed in the Highway Transport of Weight-Concentrated Radioactive Loads - Design, Fabrication, and Maintenance (reaffirmation of ANSI N14.30-1992)

Presents guidance and performance criteria for the safe highway truck transport of weight-concentrated radioactive loads. The standard provides detailed procedures for inservice inspections, testing, and quality assurance of these semi-trailer configurations (excluding the tractor).

Single copy price: Free

Order from: John Arendt, INMM (ASC N14); jwarendt@aol.com

Send comments (with copy to BSR) to: Same

PLASTICS

BSR/ASME RTP-1-1a, Reinforced Thermoset Plastic Corrosion Resistant Equipment (revision of ANSI/ASME RTP-1-2000)

Sets forth design formulas and rules for use with contact molded and filament wound RTP materials for fabrication of corrosion resistant vessels.

Single copy price: \$10.00

Order from: Silvana Rodriguez-Bhatti, ASME;

rodriguez@asme.org

Send comments (with copy to BSR) to: Alan Roby, ASME;

PLUMBING

BSR/ASME A112.18.3M, Performance Requirements for Backflow Protection Devices and Systems in Plumbing Fixture Fittings (revision of ANSI/ASME A112.18.3M-1996)

Establishes performance requirements and statistically and evaluation methods including durability of safe, efficient, and reliable backflow protection devices and systems for plumbing fixture fittings. This Standard establishes performance requirements and statistically and evaluation methods including durability of safe, efficient, and reliable backflow protection devices and systems for plumbing fixture fittings. This standard was listed for public review in the 1/12/2001 issue of *Standards Action*.

Single copy price: \$10.00

Order from: Silvana Rodriguez-Bhatti, ASME;

rodriguez@asme.org

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

POWER SYSTEMS

BSR/IEEE 242, IEEE recommended practice for protection and coordination of industrial and commercial power systems (revision of ANSI/IEEE 242-1986 (R1991))

Covers the proper selection, application, and coordination of the components that constitute system protection for industrial plants and commercial buildings.

Single copy price: N/A

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

BSR/IEEE 505-1977 (R1996), Nomenclature for Generating Station Electric Power Systems (reaffirmation of ANSI/IEEE 505-1977 (R1996))

Applies to electric power systems in stationary generating stations that provide electric power to the power system. Nomenclature is included for the following interrelated systems: a) Generating unit power system, b) Generating unit auxiliaries power system, c) Station auxiliaries power system, d) Generating unit dc auxiliaries power system, e) Station dc auxiliaries power system.

Single copy price: \$48.00 Nonmember, \$38.00 Member

Order from: IEEE, Attn: Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE;
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BSR/IEEE C57.16-1996, Standard Requirements, Terminology and Test Code for Dry-Type Air-Core Series Connected Reactors (reaffirmation of ANSI/IEEE C57.16-1996)

Applies to series-connected dry-type air-core single-phase and three-phase outdoor or indoor reactors of distribution and transmission voltage class that are connected in the power system to control power flow under steady-state conditions and/or limit fault current under short-circuit conditions.

Single copy price: \$68.00 Nonmember, \$54.00 Member

Order from: IEEE, Attn: Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE;
d.ringle@ieee.org

BSR/NECA 200, Recommended Practice for Installing and Maintaining Temporary Electric Power at Construction Sites (new standard)

Describes installation procedures for temporary power at construction sites operating at voltages of 600 volts or less. It covers the planning, installation, expansion, maintenance, cutover, and removal of the temporary power system. The objective of this recommended practice is to ensure a safe, adequate, functional, and reliable temporary power distribution system for all trades on site. This standard was listed for public review in the 5/4/2001 issue of *Standards Action*. It is being resubmitted due to substantive changes to the text.

Single copy price: \$25.00

Order from: Nancy Sipe, NECA; orderdesk@necanet.org
Send comments (with copy to BSR) to: Antoinette Valentin,
NECA; abv@necanet.org

SWITCHGEAR

BSR/IEEE C37.100-1992, Definitions for Power Switchgear (reaffirmation of ANSI/IEEE C37.100-1992)

Presents terms and definitions intended to encompass the products within the scope of the C37 project and include power switchgear for switching, interrupting, metering, protection, and regulating purposes as used primarily in connection with generation, transmission, distribution, and conversion of electric power.

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TELECOMMUNICATIONS

BSR/IEEE 802.1w, Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Common Specifications - Part 3: Media Access Control (MAC) Bridges: Amendment 2 - Rapid Reconfiguration (supplement to ANSI/IEEE 802.1d-1998)

Presents a specification of enhancements to the auto-configuring mechanisms and management controls in 802.1D that constrain user data frames to all or part of a loop free topology. Where redundant alternate bridges and/or connecting LANs are available, these enhancements will provide faster reconfiguration and restoration of the MAC service if the LAN component failure occurs.

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Supports the format for electronic communication of pharmacy service-related billing, prior authorization processing, and information reporting between pharmacies and other responsible parties. This standard addresses the data format and content and other appropriate telecommunication requirements.

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BSR/ASME B133.8-1977, Installation Sound Emission, Gas Turbine (reaffirmation of ANSI/ASME B133.8-1977 (R1996))

Gives methods and procedures for specifying the sound emissions of gas turbine installations for installations for industrial, pipeline, and utility applications. Included are practices for making field sound measurements and for reporting field data. This standard can be used by users and manufacturers to write specifications for procurement, and to determine compliance with specification after installation. Information is included, for guidance, to determine expected community reaction to noise.
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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.

