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Contents

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American National Standards

Call for comment on proposals listed

This section solicits public comments on proposed draft new American National Standards, including the national adoption of ISO and IEC standards as American National 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 shall 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. Please note that the ANSI Executive Standards Council (ExSC) has determined that an ASD has the right to require that interested parties submit public review comments electronically.

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

★ Standard for consumer products

ISSN 0038-9633

Comment Deadline: April 2, 2006

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 758-200x, Standard for Appliance Wiring Material (Proposals dated 3/3/06) (revision of ANSI/UL 758-2004)

Proposals:
- to revise 5.7.4 and 5.7.6 for clarification;
- to correct the requirement for the maximum decrease in thickness;
- to revise 25A.1 to clarify the requirement for printing on the surface of finished wire; and
- to withdraw the proposed change for 41.1.

Click here to see these changes in full, or look at the end of "Standards Action."

Send comments (with copy to BSR) to: Randi Myers, UL-CA; randi.k.myers@us.ul.com

Comment Deadline: April 17, 2006

ADA (American Dental Association)

New Standards

★ BSR/ADA 1039-200x, Standard Clinical Conceptual Data Model (new standard)

This document views clinical information from the perspective of how standardized data structure and content can best support healthcare delivery independent of technology, healthcare profession or specialty, or care delivery environment. It develops this understanding through a high-level structured analysis of the fundamental activities shared throughout the delivery of healthcare services and the principal types of data needed to support these activities.

Single copy price: $67.00

Obtain an electronic copy from: standards@ada.org

Order from: Paul Bralower, ADA; bralowerp@ada.org

Send comments (with copy to BSR) to: Same

ASQ (ASC Z1) (American Society for Quality)

New National Adoptions

★ BSR/ISO/ASQ Q10002-2004, Quality Management - Customer Satisfaction - Guidelines for Complaints Handling in Organizations (identical national adoption)

This International Standard provides guidance for the design and implementation of an effective and efficient complaints-handling process for all types of commercial or non-commercial activities, including those related to electronic commerce. It is intended to benefit an organization and its customers, complainants and other interested parties.

Single copy price: $52.00 (ASQ member)/$65.00 (non-member)

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Order from: American Society for Quality; standards@asq.org

Send comments (with copy to BSR) to: standards@asq.org

★ BSR/ISO/ASQ Q10005-2005, Quality Management Systems - Guidelines for Quality Plans (identical national adoption)

This International Standard provides guidelines for the development, review, acceptance, application and revision of quality plans. It is applicable whether or not the organization has a management system in conformity with ISO 9001. This International Standard is applicable to quality plans for a process, product, project or contract, any product category (hardware, software, processed materials and services) and any industry.

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Order from: American Society for Quality; standards@asq.org

Send comments (with copy to BSR) to: standards@asq.org

★ BSR/ISO/ASQ Q10006-200x, Quality Management Systems - Quality Management Systems - Guidelines for Quality Management in Projects (identical national adoption)

This International Standard provides guidance on quality management in projects. It outlines quality management principles and practices, the implementation of which are important to, and have an impact on, the achievement of quality objectives in projects.

Single copy price: $56.00 (ASQ member)/$70.00 (non-member)

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BSR/ISO/ASQC Q10007-200x, Quality Management Systems - Guidelines for Configuration Management (identical national adoption)

The purpose of this International Standard is to enhance common understanding of the subject, to promote the use of configuration management, and to assist organizations applying configuration management to improve their performance. Configuration management can be used to meet the product identification and traceability requirements specified in ISO 9001.

Single copy price: $40.00 (ASQ member)/$50.00 (non-member)

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AWS (American Welding Society)

Revisions

BSR/AWS D16.2/D16.2M-200x, Guide for Components of Robotic and Automatic Arc Welding Installations (revision of ANSI/AWS D16.2/D16.2M-2001)

Provides performance recommendations for evaluating components of a typical robotic or automatic welding installation. Emphasis is placed on the role of the welding interface. A pin arrangement and specific pin function for each location in a standardized 37-pin connector are proposed.

Single copy price: $27.00

Obtain an electronic copy from: roneill@aws.org

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

Send comments (with copy to BSR) to: Andrew Davis, AWS; adavis@aws.org; roneill@aws.org

ITI (INCITS) (InterNational Committee for Information Technology Standards)

Reaffirmations

BSR INCITS 14-1983 (R200x), Recorded Magnetic Tape for Information Interchange (200 CPI, NRZI) (reaffirmation of ANSI INCITS 14-1983 (R2001))

This standard provides specifications for format and recording for 1/2-inch, 9-track magnetic tape to be used for information interchange among information processing systems, communications systems, and associated equipment utilizing ANSI INCITS 4-1977. This standard deals solely with recording on magnetic tape, supports and complements Unrecorded Magnetic Tape for Information Interchange (9-Track 800 CPI, NRZI: 1600 CPI, PE; and 6250 CPI, GCR), ANSI INCITS 40-1983.

Single copy price: $18.00

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Send comments (with copy to BSR) to: Parthenia Purnell, ITI (INCITS); ppurnell@itic.org

BSR INCITS 22-1983 (R200x), Recorded Magnetic Tape for Information Interchange (800 CPI, NRZI) (reaffirmation of ANSI INCITS 22-1983 (R2001))

This standard provides specifications for format and recording 1/2-inch, 9-track magnetic tape to be used for information interchange among information processing systems, communication systems, and associated equipment utilizing the ANSI, ANSI X3.4.1977. This standard deals solely with recording on magnetic tape and supports and complements ANSI - Unrecorded Magnetic Tape for Information Interchange (9-Track 800 CPI, NRZI; 1600 CPI, PE; and 6250 CPI, GCR), ANSI X3.50-1983.

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BSR INCITS 82-1980 (R200x), One-Sided Single-Density Unformatted 5.25 Inch Flexible Disk Cartridge (reaffirmation of ANSI INCITS 82-1980 (R2001))

This standard specifies general, physical, and magnetic requirements for interchangeablity 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 negoitiated between concerned parties for use in drives using up to 40 tracks) and associated information processing systems.

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BSR INCITS 103-1983 (R200x), Unrecorded Magnetic Tape Minicassette for Information Interchange, Coplanar 3.81 mm (0.150 inch) (reaffirmation of ANSI INCITS 103-1983 (R2001))

This standard is for an unrecorded minicassette containing 3.81-mm (0.15-in) magnetic tape represents the minimum requirements for mechanical and magnetic interchangeability of the minicassette between information processing systems, communications systems, and associated equipment, using ASCII, ANSI INCITS 4-1977. This standard refers solely to the magnetic tape minicassettes for digital recording. It will support American National Standards for recorded minicassettes.

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BSR INCITS 121-1984 (R200x), Information technology - Two-Sided Unformatted 8-Inch (200 MM) Double Density Flexible Disk Cartridge (For 13262 FTPR Two-Headed Application) (Combined with Project 287) (reaffirmation of ANSI INCITS 121-1984 (R2001))

This standard 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) 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 INCITS 125-1985 (R200x), Information technology - Two-Sided, Double-Density, Unformatted 5.25-Inch (130-mm) 48-tpi (1.9-tpmm) Flexible Disk Cartridge for 7985 BPR Use (reaffirmation of ANSI INCITS 125-1985 (R2001))

This standard 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.

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BSR INCITS 164-1990 (R200x), Information technology - Unrecorded Magnetic Tape Cassette for Information Interchange 3.81 mm (0.150 In), 252 to 394 ftpmm (6400 to 10000 ftpi) (reaffirmation of ANSI INCITS 164-1990 (R2001))

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). The cassette is of the twin hub coplanar type, loaded with 3.81-mm (0.150-in)-wide magnetic tape. Access holes are provided for, and the tape is transported between hubs by external reel motors. Features are provided for the use of external tape capstan(s), tape position sensing, and external tape guiding. This standard applies to the cassettes used for data interchange.

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BSR INCITS 180-1990 (R200x), Information technology - Magnetic Tape and Cartridge for Information Interchange, 18-Track, Parallel, 12.65 mm (1/2 in.) 1491 cpmm (37 871 cpi) Group-Coded, Requirements for Recording (reaffirmation of ANSI INCITS 180-1990 (R2001))

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. Sections 4 through 8 of this standard provide the general reequirements, definitions, physical and magnetic tape characteristics, and the tape-cartridge requirements. Sections 9 through 15 deal with the requirements for recording on magnetic tape.

