

# **ANSI** STANDARDS ACTION

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

VOL. 35, #28

July 9, 2004

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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](mailto:psa@ansi.org)

★ Standard for consumer products

# Comment Deadline: August 23, 2004

## ALI (ASC A14) (American Ladder Institute)

### New Standards

- ★ BSR A14.9-200x, Safety Requirements for Ceiling Mounted Disappearing Climbing Systems (new standard)

This standard prescribes rules concerning the safe design, construction, testing, care, installation and use of permanently installed metal or wood, ceiling mounted disappearing climbing systems of various types designed to be used for access to upper levels such as attics. Household units with duty ratings of 200, 250, 300 and 350 lbs., or commercial units with a rating of 500 lbs., are the only units covered in this standard. Single copy price: \$50.00

Order from: American Ladder Institute  
Send comments (with copy to BSR) to: Ron Pietrzak, ALI (ASC A14); ron\_pietrzak@sba.com

## ASA (ASC S3) (Acoustical Society of America)

### Revisions

- BSR S3.35-200X, Method of Measurement of Performance Characteristics of Hearing Aids Under Simulated Real-Ear Working Conditions (revision of ANSI S3.35-1985)

Describes techniques to measure hearing aids under simulated conditions of real ear use. The need for such a standard arises from the importance of including the acoustical variations in the performance data that are caused when hearing aids are worn. For the purpose of these measurements, a suitable manikin and ear simulator are used to represent a typical hearing aid wearer. Acoustical requirements of the test space as well as how the manikin is positioned with respect to the loudspeaker are given.

Single copy price: \$120.00

Order from: Susan Blaeser, ASA; sblaeser@aip.org  
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## ASME (American Society of Mechanical Engineers)

### Revisions

- BSR/ASME NQA-1-200x, Quality Assurance Requirements for Nuclear Facility Applications (revision of ANSI/ASME NQA-1-2004)

This Standard reflects industry experience and current understanding of the quality assurance requirements necessary to achieve safe, reliable, and efficient utilization of nuclear energy, and management and processing of radioactive materials. The Standard focuses on the achievement of results, emphasizes the role of the individual and line management in the achievement of quality, and fosters the application of these requirements in a manner consistent with the relative importance of the item or activity.

Single copy price: \$10.00

Order from: Silvana Rodriguez, ASME; rodriguez@asme.org; ANSIBox@asme.org; JonesG@asme.org  
Send comments (with copy to BSR) to: Steven Rossi, ASME; rossis@asme.org

## ATIS (Alliance for Telecommunications Industry Solutions)

### New Standards

- ★ BSR T1.427.01-200x, ATM based Multi-Pair Bonding (new standard)  
This document provides requirements for advanced bonding of multiple digital subscriber lines (DSL) to transport ATM streams. The specifications of this standard provide a complete description of startup, operational and contingency modes of operation which allows for interoperability between vendors. Single copy price: \$108.00

Order from: Aivelis Colon, ATIS; acolon@atis.org  
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- ★ BSR T1.427.02-200x, Ethernet Transport over Single and Multi-Pair xDSL (new standard)

This recommendation describes a method of bonding a number of xDSL transport technologies to increase the aggregate capacity of the resulting communication channel. It can support SHDSL, VDSL and ADSL transport as well as other xDSL technologies as they emerge. The methods described herein are optimized for Ethernet transport. Single copy price: \$58.00

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- ★ BSR T1.427.03-200x, TDIM Bonding Protocol (new standard)

This standard defines the bonding function for the TDIM based bonding method, the purpose of which is to provide inverse multiplexing of various service data streams (Ethernet, ATM, TDM) over multiple DSL physical links and to retrieve the original stream at the far-end from these physical links. Single copy price: \$227.00

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### Revisions

- BSR T1.114-200x, Signalling System Number 7 (SS7) - Transaction Capabilities Application Part (TCAP) (revision of ANSI T1.114-2000)

This standard specifies Transaction Capabilities (TC) for Signalling System 7 (SS7). This specification is intended to provide, in an open-ended manner, the capabilities needed to support present and near-term ISDN and non ISDN services requiring transactions among exchanges, service control points, and databases. Single copy price: \$346.00

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## HPS (ASC N43) (Health Physics Society)

### New Standards

- BSR N43.5-200x, Radiation Safety for the Design of Radiographic and Fluoroscopic Industrial X-Ray Equipment (new standard)

This standard provides guidelines specific to the radiation safety aspects of the design of non-medical x-ray equipment operating at energies below 1 MeV for radiographic and radiosopic applications, wherein the x-rays are generated by electronic means. It does not apply to x-ray equipment used for industrial gauging applications. The objective is to achieve safe design of non-medical x-ray equipment by establishing requirements for some components that are critical for radiation safety. Single copy price: \$10.00

Order from: Mike Johnson, HPS (ASC N43); mjohnson@BurkInc.com  
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## ITI (INCITS)

### Reaffirmations

- BSR INCITS 124.2-1988 (R200x), Information Systems Computer Graphics - Graphical Kernel System (GKS) Pascal Binding (reaffirmation of ANSI INCITS 124.2-1988 (R1999))

The Graphical Kernel System (GKS), as described in ANSI INCITS 124-1985, specifies a language-independent nucleus of a graphics system. For integration into a programming language, GKS is embedded in a language-dependent layer obeying the particular conventions of that language. This part of ANSI INCITS 124 specifies such a language-dependent layer for the Pascal language. Single copy price: \$18.00

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Send comments (with copy to BSR) to: Deborah Spittle, ITI (INCITS); dspittle@itic.org

BSR INCITS 213-1994 (R200x), Information Technology - 90-mm (3.54-in) Optical Disk Cartridge Rewritable and Read Only Using Discrete Block Format (DBF) Method for Digital Information Interchange (formerly ANSI X3.213-1994 (R1999)) (reaffirmation of ANSI INCITS 213-1994 (R1999))

Specifies the characteristics of a 90-mm (3.54-in) optical disk cartridge (ODC) of the type providing for information to be written, read, and erased many times, using thermomagnetic and magneto-optical effect. A part or all of the optical disk may be prerecorded (read only) and be reproduced by embossing information in the recording layer. This information is read without recourse to the magneto-optical effect.

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BSR INCITS 246-1994 (R200x), Information Processing Systems - Test Methods for Media Characteristics of 90mm Read Only and Rewritable M.O. Optical Disk Data Storage Cartridge with Discrete Block Format (DBF) (formerly ANSI X3.246-1994) (reaffirmation of ANSI INCITS 246-1994 (R1999))

Specifies test methods for media characteristics of optical disks used for information processing systems and for information storage (90-mm rewritable optical disk cartridges, using discrete block format (DBF)).

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BSR INCITS/ISO/IEC 9171-1-1990 (R200x), Information Technology - 130 mm Optical Disk Cartridge, Write Once, for Information Interchange - Part 1: Unrecorded Optical Disk Cartridge (reaffirmation of INCITS/ISO/IEC 9171-1-1990)

This part of ISO/IEC 9171 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.

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BSR INCITS/ISO/IEC 9171-2-1990 (R200x), Information Technology - 130 mm Optical Disk Cartridge, Write Once, for Information Interchange - Part 2: Recording format (reaffirmation of INCITS/ISO/IEC 9171-2-1990)

This part of ISO/IEC 9171 specifies two formats for the physical disposition of the tracks and sectors, the error correction codes, the modulation methods used for recording and the quality of the recorded signals.

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BSR INCITS/ISO/IEC 9592-1-1989 (R200x), Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 1: Functional Description (reaffirmation of INCITS/ISO/IEC 9592-1-1989)

This part of ISO/IEC 9592 specifies a set of functions for computer graphics programming, the Programmer's Hierarchical Interactive Graphics System (PHIGS).

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BSR INCITS/ISO/IEC 9592-2-1997 (R200x), Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 2: Archive File Format (reaffirmation of INCITS/ISO/IEC 9592-2-1997)

This part of ISO/IEC 9592 specifies a file format suitable for the storage and retrieval of PHIGS structure definitions.

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BSR INCITS/ISO/IEC 9592-3-1997 (R200x), Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 3: Specification for Clear-Text Encoding of Archive File (reaffirmation of INCITS/ISO/IEC 9592-3-1997)

This part of ISO/IEC 9592 specifies a clear-text encoding of the PHIGS archive file. For each of the archive file elements specified in ISO/IEC 9592-2, a clear text encoding is specified. This part of ISO/IEC 9592 specifies the overall format of the archive file and the means by which comments may be interspersed in the archive file.

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BSR INCITS/ISO/IEC 9593-3-1990/AM1-1994 (R200x), Information Technology - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 3: Ada - Amendment 1: Incorporation of PHIGS PLUS (reaffirmation of INCITS/ISO/IEC 9593-3-1990/AM1-1994 (R1999))

Specifies a language dependent layer for the Ada computer programming language.

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BSR INCITS/ISO/IEC 9593-4-1991/AM1-1994 (R200x), Information Technology - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 4: C - Amendment 1 (reaffirmation of INCITS/ISO/IEC 9593-4-1991/AM1-1994 (R1999))

Specifies a language-dependent layer for the C language.

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BSR INCITS/ISO/IEC 9637-1-1994 (R200x), Information Technology - Computer Graphics - Interfacing Techniques for Dialogues with Graphical Devices (CGI) - Data Stream Binding - Part 1: Character Encoding (reaffirmation of INCITS/ISO/IEC 9637-1-1994 (R1999))

Specifies a character encoding of the Computer Graphics Interface. For each of the functions specified in INCITS/ISO/IEC 9637, an encoding is specified. Provides a highly compact representation of the data, suitable for applications that require the data to be of minimum size and suitable for transmission with character-oriented transmission services.