AGRICULTURAL EQUIPMENT

ANSI/ASAE S448.1-JUL01, Thin-Layer Drying of Agricultural Crops (new standard): 7/2/2001

DATA PRESENTATION

ANSI S2.24-2001, Graphical Presentation of the Complex Modulus of Viscoelastic Materials (new standard): 7/3/2001

ENVIRONMENTAL MANAGEMENT SYSTEMS

- ANSI Z490.1-2001, Accepted Practices for Safety, Health, and Environmental Training (new standard): 7/2/2001

FIBER OPTICS

ANSI/TIA/EIA 455-181-1992 (R2001), Lightning Damage Susceptibility Test for Optic Cables with Metallic Components (reaffirmation of ANSI/EIA/TIA 455-181-1992): 7/3/2001

FIRE TESTS

- ANSI/UL 10B-2001, Standard for Safety for Fire Tests of Door Assemblies (new standard): 6/27/2001
- ANSI/UL 10C-2001, Standard for Safety for Positive Pressure Fire Tests of Door Assemblies (new standard): 6/27/2001

FITTINGS, FLANGES, AND VALVES

ANSI/AWWA C219-01, Bolted, Sleeve-Type Couplings for Plain-End Pipe (revision of ANSI/AWWA C219-97): 7/3/2001

ANSI/AWWA C509-01, Resilient-Seated Gate Valves for Water Supply Service (revision of ANSI/AWWA C509-94): 7/3/2001

ANSI/AWWA C800-01, Underground Service Line Valves and Fittings (revision of ANSI/AWWA C800-89): 7/3/2001

ANSI/ISA S75.08.03-2001, Face-to-Face Dimensions for Socket Weld-End and Screwed-End Globe-Style Control Valves (Classes 150, 300, 600, 900, 1500, and 2500) (revision and redesignation of ANSI/ISA S75.12-1993): 7/2/2001

ANSI/ISA S75.08.04-2001, Face-to-Face Dimensions for Butt-weld-End Globe-Style Control Valves (Class 4500) (revision and redesignation of ANSI/ISA S75.14-1995): 7/2/2001

ANSI/ISA S75.08.07-2001, Face-to-Face Dimensions for Separable Flanged Globe-Style Control Valves (Classes 150, 300, and 600) (new standard): 7/2/2001

ANSI/ISA S75.19.01-2001, Hydrostatic Testing of Control Valves (revision and redesignation of ANSI/ISA S75.19-1995): 7/2/2001

FLOORS AND FLOORING

- ★ ANSI/NALFA/LF 01-2001, Laminate Flooring, Specifications and Test Methods (new standard): 7/3/2001

HARDWARE

- ★ ANSI/BHMA A156.3-2001, Exit Devices (revision of ANSI/BHMA A156.3-1994): 7/2/2001

MANLIFTS

- ANSI/ASME A120.1-2001, Safety Requirements for Powered Platforms for Building Maintenance (revision of ANSI/ASME A120.1-1996): 7/3/2001

PIPE, STEEL

ANSI/AWWA C221-01, Fabricated Steel Mechanical Slip-Type Expansion Joints (revision of ANSI/AWWA C221-97): 7/3/2001

PIPING AND PIPING SYSTEMS

ANSI/ASME B31.1-2001, Power Piping (revision of ANSI/ASME B31.1-1998): 7/2/2001

TELECOMMUNICATIONS

ANSI T1.102.01-1996 (R2001), Telecommunications - Digital Hierarchy - VT1.5 Electrical Interface (reaffirmation of ANSI T1.102.01-1996): 7/2/2001

ANSI T1.105.04-1995 (R2001), Telecommunications - Synchronous Optical Network (SONET) - Data Communication Channel Protocols and Architectures (reaffirmation of ANSI T1.105.04-1995): 7/2/2001

ANSI T1.105.07-1996 (R2001), Telecommunications - Synchronous Optical Network (SONET) - Sub STS-1 Interface Rates and Formats Specification (reaffirmation of ANSI T1.105.07-1996): 7/2/2001

ANSI T1.119-1994 (R2001), Telecommunications - Synchronous Optical Network (SONET) - Operations, Administration, Maintenance, and Provisioning (OAM&P) Communications (reaffirmation of ANSI T1.119-1994): 7/2/2001

ANSI T1.119.01-1995 (R2001), Telecommunications - Synchronous Optical Network (SONET) - Operations, Administration, Maintenance, and Provisioning (OAM&P) Communications - Protection Switching Fragment (reaffirmation of ANSI T1.119.01-1995): 7/2/2001

ANSI T1.328-2001, Telecommunications - Protection of Telecommunications Links from Physical Stress and Radiation Effects and Associated Requirements for DC Power Systems (A Baseline Standard) (revision of ANSI T1.328-1995): 7/2/2001

ANSI/TIA/EIA 93-B-2001, Wireless Telecommunications: Ai-Di Interfaces (revision and redesignation of ANSI/TIA/EIA 93-A-1998): 7/3/2001

WELDING AND CUTTING

ANSI/AWS A3.0-2001, Standard Welding Terms and Definitions, Including Terms for Adhesive Bonding, Brazing, Soldering, Thermal Spraying, and Thermal Cutting (revision of ANSI/AWS A3.0-94): 7/2/2001

- ANSI/AWS F2.2-2001, Lens Shade Selector (revision of ANSI/AWS F2.2-97): 7/3/2001

WIRE AND CABLE, ELECTRIC

ANSI/ICEA S-70-547-2000, Weather Resistant Polyethylene Covered Conductors (revision of ANSI/ICEA S-70-547-1992): 7/2/2001

ASTM Standards

HEALTH INFORMATICS

ANSI/ASTM E1715-01, Practice for an Object-Oriented Model for Registration, Admitting, Discharge, and Transfer (RADT) Functions in Computer-Based Patient Record Systems (revision of ANSI/ASTM E1715-99): 7/3/2001

ANSI/ASTM E2145-01, Practice for Modeling in Health Informatics (new standard): 7/3/2001

INFORMATION SYSTEMS - DATA PROCESSING

ANSI/ASTM E1639-01, Functional Requirements of Clinical Laboratory Information Management Systems, Guide (revision of ANSI/ASTM E1639-97): 7/3/2001

MEASUREMENT AND CALIBRATION

ANSI/ASTM F649-01, Practice for Secondary Calibration of Airborne Particle Counter Using Comparison Procedures (revision of ANSI/ASTM F649-99): 7/3/2001

SCREENS

ANSI/ASTM E454-96 (R01), Specification for Industrial Perforated Plate and Screens (Square Opening Series) (reaffirmation of ANSI/ASTM E454-1996): 7/3/2001

ANSI/ASTM E674-96 (R01), Specification for Industrial Perforated Plate and Screens (Round Opening Series) (reaffirmation of ANSI/ASTM E674-1996): 7/3/2001

TESTING

ANSI/ASTM E11-01, Specification for Wire-Cloth Sieves for Testing Purposes (revision of ANSI/ASTM E11-95): 7/3/2001
ANSI/ASTM E323-96 (R01), Specification for Perforated-Plate Sieves for Testing Purposes (reaffirmation of ANSI/ASTM E323-1996): 7/3/2001