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BSR INCITS 181-1990 (R200x), Information technology - Recorded Magnetic Tape Cartridge for Information Interchange 0.500 in, 22 and 48 Tracks Serial Serpentine, 6 667 and 10 000 bpi (reaffirmation of ANSI INCITS 181-1990 (R2001))

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 solely with the requirements for recording on magnetic tape. Compliance with the standard for unrecorded tape, Unrecorded Magnetic Tape and Cartridge for Information Interchange, 1/2 inch (12.65 mm), Serial Serpentine, 22-Track, 6 667 ftpi (262 ftpmm) and 48-Track, 10 000 ftpi (394 ftpmm), ANSI INCITS193, is a requirement for information interchange.

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BSR INCITS 187-1990 (R200x), Information technology - Recorded Magnetic Tape for Longitudinal Recording of Instrumentation Data Interchange (reaffirmation of ANSI INCITS 187-1990 (R2001))

This standard provides instrumentation tape and recorder/reproducer characteristics and modes of recording to allow users of different systems to interchange analog data recorded on instrumentation magnetic tape. This standard deals solely with the requirements for recording on magnetic tape.

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BSR INCITS 215-1994 (R200x), Information technology - Program Language Forth (reaffirmation of ANSI INCITS 215-1994 (R2001))

This standard specifies an interface between a Forth System and a Forth Program by defining the words provided by a Standard System.

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BSR INCITS 223-1995 (R200x), Information technology - Data Compression Algorithm - Adaptive coding with Embedded Dictionary (DCLZ Algorithm) for Information Interchange (reaffirmation of ANSI INCITS 223-1995 (R2001))

This standard 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.

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BSR INCITS 227-1996 (R200x), Information technology - Recorded Tape Mini-Cartridge for Information Interchange - Serial, 0.250 in (6.30mm) 20 Tracks, 10 000 bpi (394 bpmm) and 28-Track, 14 700 bpi (579 bpmm), MFM Encoded (reaffirmation of ANSI INCITS 227-1996 (R2001))

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 recording on magnetic tape and the volume and file structure to be used for the interchange of information between users of information processing systems.

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BSR INCITS 237-1995 (R200x), Information technology - Fiber Distributed Data Interface (FDDI) Low-Cost Fiber Physical Layer - Medium Dependent (LCF-PMD) (reaffirmation of ANSI INCITS 237-1995 (R2001))

This standard specifies requirements for the Fibre Distributed Data Interface (FDDI) - Token ring low-cost fibre physical layer medium dependent (LCF-PMD).FDDI provides a high-bandwidth (100 Mbit/s), general-purpose interconnection among computers and peripheral equipment using fibre optics as the primary transmission medium.

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BSR INCITS 243-1996 (R200x), Information technology - Serial Magnetic Tape Cartridge for Information Interchange, 26 Tracks, 0.250 in (6.35 mm), 16 000 bpi (630 bpmm), Streaming Mode, Group Code Recording (reaffirmation of ANSI INCITS 243-1996 (R2001))

This standard 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. This standard refers solely to recording on magnetic tape.

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BSR INCITS 245-1995 (R200x), Information technology - Abstract Test Suite for FDDI Media Access Control Conformance Testing (FDDI MAC ATS) (reaffirmation of ANSI INCITS 245-1995 (R2001))

Contains the abstract test suite for the Fiber Distributed Data Interface (FDDI) token ring Media Access Control (MAC) layer protocol. This test suite was developed based on the principles defined in OSI Conformance Testing Methodology and Framework (ISO 9646) and written in Tree and Tabular Combined Notation (TTCN), and intended for testing conformance to the MAC standard (ISO 9314-2: 1989) of any FDDI stations.

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BSR INCITS 248-1996 (R200x), Information technology - Abstract Test Suite for FDDI Physical Layer Protocol Conformance Testing (FDDI PHY ATS) (reaffirmation of ANSI INCITS 248-1996 (R2001))

This standard defines a conformance test of the PHY functions in a path through an FDDI node.

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BSR INCITS 250-1996 (R200x), Information technology - Recorded Magnetic Tape Mini-Cartridge for Information Interchange, 0.250 in (630 mm) 12 and 24 Track, 10000 bpi (394 bpmm) GCR (reaffirmation of ANSI INCITS 250-1996 (R2001))

This standard 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.

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BSR INCITS 255-1996 (R200x), Information technology - Abstract Test Suite for FDDI Physical Medium Dependent Conformance Testing (FDDI PMD ATS) (reaffirmation of ANSI INCITS 255-1996 (R2001))

International Standard ISO 9314-3:1990 [ANSI INCITS 166-1989 (R1995)]) Fibre Distributed Data Interface (FDDI) - Physical Layer Medium Dependent (PMD), specifies the requirements for the optical input/output port of FDDI stations as well as for cable plants. The intention of ISO 9314-3 [ANSI INCITS 166-1989 (R1995)] is that, when conforming stations are connected to each other through a conforming cable plant, the bit error rate for a station to station link will not exceed 2,5 x 10 - 10. This standard specifies a series of tests that verify the conformance of FDDI stations to the requirements of ISO 9314-3 [ANSI INCITS 166-1989 (R1995)].

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BSR INCITS 261-1996 (R200x), Information technology - Extended Magnetic Tape Format for Information Interchange 36-track, Parallel Serpentine, 12.65 mm (0.50 in), 1491 cpmm (37 871 cpi) Group-Coded Recording (reaffirmation of ANSI INCITS 261-1996 (R2001))

This standard 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 INCITS 264-1996 (R200x), Information technology - Unrecorded Helical Scan Digital Computer Tape Cartridge for Information Interchange, 19 mm (0.748 in) Type D-1 (reaffirmation of ANSI INCITS 264-1996 (R2001))

This standard provides the unrecorded requirements for a computer tape cassette to be used for information interchange between information processing systems. Such a cassette is comprised of two parts:
- a case to provide protection from contaminants and human handling and to facilitate loading/unloading of the cassette by a drive; and
- a magnetic tape of 19 mm (0.748 in) nominal width held inside the case on twin hubs.

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BSR INCITS 265-1995 (R200x), Information technology - Unrecorded Magnetic Tape Cartridge for Information Interchange, 36-Track, Parallel Serpentine, Extended Length, 12.57 mm (0.495 in), 1944 ftpmm (49 378 ftpi), Group-Coded Recording (reaffirmation of ANSI INCITS 265-1995 (R2001))

This standard provides the requirements for an unrecorded tape cartridge to be used for information interchange among information-processing systems. Such a cartridge comprises two parts:
- a case to provide protection of the media from contaminants and human handling, and to facilitate loading and unloading of the cartridge by the drive; and
- a magnetic tape of 12.573 mm (0.495 in) width held inside the case on a reel. The tape shall be transported on the reel for digital recording at a physical density of 1944 ftpmm (49 378 ftpi).

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BSR INCITS 266-1996 (R200x), Information technology - Magnetic Tape Cartridge for Information Interchange, 0.50 in (12.65 mm), Serial Serpentine, 112-Track, 42 500 bpi (1673 bpmm), DLT2 Format (reaffirmation of ANSI INCITS 266-1996 (R2001))

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 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 INCITS 267-1996 (R200x), Helical-Scan Digital Computer Tape Cartridge, 12.65 mm (0.498 in) for Information Interchange (reaffirmation of ANSI INCITS 267-1996 (R2001))

This standard 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, utilize 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.

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BSR INCITS 280-1996 (R200x), Information technology - Data Compression Algorithm Adaptive Lossless Data Compression (ALDC), Algorithm for Information Interchange (reaffirmation of ANSI INCITS 280-1996 (R2001))

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 algorithm has been assigned ISO algorithm identifier numbers as follows:
History Buffer Size;
512-Byte;
1024-Byte;
2048-Byte;
Algorithm id number:
3
4
5

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BSR INCITS 282-1996 (R200x), Information technology - Magnetic Tape Cartridge for Information Interchange, 0.50 in (12.65 mm), Serial Serpentine, 128-Track, 62 500 bpi (2460 bpmm), DLT3 Format (reaffirmation of ANSI INCITS 282-1996 (R2001))

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 American National Standard for Informafion technology - File structure and labeling of magnetic tapes for information interchange, ANSI X3.27-1987 (R1993), will support data interchange between data-processing systems.