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BSR INCITS/ISO/IEC 9637-2-1992 (R200x), Information Technology - Computer Graphics - Interfacing Techniques for Dialogues with Graphical Devices (CGI) - Data Stream Binding - Part 2: Binary Encoding (reaffirmation of INCITS/ISO/IEC 9637-2-1992 (R1999))

This part of ISO/IEC 9637 specifies a Binary Encoding of the Computer Graphics Interface (CGI) data stream. For each of the function syntaxes in clause 5 and clause 6 of ISO/IEC 9636-2, ISO/IEC 9636-3, ISO/IEC 9636-4, ISO/IEC 9636-5, and ISO/IEC 9636-6, an encoding is specified in terms of an opcode and a sequence of parameters of specified data types.

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BSR INCITS/ISO/IEC 9973-1994 (R200x), Information Technology - Computer Graphics and Image Processing - Procedures for Registration of Graphical Items (reaffirmation of INCITS/ISO/IEC 9973-1994)

This International Standard specifies procedures to be followed in preparing, maintaining, and publishing a register of identifiers and meanings that, under the direction of ISO/IEC JTC USC24, are assigned to graphical items.

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BSR INCITS/ISO/IEC 10089-1991 (R200x), Information Technology - 130 mm Rewritable Optical Disk Cartridge for Information Interchange (reaffirmation of INCITS/ISO/IEC 10089-1991)

This International Standard specifies definitions of the essential concepts; the environment in which the characteristics are to be tested; the environments in which the cartridge are to be operated and stored; the mechanical, physical and dimensional characteristics of the case and of the optical disk; the magneto-optical characteristics and the recording characteristics for recording the information, for reading the information and for erasing it many times, so as to provide physical interchangeability between data processing systems; two formats for the physical disposition of the tracks and sectors, the error correction codes, the modulation methods used for recording

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BSR INCITS/ISO/IEC 10090-1992 (R200x), Information technology - 90 mm optical disk cartridges, rewritable and read only, for data interchange (reaffirmation of INCITS/ISO/IEC 10090-1992)

This International Standard specifies the conditions for conformance testing and the Reference Drive; the mechanical and physical characteristics of the cartridge, so as to provide mechanical interchangeability between data processing systems; the format of the information on the disk, both embossed and user-written; the characteristics of the embossed information on the disk; the magneto-optical characteristics of the disk, enabling processing systems to write data onto the disk; the minimum quality of user-written data on the disk, enabling data processing systems to read data from the disk.

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BSR INCITS/ISO/IEC 10149-1995 (R200x), Information technology - Data interchange on read-only 120 mm optical data disks (CD-ROM) (reaffirmation of INCITS/ISO/IEC 10149-1995)

This International Standard specifies the characteristics of 120-mm optical disks for information interchange between information processing systems and for information storage, called CD-ROM. The optical disk specified by this International Standard is of the type in which the information is recorded before delivery to the user and can only be read from the disk. Characteristics are specified for tracks recorded with digital data.

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BSR INCITS/ISO/IEC 10641-1993 (R200x), Information Technology - Computer Graphics and Image Processing - Conformance Testing of Implementations of Graphic Standards (reaffirmation of INCITS/ISO/IEC 10641-1993 (R1999))

This International Standard specifies a general framework for testing conformance to a computer graphics standard.

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BSR INCITS/ISO/IEC 10746-2-1996 (R200x), Information Technology - Open Distributed Processing - Reference Model: Foundations (reaffirmation of INCITS/ISO/IEC 10746-2-1996)

This ITU-T Recommendation/International Standard covers the concepts that are needed to perform the modelling of ODP systems (see clauses 5 to 14), and the principles of conformance to ODP systems (see clause 15).

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BSR INCITS/ISO/IEC 10746-3-1996 (R200x), Information Technology - Open Distributed Processing - Reference Model: Architecture (reaffirmation of INCITS/ISO/IEC 10746-3-1996)

This ITU-T Recommendation/International Standard:

- defines how ODP systems are specified, making use of concepts in ITU-T Recommendation X.902 | ISO/IEC 10746-2;
- identifies the characteristics that qualify systems as ODP systems.

It establishes a framework for coordinating the development of existing and future standards for ODP systems and is provided for reference by those standards.

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BSR INCITS/ISO/IEC 10918-1-1994 (R200x), Information technology - Digital compression and coding of continuous-tone still images - Part 1: Requirements and guidelines (reaffirmation of INCITS/ISO/IEC 10918-1-1994)

This CCITT Recommendation | International Standard is applicable to continuous-tone - grayscale or color - digital still image data. It is applicable to a wide range of applications that require use of compressed images. It is not applicable to bi-level image data.

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BSR INCITS/ISO/IEC 10918-2-1995 (R200x), Information technology - Digital Compression and coding of continuous-tone still images - Part 2: Compliance Testing (reaffirmation of INCITS/ISO/IEC 10918-2-1995)

This Recommendation/International Standard is concerned with compliance tests for the continuous-tone still-image encoding processes, decoding processes, and compressed data formats specified in ITU-T Rec. T.81 | ISO/IEC 10918-1.

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BSR INCITS/ISO/IEC 10918-3-1997 (R200x), Information technology - Digital compression and coding of continuous-tone still images - Part 3: Extensions (reaffirmation of INCITS/ISO/IEC 10918-3-1997)

This Recommendation/International Standard is applicable to continuous-tone - grayscale or color - digital still image data. It is applicable to a wide range of applications that require use of compressed images.

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Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS); [bbennett@itic.org](mailto:bbennett@itic.org)

BSR INCITS/ISO/IEC 11072-1992 (R200x), Information Technology - Computer Graphics - Computer Graphics Reference Model (reaffirmation of INCITS/ISO/IEC 11072-1992 (R1999))

This International Standard, the Computer Graphics Reference Model (CGRM), defines a structure within which current and future International Standards for computer graphics shall be compared and their relationships described.

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BSR INCITS/ISO/IEC 11172-3-1993 (R200x), Information technology - Coding of moving pictures and associated audio for digital storage media at up to about 1,5 Mbit/s - Part 3: Audio Compression (reaffirmation of INCITS/ISO/IEC 11172-3-1993)

This part of ISO/IEC 11172 specifies the coded representation of high-quality audio for storage media and the method for decoding of high-quality audio signals. The input of the encoder and the output of the decoder are compatible with existing PCM standards such as standard Compact Disc and Digital Audio Tape.

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BSR INCITS/ISO/IEC 11172-4-1995 (R200x), Information technology - Coding of moving pictures and associated audio for digital storage media at up to about 1,5 Mbit/s - Part 4: Compliance Testing (reaffirmation of INCITS/ISO/IEC 11172-4-1995)

This part of ISO/IEC 11172 specifies how tests can be designed to verify whether bitstreams and decoders meet requirements specified in parts 1, 2 and 3 of ISO/IEC 11172. In this part of ISO/IEC 11172, encoders are not addressed specifically. An encoder is entitled to be an ISO/IEC 11172 encoder if it generates bitstreams compliant with the syntactic and semantic bitstream requirements specified in parts 1, 2 and 3 of ISO/IEC 11172.

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BSR INCITS/ISO/IEC 11544-1993 (R200x), Information technology - Coded Representation of picture and audio Information - Progressive bi-level Image Compression (JBIG) (reaffirmation of INCITS/ISO/IEC 11544-1993)

This Recommendation/International Standard defines a bit-preserving (lossless) compression method for coding image bit-planes and is particularly suitable for bi-level (Two-tone, including black-white) images.

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BSR INCITS/ISO/IEC 12087-2-1994 (R200x), Information Technology - Computer Graphics and Image Processing - Image Processing and Interchange (IPI) - Functional Specification - Part 2: Programmer's Imaging Kernel System Application Program Interface (reaffirmation of INCITS/ISO/IEC 12087-2-1994 (R1999))

This part of ISO/IEC 12087 establishes the specification of the application program interface (API), called the Programmer's Imaging Kernel System (PIKS).

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BSR INCITS/ISO/IEC 12087-5-1998 (R200x), Information Technology - Computer Graphics and Image Processing - Image Processing and Interchange (IPI) - Functional Specification - Part 5: Basic Image Interchange Format (BIIF) (reaffirmation of INCITS/ISO/IEC 12087-5-1998)

This part of ISO/IEC 12087 establishes the specification of the Basic Image Interchange Format (BIIF) part of the standard. BIIF is a standard developed to provide a foundation for interoperability in the interchange of imagery and imagery-related data among applications.

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Send comments (with copy to BSR) to: Deborah Spittle, ITI (INCITS); [dspittle@itic.org](mailto:dspittle@itic.org)

BSR INCITS/ISO/IEC 12089-1997 (R200x), Information Technology - Computer Graphics and Image Processing - Encoding for the Image Interchange Facility (IIF) (reaffirmation of INCITS/ISO/IEC 12089-1997)

Defines the encoding rules which shall apply to the representation of IPI-IIF image data. The IPI-IIF data format is defined in American National Standard for Information Technology - Computer Graphics and Image Processing - Image Processing and Interchange (IPI) - Functional Specification - Part 3: Image Interchange Facility (IIF), INCITS/ISO/IEC 12087-3. It is Part 3 of the Image Processing and Interchange International Standard, defined in ISO/IEC 12087.

Single copy price: \$18.00

Order from: Global Engineering Documents: [www.global.ihs.com](http://www.global.ihs.com), (800)854-7179  
Send comments (with copy to BSR) to: Deborah Spittle, ITI (INCITS); [dspittle@itic.org](mailto:dspittle@itic.org)

BSR INCITS/ISO/IEC 13403-1995 (R200x), Information technology - Information interchange on 300 mm optical disk cartridges of the write once, read multiple (WORM) type using the CCS method (reaffirmation of INCITS/ISO/IEC 13403-1995)

This International Standard specifies the characteristics of 300-mm optical disk cartridges (ODC) of the WORM type providing for embossed information and for data to be written once and read multiple times. Together with the standard for Volume and File Structure, this International Standard provides for full data interchange between data processing systems. Interchange involves the ability to write and read data without introducing any error.

