ANSI STANDARDS ACTION

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Contents

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American National Standards

Call for comment on proposals listed

See page 28 for Procedural Revisions

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

⋆ Standard for consumer products

Ordering Instructions for "Call-for-Comment" Listings

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

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

ISSN 0038-9633

Comment Deadline: May 13, 2002

ACI (American Concrete Institute)

New Standards

BSR/ACI 330.1-200x, Specification for Unreinforced Concrete Parking Lots (new standard)

Covers minimum requirements for the construction of unreinforced concrete parking lots on grade. Included are requirements for materials, placing, texturing, curing, jointing, and opening to traffic.
Single copy price: $15.00

Obtain an electronic copy from: www.aci-int.org
Order from: ACI, Attn: Member Services: (248) 848-3808
Send comments (with copy to BSR) to: Shannon Banchero, ACI; shannon.banchero@aci-int.org

ATIS (Alliance for Telecommunications Industry Solutions)

New Standards

BSR T1.721-200x, PCS1900 and GSM 850 References - GSM specifications (Release 99 & Release 4 & GTT) (new standard)

Single copy price: $68.00, Electronic downloads are free

Obtain an electronic copy from: ftp://ftp.t1.org/pub/ansi/bsr8/lb1049.pdf
Order from: Jacqueline Brown-Ervin, ATIS (ASC T1); jbrown@atis.org
Send comments (with copy to BSR) to: Susan Carioti, ATIS (ASC T1); scarioti@atis.org

BSR T1.722-200x, UMTS References - 3G specifications (Release 99, Release 4 &GTT) (new standard)

Provides the North American PCS industry with information on the Third Generation (3G) technology known as Wideband CDMA in order to ensure interoperability between equipment. This standard includes the core standards for evolution to 3rd generation, and includes the Radio Interface and the Core Network Specifications for Universal Mobile Telecommunications System (UMTS).
Single copy price: $68.00, Electronic downloads are free

Obtain an electronic copy from: ftp://ftp.t1.org/pub/ansi/bsr8/lb1050.pdf
Order from: Jacqueline Brown-Ervin, ATIS (ASC T1); jbrown@atis.org
Send comments (with copy to BSR) to: Susan Carioti, ATIS (ASC T1); scarioti@atis.org

Supplements

BSR T1.105.02a-200x, Telecommunications - Synchronous Optical Network (SONET) - Payload Mappings (Mappings for GFP-based Signals) (supplement to ANSI T1.105.02-2001)

Provides the mapping information for tributary signals comprised of Generic Framing Procedure frames.
Single copy price: $53.00 hardcopy, electronic downloads are free

Obtain an electronic copy from: ftp://ftp.t1.org/pub/ansi/bsr8/lb1046.pdf
Order from: Jacqueline Brown-Ervin, ATIS (ASC T1); jbrown@atis.org
Send comments (with copy to BSR) to: Susan Carioti, ATIS (ASC T1); scarioti@atis.org

ITI (INCITS)

New Standards

BSR INCITS 361:200x, Information technology - AT Attachment with Packet Interface - 6 (ATA/ATAPI-6) (new standard)

Specifies the AT Attachment Interface between host systems and storage devices. It provides a common attachment interface for systems manufacturers, system integrators, software suppliers, and suppliers of intelligent storage devices. The application environment for the AT Attachment Interface is any host system that has storage devices contained within the processor enclosure.
Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/cgi-bin/detail?product_id=932242
Order from: Techstreet; service@techstreet.com
Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS); bbennett@itic.org

BSR INCITS 363:200x, Information Technology - BIOS Enhanced Disk Drive Services - 2 (EDD-2) (new standard)

Assumes that the reader is familiar with the conventional INT 13h interface, the usage of the BIOS Device Parameter Table, and the basic operation of mass storage devices. This standard describes in detail BIOS functions and data structures that are used as an abstraction layer to allow higher-level applications to access mass storage devices in an interface and command-set independent manner.

Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/cgi-bin/detail?product_id=940075
Order from: Techstreet: service@techstreet.com
Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS); bbennett@itic.org

New National Adoptions

BSR/ISO/IEC DIS 16262-200x, Information Technology - ECMAScript Language Specification (new national adoption)

This Standard defines the ECMAScript scripting language.
Single copy price: $110.00

Obtain an electronic copy from: http://webstore.ansi.org/ansidocstore
Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

Reaffirmations

BSR X3.31:1988 (R200x), Structure for the Identification of the Counties and County Equivalents of the United States and its Outlying and Associated Areas for Information Interchange (reaffirmation of ANSI X3.31:1988 (R1994))

This Standard establishes a structure for the assignment of identifying data codes to counties and county equivalents of the United States and its outlying and associated areas, for the purpose of information interchange among data processing systems.
Single copy price: $18.00

Obtain an electronic copy from: http://webstore.ansi.org/ansidocstore/find.asp?
Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS); bbennett@itic.org

BSR X3.99-1983, Optical Character Recognition (OCR) Print Quality, Guideline for (reaffirmation of ANSI X3.99-1983 (R1997))

Describes the print quality parameters and measuring techniques for determining the quality of machine-printed characters to maximize the likelihood that they can be read by electro-optical means.
Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/cgi-bin/joint.cgi/ncits/cgi-bin/detail?product_id=56319
Order from: INCITS
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

BSR X3.111-1986, Information Systems - Optical Character Recognition (OCR) - Matrix Character Sets for OCR-M (reaffirmation of ANSI X3.111-1986 (R1997))

Describes the matrix of dot placement and size limits for OCR-MA alphanumeric characters and symbols for optical character recognition (OCR) systems.

Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/cgi-bin/joint.cgi/ncits/cgi-bin/detail?product_id=56132

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

BSR X3.124-1985, Graphical Kernel System (GKS) Functional Description (reaffirmation of ANSI X3.124-1985 (R1996))

Specifies a set of functions for computer graphics programming (GKS).
Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/cgi-bin/joint.cgi/ncits/cgi-bin/detail?product_id=56143
Order from: INCITS
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

BSR X3.209-1992, Information Systems - Optical Character Recognition (OCR) - Matrix Character Sets for OCR-MB (reaffirmation of ANSI X3.209-1992 (R1997))

Describes the matrix of dot placement and size limits for OCR-MB alphanumeric characters and symbols for optical character recognition (OCR) systems.
Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/cgi-bin/joint.cgi/ncits/cgi-bin/detail?product_id=56197
Order from: INCITS
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

BSR X3.222-1997, Information Technology - High-Performance Parallel Interface - Physical Switch Control (HIPPI-SC) (reaffirmation of ANSI X3.222-1997)

Provides switch control for physical layer switches using the High-Performance Parrallel Interface (HIPPI), a high-performance point-to-point interface between data-processing equipment. This standard does not protect against errors introduced by intermediate devices interconnecting multiple HIPPI-PHs.
Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/cgi-bin/joint.cgi/ncits/cgi-bin/detail?product_id=56210
Order from: INCITS
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

BSR X3.296-1997, Information Technology--Single-Byte Command Code Sets CONnection (SBCON) Architecture (reaffirmation of ANSI X3.296-1997)

Describes an input/output (I/O) and interconnection architecture, SBCON specifies fiber optic links, switched point-to-point topology, and I/O protocols for high bandwidth, high performance and long distance information exchange.
Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/cgi-bin/joint.cgi/ncits/cgi-bin/detail?product_id=56272
Order from: INCITS
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

BSR X3.297-1997, Information Technology - Fibre Channel - Physical and Signalling Interface-2 (FC-PH-2) (reaffirmation of ANSI X3.297-1997)

Describes the enhancement to ANSI X3.230-1994, American National Standard for Information Technology - Fiber Channel - Physical and Signaling Interface (FC-PH) and is an addendum to the FC-PH document.
Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/cgi-bin/joint.cgi/ncits/cgi-bin/detail?product_id=56273
Order from: INCITS
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

BSR X3.300-1997, Information Technology - High-Performance Parallel Interface - Serial Specification (HIPPI-Serial) (reaffirmation of ANSI X3.300-1997)

Specifies a physical-level interface for transmitting digital data at 800 Mbit/s or 1600 Mbit/s serially over fiber-optic cables across distances of up to 10 km. The signalling sequences and protocol used are compatible with American National Standard for Information Systems - High-Performance Parallel Interface (HIPPI-PH), ANSI X3.183-1991, which is limited to 25-meter distances. HIPPI-Sereial may be integrated as a host's native interface, or used as an external extender for HIPPI-PH ports.
Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/cgi-bin/joint.cgi/ncits/cgi-bin/detail?product_id=56275
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BSR/ISO 9593-1-1990 (R1997) , Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings (Part 1: FORTRAN). (reaffirmation of ANSI/ISO 9593-1-1990 (R1997))

Specifies a language-independent nucleus of a graphics system. For integration into a programming language, PHIGS is embedded in a language-dependent layer obeying the particular conventions of that language. This standard specifies such a language-dependent layer for the FORTRAN language.
Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/ncitsgate.html
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BSR/ISO 9593-4-1991 (R1997) , Computer graphics - Programmers Hierarchical Interactive Graphics System (PHIGS) language bindings - Part 4: C (reaffirmation of ANSI/ISO 9593-4-1991 (R1997))

Specifies a language-independent nucleus of a graphics system. For integration into a programming language, PHIGS is embedded in a language-dependent layer obeying the particular conventions of that language. This standard specifies such a language-dependent layer for the C language.
Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/ncitsgate.html
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Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

BSR/ISO/IEC 9636-2-1991, Computer Graphics - Interfacing Techniques for Dialogues with Graphical˝Devices (CGI) - Functional Specification - Part 2: Control (reaffirmation of ANSI/ISO/IEC 9636-2-1991 (R1997))

This part of ISO/IEC 9636 establishes those functions of the Computer Graphics Interface concerned with Virtual Device Management, coordinate space control, and error control.
Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/ncitsgate.html
Order from: INCITS
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BSR/ISO/IEC 9636-3-1991, Computer Graphics - Interfacing Techniques for Dialogues with Graphical˝Devices (CGI) - Functional Specification - Part 3: Output (reaffirmation of ANSI/ISO/IEC 9636-3-1991 (R1997))

This part of 9636 establishes those functions of the Computer Graphics Interface concerned with output primitives and associated attributes and controls for creating graphical pictures.

Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/ncitsgate.html
Order from: INCITS
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

BSR/ISO/IEC 9636-4-1991, Computer Graphics - Interfacing Techniques for Dialogues with Graphical Devices (CGI) - Functional Specification - Part 4: Segments (reaffirmation of ANSI/ISO/IEC 9636-4-1991 (R1997))

This part of 9636 defines those functions of the Computer Graphics Interface concerned with the creation, modification, and manipulation of graphic pictures using segments.
Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/ncitsgate.html
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Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

BSR/ISO/IEC 9636-5-1991, Computer Graphics - Interfacing Techniques for Dialogues with Graphical Devices (CGI) - Functional Specification - Part 5: Input and Echoing (reaffirmation of ANSI/ISO/IEC 9636-5-1991 (R1997))

This part of 9636 defines those functions of the Computer Graphics Interface concerned with obtaining graphical and non-graphical input from a Virtual Device of device class INPUT or OUTIN. This part of 9636 also defines functions to support echoing of input operations on separate Virtual Devices.
Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/ncitsgate.html
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BSR/ISO/IEC 9636-6-1991, Computer Graphics - Interfacing Techniques for Dialogues with Graphical Devices (CGI) - Functional Specification - Part 6: Raster (reaffirmation of ANSI/ISO/IEC 9636-6-1991 (R1997))

This part of 9636 defines those functions of the Computer Graphics Interface concerned with creating, modifying, retrieving, and displaying protions of an image stored as pixel data. It includes functionality for combining such images.
Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/ncitsgate.html
Order from: INCITS
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

BSR/ISO/IEC 9636-1-1991 (R1997), Computer graphics - Interfacing techniques for dialogues with graphical˝ devices (CGI) - Functional specification - Part 1: Overview, profiles, and conformance (reaffirmation of ANSI/ISO/IEC 9636-1-1991 (R1997))

This part of ISO/IEC 9636 establishes the conceptural model, functional capability, and minimum conformance requirements of the Computer Graphics Interface (CGI). It specifies design requirements for encodings of the CGI.
Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/ncitsgate.html
Order from: INCITS
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

Withdrawals

ANSI X3.290-1997, Information Technology - Intelligent Peripheral Interface - Device Generic Command Set for Magnetic Tape Drives (withdrawal of ANSI X3.290-1997)

The purpose of this standard is to facilitate the development and utilization of an intelligent interface which permits the interconnection of multiple peripheral types such as disk, tape, communications, to a controller. It provides a definition of the device-generic portion of a family of standards called the Intelligent Peripheral Interface (IPI).
Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/cgi-bin/joint.cgi/ncits/cgi-bin/detail?product_id=52667
Order from: INCITS
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

ANSI X3.291-1997, Information Technology - Intelligent Peripheral Interface - Device Generic˝Command Set for Magnetic and Optical Disk Drives (withdrawal of ANSI X3.291-1997)

Describes the Logical Level 3 (generic command level) Interface for magnetic and optical disk drives. The purpose of this standard is to facilitate the development and utilization of an intelligent interface which permits the interconnection of a controller to multiple peripheral types such as disk, tape, or communications.
Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/cgi-bin/joint.cgi/ncits/cgi-bin/detail?product_id=55754
Order from: INCITS
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

ANSI X3.299-1997, Information Technology - High-Performance Parallel Interface - Mapping to˝Asynchronous Transfer Mode (HIPPI-ATM)˝ (withdrawal of ANSI X3.299-1997)

Defines the frame formats and protocol definitions for encapsulation of High-Performance Parallel Interface - Mechanical, Electrical and SignallingProtocol Specification (HIPPI-PH) packets for transfer over Asynchronous Transfer Mode (ATM) equipment, i.e., tunneling through ATM, or for use with other media. An informative annex describes an IP Router for use between HIPPI and ATM systems.
Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/cgi-bin/joint.cgi/ncits/cgi-bin/detail?product_id=56274
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NCSL (National Conference of Standards Laboratories)

Reaffirmations

BSR/NCSL Z540.1-1994, Calibration Laboratories and Measuring and Test Equipment - General Requirements (reaffirmation of ANSI/NCSL Z540.1-1994)

This standard provides a mechanism for promoting confidence in calibration laboratories and measuring and test equipment when it can be shown that they are operated in compliance with its requirements.
Single copy price: $20.00 member, $45.00 non-member

Obtain an electronic copy from: cgulka@ncsli.org
Order from: NCSL (ASC Z540) Att: Sales
Send comments (with copy to BSR) to: Same

NSF (NSF International)

Revisions

BSR/NSF 42-200x, Drinking Water Treatment Units - Aesthetic Effects (i33) (revision of ANSI/NSF 42-2002)

Issue 33: Revise acceptable arsenic concentration for material extraction testing
Single copy price: $35.00

Obtain an electronic copy from: www.nsf.org/publications
Order from: Techstreet; service@techstreet.com
Send comments (with copy to BSR) to: T. Duncan Ellison c/o Jane Wilson (734) 827-6825 or mwilson@nsf.org

BSR/NSF 44-200x, Residential Cation Exchange Water Softeners (i10) (revision of ANSI/NSF 44-2002)

Issue 10: Revise acceptable arsenic concentration for material extraction testing
Single copy price: $35.00

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Send comments (with copy to BSR) to: T. Duncan Ellison c/o Jane Wilson (734) 827-6825 or mwilson@nsf.org

BSR/NSF 53-200x, Drinking Water Treatment Units - Health Effects (i33) (revision of ANSI/NSF 53-2002)

Issue 33: Revise acceptable arsenic concentration for material extraction testing
Single copy price: $35.00

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BSR/NSF 55-200x, Ultraviolet Microbiological Water Treatment Systems (i8) (revision of ANSI/NSF 55-2002)

Issue 8: Revise acceptable arsenic concentration for material extraction testing
Single copy price: $35.00

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Send comments (with copy to BSR) to: T. Duncan Ellison c/o Jane Wilson (734) 827-6825 or mwilson@nsf.org

BSR/NSF 58-200x, Reverse Osmosis Drinking Water Treatment Systems (i22) (revision of ANSI/NSF 58-2002)

Issue 22: Revise acceptable arsenic concentration for material extraction testing
Single copy price: $35.00

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BSR/NSF 62-200x, Drinking Water Distillation Systems (i4) (revision of ANSI/NSF 62-1999)

Issue 4: Revise acceptable arsenic concentration for material extraction testing
Single copy price: $35.00

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TIA (Telecommunications Industry Association)

Supplements

BSR/TIA/EIA 568-B.2-4-200x, Commercial Building Telecommunications Cabling Standard - Part 2: Balanced Twisted Pair Cabling Components - Addendum 4 - Solderless Connection Reliability Requirements for Copper Connecting Hardware (supplement to ANSI/TIA/EIA 568-B.2-2001)

(SP-3-4426-AD4) This standard specifies solderless connection reliability requirements for copper connecting hardware used in commercial building telecommunications.

Single copy price: $38.00

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

BSR/TIA/EIA 570-A-3-200x, Residential Telecommunications Cabling Standard - Addendum 2 - Control Cabling for Residences (supplement to ANSI/TIA/EIA 570-A-1999)

This addendum focuses on control cabling for residences.
Single copy price: $39.00

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

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 514B-200x, Standard for Safety for Conduit, Tubing, and Cable Fittings (new standard)

Covers fittings for use with cable and conduit intended for installation in accordance with the “American National Standard National Electrical Code,” ANSI/NFPA 70, the Canadian Electrical Code (CEC), Part I, CSA C22.1, and Standard for Electrical Installations, NOM-001-SEDE.
Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com
Order from: comm2000
Send comments (with copy to BSR) to: Mitchell Gold, UL-IL; Mitchell.Gold@us.ul.com

Revisions

BSR/UL 1008-200x, Standard for Safety for Transfer Switch Equipment (Bulletin dated: 02/06) (revision of ANSI/UL 1008-1998)

Allows a supplementary protector having a short circuit rating of 1000 amps to be used as the overload device between a generator, up to 150 KW, and the load.
Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com
Order from: comm2000, Reference Bulletin Dated: 02/06/02
Send comments (with copy to BSR) to: Helen Ketcham, UL-NY; Helen.W.Ketcham@us.ul.com

BSR/UL 1660-200x, Standard for Safety for Liquid-Tight Flexible Nonmetallic Conduit (Bulletin 3/29/02) (revision of ANSI/UL 1660-1999)

Revision of pull values for the secureness of fittings test in Section 12.
Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com
Order from: comm2000
Send comments (with copy to BSR) to: Paul Lloret, UL-CA; Paul.E.Lloret@us.ul.com

BSR/UL 1660-200x, Standard for Safety for Liquid-Tight Flexible Nonmetallic Conduit (Bulletin 3/29/02) (revision of ANSI/UL 1660-1999)

Deletion of scope paragraph, 1.15 because of duplication in the

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BSR/UL 1660-200x, Standard for Safety for Liquid-Tight Flexible Nonmetallic Conduit (Bulletin 3/29/02) (revision of ANSI/UL 1660-1999)

Revision of scope paragraphs to eliminate outdated references to the Articles in the NEC.

Single copy price: Contact comm2000 for pricing and delivery options

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Order from: comm2000
Send comments (with copy to BSR) to: Paul Lloret, UL-CA; Paul.E.Lloret@us.ul.com

BSR/UL 1694-200x, Standard for Safety for Tests for Flammability of Small Polymeric Component Materials (revision of ANSI/UL 1694-1998)

Applicable to small components which contain materials that cannot be fabricated into standardized specimens in the minimum use thickness and subjected to applicable pre-selection tests. Test procedures specified have been determined to be applicable to small components with an overall volume of less than 2500 mm3 (0.15 in3). Test procedures may not be applicable to small components with an overall volume greater than 2500 mm3 (0.15 in3).

