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American National Standards

Call for comment on proposals listed

This section solicits your comments on proposed draft new American National Standards, including the national adoption of ISO and IEC standards, and on proposals to revise, reaffirm or withdraw approval of existing American National Standards. A draft standard is listed in this section under the ANSI-accredited standards developer (ASD) that sponsors it and from whom a copy may be obtained. Comments in connection with a draft American National Standard must be submitted in writing to the ASD no later than the last day of the comment period specified herein. Such comments should be specific to the section(s) of the standard under review and include sufficient detail so as to enable the reader to understand the commenter's position, concerns and suggested alternative language, if appropriate.

★ Standard for consumer products

Ordering Instructions for "Call-for-Comment" Listings

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

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

Comment Deadline: September 8, 2002

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)

Revisions

BSR/ASHRAE 118.1-200x, Method of Testing for Rating Commercial Gas, Electric, and Oil Water Heaters (revision of ANSI/ASHRAE 118.1-1993)

The purpose of this standard is to provide test procedures for rating directly heated commercial service water heating equipment. This standard provides test procedures for determining the efficiency and hot water delivery capability.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 783-200x, Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations (revision of ANSI/UL 783-1993)

These requirements cover battery-operated flashlights and lanterns for use in hazardous locations, Class I, Division 1, Groups A, B, C and D; Class I, Division 2, Groups A, B, C, and D; Class II, Division 1, Groups F and G; and Class II, Division 2, Groups F and G in accordance with the National Electrical Code, NFPA 70.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

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

Comment Deadline: September 23, 2002

ARMA (Association of Records Managers and Administrators)

New Standards

BSR/ARMA 5-199x, Vital Records (new standard)

Addresses the development and implementation of a vital records program within the context of a formal records management program. Vital records are defined as records containing information essential to the survival of an organization in the event of a disaster, since they document an organization's legal and financial position and preserve the rights of employees, customers and stockholders.

Single copy price: \$25.00

Obtain an electronic copy from:
www.arma.org/standards/standards_progress.cfm

Order from: Diane Carlisle, ARMA; dcarlisl@arma.org

Send comments (with copy to BSR) to: Use electronic comment capability at URL or send to Diane Carlisle

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)

Revisions

BSR/ASHRAE 124-200x, Method of Testing for Rating Combination Space Heating and Water Heating Appliances (revision of ANSI/ASHRAE 124-1991)

The purpose of this standard is to establish a method of test to rate the performance of a combination space-heating and water-heating appliance. This test method is intended to cover electric, gas-fired or oil-fired combination space heating and water heating appliances. This standard covers appliances up to 300,000 Btuh (87.9 kW) rated input. Single copy price: Free

Obtain an electronic copy from:
www.ashrae.org/STANDARDS/availdft.htm

Order from: Beverly Fulks, ASHRAE; bfulks@ashrae.org

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

ASTM (ASTM International)

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

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

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

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

New Standards

BSR/ASTM E1302-200x, Guide for Acute Animal Toxicity Testing of Water-Miscible Metal Working Fluids (new standard)

Single copy price: \$30.00

BSR/ASTM E1497-200x, Practice for Safe Use of Water-Miscible Metal Removal Fluids (new standard)

Single copy price: \$30.00

BSR/ASTM E1687-200x, Test Method for Determining Carcinogenic Potential of Virgin Base Oils in Metalworking Fluids (new standard)

Single copy price: \$30.00

BSR/ASTM E1972-1998, Practice for Minimizing Effects of Aerosols in Wet Removal Environment (new standard)

Single copy price: \$25.00

BSR/ASTM E2144-200x, Practice for Personal Sampling and Analysis of Endotoxin in Metalworking Fluid Aerosols in Workplace Atmospheres (new standard)

Single copy price: \$25.00

BSR/ASTM E2148-200x, Guide for Using Documents Related to Metal-Working or Metal Removal Fluid Health and Safety (new standard)

Single copy price: \$25.00

BSR/ASTM E2169-200x, Practice for Selecting Antimicrobial Pesticides for Use in Water-Miscible Metalworking Fluids (new standard)

Single copy price: \$30.00

BSR/ASTM Z8945Z-200x, Determination of Endotoxin Concentration in Water-Miscible Metalworking Fluids (new standard)

Single copy price: \$30.00

ITI (INCITS)

New Standards

BSR INCITS 365-200x, Information Technology - SCSI RDMA Protocol (SRP) (new standard)

This standard defines the rules for exchanging information between SCSI devices using an RDMA communication service. Other SCSI transport protocol standards define the rules for exchanging information between SCSI devices using other interconnects.

Single copy price: \$18.00

Obtain an electronic copy from:

http://www.techstreet.com/cgi-bin/joint.cgi/ncits/cgi-bin/detail?product_id=1031124

Order from: Global Engineering Documents

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

New National Adoptions

BSR/ISO 19101-2002, Geographic information - Reference model (new national adoption)

This International Standard defines the framework for standardization in the field of geographic information and sets forth the basic principles by which this standardization takes place. This framework identifies the scope of the standardization activity being undertaken and the context in which it takes place. The framework provides the method by which what is to be standardized can be determined and describes how the contents of the standards are related.

Single copy price: \$80.00

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

Order from: Global Engineering Documents

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

BSR/ISO/IEC 10646-1:2000/AM1:2002, Information technology - Universal Multiple-Octet Coded Character Set (UCS) - Part 1: Architecture and Basic Multilingual Plane - Amendment 1: Mathematical symbols and other characters (new national adoption)

Amendment 1 to ISO/IEC 10646-1: 2000.

Single copy price: \$116.00

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

Order from: Global Engineering Documents

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

BSR/ISO/IEC 13568:2002, Information technology - Z formal specification notation - Syntax, type system and semantics (new national adoption)

The following are within the scope of this International Standard: the syntax of the Z notation; the type system of the Z notation; the semantics of the Z notation; a toolkit of widely used mathematical operators; and LATEX and e-mail mark-up.

Single copy price: \$138.00

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

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

BSR/ISO/IEC 20970:2002, Information technology - Programming languages, their environments and system software interfaces - JEFF file format (new national adoption)

This International Standard's most immediate interest is for deploying portable applications on small footprint devices.

Single copy price: \$80.00

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

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

Revisions

BSR INCITS 284-200x, Information Technology - Identification Cards - Health Care Identification Cards (revision of ANSI INCITS 284-1997)

Specifies directly or by reference the requirements for cards used in health care transactions. It takes into consideration both human and machine aspects and states minimum requirements for conformity. It contains physical characteristics, layouts, data access techniques, data storage techniques, numbering system, registration procedures, but not security requirements. Security measures are at the discretion of the card issuer.

Single copy price: \$18.00

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

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

Reaffirmations

BSR INCITS 21-1967 (R200x), Rectangular Holes in Twelve-Row Punched Cards (reaffirmation of ANSI INCITS 21-1967 (R1997))

Specifies the size and location of rectangular holes in twelve-row 3-1/4 inch wide punched cards. To be a processable document, suitable for information interchange, cards must also meet American National Standard Specifications for General Purpose Paper Cards for Information Processing, ANSI INCITS11-1990.

Single copy price: \$18.00

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

Order from: Global Engineering Documents

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

BSR INCITS 39-1986 (R200x), Recorded Magnetic Tape for Information Interchange (1600 CPI, PE) (reaffirmation of ANSI INCITS 39-1986 (R1997))

Provides specifications for format and recording for a 1/2 inch (12.7-mm), 9-track magnetic tape to be used for information interchange among information processing systems, communication systems, and associated equipment utilizing a code for information interchange that was agreed upon by the interchange parties.

Single copy price: \$18.00

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

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BSR INCITS 48-1986 (R200x), Magnetic Tape Cassette for Information Interchange, 3.81 mm (0.150 in) Tape at 32 bps (800 bpi), PE (includes ANSI X3.48/TC-1-1995) (reaffirmation of ANSI INCITS 48-1986 (R1997))

For unrecorded and recorded cassettes containing 3.81-mm (0.150-in) wide magnetic tape presents the minimum requirements for mechanical and magnetic interchangeability of the cassette and for data interchange between information processing systems, which are capable of utilizing a standard code for information interchange as agreed upon by the interchange parties, using a data density of 32 bps (800 bpi).

Single copy price: \$18.00

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BSR INCITS 54-1986 (R200x), Recorded Magnetic Tape for Information Interchange (6250 CPI, Group Coded Recording) (reaffirmation of ANSI INCITS 54-1986 (R1997))

Provides specifications for a 1/2-inch (12,7 mm), 9-track magnetic tape 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.