Single copy price: \$18.00

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Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS); [bbennett@itic.org](mailto:bbennett@itic.org)

BSR INCITS/ISO/IEC 13481-1993 (R200x), Information technology - Data Interchange on 130 mm Optical Disk Cartridges - Capacity: 1 Gigabyte Per Cartridge (reaffirmation of INCITS/ISO/IEC 13481-1993)

This International Standard specifies the physical and magnetic characteristics of a 12,7-mm-wide, 48-track magnetic tape cartridge, to enable interchangeability of such cartridges. It also specifies the quality of the recorded signals, a format - called Digital Linear Tape 1 (DLT (1) - and a recording method. Together with a labelling standard, e.g., ISO 1001, it allows full data interchange by means of such magnetic tape cartridges.

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

BSR INCITS/ISO/IEC 13549-1993 (R200x), Information Technology - Data Interchange on 130 mm Optical Disk Cartridges - Capacity: 1,3 Gigabytes Per Cartridge (formerly ANSI/ISO/IEC 13549-1993) (reaffirmation of INCITS/ISO/IEC 13549-1993)

This International Standard specifies the conditions for conformance testing; the environments in which the cartridges are to be operated and stored; the mechanical, physical and dimensional characteristics of the case and of the cartridges, so as to provide mechanical interchangeability between the data processing systems; the format of the information on the disk, both embossed and user-written, including the physical disposition of the tracks and sectors, the error correction codes, and the modulation method used; and the characteristics of the embossed information on the disk.

Single copy price: \$18.00

Order from: Global Engineering Documents, <http://www.global.ihs.com/>  
Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS);  
bbennett@itic.org

BSR INCITS/ISO/IEC 13614-1995 (R200x), Information technology - Interchange on 300 mm optical disk cartridges of the write once, read multiple (WORM) type using the SSF method (reaffirmation of INCITS/ISO/IEC 13614-1995)

This International Standard specifies the characteristics of 300-mm optical disk cartridges (ODC) of the WORM type providing for embossed information and for data to be written once and read multiple times. Together with the standard for Volume and File Structure, this International Standard provides for full data interchange between data processing systems. Interchange involves the ability to write and read data without introducing any error.

Single copy price: \$18.00

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BSR INCITS/ISO/IEC 13963-1995 (R200x), Information technology - Data interchange on 90 mm optical disk cartridges - Capacity: 230 megabytes per cartridge (reaffirmation of INCITS/ISO/IEC 13963-1995)

This International Standard specifies the characteristics of 90 mm Optical Disk Cartridges (ODC) with a capacity of 230 Mbytes per Cartridge. The Standard specifies three related, but different implementations of such cartridges, viz, Type R/W, Type P-ROM, Type O-ROM. Type R/W, Type P-ROM and Type O-ROM are also referred to as "fully re-writable", "partially embossed" and "fully embossed", respectively. This International Standard provides for interchange between optical disk drives. Together with a standard for volume and file structure, it provides for full data interchange between data processing systems.

Single copy price: \$18.00

Order from: Global Engineering Documents, <http://www.global.ihs.com/>  
Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS);  
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BSR INCITS/ISO/IEC 14478-1-1998 (R200x), Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 1: Fundamentals of PREMO (reaffirmation of INCITS/ISO/IEC 14478-1-1998)

ISO/IEC 14478 specifies techniques for supporting interactive single, and multiple media applications which recognize and emphasize the interrelationships among user interfaces, multimedia applications, and multimedia information interchange.

Single copy price: \$18.00

Order from: Global Engineering Documents: [www.global.ihs.com](http://www.global.ihs.com/),  
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Send comments (with copy to BSR) to: Deborah Spittle, ITI (INCITS);  
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BSR INCITS/ISO/IEC 14478-2-1998 (R200x), Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 2 - Foundation Component (reaffirmation of INCITS/ISO/IEC 14478-2-1998)

This part of ISO/IEC 14478 lists an initial set of object types and non-object types useful for the construction of, presentation of, and interaction with multimedia information. This part is dependent on the PREMO object model defined in clause 8 of ISO/IEC 14478-1. The foundation component does not depend on any other components.

Single copy price: \$18.00

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(800)854-7179

Send comments (with copy to BSR) to: Deborah Spittle, ITI (INCITS);  
dspittle@itic.org

BSR INCITS/ISO/IEC 14478-3-1998 (R200x), Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 3 - Multimedia Systems Services (reaffirmation of INCITS/ISO/IEC 14478-3-1998)

This part of ISO/IEC 14478 defines a standard set of multimedia system services that can be used by multimedia application developers in a variety of computing environments. The focus is on enabling multimedia applications in a heterogeneous, distributed computing environment. Throughout this part of ISO/IEC 14478, this component will also be referred to as "Multimedia Systems Services", and abbreviated as MSS.

Single copy price: \$18.00

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

Send comments (with copy to BSR) to: Deborah Spittle, ITI (INCITS);  
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BSR INCITS/ISO/IEC 14478-4-1998 (R200x), Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 4 - Modelling, Rendering and Interaction Component (reaffirmation of INCITS/ISO/IEC 14478-4-1998)

This part of ISO/IEC 14478 describes a set of object types and non-object types to provide the construction of, presentation of, and the interaction with Multimedia information. The multimedia information can be graphics, video, audio, or other types of presentable media. This information can be enhanced by time aspects. Throughout this document this part of ISO/IEC 14478 will also be referred to as "Modelling, Rendering and Interaction", and abbreviated as MRI.

Single copy price: \$18.00

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Send comments (with copy to BSR) to: Deborah Spittle, ITI (INCITS);  
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BSR INCITS/ISO/IEC 14772-1-1997 (R200x), Information technology - Computer graphics and image processing - The Virtual Reality Modeling Language - Part 1: Functional specification and UTF-8 encoding (reaffirmation of INCITS/ISO/IEC 14772-1-1997)

ISO/IEC 14772, the Virtual Reality Modeling Language (VRML), defines a file format that integrates 3D graphics and multimedia. Conceptually, each VRML file is a 3D time-based space that contains graphic and aural objects that can be dynamically modified through a variety of mechanisms.

Single copy price: \$18.00

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

Send comments (with copy to BSR) to: Deborah Spittle, ITI (INCITS); dspittle@itic.org

## NCPDP (National Council for Prescription Drug Programs)

### Revisions

BSR/NCPDP SC V7.0-200x, Prescriber/Pharmacist Interface SCRIPT Version 7.0 (revision and redesignation of ANSI/NCPDP SC V6.0-2003)

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

Single copy price: \$650.00 for all standards

Order from: Lynne Gilbertson, NCPDP; lgilbertson@ncdp.org  
Send comments (with copy to BSR) to: Same

BSR/NCPDP TC VA.1-200x, Telecommunication Standard Version A.1 (revision and redesignation of ANSI/NCPDP TC V9.0-2003)

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

Single copy price: \$650.00 for all standards

Order from: Lynne Gilbertson, NCPDP; lgilbertson@ncdp.org  
Send comments (with copy to BSR) to: Same

## NFPA (ASC B93) (National Fluid Power Association)

### New Standards

BSR/(NFPA) T2.12.5R1-200x, Information report - Fluid power - Laboratory guidelines (new standard)

This information report includes the following items:

- an accumulation of various practices and procedures for fluid power testing laboratories;
- references to or excerpts from published technical literature, applicable to fluid power testing laboratories; and
- a subject index.

Single copy price: Free

Order from: Jenna Wetzel, (NFPA) (ASC B93); jwetzel@nfpa.com  
Send comments (with copy to BSR) to: Same

BSR/(NFPA) T3.19.32-200x, Rotary shaft lip type seals - Part 2: Vocabulary (technically identical to ISO 6194-2:1991) (new standard)

This part of NFPA T3.19.32 defines technical terms and nomenclature used in relation to rotary shaft lip type seals. The terms apply to the types, the various parts of sealing devices, the tolerances and fits, the storage, handling and fitting, the visual variation and failure of seals, and the general performance test procedure of rotary shaft lip type seals.

Single copy price: Free

Order from: Jenna Wetzel, (NFPA) (ASC B93); jwetzel@nfpa.com  
Send comments (with copy to BSR) to: Same

BSR/(NFPA) T3.5.29 R1-200x, Hydraulic fluid power solenoid-piloted industrial valves - Interface dimensions for electrical connectors (new standard)

This standard includes electrical plug-type connector interface dimensions and configurations (not intended for current interruption) used with a single or double electrically controlled fluid power control valve used in industrial (in-plant) applications. This standard is intended to: simplify variety and facilitate installation and servicing; promote interchangeability and greater use of electrically controlled fluid power controls. This standard applies to the dimensional criteria pin usage and installation requirements of products manufactured in conformance with this standard. It does not fully define their functional characteristics.

Single copy price: Free

Order from: Jenna Wetzel, (NFPA) (ASC B93); jwetzel@nfpa.com  
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## SSFI (Scaffolding, Shoring & Forming Institute)

### New Standards

BSR/SSFI SC 100-200x, Standards for Testing and Rating Scaffold Assemblies and Components (new standard)

This standard provides methods for testing and rating the performance of the following:

- Tube and Coupler Scaffold Components;
- Welded Frame Scaffold Assemblies;
- System Scaffold Assemblies;
- Guardrail Scaffold Components;
- Screwjack Scaffold Components;
- Caster (with Lever Actuated Brake and Swivel Lead) Scaffold Components, Putlog Scaffold Assemblies; and Side and End Bracket Scaffold Components.