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com
Order from: comm2000, Reference Standard Dated 02/18/02
Send comments (with copy to BSR) to: Helen Ketcham, UL-NY; Helen.W.Ketcham@us.ul.com

BSR/UL 60065-200x, Audio, Video and Similar Electronic Apparatus - Safety Requirements (revision and redesignation of ANSI/UL 1998-1999)

This International Safety Standard applies to electronic apparatus designed to be fed from the MAINS, from a SUPPLY APPARATUS, from batteries or from REMOTE POWER FEEDING and intended for reception, generation, recording or reproduction respectively of audio, video and associated signals. It also applies to apparatus designed to be used exclusively in combination with the above-mentioned apparatus.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com
Order from: comm2000, Reference Bulletin Dated: March 13, 2002
Send comments (with copy to BSR) to: Linda Phinney, UL-CA; Linda.L.Phinney@us.ul.com

Comment Deadline: May 28, 2002

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

AAMI (Association for the Advancement of Medical Instrumentation)

Revisions

BSR/AAMI/IEC 60601-1-200x, Medical Electrical Equipment - Part 1: General Requirements for Safety and Essential Performance (revision and redesignation of ANSI/AAMI ES1-1993)

This revision adopts in partial the international standard IEC 60601-1, Ed.3. It is a baseline of standards for the safety of all medical electrical equipment used by or under the supervision of qualified personnel in the general medical and patient environment. Also contains certain requirements for reliable operation to ensure safety.

Single copy price: $50.00 members; $100.00 for non-members

Order from: AAMI, Attn: Customer Service Department; (703) 525-4890 ext. 217]
Send comments (with copy to BSR) to: Nick Tongson, AAMI; ntongson@aami.org

ASME (American Society of Mechanical Engineers)

New Standards

BSR/ASME PTC 50-200x, Fuel Cell Power Systems Performance (new standard)

Provides test procedures, methods and definitions for the performance characterization of fuel cell power systems. Fuel cell power systems include all components required in the conversion of input fuel and oxidizer into output electrical and thermal energy. Performance characterization of fuel systems includes evaluating system energy inputs and electrical and thermal outputs to determine fuel-to-electrical energy conversion efficiency and where applicable the overall thermal effectiveness.

Single copy price: $20.00

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

BSR/ASME Y14.42-200x, Digital Approval Systems (new standard)

Provides the minimum requirements for the development of a digital approval system for engineering documentation.

Single copy price: $10.00

Order from: Silvana Rodriguez-Bhatti, ASME; rodriguezs@asme.org
Send comments (with copy to BSR) to: Calvin Gomez, ASME; gomezc@asme.org

CSA (CSA America, Inc.)

Reaffirmations

BSR Z21.40.1-1996, Gas-Fired, Heat Activated Air Conditioning and Heat Pump Appliances (same as CGA 2.91) (reaffirmation of ANSI Z21.40.1-1996)

Details test and examination criteria for gas-fired, heat activated air-conditioning and heat pump appliances which make use of the thermal output of fuel gas combustion of natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures for providing their heating, cooling, or dehumidifying effect. These appliances supply conditioned air; heated and/or cooled liquid; or refrigerants, gases, solids, or liquids to spaces remote from or adjacent to the appliance.

Single copy price: $274.00

Order from: Allen J. Callahan, CSA; al.callahan@csa-america.org
Send comments (with copy to BSR) to: Same

BSR Z21.40.1a-1996, Safety and Construction of Gas-Fired, Heat Activated Air-Conditioning and Heat Pump Appliances (same as CGA 2.91a) (reaffirmation of ANSI Z21.40.1a-1996)

(Supplement to ANSI Z21.40.1-1996)
Single copy price: $34.00

Order from: Allen J. Callahan, CSA; al.callahan@csa-america.org
Send comments (with copy to BSR) to: Same

BSR Z21.40.2-1996, Gas-Fired, Work Activated Air-Conditioning and Heat Pump Appliances (Internal Combustion) (Same as CGA 2.92) (reaffirmation of ANSI Z21.40.2-1996)

Details test and examination criteria for gas-fired engine-driven air-conditioning and heat pump appliances which make use of internal combustion for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures. Consisting of sections installed indoor, outdoor, or both, these appliances supply conditioned air, chilled liquid or refrigerant to spaces remote from or adjacent to the appliance.
Single copy price: $244.00

Order from: Allen J. Callahan, CSA; al.callahan@csa-america.org
Send comments (with copy to BSR) to: Same

BSR Z21.40.2a-1997, Gas-Fired, Work Activated Air-Conditioning and Heat Pump Appliances (Same as CGA 2.92a) (reaffirmation of ANSI Z21.40.2-1996)

(Supplement to BSR Z21.40.2-1996)
Single copy price: $34.00

Order from: Allen J. Callahan, CSA; al.callahan@csa-america.org
Send comments (with copy to BSR) to: Same

BSR Z21.40.4-1996, Performance Testing and Rating of Gas-Fired, Air Conditioning and Heat Pump Appliances (Same as CGA 2.94) (reaffirmation of ANSI Z21.40.4-1996)

Details methods of testing and rating gas-fired air-conditioning and heat pump appliances which utilize natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures. This includes engine-driven heat pumps, absorption-cycle heat pumps, desiccant-type heat pumps, and other gas-fired heat pumps. The heat pumps may provide the functions of year-round space conditioning either by direct heating and cooling of air or indirectly by production of heated and chilled water.
Single copy price: $180.00

Order from: Allen J. Callahan, CSA; al.callahan@csa-america.org
Send comments (with copy to BSR) to: Same

BSR Z21.40.4a-1997, Performance Testing and Rating of Gas-Fired, Air-Conditioning and Heat Pump Appliances (same as CGA 2.94a) (reaffirmation of ANSI Z21.40.4a-1997)

Supplement to BSR Z21.40.4-1996.
Single copy price: $68.00

Order from: Allen J. Callahan, CSA; al.callahan@csa-america.org
Send comments (with copy to BSR) to: Same

EIA (Electronic Industries Alliance)

Revisions

BSR/EIA 616-200x, Detail Specification for 2 Millimeter, Two Part Connectors for Use with Printed Boards and Backplanes (revision of ANSI/EIA 616-1996)

(SP-4644-A) Applicable to modular two-part connectors for printed boards associated with equipment for telecommunication or electronic devices using similar techniques.
Single copy price: $92.00

Order from: Global Engineering Documents; global@ihs.com
Send comments (with copy to BSR) to: Cecelia Yates, EIA; cyates@eia.org

EOS (ESD Association, Inc.)

Reaffirmations

BSR/ESD STM7.1-2001, Protection of Elelctrostatic Discharge Susceptible Items: Floor Matrerials. Resistive Characterization of Materials (reaffirmation and redesignation of ANSI/ESD S7.1-1994)

Covers measurement of the electrical resistance of various floor materials, such as, floor coverings, mats and floor finishes. It provides test methods for qualifying floor materials before installation or application and for evaluating and monitoring materials after installation or application.

Single copy price: $37.50 (Non-Member); $25.00 (Member)

Order from: ESD Association: (315) 339-6937
Send comments (with copy to BSR) to: Same

I3A (International Imaging Industry Association)

New Standards

BSR/I3A IT10.7666-2002, Electronic Still Picture Imaging - Reference Output Medium Metric RGB Color Encoding (ROMM-RGB) (new standard)

Specifies a family of extended color-gamut output-referred RGB color encodings designated as Reference Output Medium Metric RGB (ROMM RGB).

Single copy price: $20.00

Order from: James Peyton, I3A; i3astds@i3a.org
Send comments (with copy to BSR) to: Same

BSR/I3A IT10.7667-2002, Electronic Still Picture Imaging - Extended sRGB Color Space - e-sRGB (new standard)

Specifies a family of extended color gamut output-referred RGB color encodings designated as Extended sRGB (e-sRGB).
Single copy price: $20.00

Order from: James Peyton, I3A; i3astds@i3a.org
Send comments (with copy to BSR) to: Same

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

BSR N42.30-200x, Performance Specification for Tritum Monitors (new standard)

Contains performance requirements and test methods for tritium motors.
Single copy price: $39.00

Order from: IEEE, Attn: Customer Service
Send comments (with copy to BSR) to: Lou Costrell, NIST

BSR N323D-200x, Installed Radiation Protection Instrumentation (new standard)

Contains requirements for installed radiation protection instrumentation.
Single copy price: $39.00

Order from: IEEE, Attn: Customer Service
Send comments (with copy to BSR) to: Lou Costrell, NIST

IESNA (Illuminating Engineering Society of North America)

New Standards

BSR/IESNA LM-63-2002, File Format for the Electronic Transfer of Photometric Data and Related Information (new standard)

Addresses photometric data file formats specifically designed for lighting data transfer. It is often used for data storage and retrieval. It describes how to build a file with such data as number of lamps, candela values for vertical and horizontal angles, orientation of the lamp within the luminaire, and photometric angles.
Single copy price: $15.00

Order from: Rita Harrold, IESNA; rharrold@iesna.org
Send comments (with copy to BSR) to: Same

NEMA (National Electrical Manufacturers Association)

New Standards

BSR C82.13-2002, Fluorescent Lamps and Ballasts - Definitions (new standard)

This standard provides definitions of terms used in ANSI C78 and C82 series standards for fluorescent lamps and ballasts.
Single copy price: $24.00

Order from: Randolph N. Roy, NEMA (ASC C82); ran_roy@nema.org
Send comments (with copy to BSR) to: Same

Revisions

BSR C78.380-2002, High-Intensity Discharge Lamps, Method of Designation (revision of ANS C78.380-1997)

Describes a system for the designation of high-intensity discharge lamps, including compact, enclosed-arc discharge light sources such as mercury, metal halide, high-pressure sodium, and similar types of lamps.
Single copy price: $127.00