Single copy price: \$18.00

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

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

BSR INCITS 55-1992 (R200x), Information Systems - Unrecorded Magnetic Tape Cartridge for Information Interchange - 0.250 Inch (6.30 mm), 1600 bpi (63 bpmm), Phase Encoded (reaffirmation of ANSI INCITS 55-1992 (R1997))

For an unrecorded cartridge containing 0.250-inch (6.30 mm) magnetic tape presents the minimum requirements for the mechanical and magnetic interchangeability of the cartridge between information processing systems, communications systems, and associated equipment using the American National Standard Code for Information Interchange, ANSI INCITS 4-1977 (ASCII).

Single copy price: \$18.00

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BSR INCITS 56-1986 (R200x), Recorded Magnetic Tape Cartridge for Information Interchange (4-Track, 0.250 Inch, 1600 BPI, Phase Encoded) (reaffirmation of ANSI INCITS 56-1986 (R1996))

Provides a format and recording standard for a 0.250-in (6.30-mm) wide 4-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, as agreed upon by the interchange parties. This standard refers solely to recording on the 0.250-in (6.30-mm) magnetic tape cartridge.

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BSR INCITS 61-1986 (R200x), Geographic Point Locations for Information Interchange, Representation of (reaffirmation of ANSI INCITS 61-1986 (R1997))

To establish uniform formats for geographic point location data. It provides a means for representing these data in digital form for the purpose of interchanging information among data systems and for improving clarity and accuracy in interpersonal communications.

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BSR INCITS 73-1980 (R200x), Cartridge, Single-Sided Unformatted Flexible Disk (for 6631 BPR Use) (reaffirmation of ANSI INCITS 73-1980 (R1997))

Specifies the general, physical, and magnetic requirements for interchangeability of the single-sided flexible disk cartridge - for use at 6631 bits per radian (BPR) - as required to achieve unformatted disk cartridge interchange among disk drives and associated information processing systems.

Single copy price: \$18.00

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

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BSR INCITS 96-1983 (R200x), Forms, Paper Sizes for Single-Part Continuous Business (reaffirmation of ANSI INCITS 96-1983 (R1997))

Specifies sizes for single-part continuous business forms for use in handwritten or machine applications, or both. Such forms are continuous lengths of forms that have sprocket feed holes in both the left and right margins. Specifies a common physical format and tolerances for continuous business forms so as to ensure compatibility between such forms and conforming office and data processing print mechanisms. This standard also specifies the diameter and location of sprocket feed holes.

Single copy price: \$18.00

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

BSR INCITS 116-1986 (R200x), Recorded Magnetic Tape Cartridge for Information Interchange 4-Track, Serial 0.250 in (6.30 mm) 6400 BPI (252 BPMM) Inverted Modified Frequency Modulation Encoded (reaffirmation of ANSI INCITS 116-1986 (R1997))

Intended to provide a format and recording standard for a 0.250-inch (6.30-mm) wide, 4-track magnetic tape in a cartridge to be used for information interchange between information processing systems, communications systems, and associated equipment utilizing a standard code for information interchange, as agreed upon by the interchange parties. This standard refers solely to recording on 0.250-inch (6.30-mm) magnetic tape cartridge and complements American National Standard, ANSI INCITS 127.

Single copy price: \$18.00

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BSR INCITS 126-1986 (R200x), One- and Two-Sided Double Density Unformatted 5.25 Inch (130 mm) 96 Tracks per Inch (3.8 Tracks per mm) Flexible Disk Cartridge - General, Physical, and Magnetic Requirements for 7958 BPR Use (reaffirmation of ANSI INCITS 126-1986 (R1997))

Specifies the general, physical, and magnetic requirements for interchangeability of the one- or two-sided, 5.25-inch (130-mm) (nominal), 96-tracks-per-inch (tpi) (3,8-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 80 tracks per side and associated information processing systems.

Single copy price: \$18.00

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BSR INCITS 127-1987 (R200x), Information Systems - Unrecorded Magnetic Tape Cartridge for Information Interchange, 0.250 Inch (6.30 mm), 6400-10 000 ftpi (252-394 ftpmm) (reaffirmation of ANSI INCITS 127-1987 (R1997))

Presents the minimum requirements for an unrecorded cartridge containing 0.250-inch (6.30-mm) wide magnetic tape regarding the mechanical and magnetic interchangeability of the cartridge between information processing systems, using physical recording densities in the range of 6400 to 10 000 flux transitions per inch (ftpi) (252 to 394 flux transitions per millimeter (ftpmm)).

Single copy price: \$18.00

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BSR INCITS 136-1986 (R200x), Serial Recorded Magnetic Tape Cartridge for Information Interchange, Four and Nine Track, 0.250 Inch (6.30 mm), 8000 bpi (315 bpmm), Streaming Mode, Group Code Recording (reaffirmation of ANSI INCITS 136-1986 (R1997))

Provides a format and recording standard for an 8000-bpi (315-bpmm) streaming 0.250-inch (6.3-mm) wide, 4- and 9-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. This standard specifies the requirements for the 4-track and 9-track formats.

Single copy price: \$18.00

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BSR INCITS 145-1986 (R200x), Identification of Hydrologic Units in the United States and the Caribbean Outlying Areas, Codes for (reaffirmation of ANSI INCITS 145-1986 (R1997))

Presents and describes codes used for the identification of hydrologic units in the U.S. and Caribbean outlying areas.

Single copy price: \$18.00

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BSR INCITS 149-1986 (R200x), Financial Transaction Card Formsets - Location of Imprinted Information (reaffirmation of ANSI INCITS 149-1986 (R1997))

Provides the location of the imprinted account number, area for source ID, amount of transaction, and date of transaction as they appear on 51-column and 80-column card size financial transaction card formsets.

Single copy price: \$18.00

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

BSR INCITS 150-1987 (R200x), Business Machines, Data Processing Equipment and Business Forms - Character and Line Spacing (reaffirmation of ANSI INCITS 150-1987 (R1997))

Specifies the most commonly used character line spacings for office machines and data processing equipment.

Single copy price: \$18.00

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BSR INCITS 151-1987 (R200x), Bond Papers and Index Bristols - Common Sheet Sizes (reaffirmation of ANSI INCITS 151-1987 (R1997))

(1) Lists the preferred and common sheet sizes of bond papers and index bristols and their applicable tolerances; (2) cross references to metric sizes, and (3) references a standard test method.

Single copy price: \$18.00

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

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BSR INCITS 152-1987 (R200x), Noncarbonized, Single-Ply, Adding Machine Paper Rolls, Specifications for (reaffirmation of ANSI INCITS 152-1987 (R1997))

Provides the following specifications for adding machine paper rolls: terminology; roll widths; roll length; paper substance and quality, thickness, finish, color, brightness, opacity, tearing and bursting strength; diameter of rolls; winding and cutting, core materials; diameter of core and spindle hole; roll end sealing; and quantity packaging and cartoning.

Single copy price: \$18.00

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BSR INCITS 191-1991 (R200x), Recorded Optical Media Unit for Digital Information Interchange - 130-mm Write-Once Sampled-Servo RZ Selectable-Pitch Optical Disk Cartridge (reaffirmation of ANSI INCITS 191-1991 (R1997))

Specifies the characteristics of a 130-mm optical disk cartridge for the purpose of information interchange between information processing systems and for information storage.

Single copy price: \$18.00

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BSR INCITS 197-1991 (R200x), Information Systems - Unrecorded Magnetic Tape and Cartridge for Information Interchange 1/2 in (12.65 mm), Serial Serpentine, 22-Track, 6667 ftpi (262 ftppm) and 48-Track, 10,000 ftpi (394 ftppm) (reaffirmation of ANSI INCITS 197-1991 (R1996))

Provides the requirements for a tape cartridge to be used for information interchange among information-processing systems, and associated equipment. This standard provides the general requirements, definitions, physical and magnetic tape characteristics, and the tape cartridge requirements.

Single copy price: \$18.00

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

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

BSR INCITS 199-1991 (R200x), Information Systems - 356-mm Optical Disk Cartridge (Write-Once) - Test Methods for Media Characteristics (reaffirmation of ANSI INCITS 199-1991 (R1997))

Specifies test methods for media characteristics of 356-mm nominal diameter optical disk cartridges used for information processing systems and for information storage.

Single copy price: \$18.00

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

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BSR INCITS 200-1992 (R200x), Information Systems - Unrecorded Optical Media Unit for Digital Information Interchange - 356 mm WORM Optical Disk Cartridge - Parts 1 and 2 (reaffirmation of ANSI INCITS 200-1992 (R1997))

Specifies the characteristics of a 356-mm optical disk cartridge for the purpose of information interchange between information processing systems and for information storage.

Single copy price: \$18.00

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

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

BSR INCITS 203-1992 (R200x), Information Systems - Helical-Scan Digital Computer Tape Cartridge for Information Interchange (3.81 mm (0.150 in) Digital Data Storage (DDS) Recorded Format) (reaffirmation of ANSI INCITS 203-1992 (R1997))

Provides the requirements for the helical-scan recording method and the Digital Data Storage (DDS) recorded format of a 3.81-mm (0.150-in) magnetic tape cartridge to be used for information interchange between information processing systems.