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BSR INCITS 344-2001 (R200x), Information Technology - 12.65 mm Wide Magnetic Tape Format for Information Interchange - Helical Scan Recording - Recorded Instrumentation Format (reaffirmation of ANSI INCITS 344-2001)

This standard establishes the format of information on 12.65 mm instrumentation magnetic tape cassettes. It specifies the dimensions and locations of helical data and control tracks. It defines the format and recording requirements of the data blocks forming the helical data track containing digital instrumentation and other associated data, and specifies the content, format, and recording method for the control track.

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BSR INCITS 345-2001 (R200x), Information technology - Magnetic Tape Cartridge for Information Interchange, 0.5 in (12.65 mm) Serial Serpentine, 208-Track, 98 250 (3868 BPMM), DLT 6 Format (reaffirmation of ANSI INCITS 345-2001)

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 American National Standard for Information systems - File structure and labeling of magnetic tapes for information interchange, ANSI X3.27-1987 (R1993) or later editions, will support data interchange between data-processing systems.

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BSR/ISO/IEC 7811-2-2001 (R200x), Identification Cards - Recording technique - Part 2: Magnetic stripe - Low coercivity (reaffirmation of ANSI/ISO/IEC 7811-2-2001)

This part of ISO/IEC 7811 is one of a series of standards describing the characteristics for identification cards as defined in the definitions clause and the use of such cards for international interchange. This part of ISO/IEC 7811 specifies requirements for a low coercivity magnetic stripe (including any protective overlay) on an identification card, the encoding technique and coded character sets. It takes into consideration both human and machine aspects and states minimum requirements.

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BSR/ISO/IEC 7812-1-1993 (R200x), Identification cards - Identification of issuers - Part 1: Numbering system (reaffirmation of ANSI/ISO/IEC 7812-1-1993)

This part of ISO/IEC 7812 specifies a numbering system for the identification of issuers of identification cards used in international and/or inter-industry interchange.

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BSR/ISO/IEC 7812-2-1993 (R200x), Identification cards - Identification of issuers - Part 2: Application and registration procedures (reaffirmation of ANSI/ISO/IEC 7812-2-1993)

This part of ISO/IEC 7812 describes the application and registration procedures for numbers issued in accordance with ISO/IEC 7812-1. ISO/IEC 7812-1 specifies the numbering system for the identification of issuers of identification cards used in international and/or inter-industry interchange.

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BSR/ISO/IEC 11571-1994 (R200x), Information technology - Telecommuications and Information Exchange between Systems - Private Integrated Services Networks - Addressing (reaffirmation of ANSI/ISO/IEC 11571-1994)

This International Standard defines the requirements for the handling of network addresses for the identification of entities that use/provide telecommunications services offered by Private integrated Services Networks (PISNs). This International Standard covers numbering, including the requirements for the support of a Private Numbering Plan, and the support of subaddressing.

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INCITS/ISO/IEC 7811-6-2001 (R200x), Identification Cards - Recording technique - Part 6: Magnetic stripe - High coercivity (reaffirmation of INCITS/ISO/IEC 7811-6-2001)

This part of ISO/IEC 7811 is one of a series of standards describing the characteristics for identification cards as defined in the definitions clause and the use of such cards for international interchange. This part of ISO/IEC 7811 specifies requirements for a high coercivity magnetic stripe (including any protective overlay) on an identification card, the encoding technique and coded character sets. It takes into consideration both human and machine aspects and states minimum requirements.

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INCITS/ISO/IEC 7813-2001 (R200x), Identification cards - Financial transaction cards (reaffirmation of INCITS/ISO/IEC 7813-2001)

This International Standard specifies the physical characteristics, data structure and data content of ID-1 type cards used in financial transactions. It takes into consideration both human and machine aspects and states minimum requirements of conformity. It references layout, recording techniques, numbering systems, registration procedures, but not security requirements.

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INCITS/ISO/IEC 9293-1994 (R200x), Diskette Labels and File Structrue for Information Interchange (reaffirmation of INCITS/ISO/IEC 9293-1994 (R2001))

This International Standard 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.

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INCITS/ISO/IEC 10118-2-1994 (R200x), Information Technology - Security Techniques - Hash-Functions - Part 2: Hash-Functions using an N-Bit Block Cipher Algorithm (reaffirmation of INCITS/ISO/IEC 10118-2-1994)

This part of ISO/IEC 10118 specifies hash-functions which make use of an n-bit block cipher algorithm. They are therefore suitable for an environment in which such an algorithm is already implemented.

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INCITS/ISO/IEC 10373-3-2001 (R200x), Identification cards - Test methods - Part 3: Integrated circuit cards (reaffirmation of INCITS/ISO/IEC 10373-3-2001)

This part of ISO/IEC 10373 defines test methods for characteristics of integrated circuit(s) cards with contacts and related interface devices according to the definition given in ISO/IEC 7816. 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 in identification card applications.

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INCITS/ISO/IEC 10373-6-2001 (R200x), Identification cards - Test methods - Part 6: Proximity cards (reaffirmation of INCITS/ISO/IEC 10373-6-2001)

This International 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 in identification cards applications.

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INCITS/ISO/IEC 10373-7-2001 (R200x), Identification cards - Test methods - Part 7: Vicinity cards (reaffirmation of INCITS/ISO/IEC 10373-7-2001)

This International 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 in identification cards applications.

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INCITS/ISO/IEC 11579-1-1994-TC1-1996 (R200x), Information technology - Telecommunications and Information Exchange between Systems - Private Services Network - Part 1: Reference Configuration for PISN Exchanges (PINX) Technical Corrigendum 1 (reaffirmation of INCITS/ISO/IEC 11579-1-1994-TC1-1996)

This part of ISO/IEC 11579 specifies a reference configuration (RC) for private integrated services network exchanges (PINX) for their interconnection to form private integrated services networks (PISN). The configuration is not intended to require any specific implementation of a PINX, but only to provide guidance for the specification of PINX capabilities. This RC is sufficient to support ISDN-like applications. It can be extended to also support non-ISDN-like applications. This RC describes a conceptual PINX. By combining multiple PlNXs to a private integrated services network the RC becomes applicable to a PISN.

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INCITS/ISO/IEC 11581-6-1999 (R200x), Information technology - User system interfaces and symbold - Icon symbols and functions - Part 6: Action icons (reaffirmation of INCITS/ISO/IEC 11581-6-1999)

ISO/IEC 11581 applies to icons that are shown on a screen, that users can manipulate and interact with, and that represent data or computer system functions. This part of ISO/IEC 11581 addresses only action icons. Action icons represent actions by association with objects that prompt the user to recall the intended actions. This part of ISO/IEC 11581 describes user interaction with and appearance of action icons on the screen. Other types of icons are covered in other parts of the standard, listed in the Foreword.

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INCITS/ISO/IEC 11694-1-2000 (R200x), Identification cards - Optical memory cards - Linear recording method - Part 3: Optical properties and characteristics (reaffirmation of INCITS/ISO/IEC 11694-1-2000 (R2005))

This part of ISO/IEC 11694 specifies the optical properties and characteristics of optical memory cards using the linear recording method.

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INCITS/ISO/IEC 11770-3-1999 (R200x), Information Technology - Security Techniques - Key Management - Part 3: Mechanisms Using Asymmetric Techniques (reaffirmation of INCITS/ISO/IEC 11770-3-1999)

Defines key management mechanisms based on asymmetric cryptographic techniques.

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INCITS/ISO/IEC 14443-2-2001 (R200x), Identification cards - Contactless Integrated Circuit Cards (CICCs) - Proximity integrated circuit(s) cards - Part 2: Radio frequency interface (reaffirmation of INCITS/ISO/IEC 14443-2-2001)

This part of ISO/IEC 14443 specifies the characteristics of the fields to be provided for power and bi-directional communication between proximity coupling devices (PCDs) and proximity cards (PICCs). This part of ISO/IEC 14443 is intended to be used in conjunction with other parts of ISO/IEC 14443.

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INCITS/ISO/IEC 14443-3-2001 (R200x), Identification cards - Contactless Integrated Circuit Cards (CICCs) - Proximity integrated circuit(s) cards - Part 3: Transmission protocols (reaffirmation of INCITS/ISO/IEC 14443-3-2001)

This part of ISO/IEC 14443 describes:
- polling for proximity cards (PICCs) entering the field of a proximity coupling device (PCD);
- the byte format, the frames and timing used during the initial phase of communication between PCDs and PICCs;
- the initial Request and Answer to Request command content;
- methods to detect and communicate with one PICC among several PICCs (anticollision);
- other parameters required to initialize communications between a PICC and PCD; and
- optional means to ease and speed up the selection of one PICC among several PICCs based on application criteria.