Order from: Randolph N. Roy, NEMA (ASC C78); ran_roy@nema.org
Send comments (with copy to BSR) to: Same

BSR C79.1-200x, Nomenclature for Glass Bulbs - Intended for Use with Electric Lamps (revision of ANSI C79.1-1994)

This standard describes a system of nomenclature that provides designations for glass bulbs used as the envelopes for electric lamps.
Single copy price: $44.00

Order from: Randolph N. Roy, NEMA (ASC C79); ran_roy@nema.org
Send comments (with copy to BSR) to: Same

Projects Withdrawn from Consideration

An accredited standards developer may abandon the processing of a proposed new or revised American National Standard or portion thereof if it has followed its accredited procedures. The following projects have been withdrawn accordingly:

ABA (American Bankers Association)

BSR X9.78-199x, Attribute Certificate Extensions (new standard)

API (American Petroleum Institute)

BSR/API RP 1123-199x, Development of Public Awareness Programs by Hazardous Liquid Pipeline Operators (new standard)

ITI (INCITS)

BSR NCITS 31 (Project 91-R), Codestart - Structure for the Identification of the Counties and County Equivalents of the United States and Its Outlying and Associated Areas for Information Interchange (revision and redesignation of ANSI X3.31-1988 (R1994))

BSR X3.31-199x, Counties and Equivalent Entities of the United States, Its Possessions, and Associated Areas (revision of ANSI X3.31-1988)

Draft Standards for Trial Use

In accordance with clause 3.4.4, Draft standards for trial use, of the ANSI Procedures for the Development and Coordination of American National Standards, the availability of the following draft standard for trial use is announced:

Trial use period: March 13, 2002 through March 13, 2004

ATIS (Alliance for Telecommunications Industry Solutions)

BSR T1.424-200x, Interface Between Networks and Customer Installations - Very-high Speed Digital Subscriber Lines (VDSL) Metallic Interface (TRIAL USE STANDARD) (trial use standard)

This document is a three-part trial-use standard describing a transmission method for providing Very-high-bit-rate Digital Subscriber Line (VDSL) service as a means for data transport in telecommunication networks. The VDSL Metallic Interface specifications are defined as follows: Part 1: Functional Requirements and Common Specification, Part 2: Technical Specification for Single-Carrier Modulation (SCM) Transceivers, and Part 3: Technical Specification for Multi-Carrier (MCM) Transceivers.
Single copy price: $408.00 Paper Copy, 1 Single Free Download

Order from: Jacqueline Brown-Ervin, ATIS (ASC T1); jbrown@atis.org
Send comments (with copy to BSR) to: Susan Carioti, ATIS (ASC T1); scarioti@atis.org

Trial use period: March 15, 2002 through March 14, 2003

RIA (Robotics Industries Association)

BSR/RIA T15.1-200x, Draft Standard for Intelligent Assist Devices - Personnel Safety Requirements (TRIAL USE STANDARD) (trial use standard)

Provides guidance on the safety requirements for Intelligent Assist Devices (IAD) for use in an industrial environment and the methods of safeguarding for safety of personnel associated with the operation and maintenance of the IAD. Applies to the design, manufacture, remanufacture, rebuild, installation, safeguarding, start-up conditions, operations, and training of operator and maintenance personnel for Intelligent Assist Devices.
Single copy price: $25.00

Order from: Jeff Fryman, RIA; jfryman@robotics.org
Send comments (with copy to BSR) to: Same

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

In accordance with clause 4.4 Maintenance of American National Standards of the ANSI Procedures, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

ANSI/ASTM B165-1996, Specification for Nickel-Copper Alloy (UNS N04400) Seamless Pipe and Tube

ANSI/ASTM B725-1996, Specification for Welded Nickel (UNS N02200/UNS No2201) and Nickel-Copper Alloy (UNS N04400) Pipe

ANSI/ASTM B730-1996, Specification for Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Tube

ANSI/ASTM E783-1993, Test Method for Field Measurement of Air Leakage Through Installed Exterior Windows and Doors (04.11)

ANSI/ASTM E1553-1993, Practice for Collection of Airborne Particulate Lead During Abatement and Construction Activities (04.11)

ANSI/ASTM F916-85 (R1993), Specification for Elevators, Shipboard, Electromechanical Passenger, and Stores

ANSI/ASTM F987-1993, Specification for Portable Intermediate Flush Deck Stanchion

ANSI/ASTM F1369-1993A, Specification for Heaters, Convection, Steam and Hot Water

ANSI/ASTM F1384-1993, Practice for Fire Tests of Marine Joiner Doors

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

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

ANSI/ASTM D671-1990, Test Method for Flexural Fatigue of Plastics by Constant-Amplitude-of-Force (08.01)

ANSI/ASTM D5271-1992, Test Method for Accessing the Aerobic Biodegradation of Plastic Materials in an Activated Sludge Wastewater-Treatment-System (08.03)

ASTM Standards Submitted for Withdrawal

Comment Deadline: May 28, 2002

The ASTM technical committees listed below wish to withdraw the ANS approval from their ASTM standards. For a listing of all the standards affected by this action, please contact Faith Lanzetta, ASTM, flanzett@astm.org. The URL to search for scopes of ASTM standards is: http://www.astm.org/dsearch.htm. The standards referenced below shall be withdrawn as American National Standards on May 28, 2002, at the close of this 60-day public notice period.

Committee A06 on Magnetic Properties
Committee B02 on Nonferrous Metals and Alloys
Committee D05 on Coal and Coke
Committee D07 on Wood
Committee D15 on Engine Coolants
Committee D20 on Plastics (with the exception of Subcommittees D20.23, Reinforced Plastic Piping Sytems and Chemical Equipment and D20.24 on Plastic Building Products)
Committee D26 on Halogenated Organic Solvents and Fire Extinguising Agents
Committee E28 on Mechanical Testing
Committee E29 on Particle Size Analysis
Committee D33 on Environmental Acoustics
Committee E44 on Solar, Geothermal and Other Energy Sources
Committee F11 on Vacuum Cleaners
Committee F33 on Detention and Correctional Facilities

Call for Comment Contact Information

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

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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.

API (American Petroleum Institute)

Revisions

ANSI/API 574-1998, Inspection of Piping, Tubing, Valves, and Fittings (revision of ANSI/API 574-1992): 3/12/2002

ASME (American Society of Mechanical Engineers)

Revisions

ANSI/ASME A17.3-2002, Safety Code for Existing Elevators and Escalators (revision of ANSI/ASME A17.3-1996): 3/12/2002

UL (Underwriters Laboratories, Inc.)

Revisions

ANSI/UL 20-2002, Standard for Safety for General-Use Snap Switches (revision of ANSI/UL 20-1996): 3/11/2002

ANSI/UL 44-2002, Rubber-Insulated Wires and Cables (revision of ANSI/UL 44-1999): 3/1/2002

ANSI/UL 508C-2002, Standard for Safety for Power Conversion Equipment (revision of ANSI/UL 508C-2000): 3/7/2002

WMMA (Wood Machinery Manufacturers of America)

Reaffirmations

ANSI O1.1-1992 (R2002), Woodworking Machinery - Safety Requirements (reaffirmation of ANSI O1.1-1992): 3/13/2002

Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers of the initiation and scope of activities expected to result in new or revised American National Standards. This information is a key element in planning and coordinating American National Standards. For additional information, see clause 1.2.8 of the ANSI Procedures for the Development and Coordination of American National Standards (2001 edition.)

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

ABA (American Bankers Association)

Office: 1120 Connecticut Avenue, NW
Washington, DC 20036

Contact: *Darlene Schubert*

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E-mail: dschuber@aba.com

BSR X9.96-200x, XML Cryptographic Message Syntax (XCMS) (new standard)

API (American Petroleum Institute)

Office: 1220 L Street NW
Washington, DC 20005

Contact: *Andrea Johnson*

Fax: (202) 962-4797

E-mail: johnsona@api.org

BSR/API RP 1123-200x, Development of Public Awareness Programs by Pipeline Operators (new standard)

EIA (Environmental Industry Association)

Office: 4301 Connecticut Ave, NW, Suite 300
Washington, DC 20008

Contact: *Nate Wall*

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E-mail: nwall@envasns.org

BSR Z245.1-200x, Equipment Technology and Operations for Wastes and Recyclable Materials- Mobile Wastes and Recyclable Materials Collection, Transportation, and Compaction Equipment - Safety Requirements (revision of ANSI Z245.1-1999)

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E-mail: rharrold@iesna.org

BSR/IESNA RP-27.1-1996, Recommended Practice for Photobiological Safety for Lamps and Lamp Systems - General Requirements (revision of ANSI/IESNA RP-27.1-1996)

BSR/IESNA RP-27.3-1996, Recommended Practice for Photobiological Safety for Lamps - Risk Group Classification and Labeling (revision of ANSI/IESNA RP-27.3-1996)

NEMA (National Electrical Manufacturers Association)

Office: 1300 North 17th Street, Suite 1847
Rosslyn, VA 22209

Contact: *Randolph N. Roy*

Fax: (703) 841-3377

E-mail: ran_roy@nema.org

BSR C82.3-2002, Reference Ballasts for Fluorescent Lamps (revision of ANSI C82.3-1983 (R1995))

OLA (Optical Laboratories Association)

Office: P.O. Box 2000
Merrifield, VA 22116-2000

Contact: *Kris Dinkle*

Fax: (703) 359-2834

E-mail: Olalabs@aol.com

BSR Z80.**-200x, Standards for the measurement and reporting of the Optical aberrations on the Eye (new standard)

BSR Z80.5-200x, Requirements for Opthalmic Frames (reaffirmation of ANSI Z80.5-1997)

SCTE (Society of Cable Telecommunications Engineers)

Office: 140 Phillips Road
Exton, PA 19341

Contact: *Stephen Oksala*

Fax: (610) 363-5898

E-mail: soksala@scte.org

BSR/SCTE DSS 01-09-200x, Metadata on Cable Networks (new standard)