Single copy price: \$18.00

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

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

BSR INCITS 204-1992 (R200x), Information Systems - Recorded Magnetic Tape for Information Interchange, 15 and 18 Track, 0.250-inch (6.35-mm) 10 000-bpi (394-bppm) Streaming Mode, Group Code Recording (reaffirmation of ANSI INCITS 204-1992 (R1997))

Provides the requirements for a standard for a streaming 0.250-inch (6.30-mm), wide, 15 & 18 Track, magnetic tape in a cartridge to be used for information interchange between information processing systems, communications systems, and associated equipment utilizing a standard code for information interchange, as agreed upon by the interchange parties. This standard refers solely to recording on magnetic tape.

Single copy price: \$18.00

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Order from: Global Engineering Documents

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

BSR INCITS 205-1992 (R200x), Information Systems - Helical-Scan Digital Computer Tape Cartridge for Information Interchange (3.81-mm (0.150 in)) Data/DAT Recorded Format (reaffirmation of ANSI INCITS 205-1992 (R1997))

Provides the requirements for the Helical-Scan recording method and the DATA/DAT recorded format of a 3.81-mm (0.150-in) magnetic tape cartridge to be used for information interchange between information processing systems.

Single copy price: \$18.00

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

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

BSR INCITS 207-1991 (R200x), Office Machines and Supplies - Alphanumeric Machines - Alternate Keyboard Arrangement (reaffirmation of ANSI INCITS 207-1991 (R1997))

Provides a performance-oriented keyboard arrangement to the keyboard presented in American National Standard for Office Machines and Supplies-Keyboard Arrangement for Alphanumeric Machines, ANSI INCITS154. This standard describes the arrangement of the 48 basic printing keys on the keyboard and the characters, uppercase and lowercase, that appear on the keys.

Single copy price: \$18.00

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

Order from: Global Engineering Documents

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

BSR INCITS 211-1992 (R200x), Information Systems - 130-mm Write-Once Optical Disk Cartridge Using Continuous Servo RLL 2,7 Encoding and LDC (reaffirmation of ANSI INCITS 211-1992 (R1997))

Specifies: definitions of essential concepts; the environment in which the characteristics are to be tested; the environments in which the cartridge is to be operated and stored; the mechanical, physical and dimensional characteristics of the case and of the optical disk; the optical characteristics and the recording characteristics for recording the information once and for reading it many times, so as to provide physical interchangeability between data processing systems.

Single copy price: \$18.00

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

Order from: Global Engineering Documents

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

BSR INCITS 212-1992 (R200x), Information Systems - 130-mm Rewritable Optical Disk Cartridge for Information Interchange (reaffirmation of ANSI INCITS 212-1992 (R1997))

Specifies the characteristics of 130-mm optical disk cartridges (ODC) of the type providing for information to be written, read, and erased many times using the magneto-optical effect.

Single copy price: \$18.00

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

Order from: Global Engineering Documents

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

BSR INCITS 214-1992 (R200x), Information Systems - 130-mm Write-Once Optical Disk Cartridge Using Sampled Servo and 4/15 Encoding (reaffirmation of ANSI INCITS 214-1992 (R1997))

Specifies the characteristics of 130-mm optical disk cartridges (ODC) of the type providing for information to be written once and read many times.

Single copy price: \$18.00

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

Order from: Global Engineering Documents

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

BSR INCITS 220-1992 (R200x), Information Systems - Digital Information Interchange 130-mm Optical Disk Cartridges of the Write-Once, Read Multiple (WORM) Type, Using the Magnetic-Optical Effect (reaffirmation of ANSI INCITS 220-1992 (R1997))

Specifies the characteristics of 130-mm optical disk cartridges (ODC) of the Write Once Multiple (WORM) type, which provides for the disk to be initialized once, and the information to be written once only and read many times using the magneto-optical effect.

Single copy price: \$18.00

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

BSR/ISO 2690-1997 (R200x), Unrecorded Magnetic Tapes for Instrumentation Applications - Physical Properties and Test Methods (reaffirmation of INCITS/ISO 2690-1997)

Specifies the physical properties and test methods for tapes as defined in ISO/R 1859, Unrecorded magnetic tapes for interchange instrumentation applications - General dimensional requirements.

Single copy price: \$18.00

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

Order from: Global Engineering Documents

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

BSR/ISO 4341-1978 (R200x), Magnetic Tape Cassette and Cartridge Labeling and File Structure for Information Interchange (reaffirmation of INCITS/ISO 4341-1978 (R1996))

Specifies file structures for data interchange on magnetic tape cassettes. To provide for the range of sophistication in equipment and applications, the basic, compact, and extended systems are specified. This standard is not limited to the 3,81 mm magnetic tape cassette described in ISO 3407 but could also be applied to higher capacity cassettes or cartridges.

Single copy price: \$18.00

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

BSR/ISO 5654-2-1982 (R200x), Information Processing - Data Interchange on 200 mm (8 in) Flexible Disk Cartridges Using Two-Frequency Pre-Recording at 13 262 ftrpad on One Side - Part 2: Track Format (reaffirmation of INCITS/ISO 5654-2-1982)

Specifies the quality of recorded signals, track layout and the track format to be used on 200 mm (8 in) flexible disk cartridges recorded at 13 262 ftrpad on one side, which is intended for data interchange between data processing systems.

Single copy price: \$18.00

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

Order from: Global Engineering Documents

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

BSR/ISO 6596-2-1985 (R200x), Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges using Two-Frequency Recording at 7 958 ftrpad, 1,9 tpm (48 tpi), on One Side - Part 2: Track Format (reaffirmation of INCITS/ISO 6596-2-1985)

Specifies the magnetic characteristics, the track layout, and a track format to be used on a 130 mm (5.25 in) flexible disk cartridge, recorded at 7 958 ftrpad on one side using two-frequency recording at a track density of 1,9 tracks per millimetre (tpmm) [48 tracks per inch (tpi)], which is intended for data interchange between data processing systems.

Single copy price: \$18.00

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BSR/ISO 7065-2-1985 (R200x), Information Processing - Data Interchange on 200 mm (8 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 13 262 fthead, 1,9 tpm (48 tpi), on Both Sides - Part 2: Track Format (reaffirmation of INCITS/ISO 7065-2-1985)

Specifies the magnetic characteristics, the track layout, and a track format to be used on a 200 mm (8 in) flexible disk cartridge, recorded at 13 262 fthead on both sides using modified frequency modulation recording at a track density of 1,9 tracks per millimetre (tpm) [48 tracks per inch (tpi)] which is intended for data interchange between data processing systems.

Single copy price: \$18.00

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BSR/ISO 7487-2-1985 (R200x), Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 7 958 fthead, 1,9 tpm (48 tpi), on Both Sides - Part 2: Track Format A (reaffirmation of INCITS/ISO 7487-2-1985)

Specifies the quality of recorded signals, the track layout, and a track format to be used on such a flexible disk cartridge, which is intended for data interchange between data processing systems.

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BSR/ISO 7487-3-1986 (R200x), Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 7 958 fthead, 1,9 tpm (48 tpi), on both sides - Part 3: Track Format B (reaffirmation of INCITS/ISO 7487-3-1986)

Defines the quality of recorded signals, the track layout, and a track format (format B) to be used on 130 mm (5.25 in) flexible disk cartridges intended for data interchange between data processing systems. To be used in conformance with ISO 7487 when it meets all requirements of either parts 1 and 2 or parts 1 and 3 of it.

Single copy price: \$18.00

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

BSR/ISO 8378-2-1986 (R200x), Information processing - Data interchange on 130 mm (5.25 in) flexible disk cartridges using modified frequency modulation recording at 7 958 fthead, 3,8 tpm (96 tpi), on both sides - Part 2: Track format A (reaffirmation of INCITS/ISO 8378-2-1986)

Describes the quality of recorded signals, the track layout and track format for 130-mm (5,25 in) flexible disk cartridges intended for data interchange between data processing systems and recorded at 7 958 fthead and 3,8 tpm (96 tpi) on both sides using modified frequency modulation recording. Such a flexible disk cartridge shall be in conformance with ISO 8378 if meeting either the requirements of parts 1 and 2 or 1 and 3.

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

BSR/ISO 8630-2-1987 (R200x), Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 13 262 fthead, on 80 Tracks on Each Side - Part 2: Track format A for 77 Tracks (reaffirmation of INCITS/ISO 8630-2-1987)

Specifies the quality of recorded signals, the track layout, and a track format to be used on 130-mm (5.25-in), 13 262 fthead flexible disk cartridges intended for data interchange between data processing systems.