THERMOELECTRIC MATERIALS

ANSI/ASTM B76-01, Test Method for Accelerated Life of Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating (new standard): 7/3/2001



ISO Draft International Standards

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

Comments

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

Ordering Instructions

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

ISO Draft Standards

ACOUSTICS (TC 43)

ISO/DIS 226, Acoustics - Normal equal-loudness level contours - 10/13/2001, \$88.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 14624-1, Space systems - Test methods for the flammability of materials - Part 1: General test method for the determination of upward flame propagation - 10/6/2001, \$58.00

ISO/DIS 14624-2, Space systems - Test methods for the flammability of materials - Part 2: Determination of electrical wire circulation and accessory flammability - 10/6/2001, \$62.00

ISO/DIS 14624-4, Space systems - Test methods for the flammability of materials - Part 4: Determination of upward flame propagation in gaseous oxygen and oxygen-enriched environments - 10/6/2001, \$42.00

BANKING AND RELATED FINANCIAL SERVICES (TC 68)

ISO/DIS 21352, Biometric information management and security - 10/6/2001, \$136.00

CINEMATOGRAPHY (TC 36)

ISO/DIS 491, Cinematography - 35 mm motion-picture film and magnetic film - Cutting and perforating dimensions - 10/13/2001, \$42.00

CLEANROOMS AND ASSOCIATED CONTROLLED ENVIRONMENTS (TC 209)

ISO/DIS 14644-5, Cleanrooms and associated controlled environments - Part 5: Operations - 10/6/2001, \$120.00

ESSENTIAL OILS (TC 54)

ISO/DIS 3475, Oil of aniseed (*Pimpinella anisum* L.) - 10/20/2001, \$68.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 16602, Clothing for protection against chemicals - Classification, labelling and performance requirements - 10/13/2001, \$84.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 4656, Rubber compounding ingredients - Carbon black - Determination of dibutyl phthalate absorption number for loose and compressed samples - 10/13/2001, \$84.00

ISO/DIS 5893, Rubber and plastics test equipment - Tensile, flexural and compression types (constant rate of traverse) - Specification - 10/6/2001, \$38.00

SMALL CRAFT (TC 188)

ISO/DIS 15083, Small craft - Bilge pumping system - 10/13/2001, \$68.00

TEXTILES (TC 38)

ISO 105-E12/DAmD1, - 10/6/2001, \$35.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 8084, Machinery for forestry - Operator protective structures - Laboratory tests and performance requirements - 10/20/2001, \$50.00

WATER QUALITY (TC 147)

ISO/DIS 10705-3, Water quality - Detection and enumeration of bacteriophages - Part 3: Validation of methods for concentration of bacteriophages from water - 10/13/2001, \$50.00

ISO/DIS 15680, Water quality - Determination of certain monocyclic aromatic hydrocarbons, naphthalene and chlorinated compounds - Gas-chromatographic method using purge and trap and thermal desorption - 10/6/2001, \$112.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 9018, Destructive tests on welds in metallic materials - Tensile test on cruciform and lapped joints - 10/13/2001, \$42.00

ISO/IEC JTC 1, Information Technology

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

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



Newly published ISO Standards

Listed here are new and revised standards recently approved and promulgated by ISO – the International Organization for Standardization. Some are available at the ANSI Electronic Standards Store (ESS) at www.ansi.org. All paper copies are available from Global Engineering Documents. (Please note that the prices listed are for the ESS only.)

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 6785:2001, Milk and milk products - Detection of *Salmonella* spp., \$62.00

ISO 8261:2001, Milk and milk products - General guidance for the preparation of test samples, initial suspensions and decimal dilutions for microbiological examination, \$42.00

AIR QUALITY (TC 146)

ISO 12039:2001, Stationary source emissions - Determination of carbon monoxide, carbon dioxide and oxygen - Performance characteristics and calibration of automated measuring systems, \$54.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 17433:2001, Space data and information transfer systems - Packet telemetry services, \$112.00

ANALYSIS OF GASES (TC 158)

ISO 6145-2:2001, Gas analysis - Preparation of calibration gas mixtures using dynamic volumetric methods - Part 2: Volumetric pumps, \$35.00

CHAINS AND CHAIN WHEELS FOR POWER TRANSMISSION AND CONVEYORS (TC 100)

ISO 9633:2001, Cycle chains - Characteristics and test methods, \$46.00

COMPRESSORS, PNEUMATIC TOOLS AND PNEUMATIC MACHINES (TC 118)

ISO 8573-4:2001, Compressed air - Part 4: Test methods for solid particle content, \$46.00

ERGONOMICS (TC 159)

ISO 12894:2001, Ergonomics of the thermal environment - Medical supervision of individuals exposed to extreme hot or cold environments, \$75.00

FLUID POWER SYSTEMS (TC 131)

ISO 3019-2:2001, Hydraulic fluid power - Dimensions and identification code for mounting flanges and shaft ends of displacement pumps and motors - Part 2: Metric series, \$58.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO/TR 19120:2001, Geographic information - Functional standards, \$75.00

GRAPHIC TECHNOLOGY (TC 130)

ISO 12637-5:2001, Graphic technology - Multilingual terminology of printing arts - Part 5: Screen printing terms, \$42.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO 10303-210:2001, Industrial automation systems and integration - Product data representation and exchange - Part 210: Application protocol: Electronic assembly, interconnection, and packaging design, \$255.00

INDUSTRIAL FANS (TC 117)

ISO 5802:2001, Industrial fans - Performance testing in situ, \$120.00

MACHINE TOOLS (TC 39)

ISO 1984-1:2001, Test conditions for manually controlled milling machines with table of fixed height - Testing of the accuracy - Part 1: Machines with horizontal spindle, \$62.00

ISO 1984-2:2001, Test conditions for manually controlled milling machines with table of fixed height - Testing of the accuracy - Part 2: Machines with vertical spindle, \$54.00

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

ISO 15649:2001, Petroleum and natural gas industries - Piping, \$50.00

ISO 18165:2001, Petroleum and natural gas industries - Performance testing of cementing float equipment, \$42.00

MEASUREMENT OF FLUID FLOW IN CLOSED CONDUITS (TC 30)

ISO 4064-2:2001, Measurement of water flow in closed conduits - Meters for cold potable water - Part 2: Installation requirements and selection, \$35.00