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INCITS/ISO/IEC 14443-4-2001 (R200x), Identification cards - Contactless integrated circuit(s) cards - Proximity cards - Part 4: Transmission protocol (reaffirmation of INCITS/ISO/IEC 14443-4-2001)

This part of ISO/IEC 14443 specifies a half-duplex block transmission protocol featuring the special needs of a contactless environment and defines the activation and deactivation sequence of the protocol. This part of ISO/IEC 14443 is intended to be used in conjunction with other parts of ISO/IEC 14443 and is applicable to proximity cards of Type A and Type B.

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INCITS/ISO/IEC 15693-1-2000 (R200x), Identification cards - Contactless Integrated Circuit Cards (CICCs) - Vicinity cards - Part 1: Physical characteristics (reaffirmation of INCITS/ISO/IEC 15693-1-2000)

This part of ISO/IEC 15693 specifies the physical characteristics of vicinity cards (VICC). It applies to identification cards of the card type ID-1 operating in vicinity of a coupling device. This part of ISO/IEC 15693 shall be used in conjunction with later parts of ISO/IEC 15693.

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INCITS/ISO/IEC 15693-2-2000 (R200x), Identification cards - Contactless integrated circuit(s) cards - Vicinity cards - Part 2: Air interface and initialisation (reaffirmation of INCITS/ISO/IEC 15693-2-2000)

This part of ISO/IEC 15693 specifies the nature and characteristics of the fields to be provided for power and bidirectional communications between vicinity coupling devices (VCDs) and vicinity cards (VICCs).

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INCITS/ISO/IEC 15693-3-2001 (R200x), Identification cards - Contactless integrated circuit(s) cards - Vicinity cards - Part 3: Anticollision and transmission protocol (reaffirmation of INCITS/ISO/IEC 15693-3-2001)

This part of ISO/IEC 15693 describes:
- protocol and commands;
- other parameters required to initialize communications between a VICC and a VCD;
- methods to detect and communicate with one card among several cards ("anticollision"); and
- optional means to ease and speed up the selection of one among several cards based on application criteria.

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INCITS/ISO/IEC 17462-2000 (R200x), Information technology - 3,81 mm Wide Magnetic Tape Carrtridge for Information Interchange - Helical scan recording - DDS-4 Format (reaffirmation of INCITS/ISO/IEC 17462-2000)

This International Standard 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 - called Digital Data Storage 4 (DDS-4) - thereby allowing data interchange between drives by means of such magnetic tape cartridges.

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INCITS/ISO/IEC 18809-2000 (R200x), Information technology - 8 mm wide magnetic tape cartridge for information interchange - Helical scan recording - AIT-1 with MIC Format (reaffirmation of INCITS/ISO/IEC 18809-2000)

This International Standard specifies the physical and magnetic characteristics of an 8-mm-wide magnetic tape cartridge containing a memory chip to enable physical interchange of such cartridges between drives. It also specifies the quality of the recorded signals, the recording method and the recorded format - called Advanced Intelligent Tape No. 1 with Memory In Cartridge (AIT-1 with MIC) - thereby allowing data interchange between drives by means of such magnetic tape cartridges. The System Log is recorded in the MIC. This International Standard specifies two types of cartridge, depending on the thickness of the magnetic tape contained in the case.

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INCITS/ISO/IEC 18810-2001 (R200x), Information technology - 8 mm wide magnetic tape cartridge for information interchage - Helical scan recording - AIT-2 with MIC Format (reaffirmation of INCITS/ISO/IEC 18810-2001)

This International Standard specifies the physical and magnetic characteristics of an 8 mm wide magnetic tape cartridge containing a memory chip to enable physical interchange of such cartridges between drives. It also specifies the quality of the recorded signals, the recording method and the recorded format - called Advanced Intelligent Tape No.2 with Memory In Cartridge (AIT-2 with MIC) - thereby allowing data interchange between drives by means of such magnetic tape cartridges. The System Log are recorded in the MIC.

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INCITS/ISO/IEC 18836-2001 (R200x), Information technology - 8 mm wide magnetic tape cartridge for information interchange - Helical scan rcording - Mammoth Type-2 Format (reaffirmation of INCITS/ISO/IEC 18836-2001)

This International Standard specifies the physical and magnetic characteristics of an 8-mm-wide magnetic tape cartridge to enable physical interchange of such cartridges between drives. It also specifies the quality of the recorded signals, the recording method and the recorded format called Mammoth Tape-2, and thereby allowing data interchange between drives by means of such magnetic tape cartridges.

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UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 2267-200x, Standard for Safety for Fuel Cell Power Systems for Installation in Industrial Electric Trucks (new standard)

Revisions to the proposed first edition of the Standard for Fuel Cell Power Systems for Installation in Industrial Electric Trucks, UL 2267.

Single copy price: Contact comm2000 for pricing and delivery options

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Send comments (with copy to BSR) to: Susan Malohn, UL-IL; susan.p.malohn@us.ul.com

Revisions

BSR/UL 60950-1-200x, Information Technology Equipment - Safety - Part 1: General Requirements (revision of ANSI/UL 60950-1-2002)

Proposal to update requirements in UL 60950-1 for document (paper) shredders used in the home/home office including:

(a) new definitions of Household/Home Office and Commercial/ Industrial Document Shredders;
(b) new set of markings;
(c) required on/off switch;
(d) new implementation of the UL Articulated Accessibility Probe for assessing access to safety interlocks and potentially hazardous moving parts; and
(e) a new method of evaluating access through openings with spreading force applied via a new accessibility probe/wedge.

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Send comments (with copy to BSR) to: Barbara Davis, UL-CA, Barbara.J.Davis@us.ul.com

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AWWA (American Water Works Association)

Revisions

BSR/AWWA D115-200x, Tendon Prestressed Concrete Water Tanks (revision of ANSI/AWWA D115-1995)

This standard describes current and recommended practice for the design, construction, and field observations of concrete tanks using tendons for prestressing. This standard applies to containment structures for use with potable water, raw water, or wastewater.

Single copy price: $20.00

Order from: Jim Wailes, AWWA; jwailes@awwa.org

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EIA (Electronic Industries Alliance)

Revisions

★ BSR/EIA/ECA 364-32D-200x, Thermal Shock (Temperature Cycling) Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-32C-2000)

This test is conducted for the purpose of determing the resistance of a given electrical connector or socket to exposure at extremes of high and low temperatures and to the shock of alternate exposures to these extremes, simulating the worst probable conditions of storage, transportation and application.

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30 Day Notice of Withdrawal: ANS 5 to 10 years past approval date

In accordance with clause 4.7.1 Periodic Maintenance of American National Standards of the ANSI Essential Requirements, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

ANSI/IEEE 473-1985 (R1997), Radio Noise - Recommended Practice for an Electromagnetic Site Survey (10 kHz to 10 GHz)

ANSI/IEEE 622A-1984 (R1999), Heating Control and Alarm Systems for Power Generating Stations, Recommended Practice for the Design and Installation of Electric Pipe

ANSI/IEEE 622B-1988 (R2000), Recommended Practice for Testing and Startup Procedures for Electric Heat Tracing Systems for Power Generating Stations

ANSI/IEEE 803.1-1992 (R2000), Recommended Practice for Unique Identification in Power Plants and Related Facilities - Component Function Identifiers

ANSI/IEEE 803-1983 (R1999), Unique Identification in Power Plants and Related Facilities, Principles and Definitions, Recommended Practice for

ANSI/IEEE 804-1983 (R2000), Recommended Practice for Implementation of Unique Identification System in Power Plants and Related Facilities

ANSI/IEEE 805-1984 (R2000), System Identification in Nuclear Power Plants and Related Facilities, Recommended Practice

ANSI/IEEE 929-2000, Recommended Practice for Utility Interface of Residential and Intermediate Photovoltaic (PV) Systems

ANSI/IEEE 1046-1992 (R1996), Guide for Distributed Digital Control and Monitoring for Power Plants

ANSI/IEEE 1284.3-2000, Standard for Interface and Protocol Extensions to IEEE Std 1284 Compliant Peripherals and Host Adapters

ANSI/IEEE 1284.4-2000, Standard for Data Delivery and Logical Channels for IEEE Std 1284 Interfaces

ANSI/IEEE 1333-1994 (R2000), Guide for Installation of Cable Using the Guided Boring Method