Single copy price: \$18.00

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BSR/ISO 8630-3-1987 (R200x), Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 13 262 fthead, on 80 Tracks on Each Side - Part 3: Track Format B for 80 Tracks (reaffirmation of INCITS/ISO 8630-3-1987)

Specifies the quality of recorded signals, the track layout, and a track format to be used on 130-mm (5.25-in), 13 262 fthead flexible disk cartridges intended for data interchange between data processing systems.

Single copy price: \$18.00

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

BSR/ISO 8860-2-1987 (R200x), Information Processing - Data Interchange on 90 mm (3.5 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 7 958 fthead on 80 Tracks on Each Side - Part 2: Track Format (reaffirmation of INCITS/ISO 8860-2-1987)

Specifies the track layout, the track format and the characteristics of recorded signals.

Single copy price: \$18.00

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BSR/ISO 9529-2-1989 (R200x), Information Processing Systems - Data Interchange on 90 mm (3.5 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 15 916 fthead on 80 tracks on Each Side - Part 2: Track Format (reaffirmation of INCITS/ISO 9529-2-1989)

Specifies the track layout, the track format and the characteristics of the recorded signals.

Single copy price: \$18.00

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BSR/ISO/IEC 10994-1992 (R200x), Information Technology - Data Interchange on 90 mm Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 31 831 fthead on 80 Tracks on Each Side - ISO Type 303 (reaffirmation of INCITS/ISO/IEC 10994-1992)

Specifies the characteristics of 90-mm flexible disk cartridges recorded at 31 831 fthead using modified frequency modulation recording, on 80 tracks on each side. Such flexible disk cartridges are identified as ISO Type 303. This standard specifies the mechanical, physical and magnetic characteristics of the cartridge, so as to provide physical interchangeability between data processing systems.

Single copy price: \$18.00

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

BSR/ISO/IEC 11404-1996 (R200x), Information Technology - Programming Languages, Their Environments and System Software Interfaces - Language - Independent Datatypes (reaffirmation of INCITS/ISO/IEC 11404-1996)

Specifies the nomenclature and shared semantics for a collection of datatypes commonly occurring in programming language and software interfaces, referred to as the Language-Independent (LI) Datatypes. Specifies both primitive datatypes, in the sense of being defined ab initio with reference to other datatypes, and non-primitive datatypes, in the sense of being wholly or partly defined in terms of other datatypes.

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

BSR/ISO/IEC 13923-1996 (R200x), Information Technology - 3,81 mm Wide Magnetic Tape Cartridge for Information Interchange - Helical Scan Recording - DDS-2 Format Using 120 m Length Tape (reaffirmation of INCITS/ISO/IEC 13923-1996)

Specifies the physical and magnetic characteristics of a 3,81 mm wide magnetic tape cartridge to enable physical interchangeability of such cartridges between drives. It also specifies the quality of the recorded signals, the recording method and the recorded format, thereby allowing data interchange between drives by means of such magnetic tape cartridges.

Single copy price: \$18.00

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

BSR/ISO/IEC 14169-1995 (R200x), Information Technology - 90 mm Flexible Disk Cartridges for Information Interchange - 21 Mbytes Formatted Capacity - ISO Type 305 (reaffirmation of INCITS/ISO/IEC 14169-1995)

Specifies the characteristics of 90 mm flexible disk cartridges (FDC) of 21 Mbytes formatted capacity recorded at 31 831 ftprad in the Inner Zone and 47 747 ftprad in the Outer Zone with sector servo tracking on 326 data tracks on each side, using 2-7 RLL recording. It specifies the mechanical, physical and magnetic characteristics of the cartridge, so as to provide physical interchangeability between data processing systems. Single copy price: \$18.00

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

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

Withdrawals

ANSI INCITS 50-1986 (R1997), Representations for U.S. Customary, SI, and Other Units to Be Used in Systems with Limited Character Sets (withdrawal of ANSI INCITS 50-1986 (R1997))

Provides representations for units of weights and measure to be used in data interchange. The representations apply to names of U.S. customary units and internationally recognized units and their decimal multiples and submultiples.

Single copy price: \$18.00

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

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ANSI INCITS 190-1992 (R1997), Information Technology - Text and Office Systems - Conformance Testing for Standard Generalized Markup Language (SGML) Systems (withdrawal of ANSI INCITS 190-1992 (R1997))

Addresses the construction and use of test suites for verifying conformance of SGML systems. Its provisions assist those who build test suites, those who build SGML systems to be evaluated by such suites, and those who examine an SGML system's performance on a test suite as part of the process of selecting an SGML tool.

Single copy price: \$18.00

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

NSF (NSF International)

Revisions

BSR/NSF 14-2002, Plastics Piping System Components and Related Materials (i4) (revision of ANSI/NSF 14-2002)

Complete revision.

Single copy price: \$35.00

Obtain an electronic copy from:

www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subroup_id=10020

Order from: www.nsf.org

Send comments (with copy to BSR) to: Robert Powitz; sanitarian@juno.com

BSR/NSF 44-200x, Residential Cation Exchange Water Softeners (i11) (revision of ANSI/NSF 44-2002)

Revisions to parts of sections 2, 3, 4, 6 and 7.

Single copy price: \$35.00

Obtain an electronic copy from:

www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subroup_id=10020

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Send comments (with copy to BSR) to: T. Duncan Ellison c/o c/o Mike Blumenstein (734) 913-5752 or blumenstein@ns.org

TIA (Telecommunications Industry Association)

New Standards

BSR/TIA/EIA 102.AACB, Digital Private Land Mobile Radio Over-the-Air-Rekeying (OTAR) Operational Description (new standard)

Provides an operational description of OTAR.

Single copy price: Free

Obtain an electronic copy from: global@ihs.com

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

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

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 6-200x, Electrical Rigid Metal Conduit - Steel (Bulletin dated 7/29/02) (new standard)

The requirements cover steel electrical rigid metal conduit (RMC), nipples, elbows, and couplings. This conduit is provided in trade sizes 3/8 - 6 (12 - 155), for use as a metal raceway for the installation of wires and cables in accordance with the National Electrical Code.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: www.comm-2000.com

Order from: comm2000

Send comments (with copy to BSR) to: Paul Lloret, UL-CA; Paul.E.Lloret@us.ul.com

BSR/UL 6A-200x, Electrical Rigid Metal Conduit - Aluminum, Bronze, and Stainless Steel (Reference Subject dated 7/21/00) (new standard)

The requirements cover aluminum, bronze, and stainless steel electrical rigid metal conduit (RMC), nipples, elbows, and couplings in trade sizes 3/8 - 6 (12 - 155), for use as a metal raceway for the installation of wires and cables in accordance with the National Electrical Code.

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BSR/UL 360-200x, Liquid-Tight Flexible Steel Conduit (Bulletin Dated 7/29/02) (new standard)

Reference Subject 6 Bulletin Dated 7/29/02 and Subject 360 Standard dated 8/16/96. The requirements cover the 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, and 4 inch trade sizes of liquid-tight flexible steel conduit.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: www.comm-2000.com

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Send comments (with copy to BSR) to: Paul Lloret, UL-CA; Paul.E.Lloret@us.ul.com

BSR/UL 797A-200x, Electrical Metallic Tubing - Aluminum (Bulletin dated 7/19/00) (new standard)

These requirements cover aluminum electrical metallic tubing (EMT) and elbows in trade sizes 3/8 - 4 (12 - 103) for use as a metal raceway for the installation of wires and cables in accordance with the National Electrical Code.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: www.comm-2000.com

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Send comments (with copy to BSR) to: Paul Lloret, UL-CA; Paul.E.Lloret@us.ul.com

Revisions

BSR/UL 1-200x, Flexible Metal Conduit (Bulletin dated 7/30/02) (revision of ANSI/UL 1-1999)

The following BSR/UL 1-200x items are being considered for public comment: (1) Deletion of Scope paragraph 1.2; (2) Include new type of conduit, Extra Reduced Wall Flexible Metal Conduit (XRWFMC); (3) Revise Impact Test methods to permit equivalent methods of achieving the required impact forces; and (4) Revise the Fault Current Test to coordinate current capabilities of flexible metal conduit with those required of the fittings.

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Send comments (with copy to BSR) to: Paul Lloret, UL-CA; Paul.E.Lloret@us.ul.com

BSR/UL 489-200x, Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures (Bulletin dated July 23, 2002) (revision of ANSI/UL 489-1994)

Addition of Requirements for Circuit Breakers with Equipment Ground Fault Protection.