BSR/SCTE DSS 02-01-200x, Radio Frequency Interface 2.0 (new standard)

BSR/SCTE HMS 074-200x, Hybrid Fiber/Coax Outside Plant Status Monitoring Power Supply to Transponder Interface Acceptance Test Plan (new standard)

BSR/SCTE IPS TP 005-200x, Center Conductor Bond to Dielectric Bond (new standard)

BSR/SCTE IPS TP 013-200x, Test Method for Interface Moisture Migration (new standard)

BSR/SCTE IPS TP 114-200x, Test Method for Velocity of Propagation (new standard)

BSR/SCTE IPS TP 205-200x, Measurement Method for Noise Figure (new standard)

BSR/SCTE IPS TP 211-200x, Test Method for Group Delay (new standard)

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Drive
Research Triangle Park, NC 27709-3995

Contact: *Carol Chudy*

Fax: (919) 547-6018

E-mail: Carol.A.Chudy@us.ul.com

BSR/UL 2423-200x, Standard for Classification of Water for Reuse and Associated Sampling, Testing, and Evaluation Criteria (new standard)

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ISO Draft International Standards

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

Comments

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

Ordering Instructions

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

CHEMISTRY (TC 47)

ISO/DIS 12988-2, Carbonaceous materials used in the production of aluminium - Baked anodes - Determination of the reactivity to carbon dioxide - Part 2: Thermogravimetric method - 6/22/2002, $38.00

DENTISTRY (TC 106)

ISO/DIS 16408, Dentistry - Oral hygiene products - Oral rinses - 6/15/2002, $30.00

GEOSYNTHETICS (TC 221)

ISO/DIS 13426-2, Geotextiles and geotextile-related products - Strength of internal structural junctions - Part 2: Geocomposites - 6/22/2002, $35.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 8980-3, Ophthalmic optics - Uncut finished spectacle lenses - Part 3: Transmittance specifications and test methods - 6/22/2002, $46.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 14876-4, Protective clothing - Body armour - Part 4: Needle and spike stab resistance - Requirements and test methods - 6/29/2002, $35.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 3838, Crude petroleum and liquid or solid petroleum products - Determination of density or relative density - Capillary-stoppered pyknometer and graduated bicapillary pyknometer methods - 6/22/2002, $54.00

ISO/DIS 20783-1, Petroleum and related products - Determination of emulsion stability of fire-resistant fluids - Part 1: Fluids in category HFAE - 6/22/2002, $26.00

ISO/DIS 20783-2, Petroleum and related products - Determination of emulsion stability of fire-resistant fluids - Part 2: Fluids in category HFB - 6/22/2002, $38.00

SMALL CRAFT (TC 188)

ISO/DIS 10240, Small craft - Owners manual - 6/22/2002, $42.00

TEXTILES (TC 38)

ISO/DIS 3175-3, Textiles - Professional cleaning and finishing - Part 3: Procedures for use in the assessment of cleanability in hydrocarbon solvents - 6/22/2002, $30.00

ISO/DIS 3175-4, Textiles - Professional cleaning and finishing - Part 4: Procedures for use in the assessment of cleanability in wet-cleaning systems - 6/22/2002, $35.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 9261, Irrigation equipment - Emitters and emitting pipe - Specification and test methods - 6/29/2002, $42.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 23290, Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network - Mapping functions for the tunnelling of QSIG through H.323 networks - 6/22/2002, $54.00

ISO/IEC DIS 13868, Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network Inter-exchange signalling protocol Name identification supplementary services - 6/15/2002, FREE

ISO/IEC DIS 13872, Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network Specification, functional model and information flows Call diversion supplementary services - 6/15/2002, $110.00

ISO/IEC DIS 13873, Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network Inter-exchange signalling protocol Call diversion supplementary services - 6/15/2002, $102.00

ISO/IEC DIS 13874, Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network Inter-exchange signalling protocol Path replacement additional network feature - 6/15/2002, $88.00

ISO/IEC DIS 13865, Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network Specification, functional model and information flows Call transfer supplementary service - 6/15/2002, $80.00

ISO/IEC DIS 13869, Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network Inter-exchange signalling protocol Call transfer supplementary service - 6/15/2002, $94.00

ISO/IEC DIS 13870, Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network Inter-exchange signalling protocol Call completion supplementary services - 6/15/2002, $102.00

ISO/IEC DIS 14843, Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network Inter-exchange signalling protocol Call offer supplementary service - 6/15/2002, $80.00

ISO/IEC DIS 14844, Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network Inter-exchange signalling protocol Do not disturb and do not disturb override supplementary services - 6/15/2002, $94.00

ISO/IEC DIS 14846, Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network Inter-exchange signalling protocol Call intrusion supplementary service - 6/15/2002, $102.00

ISO/IEC DIS 15429, Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network Inter-exchange signalling protocol Wireless Terminal Location Registration supplementary service and Wireless Terminal Information exchange additional network feature - 6/15/2002, $84.00

ISO/IEC DIS 15431, Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network Inter-exchange signalling protocol Wireless terminal call handling additional network features - 6/15/2002, $88.00

ISO/IEC DIS 15433, Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network Inter-exchange signalling protocol Wireless Terminal Authentication supplementary services - 6/15/2002, $88.00

Newly Published ISO Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization. Most are available at the ANSI Electronic Standards Store (ESS) at 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.

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 3656:2002, Animal and vegetable fats and oils - Determination of ultraviolet absorbance expressed as specific UV extinction, $26.00

ISO 6321:2002, Animal and vegetable fats and oils - Determination of melting point in open capillary tubes (slip point), $38.00

ISO 9832:2002, Animal and vegetable fats and oils - Determination of residual technical hexane content, $35.00

ISO 10539:2002, Animal and vegetable fats and oils - Determination of alkalinity, $26.00

ISO 14377:2002, Canned evaporated milk - Determination of tin content - Method using graphite furnace atomic absorption spectrometry, $30.00

ISO 14891:2002, Milk and milk products - Determination of nitrogen content - Routine method using combustion according to the Dumas principle, $42.00

ISO 15304:2002, Animal and vegetable fats and oils - Determination of the content of trans fatty acid isomers of vegetable fats and oils - Gas chromatographic method, $54.00

AIR QUALITY (TC 146)

ISO 10155/Cor1:2002, Stationary source emissions - Automated monitoring of mass concentrations of particles - Performance characteristics, test methods and specifications - Corrigendum, FREE

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO 10651-4:2002, Lung ventilators - Part 4: Particular requirements for operator-powered resuscitators, $56.00

BUILDING CONSTRUCTION MACHINERY AND EQUIPMENT (TC 195)

ISO 15643:2002, Road construction and maintenance equipment - Bituminous binder spreaders/sprayers - Terminology and commercial specifications, $42.00

CINEMATOGRAPHY (TC 36)

ISO 2906:2002, Cinematography - Image area produced by camera aperture on 35 mm motion-picture film - Position and dimensions, $26.00

DENTISTRY (TC 106)

ISO 7787-4:2002, Dental rotary instruments - Cutters - Part 4: Miniature carbide laboratory cutters, $54.00

DOCUMENT IMAGING APPLICATIONS (TC 171)

ISO 12653-2/Cor1:2002, Electronic imaging - Test target for the black-and-white scanning of office documents - Part 2: Method of use - Corrigendum, FREE

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO 14520-1/Cor1:2002, Gaseous fire-extinguishing systems - Physical properties and system design - Part 1: General requirements - Corrigendum, FREE

ESSENTIAL OILS (TC 54)

ISO 3518:2002, Oil of sandalwood (Santalum album L.), $26.00

FINE CERAMICS (TC 206)

ISO 17561:2002, Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for elastic moduli of monolithic ceramics at room temperature by sonic resonance, $35.00

FLUID POWER SYSTEMS (TC 131)

ISO 4392-1:2002, Hydraulic fluid power - Determination of characteristics of motors - Part 1: At constant low speed and constant pressure, $38.00

ISO 4392-2:2002, Hydraulic fluid power - Determination of characteristics of motors - Part 2: Startability, $42.00

ISO 6072:2002, Hydraulic fluid power - Compatibility between fluids and standard elastomeric materials, $54.00

IMPLANTS FOR SURGERY (TC 150)

ISO 14242-1:2002, Implants for surgery - Wear of total hip-joint prostheses - Part 1: Loading and displacement parameters for wear-testing machines and corresponding environmental conditions for test, $30.00

MECHANICAL CONTRACEPTIVES (TC 157)

ISO 4074:2002, Natural latex rubber condoms - Requirements and test methods, $84.00

ISO 7439:2002, Copper-bearing intra-uterine contraceptive devices - Requirements, tests, $38.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO 7475:2002, Mechanical vibration - Balancing machines - Enclosures and other protective measures for the measuring station, $56.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 17123-1:2002, Optics and optical instruments - Field procedures for testing geodetic and surveying instruments - Part 1: Theory, $35.00

PAINTS AND VARNISHES (TC 35)

ISO 1519:2002, Paints and varnishes - Bend test (cylindrical mandrel), $30.00

ISO 4624:2002, Paints and varnishes - Pull-off test for adhesion, $38.00

PAPER, BOARD AND PULPS (TC 6)

ISO 186:2002, Paper and board - Sampling to determine average quality, $35.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO 10333-1/Amd1:2002, Personal fall-arrest systems - Part 1: Full-body harnesses - Amendment 1, $10.00

ISO 14460/Amd1:2002, Protective clothing for automobile racing drivers - Protection against heat and flame - Performance requirements and test methods - Amendment 1: Modified flexion test, $10.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO 1516:2002, Determination of flash/no flash - Closed cup equilibrium method, $35.00

ISO 1523:2002, Determination of flash point - Closed cup equilibrium method, $38.00

ISO 12925-1/Cor1:2002, Lubricants, industrial oils and related products (class L) - Family C (Gears) - Part 1: Specifications for lubricants for enclosed gear systems - Corrigendum, FREE