ANSI/IEEE 1388-2000, Standard for the Electronic Reporting of Transformer Test Data

ANSI/IEEE 1390.2-1999, Standard for Utility Telemetry Service - Telemetry Interface Unit (TIU) to Telephone Network

ANSI/IEEE 1390.3-1999, Automatic Meter Reading via Telephone - Network to Utility Controller

ANSI/IEEE 2003.1b-2000, Standard for Information Technology - Test Methods Specifications for Measuring Conformance to POSIX - Part 1: System Application Program Interface (API) - Amendment 1: Realtime Extension [C Language]

ANSI/IEEE 2003.1-1993 (R2000), Information Technology - Test Methods for Measuring Conformance to POSIX - System Interfaces

Notice of Withdrawal: ANS at least 10 years past approval date

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

ANSI/CEA 636-1996, Recommended Loudspeaker Safety Practices

ANSI/IEEE 944-1986 (R1996), Uninterruptible Power Supplies for Power Generating Stations, Recommended Practice for the Application and Testing of

ANSI/IEEE 1069-1991 (R1996), Precipitator and Baghouse Hopper Heating Systems, Recommended Practice for

ANSI/IEEE 1390-1995, Standard for Utility Telemetry Service Architecture for Switched Telephone Network

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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Downers Grove, IL 60515
Web: www.comm-2000.com

Global Engineering Documents
Global Engineering Documents
15 Inverness Way East
Englewood, CO 80112-5704
Phone: (800) 854-7179
Fax: (303) 379-2740

Send comments to:

ADA
American Dental Association
211 East Chicago Avenue
Chicago, IL 60611-2678
Phone: (312) 440-2509
Fax: (312) 440-2529

ASQ (ASC Z1)
American Society for Quality
PO Box 3005
600 N. Plankinton Ave
Milwaukee, WI 53203
Phone: (800) 248-1946
Web: standardsgroup.asq.org

AWS
American Welding Society
550 N.W. LeJeune Road
Miami, FL 33126
Phone: (305) 443 9353 Ext. 466
(800) 443 9353 Ext. 466
Fax: (305) 443-5951
Web: www.aws.org

AWWA
American Water Works Association
6666 West Quincy Avenue
Denver, CO 80235
Phone: (303) 347-6177
Fax: (303) 795-7603
Web: www.awwa.org/asp/default.asp

EIA
Electronic Industries Alliance
2500 Wilson Blvd., Suite 300
Arlington, VA 22201-3834
Phone: (703) 907-8026
Fax: (703) 907-7549
Web: www.eia.org

ITI (INCITS)
INCITS Secretariat/ITI
1250 Eye Street, NW
Suite 200
Washington, DC 20005-3922
Phone: (202) 626-5741
Fax: (202) 638-4922
Web: www.incits.org

UL-CA
Underwriters Laboratories
455 E Trimble Road
San Jose, CA 95131-1230
Phone: (408) 754-6500
Fax: (408) 689-6500

UL-IL
Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-1725
Fax: (847) 407-1725

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.

ASME (American Society of Mechanical Engineers)

Reaffirmations

ANSI/ASME B18.2.3.4M-2001 (R2006), Metric Hex Flange Screws (reaffirmation of ANSI/ASME B18.2.3.4M-2001): 2/24/2006

ANSI/ASME B18.2.3.5M-1979 (R2006), Metric Hex Bolts (reaffirmation of ANSI/ASME B18.2.3.5M-1979 (R2001)): 2/24/2006

ANSI/ASME B18.2.3.6M-1979 (R2006), Metric Heavy Hex Bolts (reaffirmation of ANSI/ASME B18.2.3.6M-1979 (R2001)): 2/24/2006

ANSI/ASME B18.2.3.7M-1979 (R2006), Metric Heavy Hex Structural Bolts (reaffirmation of ANSI/ASME B18.2.3.7M-1979 (R2001)): 2/24/2006

ANSI/ASME B18.2.3.9M-2001 (R2006), Metric Heavy Hex Flange Screws (reaffirmation of ANSI/ASME B18.2.3.9M-2001): 2/24/2006

Revisions

ANSI/ASME B18.2.6-2006, Fasteners for Use in Structural Applications (revision of ANSI/ASME B18.2.6-1996 (R2004)): 2/24/2006

Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers (ASD) of the initiation and scope of activities expected to result in new or revised American National Standards (ANS). Early notification of activity intended to reaffirm or withdraw an ANS and in some instances a PINS related to a national adoption is optional. The mechanism by which such notification is given is referred to as the PINS process. For additional information, see clause 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards.

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. To view information about additional standards for which a PINS has been submitted and to search approved ANS, please visit www.NSSN.org, which is a database of standards information. Note that this database is not exhaustive.

Directly and materially affected interests wishing to receive more information or to submit comments are requested to contact the standards developer directly within 30 days of the publication of this announcement.

ACCA (Air Conditioning Contractors of America)

Office: 2800 Shirlington Road Suite 300
Arlington, VA 22206

Contact: *Dick Shaw*

Fax: (231) 854-1488

E-mail: dick.shaw@acca.org

BSR/ACCA 5 QC/QI-200x, HVAC Quality Installation Specification (new standard)

Stakeholders: HVAC contractors, their support staff and technicians, residential and commercial building owners /operators.

Project Need: To establish minimum criteria to assist contractors in installing HVAC systems that meet customer demands for energy efficiency, comfort, and IAQ in residential and commercial buildings.

Establishes minimum attributes and specification elements on:
(1) Quality contractors (which includes business prerequisites, contract or business practices, adequate sales and technician support, and achieving customer satisfaction);
(2) Quality Installation (which includes design and equipment selection aspects, equipment installation aspects, distribution aspects and system documentation/owner education).
These elements identify practices that lead to a quality HVAC installation in residential and commercial buildings.

API (American Petroleum Institute)

Office: 1220 L Street, N.W.
Washington, DC 20005

Contact: *Carriann Kuryla*

Fax: (202) 962-4797

E-mail: kurylac@api.org

BSR/API RP 13J/ISO 13503-3, 4th Edition-200x, Testing of Heavy Brines (identical national adoption)

Stakeholders: Drilling fluid engineers and technologists.

Project Need: To update information provided by the past edition of Testing for Heavy Brines.

Covers the physical properties, potential contaminants and test procedures for heavy brine fluids manufactured for use in oil and gas well drilling, completion and workover fluids.

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

Office: 1791 Tullie Circle NE
Atlanta, GA 30329

Contact: *Stephanie Reiniche*

E-mail: sreiniche@ashrae.org

BSR/ASHRAE 190P-200x, Method of Testing for Rating Indoor Pool Dehumidifiers for Moisture (new standard)

Stakeholders: Hotel Industry.

Project Need: The purpose of this standard is to prescribe test methods for determining the moisture removal performance and efficiency for indoor pool dehumidifiers.

For purposes of this standard, Indoor Pool Dehumidifiers are defined as equipment to provide the function of dehumidifying, air circulation, air reheating and may include the function of air cooling, air filtration, pool water heating, and air-to-air heat recovery.

ASME (American Society of Mechanical Engineers)

Office: 3 Park Avenue, 20th Floor (20N2)
New York, NY 10016

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ANSIBOX@asme.org

BSR/ASME A112.18.1-200x/CSA B125.1-200x, Plumbing Fixture Fittings (supplement to ASME A112.18.1-2005/CSA B125.1-2005)

Stakeholders: Manufacturers of plumbing fixture fittings and installers and users of such devices.

Project Need: Provides Amendment FT-05-01 (Definition of operating control), Amendment FT-05-02 (Lawn and sediment faucets), and Amendment FT-05-19 (Update reference to ASSE 1019-2004).

This Standard applies to plumbing supply fittings and accessories located between the supply line stop and the terminal fitting, inclusive, as follows:
(a) automatic compensating valves for individual wall-mounted showering systems;
(b) bath and shower supply fittings;
(c) bidet supply fittings;
(d) clothes washer supply fittings;
(e) drinking fountain supply fittings;
(f) humidifier supply stops;
(g) kitchen,sink,and lavatory supply fittings;
(h) laundry tub supply fittings;
(i) lawn and sediment faucets;
(j) metering and self-closing supply fittings; and
(k) supply stops.

BSR/ASME A112.18.2/CSA B125.2-200x, Plumbing Fixture Waste Fittings (supplement to ANSI/ASME A112.18.2/CSA B125.2-2005)

Stakeholders: Manufacturers of plumbing fixture waste fittings and installers and users of such devices.