Single copy price: Contact comm2000 for pricing and delivery options

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Send comments (with copy to BSR) to: Patricia Sena, UL-NY; Patricia.A.Sena@us.ul.com

BSR/UL 797-200x, Electrical Metallic Tubing - Steel (Bulletin dated 7/29/02) (revision of ANSI/UL 797-1995)

The requirements cover steel electrical metallic tubing (EMT) and elbows in trade sizes 3/8 - 4 (12 - 103), for use as a metal raceway for the installation of wires and cables in accordance with the National Electrical Code.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: www.comm-2000.com

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Send comments (with copy to BSR) to: Paul Lloret, UL-CA; Paul.E.Lloret@us.ul.com

BSR/UL 1242-200x, Standard for Safety for Electrical Intermediate Metal Conduit (Bulletin dated 7/29/02) (revision of ANSI/UL 1242-2001)

The following BSR/UL 1242-200x items are being considered for public comment: (1) Revise Impact Test methods to permit equivalent methods of achieving the required impact forces; and (2) Deletion of the minimum radius requirement for the gooseneck in 11.2.

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Comment Deadline: October 8, 2002

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

ASME (American Society of Mechanical Engineers)

New Standards

BSR/ASME PTC 4.3-200x, Performance Test Code - Air Heaters (new standard)

Provides procedures for conducting performance tests of devices used to transfer heat directly from the heat source to air with or without the use of an intermediate transfer fluid. These devices include (a) Combustion gas-to-air heat exchangers, including air heater with multi-section air streams and (b) Air preheater coils utilizing steam, water or other hot fluids.

Single copy price: \$45.00

Order from: Silvana Rodriguez-Bhatti, ASME; rodriguez@asme.org
Send comments (with copy to BSR) to: Jack Karian, ASME; karianj@asme.org

BSR/ASME PTC 39.1-200x, Condensate Removal Devices for Steam Systems - Performance Test Code (new standard)

This Code covers steam traps which are devices used in removing condensate and non-condensibles from steam systems.

Single copy price: \$40.00

Order from: Silvana Rodriguez-Bhatti, ASME; rodriguez@asme.org
Send comments (with copy to BSR) to: Marissa A. Brookes

Supplements

BSR/ASME NUM-1b-200x, Rules for Construction of Cranes, Monorails and Hoists (supplement to ANSI/ASME NUM-1-1996)

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

Single copy price: \$10.00

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

AWS (American Welding Society)

New Standards

BSR/AWS B5.15200x, Specification for the Qualification of Radiographic Interpreters (new standard)

Establishes the requirements for qualification of radiographic interpreters. It describes how these personnel shall be qualified, establishes training requirements, defines experience requirements, and establishes areas and levels of knowledge required to perform the functions related to radiographic interpretation.

Single copy price: \$4.25

Order from: R. O'Neill, AWS; roneill@aws.org

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

AWWA (American Water Works Association)

Revisions

BSR/AWWA C500-200x, Metal-Seated Gate Valves for Water Supply Service (revision of ANSI/AWWA C500-1993)

This standard covers iron-body, brass-mounted, nonrising-stem (NRS) gate valves including tapping gate valves, 3 in. (75 mm) NPS through 48 in. (1200 mm) NPS, and outside screw and yoke (OS&Y) rising-stem gate valves, 3 in. (75 mm) NPS through 12 in. (300 mm) NPS, with either double-disc gates having parallel or inclined seats, or solid-wedge gates.

Single copy price: \$5.00

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

Send comments (with copy to BSR) to: Same

BSR/AWWA C653-200x, Disinfection of Water Treatment Plants (revision of ANSI/AWWA C653-1997)

This standard covers chlorination materials, procedures, and requirements for disinfection of new treatment facilities and existing water treatment facilities temporarily taken out of service for cleaning, inspection, maintenance, painting, repair, or any other activity that might lead to contamination of water.

Single copy price: \$5.00

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

Send comments (with copy to BSR) to: Same

CSA (ASC Z21/83) (CSA America, Inc.)

Revisions

BSR Z21.11.2-200x, Gas-Fired Room Heaters, Volume II, Unvented Room Heaters (revision of ANSI Z21.11.2-2000)

Details test and examination criteria for unvented heaters for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures. Such heaters are limited to maximum input ratings of 40,000 Btu per hour.

Single copy price: \$50.00

Order from: Lynn Smoke, CSA; lynn.smoke@csa-america.org

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

Supplements

BSR Z21.91a-200x, Ventless Firebox Enclosures for Gas-Fired Unvented Decorative Room Heaters (supplement to ANSI Z21.91-2001)

applies to newly produced ventless firebox enclosures for use with gas-fired unvented decorative room heaters which comply with ANSI Z21.11.2 for installation in solid fuel-burning fireplaces.

Single copy price: \$30.00

Order from: Lynn Smoke, CSA; lynn.smoke@csa-america.org

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

TIA (Telecommunications Industry Association)

Revisions

BSR/TIA/EIA 683-C-200x, (SP-3-4742-RV3) Over the Air Service Provisioning of Mobile Stations in Spread Spectrum Systems (revision and redesignation of ANSI/TIA/EIA 683-B-2001)

Describes Over the Air Service Provisioning in CDMA and analog
Single copy price: \$226.00

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

Correction

Change in Designation

BSR/AISC 305.2-2002

The American Institute of Steel Construction, Inc. is changing the designation of the ANSI candidate standard previously known as, AISC 305.2, Seismic Provisions for Structural Steel Buildings. The new designation is AISC 341. Inquiries may be directed to: Cynthia J. Lanz, AISC; (312) 670-5410 or lanz@aisc.org

Call for Comment Contact Information

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

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NCITS Secretariat/ITI
1250 Eye Street, NW
Suite 200
Washington, DC 20005-3922
Phone: (202) 626-5743 x743
Fax: (202) 638-4922
Web: www.incits.org

NSF

NSF International
789 Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-6820
Fax: (734) 827-6831
Web: www.nsf.org

Send comments to:

ARMA

Association of Records Managers
and Administrators
13725 W. 109th Street; Suite 101
Lenexa, KS 66215
Phone: (913) 341-3808
Fax: (913) 341-3742
Web: www.arma.org

ASHRAE

American Society of Heating,
Refrigerating and
Air-Conditioning Engineers, Inc.
1791 Tullie Circle, N.E.
Atlanta, GA 30329
Phone: (404) 636-8400
Fax: (404) 321-5478
Web: www.ashrae.org

ASME

American Society of Mechanical
Engineers (ASME)
3 Park Avenue, 20th Floor
New York, NY 10016
Phone: (212) 591-8552
Fax: (212) 705-7196
Web: www.asme.org

AWS

American Welding Society
550 N.W. LeJeune Road
Miami, FL 33126
Phone: (305) 443.9353 x302
Fax: (305) 443-5951
Web: www.aws.org

AWWA

American Water Works
Association
6666 West Quincy Avenue
Denver, CO 80235
Phone: (303) 794-7711
Fax: (303) 795-7603
Web:
www.awwa.org/asp/default.asp

CSA

CSA International
8501 East Pleasant Valley Road
Cleveland, OH 44131-5575
Phone: (216) 524-4990
Fax: (216) 642-3463

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NSF

NSF International
789 Dixboro Road
Ann Arbor, MI 48105
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Fax: (734) 827-6831
Web: www.nsf.org

TIA

Telecommunications Industry
Association
2500 Wilson Boulevard
Suite 300
Arlington, VA 22201-3834
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL-CA

Underwriters Laboratories, Inc.
1655 Scott Boulevard
Santa Clara, CA 95050
Phone: (408) 985-2400 Ext.32410
Fax: (408) 556-6045

UL-NC

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

UL-NY

Underwriters Laboratories, Inc.
1285 Walt Whitman Road
Melville, NY 11747-3081
Phone: (864) 574-7980

Final actions on American National Standards

The standards actions listed below have been approved by the ANSI Board of Standards Review (BSR) or by an ANSI-Audited Designator, as applicable.

ASA (ASC S2) (Acoustical Society of America)

Reaffirmations

ANSI S2.21-1998 (R2002), Methods for Preparation of a Standard Material for Dynamic Mechanical Measurements (reaffirmation of ANSI S2.21-1998): 7/31/2002

ANSI S2.22-1998 (R2002), Resonance Method for Measuring the Dynamic Mechanical Properties of Viscoelastic Materials (reaffirmation of ANSI S2.22-1998): 7/31/2002

ANSI S2.23-1998 (R2002), Single Cantilever Beam Method for Measuring the Dynamic Mechanical Properties of Viscoelastic Materials (reaffirmation of ANSI S2.23-1998): 7/31/2002

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)

Reaffirmations

ANSI/ASHRAE 28-1996 (R2002), Method of Testing Flow Capacity of Refrigerant Capillary Tubes (reaffirmation of ANSI/ASHRAE 28-1996): 7/30/2002

Supplements

ANSI/ASHRAE/IESNA 90.1b-2002, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-1999): 7/30/2002

ANSI/ASHRAE/IESNA 90.1c-2002, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-1999): 7/30/2002

ANSI/ASHRAE/IESNA 90.1d-2002, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-1999): 7/30/2002

ASTM (ASTM International)

Revisions

ANSI/IEEE/ASTM SI 10-2002, American National Standard for Use of the International System of Units (SI): The Modern Metric System (revision of ANSI/IEEE/ASTM SI 10-1997): 7/26/2002

ATIS (ASC T1) (Alliance for Telecommunications Industry Solutions)

Supplements

ANSI T1.111a-2002, Numbering of Signalling Point Codes (supplement to ANSI T1.111-2000): 7/31/2002

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

ANSI/IEEE 802.15.1-2002, Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part 15.1: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Wireless Personal Area Networks (WPANs™) (new standard): 7/26/2002

Revisions

ANSI/IEEE 18-2002, Shunt Power Capacitors (revision of ANSI/IEEE 18-1993): 7/27/2002

ANSI/IEEE 1076-2002, VHDL Language Reference Manual (revision of ANSI/IEEE 1076-1993): 7/26/2002

IPC (IPC - Association Connecting Electronics Industries)

Revisions

ANSI/IPC/JEDEC J-STD-020B-2002, Moisture/Reflow Sensitivity Classification for Non-Hermetic Solid State Surface Mount Devices (revision and redesignation of ANSI J-STD-020-1997): 7/31/2002

UL (Underwriters Laboratories, Inc.)