Single copy price: Free

Order from: Christopher Johnson, SSFI; cjohnson@taol.com  
Send comments (with copy to BSR) to: Same

## UL (Underwriters Laboratories, Inc.)

### Revisions

BSR/UL 399-200x, Standard for Safety for Drinking Water Coolers (Bulletin dated June 25, 2004) (revision of ANSI/UL 399-2002)

The following items are for comment:

- Addition of requirements for plastics;
- Revision to production line pressure test;
- Revisions to the marking section;
- Addition of glossary terms; and
- Editorial and miscellaneous revisions.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Jeff Prusko, UL-IL; Jeffrey.Prusko@us.ul.com

- ★ BSR/UL 987-200x, Standard for Safety for Stationary and Fixed Electric Tools (revision of ANSI/UL 987-1996)

Comment resolution and proposed modifications for proposed table saw requirements dated November 26, 2003.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Neil Dalmas, UL-NC; Neil.S.Dalmas@us.ul.com

# Comment Deadline: September 7, 2004

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

## AWS (American Welding Society)

### Revisions

BSR/AWS D14.4-200x, Classification and Application of Welded Joints for Machinery and Equipment (Also D14.4M-200x) (revision of ANSI/AWS D14.4-1997)

This specification establishes common acceptance criteria for classifying and applying carbon and low-alloy steel welded joints used in the manufacture of machines and equipment. It also covers weld joint design, workmanship, quality control requirements and procedures, welding operator and welding procedure qualification, weld joint inspection (visual, radiographic, ultrasonic, magnetic particle, liquid penetrant), repair of weld defects, and heat treatment.

Single copy price: \$41.00

Order from: Andrew Davis, AWS; [adavis@aws.org](mailto:adavis@aws.org); [roneill@aws.org](mailto:roneill@aws.org)  
Send comments (with copy to BSR) to: Same

## NECA (National Electrical Contractors Association)

### Revisions

BSR/NECA/IESNA 500-200x, Standard for Installing Indoor Commercial Lighting Systems (revision of ANSI/NECA/IESNA 500-200x)

This standard describes installation procedures for lighting systems commonly used in commercial and retail buildings, including but not limited to the following:

- Recessed lighting systems;
- Ceiling surface-mounted lighting systems;
- Ceiling-suspended lighting systems;
- Wall-mounted lighting systems; and
- Track lighting systems.

Single copy price: \$30.00

Order from: Nancy Sipe, NECA; [orderdesk@necanet.org](mailto:orderdesk@necanet.org)  
Send comments (with copy to BSR) to: Pearl Parker, NECA; [psp@necanet.org](mailto:psp@necanet.org)

## NEMA (ASC C136) (National Electrical Manufacturers Association)

### New Standards

BSR C136.33-200x, Roadway Lighting Equipment - Plug-in Type Receptacle for HID Lamp Igniters (new standard)

This standard covers the physical features, dimensions, and electrical requirements of mating receptacles for plug-in type HID lamp igniters.

Single copy price: \$50.00

Order from: Ronald Runkles, NEMA (ASC C136); [ron\\_runkles@nema.org](mailto:ron_runkles@nema.org)  
Send comments (with copy to BSR) to: Same

BSR C136.34-200x, Roadway and Area Lighting - Vandal Resistant Shields (new standard)

This standard covers supplementary vandal resistant shields used to protect luminaires and luminaire accessories used for roadway and area lighting applications.

Single copy price: \$30.00

Order from: Ronald Runkles, NEMA (ASC C136); [ron\\_runkles@nema.org](mailto:ron_runkles@nema.org)  
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### Revisions

BSR C136.15-200x, Roadway and Area Lighting Equipment - High-Intensity Discharge and Low-Pressure Sodium Lamps in Luminaires - Field Identification (revision of ANSI C136.15-1997)

The intent of this standard is to provide a simple, uniform method for identifying the type and wattage rating of a high-intensity discharge or low-pressure sodium lamp installed in a luminaire.

Single copy price: \$25.00

Order from: Ronald Runkles, NEMA (ASC C136); [ron\\_runkles@nema.org](mailto:ron_runkles@nema.org)

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## Draft Standards for Trial Use

In accordance with Annex B: Draft American National Standards for trial use of the ANSI Essential Requirements, the availability of the following draft standard for trial use is announced:

### Trial use period: June 4, 2004 through June 4, 2005

#### ATIS (Alliance for Telecommunications Industry Solutions)

BSR T1.278-200x, XML Schema Interface for Fault Management (Trouble Administration) (TRIAL USE STANDARD) (trial use standard)

This is an extension of 12 months from the original trial-use standard submittal of T1.278 dated 12/4/02. The extension is from 6/4/04 - 6/4/05. tML Framework Document (M.3030) has suggested that Fault Management (Trouble Administration) may be implemented as a domain specific XML (tML) schema. This document presents the result of analysis of ANSI T1.227/T1.228 in the form of XML UML design level model and XML schemas (tML TA schemas) for Trouble Administration functions and services specified in ANSI T1.227/T1.228.

Single copy price: \$Contact ATIS

Order from: Susan Carioti, ATIS; [scarioti@atis.org](mailto:scarioti@atis.org); [acolon@atis.org](mailto:acolon@atis.org)  
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# 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](mailto:standact@ansi.org).

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American Ladder Institute  
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Chicago, IL 60611  
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Fax: (312) 527-6705

Web:  
[www.americanladderinstitute.org](http://www.americanladderinstitute.org)

### **ASA (ASC S1)**

ASC S1  
35 Pinelawn Road Suite 114E  
Melville, NY 11747  
Phone: (631) 390-0215

Fax: (631) 390-0217  
Web: [asa.aip.org/index.html](http://asa.aip.org/index.html)

### **ASME**

American Society of Mechanical Engineers  
Three Park Avenue, M/S 20N1  
New York, NY 10016  
Phone: (212) 591-8460  
Fax: (212) 591-8501  
Web: [www.asme.org](http://www.asme.org)

### **ATIS**

Alliance for Telecommunications Industry Solutions  
1200 G Street NW, Suite 500  
Washington, DC 20005  
Phone: (202) 434-8839  
Fax: (202) 347-7125  
Web: [www.atis.org](http://www.atis.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](http://www.aws.org)

### **comm2000**

1414 Brook Drive  
Downers Grove, IL 60515  
Web: [www.comm-2000.com](http://www.comm-2000.com)

### **DASMA**

Door and Access Systems Manufacturers Association  
1300 Sumner Avenue  
Cleveland, OH 44115-2851  
Phone: (216) 241-7333  
Fax: (216) 241-0105

### **Global Engineering Documents**

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

### **HPS (ASC N43)**

ASC N43  
1313 Dolly Madison Blvd.,  
Suite 402  
McLean, VA 22101  
Phone: (703) 790-1745 ext. 30  
Fax: (703) 790-2672  
Web:  
[www.hps.org/hpspublications/standards.html](http://www.hps.org/hpspublications/standards.html)

### **NCPDP**

National Council for Prescription Drug Programs  
9240 East Raintree Drive  
Scottsdale, AZ 85260  
Phone: (480) 477-1000  
Fax: (480) 767-1042  
Web: [www.ncdp.org](http://www.ncdp.org)

### **NECA**

National Electrical Contractors Association  
3 Bethesda Metro Center, Suite 1100  
Bethesda, MD 20814  
Phone: (301) 215-4504  
Fax: (301) 215-4500  
Web: [www.necanet.org](http://www.necanet.org)

### **NEMA**

National Electrical Manufacturers Association  
1300 North 17th Street, Suite 1847  
Rosslyn, VA 22209  
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### **(NFPA) (ASC B93)**

National Fluid Power Association  
3333 North Mayfair Road,  
Suite 101  
Milwaukee, WI 53222-3219  
Phone: (414) 778-3345  
Fax: (414) 778-3361  
Web: [www.nfpa.com/](http://www.nfpa.com/)

## Send comments to:

### **ALI (ASC A14)**

American Ladder Institute  
401 N. Michigan Avenue  
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Fax: (312) 527-6705  
Web:  
[www.americanladderinstitute.org](http://www.americanladderinstitute.org)

### **ASA (ASC S1)** ASC S1

35 Pinelawn Road Suite 114E  
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Web: [asa.aip.org/index.html](http://asa.aip.org/index.html)

### **ASME**

American Society of Mechanical  
Engineers  
Three Park Avenue, M/S 20N1  
New York, NY 10016  
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Fax: (212) 591-8501  
Web: [www.asme.org](http://www.asme.org)

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1313 Dolly Madison Blvd.,  
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Fax: (703) 790-2672  
Web:  
[www.hps.org/hpspublications/  
standards.html](http://www.hps.org/hpspublications/standards.html)

### **ITI (INCITS)**

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

### **NCPDP**

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Scottsdale, AZ 85260  
Phone: (480) 477-1000  
Fax: (480) 767-1042  
Web: [www.ncpdp.org](http://www.ncpdp.org)

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### **UL-IL**

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333 Pfingsten Road  
Northbrook, IL 60062  
Phone: (847) 272-8800

### **UL-NC**

Underwriters Laboratories, Inc.  
12 Laboratory Drive  
Research Triangle Park, NC  
27709  
Phone: (919) 549-1400 x11768  
Fax: (919) 547-6018

# 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.

## AHAM (Association of Home Appliance Manufacturers)

### Revisions

- ★ ANSI/AHAM HRF-1-2004, Energy, Performance and Capacity of Household Refrigerators, Refrigerator-Freezers and Freezers (revision of ANSI/AHAM HRF-1-2002): 7/7/2004

## AMT (ASC B11) (Association for Manufacturing Technology)

### Revisions

ANSI B11.20-2004, Machine Tools - Safety Requirements for Integrated Manufacturing Systems (revision of ANSI B11.20-1991 (R1997)): 7/1/2004

## API (American Petroleum Institute)

### New National Adoptions

ANSI/API RP 10B-4/ISO 10426-4-2004, Recommended Practice on Preparation and Testing of Foamed Cement Slurries at Atmospheric Pressure (national adoption with modifications): 7/2/2004

### New Standards

ANSI/API 13M/ISO 13503-1-2004, Recommended Practice for Measurement of Viscous Properties of Completion Fluids (new standard): 6/30/2004