MEDICAL DEVICES FOR INJECTIONS (TC 84)

ISO 9626/Amd1:2001, Amendment 1, \$10.00

NATURAL GAS (TC 193)

ISO 6570:2001, Natural gas - Determination of potential hydrocarbon liquid content - Gravimetric methods, \$62.00

NON-DESTRUCTIVE TESTING (TC 135)

ISO 12716:2001, Non-destructive testing - Acoustic emission inspection - Vocabulary, \$38.00

NUCLEAR ENERGY (TC 85)

ISO 11929-4:2001, Determination of the detection limit and decision threshold for ionizing radiation measurements - Part 4: Fundamentals and application to measurements by use of linear-scale analogue ratemeters, without the influence of sample treatment, \$38.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 10109-7:2001, Optics and optical instruments - Environmental requirements - Part 7: Test requirements for optical measuring instruments, \$35.00

ISO 11807-2:2001, Integrated optics - Vocabulary - Part 2: Terms used in classification, \$38.00

ISO 14881:2001, Integrated optics - Interfaces - Parameters relevant to coupling properties, \$30.00

ISO 15798:2001, Ophthalmic implants - Ophthalmic viscosurgical devices, \$58.00

ISO 16284:2001, Ophthalmic optics - Information interchange for ophthalmic optical equipment, \$105.00

PLASTICS (TC 61)

- ISO 1268-5:2001, Fibre-reinforced plastics - Methods of producing test plates - Part 5: Filament winding, \$38.00
- ISO 1628-3:2001, Plastics - Determination of the viscosity of polymers in dilute solution using capillary viscometers - Part 3: Polyethylenes and polypropylenes, \$30.00
- ISO 1922:2001, Rigid cellular plastics - Determination of shear strength, \$30.00
- ISO 2896:2001, Rigid cellular plastics - Determination of water absorption, \$42.00
- ISO 10350-2:2001, Plastics - Acquisition and presentation of comparable single-point data - Part 2: Long-fibre-reinforced plastics, \$35.00

QUALITY MANAGEMENT AND QUALITY ASSURANCE (TC 176)

- ISO/TR 10013:2001, Guidelines for quality management system documentation, \$46.00

ROAD VEHICLES (TC 22)

- ISO 8715:2001, Electric road vehicles - Road operating characteristics, \$54.00
- ISO 9259/Amd1:2001, Amendment 1, \$10.00
- ISO 11748-1:2001, Road vehicles - Technical documentation of electrical and electronic systems - Part 1: Content of exchanged documents, \$30.00
- ISO 11748-2:2001, Road vehicles - Technical documentation of electrical and electronic systems - Part 2: Documentation agreement, \$30.00
- ISO 15501-2:2001, Road vehicles - Compressed natural gas (CNG) fuel systems - Part 2: Test methods, \$35.00

RUBBER AND RUBBER PRODUCTS (TC 45)

- ISO 3302-1/Amd1:2001, Classification system for flash, \$10.00

SAFETY OF MACHINERY (TC 199)

- ISO 14122-1:2001, Safety of machinery - Permanent means of access to machinery - Part 1: Choice of fixed means of access between two levels, \$38.00
- ISO 14122-2:2001, Safety of machinery - Permanent means of access to machinery - Part 2: Working platforms and walkways, \$35.00
- ISO 14122-3:2001, Safety of machinery - Permanent means of access to machinery - Part 3: Stairs, stepladders and guardrails, \$46.00

STEEL (TC 17)

- ISO 11970:2001, Specification and approval of welding procedures for production welding of steel castings, \$50.00

SURFACE CHEMICAL ANALYSIS (TC 201)

- ISO 18115:2001, Surface chemical analysis - Vocabulary, \$98.00

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

- ISO 128-40:2001, Technical drawings - General principles of presentation - Part 40: Basic conventions for cuts and sections, \$30.00

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

- ISO 7176-2:2001, Wheelchairs - Part 2: Determination of dynamic stability of electric wheelchairs, \$50.00

THERMAL INSULATION (TC 163)

- ISO 12572:2001, Hygrothermal performance of building materials and products - Determination of water vapour transmission properties, \$72.00
- ISO 13788:2001, Hygrothermal performance of building components and building elements - Internal surface temperature to avoid critical surface humidity and interstitial condensation - Calculation methods, \$75.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

- ISO 20019:2001, Agricultural vehicles - Mechanical connections on towed vehicles - Dimensions for hitch rings, \$30.00

TRANSFUSION, INFUSION AND INJECTION EQUIPMENT FOR MEDICAL USE (TC 76)

- ISO 8536-2:2001, Infusion equipment for medical use - Part 2: Closures for infusion bottles, \$38.00

WATER QUALITY (TC 147)

- ISO 15061:2001, Water quality - Determination of dissolved bromate - Method by liquid chromatography of ions, \$62.00

ISO/IEC JTC 1, Information Technology

- ISO/IEC 9075-9:2001, Information technology - Database languages - SQL - Part 9: Management of External Data (SQL/MED), \$218.00
- ISO/IEC 9126-1:2001, Software engineering - Product quality - Part 1: Quality model, \$68.00
- ISO/IEC 14443-2:2001, Identification cards - Contactless integrated circuit(s) cards - Proximity cards - Part 2: Radio frequency power and signal interface, \$42.00
- ISO/IEC 14598-6:2001, Software engineering - Product evaluation - Part 6: Documentation of evaluation modules, \$75.00
- ISO/IEC 20563:2001, Information technology - 80 mm (1,23 Gbytes per side) and 120 mm (3,95 Gbytes per side) DVD-recordable disk (DVD-R), \$128.00

ISO/IEC JTC 1 Technical Reports

- ISO/IEC TR 10176:2001, Information technology - Guidelines for the preparation of programming language standards, \$80.00
- ISO/IEC TR 14475:2001, Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network - Architecture and scenarios for Private Integrated Services Networking, \$75.00
- ISO/IEC TR 15580:2001, Information technology - Programming languages - Fortran - Floating-point exception handling, \$72.00
- ISO/IEC TR 15581:2001, Information technology - Programming languages - Fortran - Enhanced data type facilities, \$46.00

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.