New National Adoptions

ANSI/UL 61965-2002, Mechanical Safety of Cathode Ray Tubes (new national adoption): 7/29/2002

Revisions

ANSI/UL 588-2002, Standard for Safety for Christmas-Tree and Decorative Lighting (revision of ANSI/UL 588-2000): 7/26/2002

ANSI/UL 1123-2002, Standard for Safety for Marine Buoyant Devices (Meeting Report 02-22-02) (revision of ANSI/UL 1123-2000a): 7/30/2002

ANSI/UL 1180-2002, Standard for Safety for Fully Inflatable Recreational Personal Flotation Devices (Meeting Report 02-22-02) (revision of ANSI/UL 1180-2000a): 7/30/2002

Correction

Change in Approval Date

ANSI/UL 913-2002

ANSI/UL 913-2002, Standard for Safety for Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, III, Division 1, Hazardous (Classified) Locations, appeared in the Final Actions section of the July 12, 2002 issue of Standards Action with an approval date of June 27, 2002. The approval date has been changed by UL to June 28, 2002.

Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-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. For additional information, see clause 1.2.8 of the ANSI Procedures for the Development and Coordination of American National Standards (2001 edition.)

Following is a list of proposed new American National Standards or revisions to existing American National Standards that have been received from ANSI-accredited standards developers that utilize the periodic maintenance option in connection with their standards. Please also review the section entitled "American National Standards Maintained Under Continuous Maintenance" contained in Standards Action for comparable information with regard to standards maintained under the continuous maintenance option. Directly and materially affected interests wishing to receive more information should contact the standards developer directly.

ASTM (ASTM International)

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428

Contact: James Olshefsky

Fax: (610) 832-9666

E-mail: jolshefs@astm.org

BSR/ASTM Z9580Z-200x, Test Methods Bicycle Forks (new standard)

BSR/ASTM Z9583Z-200x, Specification for Headgear Used for Soccer (new standard)

BSR/ASTM Z9585Z-200x, Specification for Headforms (new standard)

BSR/ASTM Z9588Z-200x, Specification for Condition 3 Bicycle Forks (new standard)

BSR/ASTM Z9599Z-200x, Test Method for Treestand Fall Protection Devices (new standard)

BSR/ASTM Z9600Z-200x, Standard Practice for Treestand Manufacturer Quality Assurance Program (new standard)

BSR/ASTM Z9615Z-200x, Specification for Edge Binding Components Used in Mattresses (new standard)

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

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

Contact: Susan Vogel

Fax: (732) 562-1571

E-mail: s.vogel@ieee.org

BSR N42.18-200x, On-Site Instrumentation for Continuously Monitoring Radioactivity in Effluents, Specification and Performance of (new standard)

BSR N42.20-200x, Performance Criteria for Active Personnel Radiation Monitors (revision of ANSI N42.20-1995)

BSR N42.20-1995, Performance Criteria for Active Personnel Radiation Monitors (reaffirmation of ANSI N42.20-1995)

ITI (INCITS) (INCITS)

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

Contact: Barbara Bennett

Fax: (202) 638-4922

E-mail: bbennett@itic.org

BSR INCITS PN-1572-200x, Information technology - BIOS Enhanced Disk Drive Services - 3 (EDD-3) (new standard)

SCTE (Society of Cable Telecommunications Engineers)

Office: 140 Phillips Road
Exton, PA 19341

Contact: Stephen Oksala

Fax: (610) 363-5898

E-mail: soksala@scte.org

BSR/SCTE DVS 071-200x, Digital Multiprogram Distribution By Satellite (new standard)

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, IL 60062-2096

Contact: Mitchell Gold

Fax: (847) 313-2850

E-mail: Mitchell.Gold@us.ul.com

BSR/UL 60974-1-200x, Arc Welding Equipment; Part 1: Welding Power Sources (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
- AGRSS
- ASC B109 (AGA)
- ASHRAE
- ASME
- ASTM
- NACE
- NBBPVI
- NSF International
- TIA
- Underwriters Laboratories Inc.

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

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



ISO Draft International Standards

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

Comments

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>

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 5356-1, Anaesthetic and respiratory equipment - Conical connectors - Part 1: Cones and sockets - 11/9/2002, \$60.00

FERROUS METAL PIPES AND METALLIC FITTINGS (TC 5)

ISO/DIS 9349, Preinsulated ductile iron pipeline systems - 11/9/2002, \$30.00

GEOSYNTHETICS (TC 221)

ISO/DIS 13428, Geotextiles and geotextile - Related products - Impact test - 11/9/2002, \$42.00

NON-DESTRUCTIVE TESTING (TC 135)

ISO/DIS 9712, Non-destructive testing - Qualification and certification of personnel - 11/9/2002, \$64.00

ISO/DIS 20807, Non-destructive testing - Qualification of personnel for limited application of non-destructive testing - 11/9/2002, \$56.00

PLASTICS PIPES, FITTINGS AND VALVES FOR THE TRANSPORT OF FLUIDS (TC 138)

ISO/DIS 19480, Thermoplastics pipes and fittings for the supply of gaseous fuels - Training and assessment of fusion-machine operators - 11/9/2002, \$35.00

ROLLING BEARINGS (TC 4)

ISO/DIS 15243, Rolling bearings - Damage and failures - Terms, characteristics and causes - 11/9/2002, \$80.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 500-1, Agricultural tractors - Rear-mounted power take-off types 1, 2 and 3 - Part 1: General specifications, safety requirements, dimensions for master shield and clearance zone - 11/16/2002, \$30.00

ISO/DIS 500-2, Agricultural tractors - Rear-mounted power take-off types 1, 2 and 3 - Part 2: Narrow-track tractors, dimensions for master shield and clearance zone - 11/16/2002, \$30.00

ISO/DIS 500-3, Agricultural tractors - Rear-mounted power take-off types 1, 2 and 3 - Part 3: Main PTO dimensions and spine dimensions, location of PTO - 11/16/2002, \$46.00

ISO/DIS 22368-1, Crop protection equipment - Test methods for the evaluation of cleaning systems - Part 1: Internal cleaning of complete sprayers - 11/16/2002, \$38.00

ISO/DIS 22368-2, Crop protection equipment - Test methods for the evaluation of cleaning of systems - Part 2: External cleaning of sprayers - 11/16/2002, \$42.00

ISO/DIS 22368-3, Crop protection equipment - Test methods for the evaluation of cleaning systems - Part 3: Internal cleaning of tank - 11/16/2002, \$35.00

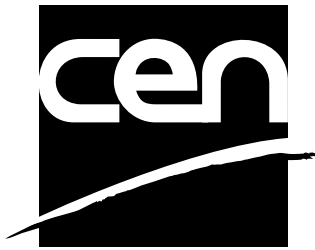
TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 17386, Transport information and control systems - Manoeuvring Aids for Low Speed Operation - Performance requirements and tests procedure - 11/16/2002, \$54.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 15296, Gas welding equipment - Terminology - Terms used for gas welding equipment - 11/16/2002, \$60.00