## ASAE (American Society of Agricultural Engineers)

### Withdrawals

ANSI/ASAE S330.1-AUG88 (RJUNE00), Procedure for Sprinkler Distribution Testing for Research Purposes (withdrawal of ANSI/ASAE S330.1-AUG88 (RJUNE00)): 6/30/2004

## ASME (American Society of Mechanical Engineers)

### Revisions

ANSI/ASME BPVC Revision-2004, ASME Boiler and Pressure Vessel Code (5/3/2002, 9/13/02, 12/13/02 and 2/28/03 Meetings) (revision of ANSI/ASME BPVC Revision: 2001 Edition): 7/7/2004

## ATIS (Alliance for Telecommunications Industry Solutions)

### New Standards

- ★ ANSI T1.338-2004, Electrical Coordination of Primary and Secondary Surge Protective Devices for Use in Telecommunications Circuits (new standard): 6/30/2004
- ANSI T1.426 -2004, Enhanced Single-Pair High-Speed Digital Subscriber Line (E-SHDSL) Transceivers (new standard): 6/30/2004

### Reaffirmations

ANSI T1.207-2000 (R2004), OAM&P - Terminating Test Line Access and Capabilities (reaffirmation of ANSI T1.207-2000): 6/30/2004

ANSI T1.218-1999 (R2004), ISDN Management - Data Link and Network Layers (reaffirmation of ANSI T1.218-1999): 6/30/2004

ANSI T1.221-1995 (R2004), OAM&P - In-Service, Non-Intrusive Measurement Device (INMD) - Voice Service Measurement (reaffirmation of ANSI T1.221-1995 (R2000)): 6/30/2004

ANSI T1.234-2000 (R2004), Signalling System No. 7 (SS7) - MTP Levels 2 and 3 Compatibility Testing (reaffirmation of ANSI T1.234-2000): 6/30/2004

ANSI T1.235-2000 (R2004), Signalling System 7 (SS7) - SSCP Class O Compatibility Testing (reaffirmation of ANSI T1.235-2000): 6/30/2004

ANSI T1.236-2000 (R2004), Signalling System No. 7 (SS7) - ISDN User Part Compatibility Testing (reaffirmation of ANSI T1.236-2000): 7/1/2004

ANSI T1.239-1994 (R2004), ISDN Management - User-Network Interfaces Protocol Profile (reaffirmation of ANSI T1.239-1994 (R2000)): 6/30/2004

ANSI T1.241-1994 (R2004), ISDN Service-Profile Verification and Service-Profile Management ISDN Interface Management Services (reaffirmation of ANSI T1.241-1994 (R2000)): 6/30/2004

### Revisions

ANSI T1.210-2004, Principles of Functions, Architectures, and Protocol for Telecommunications Management Network (TMN) Interfaces (revision of ANSI T1.210-1993 (R1999)): 7/8/2004

ANSI T1.233-2004, Operations, Administration, Maintenance, and Provisioning (OAM&P) - Security Framework for the Telecommunications Management Network (TMN) Interfaces (revision of ANSI T1.233-1993 (R1999)): 7/8/2004

### Supplements

ANSI T1.261a-2004, Security for TMN Management Transactions over the TMN Q3 Interface (supplement to ANSI T1.261-1998): 6/30/2004

ANSI T1.262b-2004, Operations, Administration, Maintenance, and Provisioning (OAM&P) - Extension to Generic Network Model for Interface across Jurisdictional Boundaries to support the Service Test Function (supplement to ANSI T1.262-1998 (R2002)): 6/30/2004

ANSI T1.418a-2004, High Bit Rate Subscriber Line - 2nd Generation (HDSL2/HDSL4) - Issue 2 (supplement to ANSI T1.418-2002): 6/30/2004

### Withdrawals

ANSI T1.243-1995 (R1999), Telecommunications - Operations, Administration, Maintenance, and Provisioning (OAM&P) - Baseline Security Requirements for the Telecommunications Management Network (TMN) (withdrawal of ANSI T1.243-1995 (R1999)): 6/30/2004

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

### Revisions

- ★ ANSI Z21.10.1-2004, Gas Water Heaters, Volume I, Storage Water Heaters with Input Ratings of 75,000 Btu Per Hour or Less (same as CSA 4.1) (revision of ANSI Z21.10.1-2001, ANSI Z21.10.1a-2002 and ANSI Z21.10.1b-2004): 7/2/2004
- ANSI Z21.10.3-2004, Gas Water Heaters, Volume III, Storage Water Heaters with Input Ratings Above 75,000 Btu Per Hour, Circulating and Instantaneous (Same as CSA 4.3) (revision, redesignation and consolidation of ANSI Z21.10.3-2001/CSA 4.3-2001, Z21.10.3a-2003/CSA 4.3a-2003 and Z21.10.3b-2004/CSA 4.3b-2004): 7/2/2004
- ANSI Z21.56b-2004, Gas-Fired Pool Heaters (same as CSA 4.7b) (revision of ANSI Z21.56-2001/CSA 4.7-2001 and ANSI Z21.56a-2004/CSA 4.7a-2004): 7/2/2004

**IEEE (Institute of Electrical and Electronics Engineers)****New Standards**

- ANSI/IEEE 802b-2004, Local and Metropolitan Area Networks - Overview and Architecture - Amendment 2: Registration of Object Identifiers (new standard): 7/8/2004
- ANSI/IEEE 1175.3-2004, CASE Tool Interconnections - Reference Model for Specifying Software Behavior (new standard): 7/8/2004
- ANSI/IEEE 1320.1-2004, Functional Modeling Language - Syntax and Semantics for IDEF0 (new standard): 7/8/2004
- ANSI/IEEE 1320.2-2004, Conceptual Modeling Language - Syntax and Semantics for IDEF1X97 (IDEFobject) (new standard): 7/8/2004
- ANSI/IEEE 1332-2004, Reliability Program for the Development and Production of Electronic Systems and Equipment (new standard): 7/8/2004
- ANSI/IEEE 1431-2004, Specification Format Guide and Test Procedure for Coriolis Vibratory Gyros (new standard): 7/8/2004
- ANSI/IEEE 1625-2004, Rechargeable Batteries for Portable Computing (new standard): 7/8/2004
- ANSI/IEEE C57.110-2004, Recommended Practice for Establishing Transformer Capability When Supplying Nonsinusoidal Load Currents (new standard): 7/8/2004

**Reaffirmations**

- ANSI/IEEE 488.2-1993 (R200x4, Codes, Formats, Protocols, and Common Commands for Use with IEEE Std 488.1-1987, IEEE Standard Digital Interface for Programmable Instrumentation (reaffirmation of ANSI/IEEE 488.2-1993 (R1998)): 7/8/2004
- ANSI/IEEE 802.1f-1994 (R2004), Local and Metropolitan Area Networks: Common Definitions and Procedures for IEEE 802 Management Information (reaffirmation of ANSI/IEEE 802.1f-1994 (R1998)): 7/8/2004
- ANSI/IEEE 979-1994 (R2004), Guide for Substation Fire Protection (reaffirmation of ANSI/IEEE 979-1994): 7/8/2004
- ANSI/IEEE 1027-1996 (R2004), Method for Measurement of the Magnetic Field in the Vicinity of a Telephone Receiver (reaffirmation of ANSI/IEEE 1027-1996): 7/8/2004
- ANSI/IEEE 1127-1998 (R2004), Guide for the Design, Construction, and Operation of Electric Power Substations for Community Acceptance and Environmental Compatibility (reaffirmation of ANSI/IEEE 1127-1998): 7/8/2004
- ANSI/IEEE 1346-1998 (R2004), Recommended Practice for Evaluating Electric Power System Compatibility with Electronic Process Equipment (reaffirmation of ANSI/IEEE 1346-1998): 7/8/2004
- ANSI/IEEE 1445-1998 (R2004), Digital Test Interchange Format (DTIF) (reaffirmation of ANSI/IEEE 1445-1998): 7/8/2004

**Revisions**

- ANSI/IEEE C37.93-2004, Guide for Power System Protective Relay Applications of Audio Tones Over Voice Grade Channels (revision of ANSI/IEEE C37.93-1987 (R2000)): 7/8/2004

**NEMA (ASC C12) (National Electrical Manufacturers Association)****Revisions**

- ANSI C12.10-2004, Watthour Meters (revision of ANSI C12.10-1997): 7/1/2004

**NEMA (ASC C78) (National Electrical Manufacturers Association)****Reaffirmations**

- ANSI C78.379a-1997 (R2004), MR and PAR Beam Designation and Tolerance (reaffirmation of ANSI C78.379a-1997): 7/1/2004

**Revisions**

- ANSI C78.1402-2004, Electric Lamps - Dimensions for Projection Lamps - G17q and GX17q Based Four-Pin, Prefocus, for Base-Down Operation (revision of ANSI C78.1402-1975 (R2003)): 7/8/2004
- ANSI C78.1407-2004, Projection Lamps, Condenser-Reflector, Four-Pin, Prefocus-Base Types, Dimensions for (revision of ANSI C78.1407-1985 (R2003)): 6/30/2004
- ANSI C78.1452-2004, Projection Lamps - Vocabulary (revision of ANSI C78.1452-1991 (R2002)): 6/30/2004
- ANSI C78.1460-2004, Single-Ended Tungsten-Halogen Lamps GZ9.5 Base, T6 Bulb, 86.5mm LCL, 76.2mm, 76.2mm MOL with Proximity Reflector (revision of ANSI C78.1460-1991 (R2002)): 7/8/2004