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CEN

European drafts sent for CEN enquiry

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

ACOUSTICS

prEN ISO 7235 REVIEW, Acoustics - Laboratory measurement procedures for ducted silencers and air-terminal units - Insertion loss, flow noise and total pressure loss (ISO/DIS 7235:2001) - October 21, 2001, \$28.00

ANIMAL FEED

prEN ISO 4833, Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of microorganisms - Colony-count technique at 30 degrees C (ISO/DIS 4833:2001) - October 21, 2001, \$28.00

prEN ISO 6888-3, Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coagulase-positive staphylococci (*Staphylococcus aureus* and other species) - Part 3: Detection and MPN technique for low numbers (ISO/DIS 6888-3:2001) - October 21, 2001, \$28.00

CRYOGENICS

prEN 14197-1, Cryogenic vessels - Static non-vacuum insulated vessels - Part 1: Fundamental requirements - November 21, 2001, \$48.00

prEN 14197-2, Cryogenic vessels - Static non-vacuum insulated vessels - Part 2: - Design, fabrication, inspection and testing - November 21, 2001, \$160.00

prEN 14197-3, Cryogenic vessels - Static non-vacuum insulated vessels - Part 3: Operational requirements - November 21, 2001, \$68.00

GEOSYNTHETICS

prEN 14196, Geosynthetics - Test methods for measuring mass per unit area of clay geosynthetic barriers - November 21, 2001, \$36.00

GEOTECHNICAL WORKS

prEN 14199, Execution of special geotechnical works - Micropiles - November 21, 2001, \$120.00

HOSING

prEN 1765 REVIEW, Rubber hose assemblies for oil suction and discharge services - Specification for the assemblies - November 21, 2001, \$78.00

IMPLANTS

prEN ISO 14801, Dental implants - Dynamic continuous fatigue test (ISO/DIS 14801:2001) - October 21, 2001, \$28.00

prEN ISO 16054, Implants for surgery - Minimum data sets for surgical implants (ISO 16054:2000) - November 21, 2001, \$28.00

METALS

prEN ISO 3327 REVIEW, Hardmetals - Determination of transverse rupture strength (ISO/DIS 3327:2001) - October 7, 2001, \$28.00

PETROLEUM AND NATURAL GAS

prEN ISO 10422, Petroleum and natural gas industries - Threading, gauging and thread inspection of casing, tubing and line pipe (ISO/DIS 10422:2001) - October 21, 2001, \$28.00

prEN ISO 13625, Petroleum and natural gas industries - Drilling and production equipment - Design, rating, manufacturing and testing of marine drilling riser couplings (ISO/DIS 13625:2001) - October 28, 2001, \$28.00

SEALANTS

- prEN 14187-1, Cold applied joint sealants - Test methods - Part 1: Determination of the rate of cure - November 7, 2001, \$36.00
- prEN 14187-2, Cold applied joint sealants - Test methods - Part 2: Determination of tack free time - November 7, 2001, \$32.00
- prEN 14187-3, Cold applied joint sealants - Test methods - Part 3: Determination of self-levelling properties - November 7, 2001, \$32.00
- prEN 14187-4, Cold applied joint sealants - Test methods - Part 4: Change in mass and volume after immersion in test fuel - November 7, 2001, \$36.00
- prEN 14187-5, Cold applied joint sealants - Test methods - Part 5: Resistance to hydrolysis - November 7, 2001, \$32.00
- prEN 14187-6, Cold applied joint sealants - Test methods - Part 6: Adhesion/cohesion properties after immersion in chemical - November 7, 2001, \$36.00
- prEN 14187-7, Cold applied joint sealants - Test methods - Part 7: Determination of resistance to flame - November 7, 2001, \$32.00
- prEN 14187-8, Cold applied joint sealants - Test methods - Part 8: Artificial weathering by UV-irradiation - November 7, 2001, \$36.00

SLURRY SURFACING

- prEN 12274-7, Slurry surfacing -Test method - Part 7: Shaking abrasion test on suitability of mineral aggregates to slurry mixes - November 14, 2001, \$48.00

VENTILATION

- prEN 12237, Ventilation for buildings - Ductwork - Strength and leakage of circular sheet metal ducts - August 15, 2001, \$36.00

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.

ABRASIVES

- prEN 13743, Safety requirements for coated abrasives

ADHESIVES

- prEN 14173, Structural adhesives - T-peel test for flexible-to-flexible bonded assemblies (ISO 11339:1993 modified)

AGRICULTURE

- prEN 13448, Agricultural and forestry machinery - Inter-row mowing units - Safety

ALUMINUM

- prEN 586-3, Aluminium and aluminium alloys - Forgings - Part 3: Tolerances on dimensions and form

ANIMAL FEED

- prEN ISO 14902, Animal feeding stuffs - Determination of trypsin inhibitor activity of soya products (ISO/FDIS 14902:2001)

BIOTECHNOLOGY

- prEN 13441, Biotechnology - Laboratories for research, development and analysis - Guidance on containment of genetically modified plants

CHIMNEYS

- prEN 13084-2, Free-standing industrial chimneys - Part 2: Concrete chimneys

CRYOGENICS

- prEN 13371, Cryogenic vessels - Couplings for cryogenic service

CURTAIN WALLING

- prEN 12152, Curtain walling - Air permeability - Performance requirements and classification

FIRE PREVENTION

- prEN 54-10, Fire detection and fire alarm systems - Part 10: Flame detectors - Point detectors

FOODSTUFFS

- prEN 1230-1, Paper and board intended for contact with foodstuffs - Sensory analysis - Part 1: Odour
- prEN 1230-2, Paper and board intended for contact with foodstuffs - Sensory analysis - Part 2: Off-flavour (taint)
- prEN 13585, Foodstuffs - Determination of fumonisins B1 and B2 in maize - HPLC method with solid phase extraction clean-up
- prEN 13585, Foodstuffs - Determination of fumonisins B1 and B2 in maize - HPLC method with solid phase extraction clean-up

FOOTWEAR

- prEN 13511, Footwear - Test methods for uppers - Resistance to damage on lasting
- prEN 13513, Footwear - Test methods for uppers - Deformability
- prEN 13517, Footwear - Test methods for uppers, lining and insoles - Colour migration
- prEN 13571, Footwear - Test methods for uppers, lining and insoles - Tear strength
- prEN 13572, Footwear - Test methods for uppers, lining and insoles - Seam strength