CEN/CENELEC Standards Activity



**Competitive Excellence Through
Standardization Technology**

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

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

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

Ordering Instructions

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

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

CEN

European drafts sent for CEN enquiry

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

- prEN 13609-1, Health informatics - Messages for maintenance of supporting information in healthcare systems - Part 1: Updating of coding schemes - 12/18/2002, \$76.00
- prEN 14517, Liquid petroleum products - Determination of hydrocarbon types and oxygenates in petrol - Multidimensional gas chromatography - 12/18/2002, \$50.00
- prEN 14519, Solid wood panelling and cladding - Softwood machined profiles with tongue and groove - 12/18/2002, \$35.00
- prEN 14521, Resilient floor coverings - Specification for smooth rubber floor coverings with or without foam backing and with decorative layer - 12/18/2002, \$26.00
- prEN ISO 679, Methods of testing cement - Determination of strength (ISO/DIS 679: 2002) - 11/4/2002, \$64.00
- prEN ISO 10497, Testing of valves - Fire type-testing requirements (ISO/DIS 10497: 2002) - 11/18/2002, \$20.00
- prEN ISO 10555-1: 1996/prA2, Sterile, single-use intravascular catheters - Part 1: General requirements (ISO 10555-1: 1996/DAM 2: 2002) - 12/18/2002, \$20.00
- prEN ISO 10563 REVIEW, Building construction - Jointing products - Determination of change in mass and volume of sealants (ISO/DIS 10563: 2002) - 11/18/2002, \$20.00
- prEN ISO 10590 REVIEW, Building construction - Jointing products - Determination of tensile properties of sealants at maintained extension after immersion in water (ISO/DIS 10590: 2002) - 11/18/2002, \$20.00

- prEN ISO 10591 REVIEW, Building construction - Jointing products - Determination of adhesion/cohesion properties of sealants after immersion in water (ISO/DIS 10591: 2002) - 11/18/2002, \$20.00
- prEN ISO 11432 REVIEW, Building construction - Jointing products - Determination of resistance to compression of sealants (ISO/DIS 11432: 2002) - 11/18/2002, \$20.00
- prEN ISO 14509: 2000/prA1, Small craft - Measurement of airborne sound emitted by powered recreational craft (ISO 14509: 2000/DAM 1: 2002) - 11/18/2002, \$20.00
- prEN ISO 14906 REVIEW, Road transport and traffic telematics - Electronic fee collection - Application interface definition for dedicated short-range communication (ISO/DIS 14906: 2002) - 11/18/2002, \$116.00
- prEN ISO 16484-5, Building automation and control systems - Part 5: Data communication protocol (ISO/DIS 16484-5: 2002) - 11/18/2002, \$20.00
- prEN ISO 20645, Textile fabrics - Determination of anti-bacterial activity - Agar diffusion plate test (ISO/DIS 20645: 2002) - 11/11/2002, \$20.00
- prEN ISO 21171, Rubber medical gloves - Determination of residual powder on surface (ISO/DIS 21171: 2002) - 11/18/2002, \$20.00
- prEN ISO 21267-4, Technical drawings - Railway applications - Part 4: Data exchange (ISO/DIS 21267-4: 2002) - 11/18/2002, \$54.00
- prEN ISO 21567, Microbiology of food and animal feeding stuffs - Horizontal method for the detection of *Shigella* spp. (ISO/DIS 21567: 2002) - 11/18/2002, \$20.00

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.

- prCEN/TS 12200-2, Plastics Rainwater piping systems for above ground external use - Unplasticized poly(vinyl chloride) (PVC-U) - Part 2: Guidance for the assessment of conformity
- prCEN ISO/TS 15875-7, Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 7: Guidance for the assessment of conformity (ISO/DTS 15875-7: 2002)
- prCEN ISO/TS 15876-7, Plastics piping systems for hot and cold water installations - Polybutylene - Part 7: Guidance for the assessment of conformity (ISO/DTS 15876-7: 2002)
- prCEN ISO/TS 15877-7, Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 7: Guidance for the assessment of conformity (ISO/DTS 15877-7: 2002)
- prEN 1991-2, Eurocode 1 - Actions on structures - Part 2: Traffic loads on bridges
- prEN 12285-1, Workshop fabricated steel tanks - Part 1: Horizontal cylindrical single skin and double skin tanks for the underground storage of flammable and non-flammable water polluting liquids
- prEN 12499, Internal cathodic protection of metallic structures
- prEN 12629-2, Machines for the manufacture of constructional products from concrete and calcium-silicate - Safety - Part 2: Block making machines
- prEN 12629-3, Machines for the manufacture of constructional products from concrete and calcium-silicate - Safety - Part 3: Slide and turntable machines
- prEN 12629-8, Machines for the manufacture of constructional products from concrete and calcium-silicate - Safety - Part 8: Machines and equipment for the manufacture of constructional products from calcium-silicate (and concrete)
- prEN 12952-9, Water-tube boilers and auxiliary installations - Part 9: Requirements for firing systems for pulverized solid fuels for the boiler
- prEN 12952-16, Water-tube boilers and auxiliary installations - Part 16: Requirements for grate and fluidized-bed firing systems for solid fuels for the boiler
- prEN 13566-1, Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 1: General
- prEN 13566-3, Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 3: Lining with close-fit pipes
- prEN 13566-4, Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 4: Lining with cured-in-place pipes
- prEN 14047, Packaging - Determination of the ultimate aerobic biodegradability of packaging materials in an aqueous medium - Method by analysis of evolved carbon dioxide
- prEN 14048, Packaging - Determination of the ultimate aerobic biodegradability of packaging materials in an aqueous medium - Method by measuring the oxygen demand in a closed respirometer
- prEN 14142-1, Postal services - Address data bases - Part 1: Components of Postal Addresses
- prEN ISO 2639, Steels - Determination and verification of the depth of carburized and hardened cases (ISO/FDIS 2639: 2002)
- prEN ISO 15761, Steel gate, globe and check valves for sizes DN 100 and smaller, for the petroleum and natural gas industries (ISO/FDIS 15761: 2002)
- prEN ISO 16426, Fasteners - Quality assurance system (ISO/FDIS 16426: 2002)

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

IFMC

Public review: July 5, 2002 to October 10, 2002

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.

To distribute information on these proposed foreign technical regulations, the National Center for Standards and Certification Information

(NCSCI), National Institute of Standards and Technology (NIST), provides an on-line service - Export Alert! - that allows interested parties to register and obtain notifications, via e-mail, for countries and industry sectors of interest to them. To register, go to <http://ts.nist.gov/ncsci> and click on "Export Alert!".

NCSCI serves as the U.S. WTO TBT inquiry point and receives copies of all notifications, in English, to disseminate to U.S. industry. To obtain copies of the full text of the regulations or for further information, contact NCSCI, NIST, 100 Bureau Drive, Stop 2160, Gaithersburg, MD 20899-2160; telephone (301) 975-4040; fax (301) 926-1559, e-mail - ncsci@nist.gov.

NCSCI will also request an extension of the comment period and transmit comments to the issuing foreign agency for consideration.

Information Concerning

American National Standards

Change in Designation and Title

BSR/OPEI B71.10

The Outdoor Power Equipment Institute has changed the designation and title of a standard project listed in the PINS section of the July 19, 2002 issue of Standards Action. The Designation BSR/OPEI B71.10 has been changed to BSR/OPEI B 175.4, and the title has changed from "Outdoor Power Equipment-Cut-off Saws-Safety Specifications" to

"Outdoor Power Equipment-Cut-off Machines-Safety Specifications". Inquiries may be directed to Nate Wall, OPEI; nwall@opei.org.

Change to PINS Submittal

ANSI/AAMI/ISO 11137

On 30 January 2001, AAMI submitted 4 PINS related to revision of ANSI/AAMI/ISO 11137: 1994. In the revision process, ISO was splitting the document into 4 parts, and AAMI was conducting parallel adoption. ISO has decided to combine 2 of the original parts. The following table illustrates the changes.

| Original title | New title |
|--|--|
| 11137-1 Sterilization of health care products - Requirements for the development, validation and routine control of a sterilization process for medical devices - Radiation - Part 1: Requirements | (No change) |
| 11137-2 Sterilization of health care products - Requirements for the development, validation and routine control of a sterilization process for medical devices - Radiation - Part 2: Dose setting methods | 11137-2 Sterilization of health care products - Radiation sterilization - Part 2: Establishing the sterilization dose |
| 11137-3 Sterilization of health care products - Requirements for the development, validation and routine control of a sterilization process for medical devices - Radiation - Part 3: Dose substantiation of 25-kGy method | |
| 11137-4 Sterilization of health care products - Requirements for the development, validation and routine control of a sterilization process for medical devices - Radiation - Part 4: Dosimetry, dose mapping, and routine monitoring | 11137-3 Sterilization of health care products - Radiation sterilization - Requirements for the development, validation and routine control of a sterilization process for medical devices - Part 3: Guidance on dosimetric aspects in radiation sterilization |

Accredited Standards Committees

Reaccreditation

ASC Z21/83 - Performance and Installation of Gas-Burning Appliances and Related Accessories and Industrial Gas Equipment and Utilization

Comment Deadline: September 9, 2002

Accredited Standards Committee Z21/83, Performance and Installation of Gas-Burning Appliances and Related Accessories and Industrial Gas Equipment and Utilization (CSA America, Inc. serves as Secretariat), has submitted revisions to the operating procedures under which it was originally accredited under the Committee Method of developing consensus. As these revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Ms. Lynn Smoke, CSA America, Inc., 8501 East Pleasant Valley Road, Cleveland, OH 44131-5575; PHONE: (216) 524-4990; FAX: (216) 642-3463; E-mail: lynn.smoke@csa-america.org. Please submit your comments to Ms. Smoke by September 9, 2002, 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 Z21/83 operating procedures from ANSI Online during the public review period at the following URL:

http://www.ansi.org/public/library/sd_revise/default.htm.