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

- ANSI IT8.2-1988, User Exchange Format (UEF01) for the Exchange of Line Art Data Between Electronic Prepress Systems via Magnetic Tape (DDES00) (withdrawal of ANSI IT8.2-1988 (R2000)): 7/1/2004
- ANSI IT8.3-1990, User Exchange Format (UEF02) for the Exchange of Geometric Data between Electronic Prepress Systems via Magnetic Tape (DDES00) (withdrawal of ANSI IT8.3-1990 (R1996)): 7/1/2004
- ANSI IT8.4-1993, Graphic Technology - Prepress Digital Data Exchange - On-Line Transfer from Color Electronic Prepress Systems to Color Hard Copy Devices (withdrawal of ANSI IT8.4-1993 (R1999)): 7/1/2004
- ANSI IT8.5-1990, User Exchange Format (UEF03) for the Exchange of Monochrome Image Data between Electronic Prepress Systems via Magnetic Tape (DDES00) (withdrawal of ANSI IT8.5-1990 (R1996)): 7/1/2004

**NSF (NSF International)****New Standards**

- ANSI/NSF 44-2004 (i11), Residential cation exchange water softeners (new standard): 6/15/2004

**Revisions**

- ★ ANSI/NSF 53-2004 (i32), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2002a): 6/25/2004

**SCTE (Society of Cable Telecommunications Engineers)****New Standards**

- ANSI/SCTE 90-1-2004, Application Platform - Part 1: OCAP 1.0 Profile (new standard): 6/30/2004

**Revisions**

- ANSI/SCTE 43-2004, Digital Video Systems Characteristics Standard for Cable Television (revision of ANSI/SCTE 43-2003): 6/30/2004

**TIA (Telecommunications Industry Association)****Revisions**

- ANSI/TIA 102.CAAB-B-2004, Land Mobile Radio Transceiver, Performance Recommendations, Project 25 - Digital Radio Technology, C4FM/CQPSK Modulation (revision of ANSI/TIA 102.CAAB-A-2002): 7/8/2004

**UL (Underwriters Laboratories, Inc.)****Revisions**

- ANSI/UL 25-2004, Meters for Flammable and Combustible Liquids and LP-Gas (revision of ANSI/UL 25-1997): 6/25/2004

ANSI/UL 498-2004, Standard for Attachment Plugs and Receptacles  
(revision of ANSI/UL 498-2002): 5/11/2004

ANSI/UL 746B-2004, Standard for Safety for Polymeric Materials -  
Long Term Property Evaluations (revision of ANSI/UL 746B-1997):  
7/7/2004

ANSI/UL 817-2004, Standard for Cord Sets and Power-Supply Cords  
(revision of ANSI/UL 817-2003): 5/11/2004

ANSI/UL 1703-2004, Standard for Safety for Flat-Plate Photovoltaic  
Modules and Panels (revision of ANSI/UL 1703-2003): 6/30/2004

ANSI/UL 1776-2004, High-Pressure Cleaning Machines (revision of  
ANSI/UL 1776-2003): 5/11/2004

## Correction

### **Standards Missing from May 21st Issue of Standards Action**

Due to a computer error, the Final Actions listings for the following standards did not appear in the May 21st issue of Standards Action: ANSI/UL 498-2004, ANSI/UL 817-2004, and ANSI/UL 1776-2004. These listings have been added to this week's Final Actions section and appear above. We apologize for any inconvenience this error may have caused.

# 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 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards.

Following is a list of proposed new American National Standards or revisions to existing American National Standards that have been received from 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.

## **ACCA (Air Conditioning Contractors of America)**

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BSR/ACCA 4 HVAC Extended Care-200x, Assessment/Maintenance of existing HVACR Equipment in one- and two-family dwellings less than three stories (new standard)

Stakeholders: Consumers, HVAC contractors and HVAC residential equipment suppliers & manufacturers.

Project Need: Provide Residential HVAC contractors with industry standards for proper assessment/maintenance procedures to optimize operation, extended care, safety and health of existing HVAC systems.

A procedural checklist of the inspection and assessment points within the electrical, controls, mechanical and air distribution system of HVAC systems that require checking, cleaning, adjusting and/or replacing on a periodic basis to confirm that the numerous components within the HVAC system function safely, as designed, and at the highest level of operating efficiency.

BSR/ACCA 5 HVAC Extended Care-200x, Assessment/Maintenance of existing HVACR Equipment in all other buildings other than one- and two-family dwellings less than three stories (new standard)

Stakeholders: Building owners/managers, Consumers, HVAC contractors and HVAC equipment suppliers & manufacturers.

Project Need: Provide Commercial/industrial HVAC contractors with industry standards for proper assessment/maintenance procedures to optimize operation, extended care, safety and health of existing HVAC systems.

A procedural checklist of the inspection and assessment points within the electrical, controls, mechanical and air distribution system of HVAC systems that require checking, cleaning, adjusting and/or replacing on a periodic basis to confirm that the numerous components within the HVAC system function safely, as designed, and at the highest level of operating efficiency

## **AGMA (American Gear Manufacturers Association)**

**Office:** 500 Montgomery Street, Suite 350  
Alexandria, VA 22314-1560

**Contact:** William Bradley

**Fax:** (703) 684-0242

**E-mail:** tech@agma.org

BSR/AGMA 1012-200x, Gear Nomenclature, Definitions of Terms with Symbols (new standard)

Stakeholders: Manufacturers and users of gears used in power transmission systems.

Project Need: To provide designers and users of gears with a library of basic nomenclature to facilitate consistent communication.

This standard establishes the definitions of terms, symbols and abbreviations which may be used to communicate the technology and specifications of external and internal gear teeth. It provides definitive meanings by the use of words and illustrations, for commonly used gearing terms.

## **ANS (American Nuclear Society)**

**Office:** 555 North Kensington Avenue  
La Grange Park, IL 60526-5592

**Contact:** Pat Schroeder

**Fax:** (708) 352-6464

**E-mail:** pschroeder@ans.org

BSR/ANS 8.19-200x, Administrative Practices for Nuclear Criticality Safety (revision of ANSI/ANS 8.19-1996)

Stakeholders: National laboratories, universities, nuclear materials processors, professional and technical societies, suppliers of services, and the U.S. Government.

Project Need: An effective nuclear criticality safety program includes cooperation among management, supervision, and the nuclear criticality safety staff. This revision maintains, clarifies, and expands on existing interactions.

This standard provides criteria for the administration of a nuclear criticality safety program for outside-of-reactor operations in which there exists a potential for nuclear criticality accidents. Responsibilities of management, supervision, and the nuclear criticality safety staff are addressed. Objectives and characteristics of operating and emergency procedures are included.

**ASC X9 (Accredited Standards Committee X9, Incorporated)**

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Annapolis, MD 21403

**Contact:** *Isabel Bailey*

**Fax:** (410) 663-7554

**E-mail:** Isabel.Bailey@X9.org

BSR X9.109-200x, Domain Parameter and Key Pair Generation (new standard)

Stakeholders: Financial Services Industry - vendors of cryptographic products, financial institutions, validation testing laboratories, cryptography industry in general

Project Need: Organizes into one document methods for generating domain parameters and public-key/private-key pairs and for obtaining assurance of their correct generation and of a party's possession of a private key are essential components of any implementation of public-key cryptography.

Domain parameters and public-key/private-key pairs are an essential component of cryptographic security for many financial institutions, yet methods for generating them and obtaining assurance of their correct generation and of a party's possession of a private key have not generally been given the same level of attention in standards as methods for using the keys. As a result, many of today's cryptographic products do not obtain or provide the proper assurances for domain parameters and keys. This deficiency, if exploited, could result in a loss of cryptographic security.

**ASME (American Society of Mechanical Engineers)**

**Office:** Three Park Avenue, M/S 20N1  
New York, NY 10016

**Contact:** *Silvana Rodriguez*

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JonesG@asme.org

BSR/ASME MFC-11M-200x, Measurement of Fluid Flow by Means of Coriolis Flowmeters (revision of ANSI/ASME MFC-11M-2003)

Stakeholders: Flowmeter manufacturers and users.

Project Need: Establishes common terminology for this technology regarding the use, installation, and performance of these flowmeters.

This Standard gives guidelines for the selection, installation, calibration, and operation of Coriolis meters for the determination of mass flow, density, volume flow and other parameters. The content of this Standard is applied to the metering of liquids, gas, mixtures of gases and mixtures of liquids.

**ASSE (American Society of Sanitary Engineering)**

**Office:** 901 Canterbury Road, Suite A  
Westlake, OH 44145-1480

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BSR/ASSE 1013-200x, Performance Requirements for Reduced Pressure Principle Backflow Preventers and Reduced Pressure Fire Protection Principle Backflow Preventers (revision of ANSI/ASSE 1013-1999)

Stakeholders: Construction/plumbing industry

Project Need: Part of the standards periodic 5-year review cycle

Performance and design requirements for RP assemblies installed on potable water lines and RPF assemblies installed on fire system lines to protect the potable water system from contamination (pollutants and toxins) due to back siphonage and/or backflow. These devices are for high hazard applications.

BSR/ASSE 1015-200x, Performance Requirements for Double Check Backflow Prevention Assemblies and Double Check Fire Protection Backflow Prevention Assemblies (revision of ANSI/ASSE 1015-1999)

Stakeholders: Construction/plumbing industry

Project Need: Part of the standards periodic 5-year review cycle

Performance and design requirements for DC assemblies installed on potable water lines and DCF assemblies installed on fire system lines to protect the potable water system from contamination (pollutants) due to back siphonage and/or backflow. These devices are for low hazard applications only.

BSR/ASSE 1047-200x, Performance Requirements for Reduced Pressure Detector Fire Protection Backflow Prevention Assemblies (revision of ANSI/ASSE 1047-1999)

Stakeholders: Construction/plumbing industry

Project Need: Part of the standards periodic 5-year review cycle

Performance and design requirements for RPDA assemblies installed on fire system lines to protect the potable water system from contamination (pollutants and toxins) due to back siphonage and/or backflow. These devices are for high-hazard applications.