ISO 15380:2002, Lubricants, industrial oils and related products (class L) - Family H (Hydraulic systems) - Specifications for categories HETG, HEPG, HEES and HEPR, $54.00

PHOTOGRAPHY (TC 42)

ISO 18901:2002, Imaging materials - Processed silver-gelatin type black-and-white films - Specifications for stability, $56.00

PLASTICS (TC 61)

ISO 604:2002, Plastics - Determination of compressive properties, $50.00

ISO 3167:2002, Plastics - Multipurpose test specimens, $35.00

ISO 4586-2/Amd5:2002, Plastics - Decorative laminated sheets based on thermosetting resins - Part 2: Determination of properties - Amendment 5: Resistance to scratching, $10.00

ISO 4590:2002, Rigid cellular plastics - Determination of the volume percentage of open cells and of closed cells, $50.00

ISO 9994:2002, Lighters - Safety specification, $56.00

PUMPS (TC 115)

ISO 5199:2002, Technical specifications for centrifugal pumps - Class II, $88.00

ROAD VEHICLES (TC 22)

ISO 12214:2002, Road vehicles - Direction-of-motion stereotypes for automotive hand controls, $35.00

ISO 12353-1:2002, Road vehicles - Traffic accident analysis - Part 1: Vocabulary, $76.00

ISO 15007-1:2002, Road vehicles - Measurement of driver visual behaviour with respect to transport information and control systems - Part 1: Definitions and parameters, $30.00

ISO 22628:2002, Road vehicles - Recyclability and recoverability - Calculation method, $30.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 16565:2002, Rubber - Determination of 5-ethylidenenorbornene (ENB) or dicyclopentadiene (DCPD) in ethylene-propylene-diene (EPDM) terpolymers, $42.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 3715-1:2002, Ships and marine technology - Propulsion plants for ships - Part 1: Vocabulary for geometry of propellers, $46.00

TYRES, RIMS AND VALVES (TC 31)

ISO 5751-2:2002, Motorcycle tyres and rims (metric series) - Part 2: Tyre dimensions and load-carrying capacities, $60.00

ISO 5751-3/Amd1:2002, Motorcycle tyres and rims (metric series) - Part 3: Rims for tyres of series 80, 90 and 100 - Amendment 1, $10.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 7287:2002, Graphical symbols for thermal cutting equipment, $46.00

ISO 15614-11:2002, Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 11: Electron and laser beam welding, $56.00

ISO Technical Specifications

HEALTH INFORMATICS (TC 215)

ISO/TS 17117:2002, Health informatics - Controlled health terminology - Structure and high-level indicators, $60.00

QUALITY MANAGEMENT AND QUALITY ASSURANCE (TC 176)

ISO/TS 16949:2002, Quality management systems - Particular requirements for the application of ISO 9001:2000 for automotive production and relevant service part organizations, $72.00

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 22250-1:2002, Information technology - Document description and processing languages - Regular Language Description for XML (RELAX) - Part 1: RELAX Core, $76.00

CEN/CENELEC Standards Activity

Competitive Excellence Through Standardization Technology

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

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

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

Ordering Instructions

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

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

CEN

European drafts sent for CEN enquiry

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

EN 1836: 1997/prA2, Personal eye - Sunglasses and sunglare filters for general use - 7/21/2002, $24.00

EN 12415: 2000/prA1, Safety of machine tools - Large numerically controlled turning machines and turning centres - 7/21/2002, $20.00

EN ISO 6888-2: 1999/prA1, Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) - Part 2: Technique using rabbit plasma fibrinogen agar medium - Amendment 1: Inclusion of precision data (ISO 6888-2: 1999/DAM 1: 2002) - 6/21/2002, $20.00

prEN 975-2, Sawn timber - Appearance grading of hardwoods - Part 2: Poplars - 7/21/2002, $26.00

prEN 1366-6, Fire resistance tests for service installations in buildings - Part 6: Raised access floors and hollow floors - 7/21/2002, $35.00

prEN 10226-2, Pipe threads where pressure tight joints are made on the threads - Part 2: Taper external threads and taper internal threads - Dimensions, tolerances and designation - 7/21/2002, $35.00

prEN 10300, Steel tubes and fittings for onshore and offshore pipelines - Bituminous hot applied materials for external coating - 7/21/2002, $76.00

prEN 12697-38, Bituminous mixtures - Test methods for hot mix asphalt - Part 38: Test equipment and calibration - 7/21/2002, $42.00

prEN 13443-2, Water conditioning equipment inside buildings - Mechanical filters - Part 2: Particle rating 1 micrometre to less than 80 micrometres - Requirements for performance, safety and testing - 8/21/2002, $76.00

prEN 13566-2, Plastics piping systems for renovation of underground non-pressure crainage and sewerage networks - Part 2: Lining with continuous pipes - 7/21/2002, $ 56.00

prEN 13748-2, Terrazzo tiles - Part 2: Terrazzo tiles for exterior use - 8/21/2002, $68.00

prEN 14362-1, Textiles - Methods for detection and determination of certain listed aromatic amines derived from azo colorants - Part 1: Direct test on coloured textiles - Detection of the use of certain azo colorants that are accessible to reducing agents without extraction - 7/21/2002, $42.00

prEN 14362-2, Textiles - Methods for detection and determination of certain listed aromatic amines derived from azo colorants - Part 2: Extraction test on coloured textiles - Detection of the use of certain azo colorants in fibres with extractable dyes - 7/7/2002, $46.00

prEN ISO 2692, Geometrical Product Specification (GPS) - Geometrical tolerancing - Maximum material requirement (MMR) and least material requirement (LMR) - 6/21/2002, $20.00

prEN ISO 6876, Dental root canal sealing materials (ISO 6876: 2001) - 7/14/2002, $20.00

European drafts sent for formal vote (for information)

The following European drafts have been sent to CEN members for formal vote. If the draft is a proposed adoption of an International Standard, it is so noted.

prEN 12828, Heating systems in buildings - Design for water based heating systems

prEN/TS 14465, Health informatics - A syntax to represent the content of medical classification systems (ClaML)

prEN ISO 3376, Leather - Physical and mechanical tests - Determination of tensile strength and percentage extension (ISO/FDIS 3376: 2002)

prEN ISO 3377-1, Leather - Physical and mechanical tests - Determination of tear load - Part 1: Single edge tear (ISO/FDIS 3377-1: 2002)

prEN ISO 3377-2, Leather - Physical and mechanical tests - Determination of tear load - Part 2: Double edge tear (ISO/FDIS 3377-2: 2002)

prEN ISO 3378, Leather - Physical and mechanical tests - Determination of resistance to grain cracking and grain crack index (ISO/FDIS 3378: 2002)

prEN ISO 3380, Leather - Physical and mechanical tests - Determination of shrinkage temperature (ISO/FDIS 3380: 2002)

prEN ISO 5402, Leather - Physical and mechanical tests - Determination of flex resistance by flexometer method (ISO/FDIS 5402: 2002)

prEN ISO 6579 rev, Microbiology of food and animal feeding stuffs - Horizontal method for the detection of Salmonella spp. (ISO/FDIS 6579: 2002)

prEN ISO 13696, Optics and optical instruments - Test methods for radiation scattered by optical components (ISO/FDIS 13696: 2002)

prEN ISO 14876-2, Protective clothing - Body armour - Part 2: Bullet resistance - Requirements and test methods (ISO/FDIS 14876-2: 2002)

prEN ISO 14876-3, Protective clothing - Body armour - - Part 3: Knife stab resistance - Requirements and test methods (ISO/FDIS 14876-3: 2002)

prEN ISO 15005, Road vehicles - Ergonomic aspects of the in-vehicle presentation of transport information and control systems - Dialogue management principles and compliance procedures (ISO/FDIS 15005: 2002)

prEN ISO 15148, Hygrothermal performance of building materials and products - Determination of water absorption coefficient by partial immersion (ISO/FDIS 15148: 2002)

prEN ISO 16104, Packaging - Transport packaging for dangerous goods - Test methods (ISO/FDIS 16104: 2002)

prEN ISO 17227, Leather - Physical and mechanical tests - Determination of dry heat resistance of leather (ISO/FDIS 17227: 2002)

prEN ISO 17229, Leather - Physical and mechanical tests - Determination of water vapour absorbtion (ISO/FDIS 17229: 2002)

prEN ISO 17233, Leather - Physical and mechanical tests - Determination of cold crack temperature of surface coatings (ISO/FDIS 17233: 2002)

Registration of Organization Names in the United States

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

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

PUBLIC REVIEW

cmsenergy

Organization: CMS Energy
212 W. Michigan Avenue
Jackson, MI 49201
Contact: Thomas S. McKown
PHONE: 517-788-8964; FAX: 517-788-0426
Email: tsmckown@cmsenergy.com

Public review: February 27, 2002 to May 28, 2002

JNJ

Public review: January 2, 2002 to April 2, 2002

sempra

Public review: March 13, 2002 to June 11, 2002

Valor Telecom

Public review: January 2, 2002 to April 2, 2002

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

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

Proposed Foreign Government Regulations

Call for Comment

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

To distribute information on these proposed foreign technical regulations, the National Center for Standards and Certification Information (NCSCI), National Institute of Standards and Technology (NIST), provides an on-line service - Export Alert! - that allows interested parties to register and obtain notifications, via e-mail, for countries and industry sectors of interest to them. To register, go to http://ts.nist.gov/ncsci and click on "Export Alert!".

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

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

International Organization of Legal Metrology

United States Participation in the International Organization of Legal Metrology (www.oiml.org)

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

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

OIML Objectives:

- Harmonize globally the performance requirements for legal measuring instruments and the means by which the performance of such instruments is verified and controlled.
- Facilitate international trade of measuring instruments.
- Establish confidence in and facilitate the international trade of products and services affected by measurements.
- Ensure correct performance of instruments used to monitor public and worker health and safety.
- Ensure accurate performance of instruments used to monitor and determine levels of pollutants in the environment.
- Assist developing nations through information and cooperative training with other organizations.