International Organization for Standardization (ISO)

Call for ISO TAG Administrator

ISO/TC 14 - Shafts for Machinery and Accessories

Comment Deadline: September 9, 2002

ANSI has been advised that SAE International no longer wishes to serve as Administrator of the US Technical Advisory Group (TAG) for ISO/TC 14.

The scope of ISO/TC 14 as follows:

Standardization in the field of shafts for machines, their keys and keyways, splines and serrations and their accessories such as couplings, flanges, etc.

Any organization wishing to assume the role of US TAG Administrator for ISO/TC 96, please contact Henrietta Scully via e-mail: hscully@ansi.org; mail: c/o ANSI, 25 West 43rd Street, New York, NY 10036; or fax to (212) 730-1346 before September 9, 2002.

ISO/TC 96 - Cranes

Comment Deadline: September 9, 2002

ANSI has been advised that SAE no longer wishes to serve as Administrator of the US Technical Advisory Group (TAG) for ISO/TC 96.

The scope of ISO/TC 96 as follows:

Standardization in the field of cranes and related equipment which suspend loads by means of a load handling device, particularly in respect of terminology, load rating, testing, safety, general design principles, maintenance and operation.

Any organization wishing to assume the role of US TAG Administrator for ISO/TC 96, please contact Henrietta Scully via e-mail: hscully@ansi.org; mail: c/o ANSI, 25 West 43rd Street, New York, NY 10036; or fax to (212) 730-1346 before September 9, 2002.

Meeting Notice

USNC TAG SC17A - High Voltage Switchgear and Controlgear

The USNC TAG SC17A on High Voltage Switchgear and Controlgear will be meeting on Thursday, October 3, 2002, from 1:00 PM until 6:00 PM, at the San Luis Resort Hotel in Galveston, TX. The phone number for reservations is 1 (800) 392-5937, and the Web address is

<http://www.sanluisresort.com>. The deadline for reservations is August 29, 2002.

The purpose for the subject meeting will be to discuss the proposals and draft documents that have been developed by the IEC [All documents available on the NEMA Forum under "IEC Technical Advisory Group" and then "SC17A" or "SC17C", as appropriate. Contact Ken Gettman for access assistance.] and the following topics:

- * Review of any issues / Comment Development on IEC documents
- * Activities of IEC SC17C/MT14 - Revision of IEC 60298
- * Activities of IEC SC17A/MT34 - Revision of IEC 60694
- * TAG Membership
- * Future meetings

Please contact the hotel directly to make your reservation. A special room rate of \$130+taxes is available when making your reservation using the reference of "IEEE/PES Switchgear Committee". Additional information concerning the hotel, including transportation, is available at the website indicated above.

Please notify Ken Gettman, Manager of International Standards for NEMA of your plans to attend this meeting (PHONE: (703) 841-3254; FAX: (703) 841-3354; E-mail: ken_gettman@nema.org). Suggestions for agenda items should be submitted sufficiently in advance to permit the agenda to be distributed 4 weeks prior to the meeting.

[BSR/ASHRAE Standard 118.1-1993R, Method of Testing for Rating Commercial Gas, Electric and Oil Service Water Heating Equipment](#)
4th [Public Review – ISCs of Sections 7.4.1\(a\), 9.2.1 and 11.](#)

Independent Substantive Change (ISC) Review

The 4th Public Review Draft of BSR/ASHRAE Standard 118.1-1993R contains independent substantive changes to the 3rd Public Review Draft. ISC additions to the text will be shown by underlining and deletions by strikethrough, unless otherwise indicated. Only these changes will be open for review and comment at this time. Additional material is provided for context only and not open for comment except as it relates to the proposed substantive changes.

Second paragraph of Section 7.4.1 (a)

When the flue gases discharge vertically, an elbow, a 2-foot (610-mm) section of horizontal vent pipe, a second elbow and a vertical section of vent pipe shall be attached to the draft hood outlet, or in the absence of a draft hood, to the flue collar. The height of the vertical section shall be 5 feet (1 500 mm) as measured from the highest point of the draft hood relief opening(s), or flue collar.

Section 9.2.1

9.2 Standby Energy Consumption

9.2.1 For Type I Water Heating Equipment. By means of [the procedures described in](#) Section 8.7.1, establish a maximum mean tank temperature within the specified range of $140 \pm 5^\circ\text{F}$ ($60 \pm 3^\circ\text{C}$). At this time, record the time, t_{0s} , and the electric and fuel instrument readings. Determine and record the maximum mean tank temperature, T_{mi} , after cutout. Allow the water heating equipment to remain in the standby mode. Record the mean tank temperature and ambient temperature at equal intervals no greater than 15 minutes until ~~either~~ a cutout following 24 hours (to the nearest minute) from t_{0s} or 48 hours from t_{0s} , whichever occurs first. If a cut-in has not occurred 48 hours from t_{0s} , then end the test. If the burner has not cut in at the end of 48 hours then record the mean tank temperature.

At the end of the test, record the time, t_{fs} , and the electric or fuel instrument reading (or both if applicable) to determine the electrical energy, Z_s , volume of gas, V_s , and W_{fs} (as applicable). Determine and record the maximum mean tank temperature, T_{mf} , after cutout, or at 48 hours, as applicable.

Section 11 References

11 REFERENCES

1. ANSI/ASHRAE 41.1-1986 (RA 91), *Standard Method for Temperature Measurement*. American Society of Heating, Refrigeration, and Air-conditioning Engineers, Inc., Atlanta.
2. ~~2001~~ ~~1997~~-ASHRAE Handbook—Fundamentals. ~~2001~~ ~~1997~~. Chapter 6, Table 3. American Society of Heating, Refrigeration, and Air-Conditioning Engineers, Inc., Atlanta.
3. ANSI/ASTM D2156-94 ~~(1999)~~. *Standard Test Method ~~of Test~~ for Smoke Density in ~~the~~ Flue Gases from Burning Distillate Fuels*. American Society of Testing and Materials, Philadelphia.
4. ANSI/ASHRAE 37-1988. *Methods of Testing for Rating Unitary Air-Conditioning and Heat Pump Equipment*. American Society of Heating, Refrigeration, and Air-Conditioning Engineers, Inc., Atlanta.
5. ~~1999~~ ~~1995~~-ASHRAE Handbook – HVAC Applications. ~~1999~~ ~~1995~~. Chapter ~~4548~~, *Service Water Heating*. American Society of Heating, Refrigeration, and Air-Conditioning Engineers, Inc., Atlanta.

PROPOSED REQUIREMENTS FOR THE SIXTH EDITION OF THE STANDARD FOR SAFETY FOR ELECTRIC FLASHLIGHTS AND LANTERN FOR USE IN HAZARDOUS (CLASSIFIED) LOCATIONS, UL 783

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~. Proposed new requirements are identified by (NEW). In the case of extensively revised paragraphs, the original text is identified by (CURRENT) and is ~~lined-out~~, followed by the proposed text identified by (PROPOSED). A paragraph that is proposed to be deleted is identified by (DELETED) and is shown ~~lined-out~~.

1.1 These requirements cover battery-operated flashlights and lanterns for use in hazardous locations, Class I, Division 1, Groups A, B, C and D; Class I, Division 2, Groups A, B, C, and D; Class II, Division 1, Groups F and G; and Class II, Division 2, Groups F and G ~~in accordance with as defined in the National Electrical Code, NFPA 70.~~

1.5.4 Class I, Zone 4 2, Group II ~~C~~ A

1.5.5 Class I, Zone 4 2, Group II ~~C~~ B

1.5.6 Class I, Zone 4 2, Group IIC

3.1.10 A marking for a flashlight or lantern for Division 2 shall meet the requirements in ~~3.1.14~~ 3.1.9 or shall be a nonmetallic pressure-sensitive label which complies with the applicable sections of the Standard for Marking and Labeling Systems, UL 969.

Table 10.1 – (CURRENT)

Table 10.1
Current in calibration circuit for cadmium disc

| Group | Incendive circuit currents, millamperes | |
|-------|---|-------------|
| | Must not ignite | Must ignite |
| A & B | 25.5 | 30 |
| C | 49 | 65 |
| D | 71 | 100 |

Table 10.1 – (PROPOSED)

Table 10.1
Current in calibration circuit for cadmium disc

| Group | Incendive circuit currents, millamperes |
|-------|---|
| | Must ignite |
| A & B | 30 |
| C | 65 |
| D | 100 |