Project Need: Provides Amendment FT-05-08 (Inking procedure for detection of cracks).

This Standard applies to plumbing waste fittings NPS-2 and smaller.

ATIS (Alliance for Telecommunications Industry Solutions)

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

Contact: *Susan Carioti*

Fax: (202) 347-7125

E-mail: scarioti@atis.org; acolon@atis.org

BSR ATIS 0100005-200x, Auditory Non-Intrusive Quality Estimation Plus (ANIQUE+): Perceptual Model for Non-Intrusive Estimation of Narrowband Speech Quality (new standard)

Stakeholders: Telecom Industry, and Information Technology.

Project Need: The need to measure speech quality of in-service networks without reference signals.

The objective speech quality estimated by the Auditory Non-Intrusive Quality Estimation Plus (ANIQUE+) model of this American National Standard (ANS) is the subjective quality of telephone band speech.

AWWA (American Water Works Association)

Office: 6666 West Quincy Avenue
Denver, CO 80235

Contact: *Jim Wailes*

Fax: (303) 795-7603

E-mail: jwailes@awwa.org

BSR/AWWA D14X-200x, Conventionally Reinforced, Cast-In-Place, Concrete Water Storage Tanks (new standard)

Stakeholders: Drinking water treatment and supply industry, water utilities, and consulting engineers.

Project Need: To provide the minimum requirements for cast-in-place, steel-reinforced, water storage tanks, including design, system components, workmanship, and installation.

This standard addresses current and recommended practices for the design, construction, and field observation for cast-in-place conventionally reinforced concrete tanks.

EIA (Electronic Industries Alliance)

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

Contact: *Cecelia Yates*

Fax: (703) 907-7549

E-mail: cyates@ecaus.org

BSR/EIA 364-13C-200x, Mating and Unmating Forces Test Procedure for Electrical Connectors (revision of ANSI/EIA 364-13B-1998)

Stakeholders: Electrical, electronics and telecommunications

Project Need: To add a second method identified as Method B that basically specifies that the forces be measured with a specified gage or fixture.

Establishes a method to determine the forces required to mate and unmate electrical connectors or protective caps with connectors, connectors/sockets with gages or devices.

GICC (ASC Z97) (Glazing Industry Secretariat Committee)

Office: 730 Worcester Street
Springfield, MA 01151

Contact: *Julie Schimmelpenningh*

Fax: (508) 861-0127

E-mail: JCSCHI@Solutia.com

BSR Z97.1-200x, Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test (revision of ANSI Z97.1-2004)

Stakeholders: Consumers, glazing and fenestration industry.

Project Need: To update the standard.

This standard establishes the specifications and methods of test for the safety properties of safety glazing materials (glazing materials designed to promote safety and to reduce or minimize the likelihood of cutting and piercing injuries when the glazing materials are broken by human contact) as used for all building and architectural purposes.

IAF (International Aquatic Foundation)

Office: 2111 Eisenhower Avenue
Alexandria, VA 22314

Contact: *Jeanette Smith*

Fax: (703) 549-0493

E-mail: jsmith@theapsp.org

BSR/IAF 5-200x, Standard for Residential Inground Swimming Pools (revision and redesignation of ANSI/NSPI 5-2003)

Stakeholders: Builders, Installers, Government Officials, Consumers.

Project Need: 5-Year Review

This standard applies to permanently installed residential inground swimming pools intended for noncommercial use. The standard covers new construction and rehabilitation and includes design, equipment, operation, and installation.

NPES (ASC CGATS) (Association for Suppliers of Printing, Publishing and Converting Technologies)

Office: 1899 Preston White Drive
Reston, VA 20191

Contact: *Mary Abbott*

Fax: (703) 620-0994

E-mail: mabbott@npes.org

BSR CGATS.9-200x, Graphic technology - Graphic arts transmission densitometry - Terminology, equations, image elements and procedures (revision of ANSI CGATS.9-2005)

Stakeholders: Users of transmission densitometry in the measurement and communication of color image data.

Project Need: To provide minor revision to modify contents to harmonize with other related standards.

This standard defines terminology, equations, process control elements, and procedures for measurement and communication of transmission densitometry data for graphic arts halftone images.

SCTE (Society of Cable Telecommunications Engineers)

Office: 140 Phillips Road
Exton, PA 19341

Contact: *Robin Fenton*

E-mail: rfenton@scte.org

BSR/SCTE DVS 721-200x, Client-based Advertising - Inband Signaling (new standard)

Stakeholders: Cable Telecommunications.

Project Need: Defines a protocol for sending inband trigger messages to digital TV receivers.

This standard defines a protocol for sending inband trigger messages to digital TV receivers for the purpose of inserting addressable commercials at the receiver. This is a highly time-critical protocol that allows implementation across a wide variety of legacy and future digital TV receivers (including: base receivers, advanced receivers, receivers with Digital Video Recording capabilities, etc.).

BSR/SCTE DVS 722-200x, Client-based Advertising - Command & Control (new standard)

Stakeholders: Cable Telecommunications.

Project Need: Defines a protocol for managing non-realtime aspects of digital TV receivers.

This defines a protocol for managing non-realtime aspects of digital TV receivers as it relates to insertion of addressable commercials at the receiver. This protocol (typically Out-Of-Band, although it can also partly be implemented In-Band) covers aspects such as: sending demographic information to digital TV receivers, downloading commercials onto hard disks of receivers with DVR capabilities, collecting reporting information from the receivers.

BSR/SCTE IPS TP 253-200x, Test Method for Withstand Tightening Torque - 'F' Female (new standard)

Stakeholders: Cable Telecommunications Industry.

Project Need: Measure the "F" Female interface torque.

Measure the 'F' Female interface torque to determine the amount of torque that will cause one or more of the following conditions to occur:
- Stripping of the external threads;
- Damage to the female interface.

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, IL 60062

Contact: *Megan VanHeirseele*

Fax: 847-313-2881

E-mail: Megan.M.VanHeirseele@us.ul.com

BSR/UL 2238-200x, Cable Assemblies and Fittings for Remote Control, Signaling and Power Circuits (new standard)

Stakeholders: Manufacturers of cable assemblies and fittings.

Project Need: To publish a new American National Standard.

These requirements cover devices intended for interconnection of equipment, sensors, and actuators in remote-control, signaling, and power circuits. Included are cable assemblies and fittings, feeder-tap cable systems, feed-through connectors, multi-outlet fittings, panel-mount fittings, and splitters. These devices are not intended for disconnect means. These devices are rated not more than 60 A and not more than 1000 V.

American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provide two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.7.1) and continuous maintenance (see clause 4.7.2). 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 the procedures contained in the ANSI Essential Requirements.
>
> 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
> - 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 Internet Resources, click on "Standards Information," and see "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at http://public.ansi.org/ansionline/Documents/Standards%20Activities/American%20National%20Standards/Procedures,%20Guides,%20and%20Forms/.
>
> 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

ISO Drafts can be made available via ANSI's ESS "on-demand" service. Please e-mail your request for an Iso Draft to Customer Service at sales@ansi.org. The document will be posted to the ESS within 3 working days of the request. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

ACOUSTICS (TC 43)

ISO/DIS 3382-2, Acoustics - Measurement of room acoustic parameters - Part 2: Reverberation time in ordinary rooms - 6/3/2006, $71.00

ISO/DIS 5130, Acoustics - Measurements of sound pressure level emitted by stationary road vehicles - 6/2/2006, $71.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 8589, Sensory analysis - General guidance for the design of test rooms - 6/1/2006, $67.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO/DIS 13700, Machine performance studies - Measured data - Discrete parts - 6/1/2006, $82.00

BUILDING ENVIRONMENT DESIGN (TC 205)

ISO/DIS 16818, Building environment design - Energy efficiency - Terminology - 6/2/2006, $102.00

DOCUMENT IMAGING APPLICATIONS (TC 171)

ISO/DIS 22938, Document management - Electronic content/document management data interchange format - 6/3/2006, $53.00

ISO/DIS 24537, Micrographics - Dimensions for reels used for 16 mm and 35 mm microfilm - 6/3/2006, $46.00

ESSENTIAL OILS (TC 54)

ISO/DIS 19332, Oil of blue chamomile (Chamomilla recutita (L.) Rauschert syn. Matricaria chamomilla auct.) - 6/9/2006, $53.00