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

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

Benefits of U.S. participation in OIML:

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

Current U.S. Activities in International Legal Metrology:

Interamerican Workshop on Packaging and Labeling: December 9–10, 2001, Miami Beach, Florida, USA.

The Interamerican Metrology System (SIM) announces a workshop for manufacturers, retailers and government and regulatory officials of prepackaged goods from throughout the Americas. The workshop will address packaging and labeling requirements in the hemisphere and will provide a unique opportunity for industry representatives and legal metrology officials from several countries to meet in a forum to discuss packaging and labeling issues in international markets. Industry participation from across the Americas is strongly encouraged. It is hoped that this workshop will establish a permanent process and forum to address hemispheric packaging and labeling issues. Topics include:

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

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

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

OIML TC/SC[1]	Project	Document Stage[2]	NIST Contact
TC 3	Revision of D3 “Law on Metrology”	WD	Wayne Stiefel, 301-975-4011, stiefel@nist.gov
TC3/SC5	International Document on “Mutual acceptance arrangement on OIML type evaluations”	7CD	Charles Ehrlich, 301-975-4834, cehrlich@nist.gov
TC 6	Revision of R 87 “Net Contents in Packages”	1CD 2001	Ken Butcher, 301-975-4859, kbutcher@nist.gov
TC 9	Revision of R 74 “Electronic Weighing Instruments”	1CD 2001	Ken Butcher, 301-975-4859, kbutcher@nist.gov
TC 9/SC 3	Revision of R 111 “Weights of Classes E1, E2, F1, F2, M1, M1-2, M2, M-3, and M3”	DR 2001	Ken Butcher, 301-975-4859, kbutcher@nist.gov
TC 9/SC 3	Revision of R 33 “Conventional Value of the Result of Weighing in Air”	1CD 2001	Ken Butcher, 301-975-4859, kbutcher@nist.gov
TC10/SC4	Revision of R117 “Measuring systems for liquid other than water” and merger of R117 with R105 “Direct mass flow measuring systems for quantities of liquids”	WD 2001	Ralph Richter, 301-975-4025, ralph.richter@nist.gov
TC 16/SC 2	Revision of R 83 “Gas chromatograph mass spectrometer/data system for analysis of organic pollutants in water”	WD	Ambler Thompson, 301-975-2333 ambler@nist.gov
TC 16/SC 2	Revision of R 100 “Atomic absorption spectrometers for measuring metal pollutants in water”	WD	Ambler Thompson, 301-975-2333, ambler@nist.gov
TC 16/SC 2	Revision of R 116 “Inductively coupled plasma atomic emission spectrometers for measurement of metal pollutants in water”	WD	Ambler Thompson, 301-975-2333, ambler@nist.gov
TC 16/SC 3	Revision of R 82 “Gas chromatographs for measuring pollution from pesticides and other toxic substances”	1CD	Ambler Thompson, 301-975-2333, ambler@nist.gov
TC 16/SC 4	New R “Fourier transform infrared spectrometers for measurement of air pollutants”	1CD	Ambler Thompson, 301-975-2333, ambler@nist.gov

Current OIML International Recommendations and Documents open for comment:

Closing Date	OIML TC/SC[1]	Project	Document Stage[2]	NIST Contact
11/15/01	TC10/SC2	"Pressure transmitters with elastic sensing elements"	DR 2001	Ralph Richter, 301-975-4025, ralph.richter@nist.gov

[1] Named designations of OIML Technical Committees and Subcommittees can be found in the technical committee database on the OIML web site (www.oiml.org).

[2] Document Stage Acronyms

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

Information Concerning

Accredited Standards Committees

Approval of Reaccreditation

ASC C63, Electromagnetic Compatibility

The Executive Standards Council has approved the reaccreditation of Accredited Standards Committee C63, Electromagnetic Compatibility, using revised operating procedures under the Committee Method of developing consensus, effective March 8, 2002. IEEE currently serves as the Secretariat of ASC C63.

For additional information, please contact: Mr. Robert Pritchard, Chair, ASC C63, IEEE, 445 Hoes Lane, Box 1331, Piscataway, NJ 08855-1331; PHONE: (732) 562-9446; FAX: (732) 562-1571; E-mail: r.pritchard@ieee.org.

Call for Participants

ASME A13 Standards Committee on the Scheme for the Identification of Piping Systems

The ASME A13 Standards Committee on the Scheme for the Identification of Piping Systems is seeking qualified individuals to serve as members of the Committee.

The Committee is responsible for maintaining the ASME A13.1 Standard, titled "Scheme for the Identification of Piping Systems". This standard establishes a common system to assist in identification of hazardous materials conveyed in piping systems and their hazards when released in the environment. The scheme used in the standard identifies the contents of the piping systems on the basis of legends and also suggests the use of color as a supplementary means of identifying the type of hazard of the material contained in the system. The standard is intended for piping systems in industrial and power plants, and is also recommended for piping systems used in commercial and institutional installations, and in buildings used for public safety.

For additional information, please contact: Marcy Weinstock, Director, Safety Codes and Standards, PHONE: (212) 591-8526, FAX: (212) 591-8501, E-mail: weinstockm@asme.org.

Withdrawal of Accreditation and Associated American National Standards

Withdrawal of ANSI Accreditation of the M Technology Association (MTA) and Associated American National Standards

The ANSI accreditation of the M Technology Association (MTA) has been administratively withdrawn at the request of MTA, in accordance with clause 2.5 of the ANSI Procedures for the Development and Coordination of American National Standards, effective January 1, 2002. MTA dissolved itself as an organization on December 31, 2001. Consequently, all American National Standards maintained by MTA are also administratively withdrawn. For information concerning these actions, please contact: Mr. Ed de Moel, c/o Jacquard Systems Research, 800 Nelson Street, Rockville, MD 20850; PHONE: (301) 762-8333; FAX: (301) 762-8999; E-mail: demoel@radix.net. The standards that are being administratively withdrawn as American National Standards are:

· ANSI X11.1-1995, Information Systems - Programming Languages - M

· ANSI X11.2-1995, Information Systems - Communication Protocol - Open MUMPS Interconnect

· ANSI X11.3-1994, Graphical Kernel Systems (GKS) - MUMPS Language Binding

· ANSI X11.4-1995, MUMPS - X Window System Binding

· ANSI X11.6-1994, Information Systems - Programming Languages - M Windowing API

Accredited Organizations

Approval of Accreditation

American Institute of Steel Construction

The Executive Standards Council has approved the accreditation of the American Institute of Steel Construction, using its own operating procedures under the Organization Method of developing consensus, effective March 5, 2002.

For additional information, please contact: Mr. Cynthia Lanz, Director of Specifications, American Institute of Steel Construction, One East Wacker Drive, Suite 3100, Chicago, IL 60601; PHONE: (312) 670-5410; FAX: (312) 644-4226; E-mail: lanz@aiscmail.org.

Organizational Name Change

Gas Industry Standards Board (GISB)

The Gas Industry Standards Board (GISB), an ANSI-Accredited Developer of American National Standards under the Organization Method of developing consensus, has formally changed its name to the North American Energy Standards Board (NAESB), effective January 1, 2002.

For additional information, please contact: Ms. Rae McQuade, Executive Director, NAESB, 1100 Louisiana, Suite 3625, Houston, TX 77002; PHONE: (713) 356-0060; FAX: (713) 356-0067; E-mail: naesb@aol.com.

ANSI-RAB National Accreditation Program for Quality Management Systems

Application for Accreditation

Registrar

IAPMO R&T

IAMPO R&T, based in Walnut, CA, has applied for accreditation under the ANSI-RAB National Accreditation Program for Registrars of Quality Management Systems, a joint program of the American National Standards Institute and the Registrar Accreditation Board.

Comments on IAPMO R&T are solicited from interested bodies.

Please send your comments by May 29, 2002 to Reinaldo Figueiredo, Quality Manager, Conformity Assessment, American National Standards Institute, 1819 L St.., NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or E-mail: RFigueir@ansi.org.

Notice of Replacement of R1.2

On Jan. 8, 2002, the QMS Council moved, seconded, and unanimously approved a motion to withdraw the use of R1.2 (ANSI-RAB National Accreditation Program Criteria for Bodies Operating Registration of Quality Management Systems) as a criteria document, and replace it with a combination of ISO Guide 62, IAF Guidance to ISO Guide 62, and ANSI-RAB advisories.

It is announced that the ANSI-RAB NAP QMS Council will withdraw the use of R1.2 as a criteria document, and replace it with a combination of ISO Guide 62, IAF Guidance to ISO Guide 62, and RAB advisories, effective July 1, 2002.

Electronic copies of R1.2, which is to be replaced, are available for interested parties by e-mail request at: rquan@ansi.org.

ANSI-RAB National Accreditation Program for Environmental Management Systems

Notice of Replacement of E3.2

On Jan. 23, 2002, the ANSI-RAB NAP EMS Council moved, seconded, and unanimously approved a motion to withdraw the use of E3.2 (ANSI-RAB National Accreditation Program Criteria For Bodies Operating Registration of Environmental Management Systems) as a criteria document, and replace it with a combination of ISO Guide 66, IAF Guidance to ISO Guide 66, and RAB advisories.

This approval was contingent upon the following:

(1) circulation of pertinent RAB advisories 30 days before July 1, 2002 to RAB's registrars;

(2) EMS Council approval;

(3) notice of the document transition in Standards Action.

In compliance with item (3) above, it is announced that the ANSI-RAB NAP EMS Council will withdraw the use of E3.2 as a criteria document, and replace it with a combination of ISO Guide 66, IAF Guidance to ISO Guide 66, and RAB advisories, effective July 1, 2002.

Electronic copies of E3.2, which is to be replaced, are available for interested parties by e-mail request at: rquan@ansi.org.