BSR/ASSE 1048-200x, Performance Requirements for Double Check Detector Fire Protection Backflow Prevention Assemblies (revision of ANSI/ASSE 1048-1999)

Stakeholders: Construction/plumbing industry

Project Need: Part of the standards periodic 5-year review cycle

Performance and design requirements for DCDA assemblies installed on fire system lines to protect the potable water system from contamination (pollutants) due to back siphonage and/or backflow. These devices are for low-hazard applications only.

**ASTM (ASTM International)**

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

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**E-mail:** hskloff@astm.org

BSR/ASTM WK5211-200x, Standard Test Method for Insolubles by Filtration (new standard)

Stakeholders: Users will be railroad, their suppliers, and contract analytical labs supporting the railroads.

Project Need: The filtration method has been found to correlate better with field performance for locomotive engines than the D893 centrifugation method.

Develop the insolubles method by the Locomotive Maintenance Officers Association (LMOA) as an ASTM Standard.

BSR/ASTM WK5259-200x, Descriptive Statistics (new standard)

Stakeholders: Creators of ASTM standards.

Project Need: Standardizes the common descriptive statistics used to manage, summarize and help interpret data.

A General development of the commonly required classical descriptive statistics used by Industrial and Laboratory professionals for describing and managing data.

**AWS (American Welding Society)**

**Office:** 550 N.W. LeJeune Road  
Miami, FL 33126

**Contact:** *Andrew Davis*

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**E-mail:** [adavis@aws.org](mailto:adavis@aws.org); [roneill@aws.org](mailto:roneill@aws.org)

BSR/AWS C1.5-200x, Specification for the Qualification of a Resistance Welding Technician (new standard)

Stakeholders: This publication would benefit and be used by manufacturing organizations involved with resistance welding, such as automotive, aerospace, resistance welding equipment manufacturers, and suppliers to industry.

Project Need: Provides a recognized standard for the education, experience, and training of personnel responsible for verifying resistance welding equipment capability, equipment set-up, maintenance, process control and post-weld quality assessment.

This specification establishes the requirements for qualification of Resistance Welding Technicians employed in the welding industry. The minimum experience, examination, application, qualification, and requalification requirements and methods are defined herein. This specification is a method for technicians to establish a record of their qualification and abilities in welding industry work such as development of machine trouble shooting, processes controls, quality standards, problem solving, etc.

**EIA (Electronic Industries Alliance)**

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BSR/EIA 364-91-200x, Dust Test Procedure for Electrical Connectors and Sockets (revision of ANSI/EIA 364-91-1996)

This standard establishes a test method to determine the susceptibility of an electrical connector or socket system to the potential degradation mechanism of a dust/fiber environment common to an office or manufacturing area.

**IAPMO (International Association of Plumbing & Mechanical Officials)**

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Ontario, CA 91761-2816

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**E-mail:** [chasgross@iapmo.org](mailto:chasgross@iapmo.org)

BSR/IAPMO Z124-200x, Plastic Bathtubs & Shower Units (revision, redesignation and consolidation of ANSI/IAPMO Z124.1-1995 and ANSI/IAPMO Z124.2-1995)

Stakeholders: consumer

Project Need: Nominated and voted affirmative by Z124 Main Committee members.

This standard covers physical requirements and test methods for performance requirements of materials and workmanship, and finish of plastic bathtub and shower units with or without walls manufactured integral with the bathtub and shower units; or as a multi-piece unit distributed as part of the bathtub and shower units. Such products shall meet the requirements as outlined in this standard.

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

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NIST  
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BSR N42.40-200x, Standard for Evaluation and Performance of High-Energy, X-Ray Interrogation Systems for Detection of Contraband of Concern in Homeland Security (new standard)

Stakeholders: Includes the USDHS, and emergency responders (fire departments, police and customs and border patrol members).

Project Need: To provide basic performance criteria for High-Energy, X-Ray Interrogation Systems to be used in homeland security applications.

This standard provides the testing and evaluation criteria for High-Energy X-Ray Interrogation Devices intended to detect contraband agents within a broad range of categories: explosive, chemical, biological, radiological, and/or nuclear. These systems may be employed for inspection of packages, baggage, containers, or vehicles in indoor, outdoor, or mobile facilities.

BSR N42.41-200x, Standard for Evaluation and Performance of High-Energy, X-Ray Interrogation Systems for Detection of Contraband of Concern in Homeland Security (new standard)

Stakeholders: Includes the USDHS, and emergency responders (fire departments, police and customs and border patrol members).

Project Need: To provide basic performance criteria for High-Energy, X-Ray Interrogation Systems to be used in homeland security applications

This standard provides the testing and evaluation criteria for High-Energy X-Ray Interrogation Devices intended to detect contraband agents within a broad range of categories: explosive, chemical, biological, radiological, and/or nuclear. These systems may be employed for inspection of packages, baggage, containers, or vehicles in indoor, outdoor, or mobile facilities.

**IPC (IPC - Association Connecting Electronics Industries)**

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Northbrook, IL 60062

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BSR/IPC 1066-200x, Marking, Symbols and Labels for Identification of Lead Free and Other Reportable Material in Lead (Pb) Free Assemblies, Components and Devices (new standard)

Stakeholders: Electronic Manufacturing Industry

Project Need: Provides a distinctive symbol and labels to be used to identify those assemblies, components or devices that are Pb-free and/or are capable of providing Pb-free 2nd level interconnects.

This document shall apply to all electronic components including passives, connectors, solid-state components and other devices which use solder to attach to the device/component to the board or assembly.



**SCTE (Society of Cable Telecommunications Engineers)**

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Exton, PA 19341

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BSR/SCTE 06-1999 (R200x), Composite Distortion Measurements (CTB, CSO) (reaffirmation of ANSI/SCTE 06-1999)

Stakeholders: Cable Telecommunication Industry

Project Need: Up for five-year reaffirmation

This document describes a test procedure for the laboratory and production measurement of composite distortion products. There are two types of composite distortions considered: Composite Second Order and Composite Triple Beat. In order to obtain a stable, repeatable measurement, this test procedure describes testing performed with continuous wave (CW) carriers. Minor editorial changes will be made to this document.

**TIA (Telecommunications Industry Association)**

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BSR/TIA 568.0-C-200x, Generic Customer-Owned Telecommunications Cabling (new standard)

Stakeholders: telecomm

Project Need: Create a new standard

This document will define the generic cabling system designed to support a wide variety of voice, data, video, and other low-voltage, power-limited applications.

## 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](http://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](mailto: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.

# 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](http://www.ansi.org). All paper copies are available from Global Engineering Documents.

**Weblinks are now provided from *Standards Action* to ANSI's Electronic Standards Store. To purchase a PDF copy of the desired standard, click on the blue, underlined designation.**

## ISO Standards

### AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO 1735:2004](#), Cheese and processed cheese products - Determination of fat content - Gravimetric method (Reference method), \$63.00

### AIR QUALITY (TC 146)

[ISO 16000-1:2004](#), Indoor air - Part 1: General aspects of sampling strategy, \$78.00

[ISO 16000-2:2004](#), Indoor air - Part 2: Sampling strategy for formaldehyde, \$58.00

### ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

[ISO 10651-2:2004](#), Lung ventilators for medical use - Particular requirements for basic safety and essential performance - Part 2: Home care ventilators for ventilator-dependent patients, \$92.00

[ISO 10651-6:2004](#), Lung ventilators for medical use - Particular requirements for basic safety and essential performance - Part 6: Home-care ventilatory support devices, \$88.00

### CINEMATOGRAPHY (TC 36)

[ISO 2467:2004](#), Cinematography - Image area produced by 65 mm/5 perforation motion-picture camera aperture and maximum projectable image area on 70 mm/5 perforation motion-picture prints - Positions and dimensions, \$32.00

### CRYOGENIC VESSELS (TC 220)

[ISO 21028-1:2004](#), Cryogenic vessels - Toughness requirements for materials at cryogenic temperature - Part 1: Temperatures below -80 degrees C, \$38.00

### ERGONOMICS (TC 159)

[ISO 11064-4:2004](#), Ergonomic design of control centres - Part 4: Layout and dimensions of workstations, \$92.00

### ESSENTIAL OILS (TC 54)

[ISO 4733:2004](#), Oil of cardamom [*Elettaria cardamomum* (L.) Maton], \$43.00

### FLUID POWER SYSTEMS (TC 131)

[ISO 16874:2004](#), Hydraulic fluid power - Identification of manifold assemblies and their components, \$38.00

[ISO 21287:2004](#), Pneumatic fluid power - Cylinders - Compact cylinders, 1000 kPa (10 bar) series, bores from 20 mm to 100 mm, \$43.00

### GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

[ISO 19106:2004](#), Geographic information - Profiles, \$92.00

### HYDROMETRIC DETERMINATIONS (TC 113)

[ISO 6416:2004](#), Hydrometry - Measurement of discharge by the ultrasonic (acoustic) method, \$113.00

### INDUSTRIAL TRUCKS (TC 110)

[ISO 22883:2004](#), Castors and wheels - Requirements for applications up to 1,1 m/s (4 km/h), \$72.00

### LABORATORY GLASSWARE AND RELATED APPARATUS (TC 48)

[ISO 4797:2004](#), Laboratory glassware - Boiling flasks with conical ground joints, \$32.00

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

[ISO 10417:2004](#), Petroleum and natural gas industries - Subsurface safety valve systems - Design, installation, operation and redress, \$92.00

### MECHANICAL VIBRATION AND SHOCK (TC 108)

[ISO 18649:2004](#), Mechanical vibration - Evaluation of measurement results from dynamic tests and investigations on bridges, \$83.00

### NON-DESTRUCTIVE TESTING (TC 135)

[ISO 19232-1:2004](#), Non-destructive testing - Image quality of radiographs - Part 1: Image quality indicators (wire type) - Determination of image quality value, \$38.00

[ISO 19232-2:2004](#), Non-destructive testing - Image quality of radiographs - Part 2: Image quality indicators (step/hole type) - Determination of image quality value, \$38.00