FIRE SAFETY (TC 92)

ISO/DIS 14697, Reaction to fire tests - Guidance on the choice of substrates for building and transport products - 6/2/2006, $46.00

GAS CYLINDERS (TC 58)

ISO 15996/DAmd1, Gas cylinders - Residual pressure valves - General requirements and type testing - Amendment 1 - 6/1/2006, $29.00

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 21536, Non-active surgical implants - Joint replacement implants - Specific requirements for knee-joint replacement implants - 6/9/2006, $46.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 10303-219, Industrial automation system - Product data representation and exchange - Part 219: Dimensional inspection information exchange - 6/8/2006, $350.00

ISO/DIS 10303-28, Industrial automation systems and integration - Product data representation and exchange - Part 28: Implementation methods: XML representations of EXPRESS schemas and data - 5/28/2006, $245.00

LABORATORY GLASSWARE AND RELATED APPARATUS (TC 48)

ISO/DIS 835, Laboratory glassware - Graduated pipettes - 6/3/2006, $58.00

NATURAL GAS (TC 193)

ISO/DIS 6326-1, Natural gas - Determination of sulfur compounds - Part 1: General introduction - 6/1/2006, $46.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 10110-12, Optics and photonics - Preparation of drawings for optical elements and systems - Part 12: Aspheric surfaces - 5/28/2006, $62.00

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

ISO/DIS 10928, Plastics piping systems - Glass-reinforced thermosetting plastics (GRP) pipes and fittings - Methods for regression analysis and their use - 6/2/2006, $93.00

ISO 18553/DAmd1, Method for the assessment of the degree of pigment or carbon black dispersion in polyolefin pipes, fittings and compounds - Amendment 1 - 6/2/2006, $29.00

PLASTICS (TC 61)

ISO/DIS 19252, Plastics - Determination of scratch properties - 6/8/2006, $62.00

ISO/DIS 19712-2, Plastics - Decorative solid surfacing materials - Part 2: Determination of properties - Sheet goods - 6/9/2006, $119.00

ISO/DIS 19712-3, Plastics - Decorative solid surfacing materials - Part 3: Determination of properties - Solid surface shapes - 6/9/2006, $112.00

ROAD VEHICLES (TC 22)

ISO/DIS 19072-1, Road vehicles - Connection interface for pyrotechnic devices, two-way and three-way connections - Part 1: Pocket interface definition - 6/8/2006, $46.00

ISO/DIS 19072-2, Road vehicles - Connection interface for pyrotechnic devices, two-way and three-way connections - Part 2: Test methods and general performances requirements - 6/8/2006, $82.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 3828, Shipbuilding and marine structures - Deck machinery - Vocabulary and symbols - 6/1/2006, $67.00

TIMBER STRUCTURES (TC 165)

ISO/DIS 12580, Timber structures - Glued laminated timber - Method of test for glue line delamination - 6/2/2006, $46.00

Newly Published ISO and IEC Standards

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

ISO Standards

FLUID POWER SYSTEMS (TC 131)

ISO 6149-1:2006, Connections for hydraulic fluid power and general use - Ports and stud ends with ISO 261 metric threads and O-ring sealing - Part 1: Ports with truncated housing for O-ring seal, $40.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO 13287:2006, Personal protective equipment - Footwear - Test method for slip resistance, $62.00

ROAD VEHICLES (TC 22)

ISO 13216-1/Amd1:2006, Road vehicles - Anchorages in vehicles and attachments to anchorages for child restraint systems - Part 1: Seat bight anchorages and attachments - Amendment 1: CRF reduced height specification, $13.00

SPORTS AND RECREATIONAL EQUIPMENT (TC 83)

ISO 13992:2006, Alpine touring ski-bindings - Requirements and test methods, $107.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 16149:2006, Agricultural irrigation equipment - PVC above-ground low-pressure pipe for surface irrigation - Specifications and test methods, $46.00

IEC Standards

ELECTRIC TRACTION EQUIPMENT (TC 9)

IEC 61377-1 Ed. 1.0 b:2006, Railway applications - Rolling stock - Part 1: Combined testing of inverter-fed alternating current motors and their control system, $83.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

IEC 60601-2-33 Amd.1 Ed. 2.0 b:2006, Amendment 1 - Medical electrical equipment - Part 2-33: Particular requirements for the safety of magnetic resonance equipment for medical diagnosis, $34.00

IEC 60601-2-33 Ed. 2.1 b:2006, Medical electrical equipment - Part 2-33: Particular requirements for the safety of magnetic resonance equipment for medical diagnosis, $199.00

IEC 60601-2-45 Ed. 2.0 b:2006, Medical electrical equipment - Part 2-45: Particular requirements for the safety of mammographic X-ray equipment and mammographic stereotactic devices, $124.00

ELECTRICAL INSTALLATIONS OF BUILDINGS (TC 64)

IEC 60364-6 Ed. 1.0 b:2006, Low-voltage electrical installations - Part 6: Verification, $124.00

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

IEC 60352-2 Ed. 2.0 b:2006, Solderless connections - Part 2: Crimped connections - General requirements, test methods and practical guidance, $141.00

IEC 61076-2-101 Amd.1 Ed. 1.0 b:2006, Amendment 1 - Connectors for electronic equipment - Part 2-101: Circular connectors - Detail specification for circular connectors M8 with screw- or snap-locking, M12 with screw-locking for low voltage applications, $31.00

FUEL CELL TECHNOLOGIES (TC 105)

IEC/PAS 62282-6-1 Ed. 1.0 en:2006, Fuel cell technologies - Part 6-1: Micro fuel cell power systems - Safety, $208.00

INDUSTRIAL ELECTROHEATING EQUIPMENT (TC 27)

IEC 61307 Ed. 2.0 b:2006, Industrial microwave heating installations - Test methods for the determination of power output, $34.00

NUCLEAR INSTRUMENTATION (TC 45)

IEC 62327 Ed. 1.0 b:2006, Radiation protection instrumentation - Hand-held instruments for the detection and identification of radionuclides and for the indication of ambient dose equivalent rate from photon radiation, $91.00

IEC 62372 Ed. 1.0 b:2006, Nuclear instrumentation - Housed scintillators - Measurement methods of light output and intrinsic resolution, $61.00

PERFORMANCE OF HOUSEHOLD ELECTRICAL APPLIANCES (TC 59)

IEC 60311 Ed. 4.1 en:2006, Electric irons for household or similar use - Methods for measuring performance, $124.00

IEC 60661 Ed. 2.2 b:2006, Methods for measuring the performance of electric household coffee makers, $61.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

IEC 60745-2-1 Ed. 2.0 b:2006, Hand-held motor-operated electric tools - Safety - Part 2-1: Particular requirements for drills and impact drills, $49.00

IEC 60745-2-3 Ed. 2.0 b:2006, Hand-held motor-operated electric tools - Safety - Part 2-3: Particular requirements for grinders, polishers and disk-type sanders, $108.00

IEC 60745-2-5 Ed. 3.0 b:2006, Hand-held motor-operated electric tools - Safety - Part 2-5: Particular requirements for circular saws, $91.00

SEMICONDUCTOR DEVICES (TC 47)

IEC 60747-1 Ed. 2.0 en:2006, Semiconductor devices - Part 1: General, $124.00

IEC 60747-5-4 Ed. 1.0 b:2006, Semiconductor devices - Discrete devices - Part 5-4: Optoelectronic devices - Semiconductor lasers, $91.00

IEC 62132-4 Ed. 1.0 b:2006, Integrated circuits - Measurement of electromagnetic immunity 150 kHz to 1 GHz - Part 4: Direct RF power injection method, $83.00

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 Member countries 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. In turn, the Secretariat disseminates the information to all WTO Members. The purpose of this requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology (NIST), distributes these proposed foreign technical regulations to U.S. stakeholders via an online service, Notify U.S. Notify U.S. is an e-mail and Web service that allows interested U.S. parties to register, obtain notifications, and read full texts of regulations from countries and for industry sectors of interest to them. To register for Notify U.S., please go to Internet URL: http://www.nist.gov/notifyus/ and click on “Subscribe”.

NCSCI is the WTO TBT Inquiry Point for the U.S. and receives all notifications and full texts of regulations to disseminate to U.S. Industry. For further information, please contact: NCSCI, NIST, 100 Bureau Drive, Gaithersburg, MD 20899-2160; Telephone: (301) 975-4040; Fax: (301) 926-1559; E-mail: ncsci@nist.gov or notifyus@nist.gov.