GAS BURNERS

- prEN 161 REVIEW, Automatic shut-off valves for gas burners and gas appliances

GAS CYLINDERS

- prEN 12257, Transportable gas cylinders - Seamless, hoop wrapped composite cylinders

HARDWARE

- prEN 1935, Building hardware - Single-axis hinges - Requirements and tests methods

INDUSTRIAL VALVES

- prEN 13397, Industrial valves - Diaphragm valves made of metallic materials

INFLATABLE BOATS

- prEN ISO 6185-1, Inflatable boats - Part 1: Boats with a maximum motor power rating of 4,5 kW (ISO/FDIS 6185-1:2001)
- prEN ISO 6185-2, Inflatable boats - Part 2: Boats with a maximum motor power rating of 4,5 kW to 15 kW inclusive (ISO/FDIS 6185-2:2001)
- prEN ISO 6185-3, Inflatable boats - Part 3: Boats with a maximum motor power rating of 15 kW and greater (ISO/FDIS 6185-3)

MACHINERY

- prEN 1005-3, Safety of machinery - Human physical performance - Part 3: Recommended force limits for machinery operation
- prEN 1870-7, Safety of woodworking machines - Circular sawing machines - Part 7: Circular log sawing machine with integrated feeding table and manual loading and/or unloading
- prEN 13478, Safety of machinery - Fire prevention and protection

METALS

prEN 13615, Methods for the analysis of ingot tin - Determination of impurity element contents in tin grades 99,90% and 99,85% by atomic spectrometry

NATURAL STONE

prEN 13161, Natural stone test methods - Determination of flexural resistance under constant moment
prEN 13755, Natural stone test methods - Determination of water absorption at atmospheric pressure

NON-DESTRUCTIVE TESTING

prEN 10307, Non-destructive testing - Ultrasonic testing of austenitic and austenitic-ferritic stainless steels flat products of thickness equal to or greater than 6 mm (reflection method)
prEN 10308, Non-destructive testing - Ultrasonic testing of steel bars
prEN13192, Non destructive testing - Leak test - Calibration of gaseous reference leaks
prEN 13625, Non-destructive testing - Leak test - Guide to the selection of leak test instrumentation for the measurement of gas leakage

PETROLEUM AND NATURAL GAS

prEN 12819, Inspection and requalification of LPG tanks greater than 13 m³ overground
prEN 12820, Inspection and requalification of LPG tanks greater than 13 m³ underground
prEN 13012, Petrol filling stations - Specification for the construction and performance of automatic nozzles for use on fuel dispensers
prEN 14163, Petroleum and natural gas industries - Pipeline transportation systems - Welding of pipelines (ISO 13847:2000 modified)
prEN ISO 10427-1, Petroleum and natural gas industries - Casing centralizers - Part 1: Specifications for bow-spring casing centralizers (ISO/FDIS 110427-1:2001)
prEN ISO 11960 REVIEW, Petroleum and natural gas industries - Steel pipes for use as casing or tubing for wells (ISO/FDIS 11960:2001)

PLASTICS

prEN 13655, Plastics - Mulching thermoplastic films for use in agriculture and horticulture

PROTECTIVE EQUIPMENT

prEN 13277-4, Protective equipment for martial arts - Part 4: Additional requirements and test methods for head protectors

SLURRY SURFACING

prEN 12274-3, Slurry surfacing -Test method - Part 3: Consistency
prEN 12274-6, Slurry surfacing -Test method - Part 6: Rate of application

STEEL

prEN 10306, Iron and steel - Ultrasonic testing of H beams with parallel flanges and IPE beams

STEEL WIRE ROPES

prEN 12385-1, Steel wire ropes - Safety - Part 1: General requirements and terms of acceptance
prEN 12385-4, Steel wire ropes - Safety - Part 4: Stranded ropes for general applications
prEN 12385-5, Steel wire ropes - Safety - Part 5: Stranded ropes for lifts
prEN 13411-4, Terminations for steel wire ropes - Safety - Part 4: Metal and resin socketing

TAIL LIFTS

prEN 1756-1, Tail lifts - Platform lifts for mounting on wheeled vehicles - Safety requirements - Part 1: Tail lifts for goods

WASTEWATER TREATMENT

prEN 12255-1, Wastewater treatment plants - Part 1: General construction principles
prEN 12255-4, Wastewater treatment plants - Part 4: Primary settlement
prEN 12255-6, Wastewater treatment plants - Part 6: Activated sludge processes
prEN 12255-7, Wastewater treatment plants - Part 7: Biological fixed-film reactors

WOOD

prEN 321 REVIEW, Wood -based panels - Determination of moisture resistance under cyclic test conditions
prENV 839 REVIEW, Wood preservatives - Determination of the protective effectiveness against wood destroying basidiomycetes - Application my surface treatment
prEN 12512, Timber structures - Test methods - Cyclic testing of joints made with mechanical fasteners
prEN 13271, Timber fasteners - Characteristic load-carrying capacities and slip-moduli for connector joints
prENV 12038, Durability of wood and wood-based products - Wood-based panels - Method of test for determining the resistance against wood-destroying basidiomycetes

Registration of Organization Names in the United States

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

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

PUBLIC REVIEW

BTM

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

CIGNA

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

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

ELI

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

In-Q-Tel, Inc.

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

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

IEEE ITS DATA REGISTRY

Organization: IEEE
445 Hoes Lane
Piscataway, NJ 08854

Contact: Bernard Wilder
PHONE: 732-465-6581 - FAX: 732-562-1571
Email: b.wilder@ieee.org

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

ONVOY

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

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

TITC Korea

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

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

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

Organization of Legal Metrology Activities

United States Participation in the International Organization of Legal Metrology (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 to the National Institute of Standards and Technology (NIST) the U.S. technical representation in the OIML. 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

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:

Review of European Commission's Measuring Instrument Directive

Opportunity to comment and develop a coordinated U.S. position on the European Commission's (EC) Measuring Instrument Directive (MID) is being extended to U.S. affected parties who may be impacted by the proposed European regulation. The MID is a New Approach Directive covering traditional legal metrology instruments, listing essential requirements and conformity assessment options for their entry into the European market. This is an area in which the member states of the European Union, the United States, and many other nations have been defining harmonized requirements issued in International Recommendations within OIML.