[ISO 19232-3:2004](#), Non-destructive testing - Image quality of radiographs - Part 3: Image quality classes for ferrous metals, \$49.00

[ISO 19232-4:2004](#), Non-destructive testing - Image quality of radiographs - Part 4: Experimental evaluation of image quality values and image quality tables, \$32.00

[ISO 19232-5:2004](#), Non-destructive testing - Image quality of radiographs - Part 5: Image quality indicators (duplex wire type) - Determination of image unsharpness value, \$32.00

### NUCLEAR ENERGY (TC 85)

[ISO 6962:2004](#), Nuclear energy - Standard method for testing the long-term alpha irradiation stability of matrices for solidification of high-level radioactive waste, \$43.00

### PAINTS AND VARNISHES (TC 35)

[ISO 2810:2004](#), Paints and varnishes - Natural weathering of coatings - Exposure and assessment, \$53.00

## PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

[ISO 22608:2004](#), Protective clothing - Protection against liquid chemicals - Measurement of repellency, retention, and penetration of liquid pesticide formulations through protective clothing materials, \$53.00

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

[ISO 9393-1:2004](#), Thermoplastics valves for industrial applications - Pressure test methods and requirements - Part 1: General, \$43.00

[ISO 14531-2:2004](#), Plastics pipes and fittings - Crosslinked polyethylene (PE-X) pipe systems for the conveyance of gaseous fuels - Metric series - Specifications - Part 2: Fittings for heat-fusion jointing, \$88.00

## PLASTICS (TC 61)

[ISO 8256:2004](#), Plastics - Determination of tensile-impact strength, \$63.00

## PUMPS (TC 115)

[ISO 13710:2004](#), Petroleum, petrochemical and natural gas industries - Reciprocating positive displacement pumps, \$137.00

## ROAD VEHICLES (TC 22)

[ISO 6969:2004](#), Road vehicles - Sound signalling devices - Tests after mounting on vehicle, \$38.00

[ISO 7637-2:2004](#), Road vehicles - Electrical disturbances from conduction and coupling - Part 2: Electrical transient conduction along supply lines only, \$102.00

[ISO 15829:2004](#), Road vehicles - Side impact test procedures for the evaluation of occupant interactions with side airbags by pole impact simulation, \$67.00

## ROUND STEEL LINK CHAINS, CHAIN SLINGS, COMPONENTS AND ACCESSORIES (TC 111)

[ISO 2415:2004](#), Forged shackles for general lifting purposes - Dee shackles and bow shackles, \$72.00

## SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 3434/Amd1:2004](#), Shipbuilding - Heated glass panes for ships windows - Amendment 1, \$12.00

[ISO 14612:2004](#), Ships and marine technology - Ships bridge layout and associated equipment - Additional requirements and guidelines for centralized and integrated bridge functions, \$83.00

## SMALL TOOLS (TC 29)

[ISO 1832:2004](#), Indexable inserts for cutting tools - Designation, \$78.00

## SOIL QUALITY (TC 190)

[ISO 11275:2004](#), Soil quality - Determination of unsaturated hydraulic conductivity and water-retention characteristic - Winds evaporation method, \$53.00

## WATER QUALITY (TC 147)

[ISO 6107-6:2004](#), Water quality - Vocabulary, \$113.00

## WELDING AND ALLIED PROCESSES (TC 44)

[ISO 14172/Cor1:2004](#), Corrigendum, FREE

[ISO 17633:2004](#), Welding consumables - Tubular cored electrodes and rods for gas shielded and non-gas shielded metal arc welding of stainless and heat-resisting steels - Classification, \$83.00

## ISO Technical Specifications

### ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

[ISO/TS 18835:2004](#), Inhalational anaesthesia systems - Draw-over vaporizers and associated equipment, \$72.00

### EARTH-MOVING MACHINERY (TC 127)

[ISO/TS 9250-1:2004](#), Earth-moving machinery - Multilingual listing of equivalent terms - Part 1: General, \$67.00

[ISO/TS 9250-2:2004](#), Earth-moving machinery - Multilingual listing of equivalent terms - Part 2: Performance and dimensions, \$67.00

## ISO/IEC JTC 1, Information Technology

[ISO/IEC 7816-15/Cor1:2004](#), Corrigendum, FREE

[ISO/IEC 14496-18:2004](#), Information technology - Coding of audio-visual objects - Part 18: Font compression and streaming, \$67.00

[ISO/IEC 14515-1/Amd1:2004](#), Information technology - Portable Operating System Interface (POSIX) - Test methods for measuring conformance to POSIX - Part 1: System interfaces - Amendment 1: Realtime Extension (C Language), \$248.00

[ISO/IEC 15504-4:2004](#), Information technology - Process assessment - Part 4: Guidance on use for process improvement and process capability determination, \$97.00

[ISO/IEC 15938-5/Amd1:2004](#), - Amendment 1: Multimedia description schemes extensions, \$125.00

## ISO/IEC JTC 1 Technical Reports

[ISO/IEC TR 15446:2004](#), Information technology - Security techniques - Guide for the production of Protection Profiles and Security Targets, \$165.00

## IEC Standards

### CAPACITORS AND RESISTORS FOR ELECTRONIC EQUIPMENT (TC 40)

[IEC 60384-21 Ed. 1.0 en:2004](#), Fixed capacitors for use in electronic equipment - Part 21: Sectional specification: Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1, \$103.00

[IEC 60384-21-1 Ed. 1.0 en:2004](#), Fixed capacitors for use in electronic equipment - Part 21-1: Blank detail specification: Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1 - Assessment level EZ, \$52.00

[IEC 60384-22 Ed. 1.0 en:2004](#), Fixed capacitors for use in electronic equipment - Part 22: Sectional specification: Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2, \$103.00

[IEC 60384-22-1 Ed. 1.0 en:2004](#), Fixed capacitors for use in electronic equipment - Part 22-1: Blank detail specification: Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2 - Assessment level EZ, \$52.00

### ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

[IEC 60601-1-6 Ed. 1.0 b:2004](#), Medical electrical equipment - Part 1-6: General requirements for safety - Collateral standard: Usability, \$158.00

**FIBRE OPTICS (TC 86)**

[IEC 61300-2-47 Ed. 1.0 b:2004](#), Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-47: Tests - Thermal shocks, \$30.00

**FUSES (TC 32)**

[IEC 60269-2-1 Ed. 4.0 b:2004](#), Low-voltage fuses - Part 2-1: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) - Sections I to VI: Examples of types of standardized fuses, \$211.00

**INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)**

[IEC/TR 61499-3 Ed. 1.0 en:2004](#), Function blocks for industrial-process measurement and control systems - Part 3: Tutorial information, \$118.00

**INSULATING MATERIALS (TC 15)**

[IEC 60371-2 Ed. 3.0 b:2004](#), Specification for insulating materials based on mica - Part 2: Methods of test, \$87.00

[IEC 60641-2 Ed. 2.0 b:2004](#), Pressboard and presspaper for electrical purposes - Part 2: Methods of tests, \$87.00

**INSULATION CO-ORDINATION (TC 28)**

[IEC/TR 60071-4 Ed. 1.0 en:2004](#), Insulation co-ordination - Part 4: Computational guide to insulation co-ordination and modelling of electrical networks, \$198.00

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

[IEC 60927 Amd.2 Ed. 2.0 b:2004](#), Amendment 2 - Auxiliaries for lamps - Starting devices (other than glow starters) - Performance requirements, \$17.00

**LASER EQUIPMENT (TC 76)**

[IEC 60825-2 Ed. 3.0 en:2004](#), Safety of laser products - Part 2: Safety of optical fibre communication systems (OFCS), \$118.00

**OTHER**

[CISPR 11 Ed. 4.1 b:2004](#), Industrial, scientific and medical (ISM) radio-frequency equipment - Electromagnetic disturbance characteristics - Limits and methods of measurement, \$118.00

[CISPR 16-1-3 Ed. 2.0 b:2004](#), Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-3: Radio disturbance and immunity measuring apparatus - Ancillary equipment - Disturbance power, \$95.00

[CISPR 16-2-2 Ed. 1.1 b:2004](#), Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-2: Methods of measurement of disturbances and immunity - Measurement of disturbance power, \$118.00

**SMALL HOUSEHOLD APPLIANCES (TC 59L)**

[IEC 60619 Amd.2 Ed. 2.0 b:2004](#), Amendment 2 - Electrically operated food preparation appliances - Methods for measuring the performance, \$16.00

# 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) 642-4946.

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

AOL

Organization: American Online  
22000 AOL Way  
Dulles, VA 20166  
Contact: Zhihong Zhang  
PHONE: 703-265-2522; FAX: 703-265-1343  
E-mail: [Zhang@aol.net](mailto:Zhang@aol.net)

Public review: June 2, 2004 to August 31 2004

Department of Energy, Office of Cyber Security

Organization: Department of Energy, Office of Cyber Security  
1000 Independence Avenue, SW  
IM-30  
Washington, DC 20585  
Contact: Carol Bales  
PHONE: 202-586-7865  
E-mail: [carol.bales@hg.doe.gov](mailto:carol.bales@hg.doe.gov)

Public review: May 5, 2004 to August 3, 2004

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](mailto: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

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## ANSI Accredited Standards Developers

### Withdrawal of Accreditation

#### ASC C89 - Specialty Trnsformers

The accreditation of ANSI-Accredited Standards Committee C89, Specialty Transformers, is being withdrawn at the request of its Secretariat, the National Electrical Manufacturers Institute (NEMA), due to inactivity. This action is taken, effective August 9, 2004. Currently, there are no American National Standards being maintained by this ASC. For additional information, please contact: Ms. Jean French, VP, Engineering, NEMA, 1300 North 17th Street, Suite 1847, Rosslyn, VA 22209; PHONE: (703) 841-3252; FAX: (703) 841-3352; E-mail: [jea\\_french@nema.org](mailto:jea_french@nema.org).