Information Concerning

American National Standards

Call for Members

Standards Technical Panel for Cable Assemblies and Fittings for Remote Control, Signaling and Power Circuits, STP 2238

Underwriters Laboratories Inc. announces a call for members for the Standards Technical Panel for Cable Assemblies and Fittings for Remote Control, Signaling and Power Circuits, STP 2238, which is charged with the task of developing and maintaining a consensus-based Standard in accordance with ANSI procedures. Individuals in the General Interest category (academia, scientists, trade associations, and professional societies) who are interested in becoming a member of this STP are asked to obtain a UL STP Application Form from: Megan VanHeirseele, Project Manager for STP 2238, Underwriters Laboratories Inc., 333 Pfingsten Road, Northbrook, IL 60062; PHONE: (847) 664-2881; FAX: (847) 313-2881; E-mail: Megan.M.VanHeirseele@us.ul.com.

Erratum

ANSI S3.44-1996, American National Standard Determination of Occupational Noise Exposure and Estimation of Noise-Induced Hearing Impairment

See Page 23 for a detailed description of the correction.

ANSI Accredited Standards Developers

Application for Accreditation

National Floor Safety Institute (NFSI)

Comment Deadline: April 3, 2006

The National Floor Safety Institute (NFSI) has submitted an Application for Accreditation as a Developer of American National Standards using its own organizational operating procedures. NFSI's proposed scope of accreditation is as follows:

> Safety standards intended to provide preventative measures in all manner of pedestrian ambulatory safety in regards to slips, trips and falls

To obtain a copy of NFSI's proposed operating procedures, or to offer comments, please contact: Mr. Russell Kendzior, President, National Floor Safety Institute, P.O. Box 92607, Southlake, TX 76092; PHONE: (817) 749-1705; FAX: (817) 749-1702; E-mail: russk@nfsi.org. Please submit your comments to NFSI by April 3, 2006, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (FAX: (212) 840-2298; E-mail: Jthompso@ANSI.org). As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of NFSI's proposed operating procedures from ANSI Online during the public review period at the following URL: http://public.ansi.org/ansionline/Documents/Standards%20Activities/Public%20Review%20and%20Comment/Accreditation%20Actions/.

U.S. Technical Advisory Groups

Transfer of TAG Administrator

ISO/TC 51 – Pallets for Unitload Method of Materials Handling

Comment Deadline: April 3, 2006

The U.S. TAG to ISO/TC 51 has voted to transfer TAG Administrator responsibilities from the American Society of Mechanical Engineers (ASME) to the Material Handling Industry (MHI). The TAG will continue to use the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures. To obtain more information or to offer comments, please contact: Dr. Michael Ogle, Director of Technical and Engineering Services, Material Handling Industry, 8720 Red Oak Blvd., Suite 201, Charlotte, NC 28217-3992; PHONE: (704) 676-1190; FAX: (704) 676-1199; E-mail: mogle@mhia.org Please submit comments to MHI by April 3, 2006 with a copy to the Recording Secretary, ExSC, at jthompso@ansi.org.

Meeting Notices

ANSI ASC A108

There will be a meeting of the ASC A108 at Coverings in Orlando, FL on Monday, April 3rd. It is scheduled to start at 8:00 am and to run until 1:00 pm at the Orange County Convention Center, where Coverings is held. The A108 Committee is expected to review the revised A108 Standard which is due to be published during the second quarter of 2006, and also to establish new work items for the Committee. If you are interested in attending or need additional information please feel free to contact Sharon Jones, Director of Research and Installation Standards at The Tile Council of North America – (864) 646.8453 or sjones@tileusa.com.

ANSI-Accredited U.S. TAG to ISO/TC 229 Nanotechnologies

The 6th meeting of the ANSI-Accredited U.S. TAG to ISO/TC 229 Nanotechnologies will take place on April 11-12, 2006, in Washington, D.C, location TBD. For additional information or to join the U.S. TAG, please contact Heather Benko (hbenko@ansi.org) at ANSI.

Erratum to

ANSI S3.44-1996 American National Standard Determination of Occupational Noise Exposure and Estimation of Noise-induced Hearing Impairment

ANSI S3.44-1996 contains the following error. It occurs on page 10 under Subclause 6.3, Equation (15).

The existing text is:

"6.3 Calculation of noise-induced permanent threshold shift, *N*

6.3.1 Calculation of $N_{0.50}$. The median potential noise-induced permanent threshold shift (NIPTS) values to be used in Sec. 5.1 are functions of audiometric frequency, the noise exposure time, the ratio Θ/Θ_0 and the noise exposure level normalized to a nominal 8-h working day, L_{A8hn} (see Sec. 3.6), averaged over the exposure time Θ. For exposure times between 10 and 40 years the median potential NIPTS values, $N_{0.50}$, in decibels, are given for both genders by the equation

$$N_{0.50} \cdot \left[u + v \log\left(\frac{\theta}{\theta_0} \right) \right] (L_{A8hn} - L_0)^2 \qquad (15)"$$

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The equation given is incorrect and should be:

$$N_{0.50} = \left[u + v \log\left(\frac{\theta}{\theta_0} \right) \right] (L_{A8hn} - L_0)^2 \qquad (15)$$

Summary of Changes for UL 758, Standard for Appliance Wiring Material

5.7.4 A compact-stranded conductor shall be a round conductor consisting of a central core wire (strand) surrounded by one or more layers of helically laid wires (strands). A compact-stranded copper conductor shall consist of uncoated strands. A compact-stranded aluminum conductor shall have all layers with the same direction of lay (left-hand unidirectional). A compact-stranded copper conductor shall be either left-hand unidirectional or have the direction of lay reversed in adjacent layers (concentric-lay-stranded with the outer layer left-handed) and with each layer rolled, drawn, or otherwise compressively formed to distort the originally round or partially preshaped strands to various close-fitting shapes that achieve almost complete filling of the spaces originally present between the strands. Each layer shall be compacted before the next layer is applied, and each compacted layer – including the outermost layer – shall have an essentially smooth, round outer surface. The length of lay of the strands in the outer layer of a 1 AWG – 1000 kcmil conductor shall be 8 – 16 times the overall diameter of that layer. The length of lay of the strands in the outer layer of a size 50 – 2 AWG conductor shall be 8.0 – 17.5 times the overall diameter of that layer.

5.7.6 Every stranded conductor covered in Percentage increase (k) in weight for type of strands, Table 210.2 of UL 1581 other than a compact-stranded conductor or a single-bunch bunch-stranded conductor shall comply with the following:

(Items a – c, e and f not shown)

d) The length of lay of the strands in both layers of a 19-wire combination round-wire unilay-stranded copper or aluminum conductor shall be 8 – 16 times the outside diameter of the completed conductor. Otherwise, the length of lay of the strands in every layer of a concentriclay-stranded or compressed-stranded conductor consisting of fewer than 37 strands shall be a maximum of:

1) 40 times the outside diameter of the conductor for 30 AWG or smaller conductors;
2) 30 times the outside diameter of the conductor for size 29 – ~~No.~~ 15 AWG conductors;
3) 20 times the outside diameter of the conductor for size 14 – ~~No.~~ 6 AWG conductors; and
4) 16 times the outside diameter of the conductor for 5 AWG and larger conductors.

21.1 Only thermoplastic elastomer (TPE), thermoplastics (except for fluoropolymers), and XL materials are required to be tested. One specimen of finished wire is to be tested in accordance with Deformation, Section 560 of UL 1581, and Table 19.1 for the specific construction, wire size, material, and the specimen's associated temperature rating. The maximum decrease in thickness shall not be ~~less~~ more than indicated in Table 19.1 and the insulation shall not split, exposing the conductor. Insulated conductors as well as the jacket of a jacketed cable are to be tested. Laminated constructions are to be tested in the same manner as jackets. Bonded constructions are to be separated and tested in the same manner as insulation.

25A.1 ~~All surface printing is acceptable if the ink printing on specimens remains~~ Printing on the surface of the finished wire shall remain legible after being subjected to the test described in the Durability of Indelible-Ink Printing Test, Section 1690 of UL 1581.

The proposed revision of 41.1 is proposed to be withdrawn; the current text would be retained:

41.1 Three specimens each of the finished insulated conductor and finished cable ~~construction~~ are to be tested in accordance with Vertical Flame and FT-1 Tests, Section 1060 of UL 1581.