The MID contains metrological, technical and influence factor requirements for future European type approval of measuring instruments, and these requirements are already having significant impact on the development and revision of OIML International Documents and Recommendations. The MID general instrument areas are:

- Utility meters - water, gas, electricity, and heat meters
- Liquids other than water - liquefied gases, motor fuels, pipelines, cryogenics
- Taximeters
- Breath analyzers
- Exhaust gas analyzers
- Automatic weighing instruments
- Material measures (length, capacity)
- Dimensional measuring instruments (length, area, and multidimensional)

The review of the metrological, technical and influence factor requirements of the MID should be for necessity for the requirements and their correspondence with the requirements in existing OIML recommendations and U.S regulations. The closing date of the U.S. comment period on the MID is August 3, 2001. For copies of the MID and the U.S. electronic comment table, please contact: Dr. Ambler Thompson, (301-975-2333, ambler@nist.gov).

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)

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

OIML TC/SC ¹	Project	Document Stage ²	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 ₁ , E ₂ , F ₁ , F ₂ , M ₁ , M ₁₋₂ , M ₂ , M ₃ , and M ₃ "	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, rrichter@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:**

Closing Date	OIML TC/SC¹	Project	Document Stage²	NIST Contact
7/15/01	TC 11	Revision R 75 "Heat meters"	DR 2001	Ambler Thompson, 301-975-2333 ambler@nist.gov
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
10/31/01	TC 3/SC 3	Revision D 18 "General principles of the use of certified reference materials in measurements"	DD 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

¹ 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).

² Document Stage Acronyms

DR Draft Recommendation
DD Draft Document
CD Committee Draft
WD Working Draft

Information Concerning

Accredited Standards Committees

Reaccreditation

ASC Z136 - Safe Use of Lasers

Comment Deadline: August 27, 2001

Accredited Standards Committee Z136, Safe Use of Lasers, 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: Ms. Barbara Sams, Standards Administrator, Laser Institute of America, 13501 Ingenuity Drive, Suite 128, Orlando, FL 32826; PHONE: (407) 380-1553 ext. 25; FAX: (407) 380-5588; E-mail: bsams@laserinstitute.org. Please submit your comments to LIA by August 27, 2001, with a copy to the Recording Secretary, ExSC at ANSI's New York Office (FAX: (212) 840-2298; E-mail: 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 Z136 operating procedures from ANSI Online *during the public review period* at the following URL: http://www.ansi.org/public/library/sd_revise/default.htm.

Accredited Organizations

Reaccreditation

American Iron and Steel Institute (AISI)

Comment Deadline: August 27, 2001

The American Iron and Steel Institute (AISI) 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: Ms. Helen Chen, Ph.D., P.E., Senior Engineer, American Iron and Steel Institute; 1101 17th Street, NW, Suite 1300, Washington, DC 20036-4700; PHONE: (202) 452-7100; FAX: (202) 463-6573; E-mail: HChen@steel.org. Please submit your comments to AISI by August 27, 2001, with a copy to the Recording Secretary, ExSC at ANSI's New York Office (FAX: (212) 840-2298; E-mail: 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 AISI operating procedures from ANSI Online *during the public review period* at the following URL: http://www.ansi.org/public/library/sd_revise/default.htm.

Illuminating Engineering Society of North America (IESNA)

Comment Deadline: August 27, 2001

The Illuminating Engineering Society of North America (IESNA) 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: Ms. Rita M. Harrold, Director, Educational and Technical Development, Illuminating Engineering Society of North America, 120 Wall Street, 17th Floor, New York, NY 10005-4001; PHONE: (212) 248-5000 Ext. 115; FAX: (212) 248-5017; E-mail: rharrold@iesna.org. Please submit your comments to IESNA by August 27, 2001, with a copy to the Recording Secretary, ExSC at ANSI's New York Office (FAX: (212)

840-2298; E-mail: 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 IESNA operating procedures from ANSI Online *during the public review period* at the following URL: http://www.ansi.org/public/library/sd_revise/default.htm.

ANSI-RAB National Accreditation Program for Environmental Management Systems

Notice of Accreditation

Registrar

BSI, Inc.

The ANSI-RAB National Accreditation Program for Environmental Management Systems is pleased to announce that the following registrar has been accredited:

BSI, Inc.
Reg Blake
2110 Sunset Hills Road
Suite 140
Reston, VA 20190-3231 USA
PHONE: (703) 464-1908
FAX: (703) 437-9001
E-mail: reg.blake@bsiamericas.com
Website: www.bsi-inc.org

Accredited Sponsors Using the Canvass Method

Initiation of Canvass

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

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

Building Owners and Managers Association
1201 New York Avenue, NW, Suite 300
Washington, DC 20005
(202) 326-6365
(202) 371-0181
Contact: Scott MacIntosh
smacintosh@boma.org

BSR/BOMA Z65.1, Method for Measuring Floor Area in Office Buildings (reaffirmation of ANSI/BOMA Z65.1-1996)

Reaccreditation

ISO TC 110 - Industrial Trucks

Comment Deadline: August 27, 2001

The U.S. Technical Advisory Group to ISO TC 110, Industrial Trucks, 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: Ms. Marcy Weinstock, Director, Safety Codes & Standards, American Society of Mechanical Engineers, Three Park Avenue, 20th Floor, New York, NY 10016; PHONE: (212) 591-8526; FAX: (212) 591-8501; E-mail: weinstockm@asme.org. Please forward your comments to ASME by August 27, 2001, with a copy to the Recording Secretary, ExSC at ANSI's New York Office (E-mail: jthompso@ansi.org; FAX: (212) 840-2298). As these procedures have been provided electronically, the public review period is 30 days. You may view or download a copy of the U.S. TAG's to ISO TC 110 revised procedures *during the public review period* from ANSI Online at the following URL: http://www.ansi.org/public/library/sd_revise/default.htm.

Meeting Notices

ACS Z80 - Ophthalmic Standards

The next meeting of Accredited Standards Committee Z80, Ophthalmic Standards, will be held on August 27 and 28 at the Baltimore Marriott Inner Harbor, 110 South Eutaw Street, Baltimore, MD 21201, (410) 962-0202.

NCSL 174 Writing Committee

On Monday, July 30th, the NCSL 174 Writing Committee (ANSI Accredited Standards Developer) will be having their summer meeting at the Washington, DC Hilton and Towers, Georgetown West Conference Room, 4:15 - 7:00 PM. The meeting is open to the public and is part of the Annual NSCL International Workshop and Symposium.

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.

Acoustical Society of America

Office: 35 Pinelawn Road Suite 114E
Melville, NY 11747
Fax: (631) 390-0217

Contact: Susan Blaeser
E-mail: sblaeser@aip.org

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

BSR S1.17, Microphone Windscreens - Part 1: Measurements and Specification of Insertion Loss in Still or Slightly Moving Air (revision of ANSI S1.17/Part 1-2000)

BSR S12.50, Acoustics - Determination of sound power levels of noise sources - Guidelines for the use of basic standards (new standard)

BSR S12.51, Acoustics - Determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms (new standard)

BSR S12.57, Acoustics - Determination of sound power levels of noise sources using sound pressure - Comparison method in situ (new standard)

BSR S12.63, Acoustics - Measurement of airborne noise emitted by information technology and telecommunications equipment (new standard)

BSR S12.64, Acoustics - Method for the measurement of airborne noise emitted by small air-moving devices (new standard)

Alliance for Telecommunications Industry Solutions

Office: 1200 G Street NW, Suite 500
Washington, DC 20005

Fax: (202) 347-7125

Contact: Susan Carioti

E-mail: scarioti@atis.org

BSR T1.329 (T1Y1-25), Telecommunications - Network Equipment - Earthquake Resistance (revision of ANSI T1.329-1995)

BSR T1E1-41, Project for a Universal Telecommunications Equipment Frameworks (new standard)

ASTM

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428-2959

Fax: (610) 832-9666

Contact: Faith Lanzetta

E-mail: flanzett@astm.org

BSR/ASTM Z8954Z, Test Method for Measuring the Ignition Strength of Cigarettes (new standard)

BSR/ASTM Z9003Z, Test Method for Determination of Lead in Work Place Air Using Flame or Graphite Furnace Atomic Absorption Spectrometry (new standard)

BSR/ASTM Z9005Z, Test Method for Accelerated Light Aging of Printing and Writing Paper by Xenon-Arc Exposure Apparatus (new standard)

BSR/ASTM Z9006Z, Test Method for Accelerated Pollutant Aging of Printing and Writing Paper by Pollution Chamber Exposure Apparatus (new standard)

BSR/ASTM Z9013Z, Specification for Shatter Resistant (Limited Protection) Eyewear for Sports With Potential for Eye Impact (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)

Institute of Electrical and Electronics Engineers (IEEE)

Office: 445 Hoes Lane, P.O.Box 1331
Piscataway, NJ 08855-1331

Fax: (732) 562-1571

Contact: Patricia Gerdon

E-mail: p.gerdon@ieee.org

BSR C136.14, Roadway Lighting Equipment - Enclosed Side-Mounted Luminaires for Horizontal-Burning High-Intensity-Discharge Lamps (new standard)

Institute of Industrial Engineers

Office: 25 Technology Park
Norcross, GA 30092

Fax: (770) 263-8532

Contact: Heather Sutton

E-mail: hsutton@iienet.org

BSR Z94.1, Human Systems (revision, redesignation and consolidation of ANSI Z94.1-1998, ANSI Z94.2-1998, ANSI Z94.9-1998, ANSI Z94.13-1998, ANSI Z94.17-1998)
BSR Z94.2-1998, Management Systems (revision, redesignation and consolidation of ANSI Z94.2-1998, ANSI Z94.4-1998, ANSI Z94.6-1998, ANSI Z94.10-1998, ANSI Z94.15-1998)
BSR Z94.3, Enterprise Systems (Production & Service Systems) (revision, redesignation and consolidation of ANSI Z94.3-1998, ANSI Z94.5-1998, ANSI Z94.11-1998, ANSI Z94.14-1998, ANSI Z94.16-1998)
BSR Z94.4, Processes (revision, redesignation and consolidation of ANSI Z94.4-1998, ANSI Z94.12-1998)
BSR Z94.5-1998, Modeling & Analysis (revision, redesignation and consolidation of ANSI Z94.5-1998, ANSI Z94.1-1998, ANSI Z94.4-1998, ANSI Z94.7-1998, ANSI Z94.8-1998)

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 PN-1523, Information Technology - Common Industry Format for Usability Test Reports (new standard)

Telecommunications Industry Association

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

Fax: (703) 907-7727

Contact: Billie Zidek-Conner

E-mail: bzidekco@tia.eia.org

BSR/TIA/EIA PN-300030, CDMA Tandem Free Operation (new standard)

BSR/TIA/EIA SP-4027-711, TDMA Third Generation Wireless GSM Hosted SMS Teleservice (GHOST) (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 1237, Standard for Safety for Commercial Compactors and Balers (new standard)

American National Standards Maintained Under Continuous Maintenance

The *ANSI Procedures for the Development and Coordination of American National Standards* (ANSI Procedures) provide two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.4.1) and continuous maintenance (see clause 4.4.2). Continuous maintenance is defined as follows:

The standard shall be maintained by an accredited standards developer. A documented program for periodic publication of revisions shall be established by the standards developer. Processing of these revisions shall be in accordance with these procedures. The published standard shall include a clear statement of the intent to consider requests for change and information on the submittal of such requests. Procedures shall be established for timely, documented consensus action on each request for change and no portion of the standard shall be excluded from the revision process. In the event that no revisions are issued for a period of four years, action to reaffirm or withdraw the standard shall be taken in accordance with 4.4.1 and 4.4.3.

The Executive Standards Council (ExSC) has determined that for standards maintained under the Continuous Maintenance option, separate PINS announcements are not required. The following ANSI Accredited Standards Developers have formally registered standards under the Continuous Maintenance option.

- AAMVA
- ASC B109 (AGA)
- ASHRAE
- ASME
- ASTM
- NACE
- NBBPVI
- NSF International
- TIA
- Underwriters Laboratories Inc.

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at www.ansi.org, select STANDARDS INFO, and choose "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at http://web.ansi.org/public/ans_main/default.htm.

Alternatively, you may contact the Procedures & Standards Administration Department (PSA) at psa@ansi.org or via fax at 212-730-1346. If you request that information be provided via E-mail, please include your E-mail address; if you request that information be provided via fax, please include your fax number. Thank you.

BULK RATE
U.S. POSTAGE
PAID
Permit No. 1
Darby, PA

american national standards institute
25 west 43rd street, new york, ny 10036