Accredited Sponsors Using the Canvass Method

Application for Accreditation

Telecommunications Industry Association (TIA)

Comment Deadline: April 29, 2002

The Telecommunications Industry Association (TIA) has submitted an Application for Accreditation as a Developer of American National Standards under the Canvass Method of developing consensus. TIA is currently accredited by ANSI under the Organization Method of developing consensus, using its own operating procedures. TIA's proposed scope of standards activities to be submitted under the Canvass Method is as follows:

Voluntary industry standards and specifications for telecommunications equipment and fiber optic products.

TIA will operate under the Canvass Method using the model Procedures for Canvass by an Accredited Sponsor, as contained in Annex B of the ANSI Procedures for the Development and Coordination of American National Standards.

For additional information or to offer comments on TIA's application, please contact: Ms. Billie Zidek-Connor, Manager, Standards Secretariat Services, Telecommunications Industry Association, 2500 Wilson Boulevard, Arlington, VA 22201; PHONE: (703) 907-7706; FAX: (703) 907-7727; E-mail: bzidekco@tia.eia.org. Please forward any comments to TIA by April 29, 2002, with a copy to the Recording Secretary, ExSC at ANSI's New York Office (FAX: (212) 730-1346; E-mail: jthompso@ansi.org).

International Organization for Standardization (ISO)

Resignation of International Secretariat

ISO/TC 132 - Ferroalloys

Comment Deadline: April 29, 2002

ANSI has been informed by ISO that South Africa (SABS) no longer wishes to serve as the International Secretariat for ISO/TC 132 - Ferroalloys.

The scope of ISO/TC 132 is as follows:

Standardization in the field of ferroalloys and other alloying additives used in iron- and steelmaking.

Excluded : standardization of ferronickels which devolves upon ISO/TC 155.

Any organization interested in the U.S. undertaking the international Secretariat of ISO/TC 132, please direct your request by April 29, 2002 to Henrietta Scully via e-mail: hscully@ansi.org; mail: c/o ANSI, 25 West 43rd Street, New York, NY 10036; or Fax (212) 730-1346.

International Electrotechnical Commission

U. S. Proposal for Initiation of International Standard

The following proposal for the initiation of an International Standard has been submitted to the International Electrotechnical Commission: SC 45A: Reactor Instrumentation.

Title:

Management of Aging of Nuclear Power Plant Instrumentation and Control and Associated equipment

Scope:

The Standard will apply to all types of nuclear power plants and would relate primary to plant safety.

For additional information, please contact: Gary Johnson, Computer Safety and Reliability Center, Lawerence Livermore National Laboratory, 7000 East Avenue, Bldg, 543, Rm. 1237, L632, Livermore, CA 94550; PHONE: (925) 432-8834; FAX: (925) 422-9913; E-Mail: johnson27@llnl.gov.

JTC1 Technical Advisory Group

Call for Candidates to Serve as TAG and TAG Administrator

JTC1/SC36 - Information Technology for Learning, Education, and Training

Comment Deadline: May 28, 2002

ANSI has been requested by the Information Technology Industry Council(ITI), U.S. TAG for ISO/IEC JTC1, to issue a call for candidates to serve in the following capacity:

A U.S. organization(s) to serve the National Body TAG and TAG Administrator for JTC 1/SC36 - Information Technology for Learning, Education, and Training.

The duties of a TAG and TAG Administrator are detailed in Sections 2.2 and 2.3 of the ANSI Procedures for the U.S. Participation in the International Standards Activities of ISO (January 2001).

If your organization has an interest in serving as the TAG, please contact Margaret Gonzalez, mgonzale@ansi.org, in writing, by May 28,2002.

New Work Item Proposal

IEEE 1394 and 1394a

The JTC1 TAG announces the Public Review and Comment Period on the U.S. Submission to JTC1 of a New Work Item Proposal on "IEEE 1394 and IEEE 1394a, Information technology - Microprocessor systems - High Performance Serial Bus.

The JTC1 TAG is soliciting comments from the U.S. Community on the submission of this proposed New Work Item.

The public review extends from March 29, 2002 through April 27, 2002.

Please send all comments to: The JTC 1 TAG Administrator, 1250 Eye Street, NW, Suite 200, Washington, DC 20005, Attn: Deborah J. Donovan (E-mail: ddonovan@itic.org)

A second copy should be sent to American National Standards Institute, 25 West 43rd Street, New York, NY 10036 (E-mail: psa@ansi.org).

To obtain a copy of this proposed New Work Item, please contact Deborah J. Donovan at the e-mail address given above.

Meeting Notices

ASC ASSE Z117

ANSI Accredited ASSE Z117 Committee will be meeting on April 24 and 25, 2002 at the offices of the American Society of Safety Engineers (ASSE), 1800 East Oakton Street, Des Plaines, IL 60018.

Announcement of Procedural Revisions
Comment Deadline: April 29, 2002

Comments with regard to these revisions should be submitted to psa@ansi.org *or via fax to the Recording Secretary of the ExSC at 212-840-2298 by April 22, 2002. Alternately, you may mail your comments to: ExSC Recording Secretary, ANSI, 25 West 43nd Street, 4h Floor, New York, NY 10036.*

Please note that these revisions are also posted in the ANSI Online Reference Library at http://www.ansi.org/public/library/revise/default.htm

These new procedures are proposed to address specifically "audits for cause" in connection with ANSI-accredited US TAGs to ISO.. See also ExSC 6079 for related procedures.

ExSC 6078

DRAFT: Auditing Policy and Procedures for ANSI-Accredited U.S. Technical Advisory Groups (US TAGs) to ISO

Contents

Foreword

Having an auditing process at ANSI helps strengthen the voluntary consensus standards system as a whole. The purpose of auditing ANSI accredited US TAGs to ISO is to provide assurance that approved procedural rules for participation in international standards development are being followed. Auditing provides ANSI and the accredited US TAGs with an evaluation of actual participation in the international standards activities and the development of U.S. national body positions.

The *ANSI Auditing Policy and Procedures for U.S. Technical Advisory Groups* to ISO was originally approved by the ANSI Board of Directors **Insert approval date here**.

American National Standards Institute
Auditing Policy and Procedures
For U.S. Technical Advisory Groups to ISO

1 Introduction

Participation in international standards activities of interest to members of the American National Standards Institute (ANSI) requires membership in two international non-treaty standardization organizations, the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC). ANSI's membership in these organizations provides U.S. interests with the opportunity to participate in the work of the ISO and IEC toward the development of international standards. ANSI provides financial and administrative support for overall U.S. ISO and IEC membership together with management leadership. The U.S. National Committee (USNC) is responsible for the interface with IEC, and operates in accordance with the operating manual of the USNC for IEC.

As the U.S. member body of ISO, ANSI is responsible for participation in those technical areas of work where U.S. interests have indicated support. Participation is through the selection/establishment of U.S. technical advisory groups (U.S. TAGs) for ISO technical committees or subcommittees.

To assure that positions presented to ISO are representative of U.S. interests the American National Standards Institute (ANSI) accredits and coordinates several hundred organizations that serve as U.S. Technical Advisory Groups to ISO Technical Committees based in part on the US TAG procedures which are required to ensure due process and consensus. . The US TAG can either develop its own procedures or adopt the *Model Operating Procedures for U.S. TAGs to ANSI for ISO activities* ANSI provides the criteria, and procedures for achieving due process and determining consensus on U.S. positions, as well as other requirements for participation in the international standards arena. These ANSI criteria and requirements are accepted by each accredited U.S. TAG as a condition of accreditation. See *ANSI Procedures U.S. Participation in the International Activities of ISO*, hereafter referred to as the "*ANSI International Procedures*".

ANSI's auditing process is intended to confirm adherence to the criteria for accreditation and to confirm that the procedures and practices of accredited US TAGs continue to be consistent with current ANSI requirements and those that formed the basis for accreditation. Auditing also is intended to increase the level of credibility and the effectiveness of due process for all persons who are directly and materially affected by the development of a U.S. position on a proposed International Standard. In addition, auditing supports and strengthens the voluntary consensus standards system and enhances the reputation and integrity of ANSI-accredited US TAGs. Auditing can also assist US TAGs in improving their operations and in detecting potential problems. Although the *ANSI International Procedures* provide for regular audits, the ANSI Board of Directors has determined that audits of US TAGs shall only be scheduled for cause due to serious procedural violations or complaints.

ANSI's auditing process extends to all ANSI accredited US TAGs regardless of the methods they use. Audits will be scheduled by the ExSC for cause according to clause 5 of these procedures. The audit applies to the

activities of the US TAG and the TAG Administrator. The US TAG, as well as the TAG Administrator, share the responsibility for ensuring that the US TAG is operating in accordance with its accredited procedures and for meeting ANSI's requirements for due process, consensus and other ANSI criteria. However, the final responsibility for the US TAGs compliance with their procedures rests with the TAG Administrator as referenced in clause 2.3.3 of the *ANSI International Procedures.* Any findings and subsequent recommendations in this audit report will be the joint responsibility of both the US TAG and the TAG Administrator to ensure that corrective action is taken to address those items. Throughout these procedures, reference to US TAG can be inferred to include the TAG Administrator.

The ANSI auditing process includes independent audits conducted by ANSI or ANSI-designated auditors at the site of the TAG Administrators or by mail-in audits and review by ANSI of all audit reports. The mail-in audit concept is intended only for those US TAGs that are responsible for providing U.S. input on a very small number of international standards. The Executive Standards Council (ExSC) has authorized the ANSI Audit Director, at his or her discretion, to determine which US TAGs may select the mail-in audit option. In the case of mail-in audits, the audit shall be conducted following receipt of all requested documentation. All fees and expenses associated with the conduct of any ANSI audit shall be the responsibility of the accredited US TAG.

2 Authority and responsibilities

The authority by which ANSI audits accredited US TAGs is described in the *ANSI International Procedures*, which assign responsibility for auditing to the ANSI Audit Director under the supervision and responsibility for the accreditation of US TAGs to the ANSI ExSC.

The ANSI Audit Director's authority includes arranging for audits of accredited US TAGs, overseeing of the audits themselves, and transmitting audit findings and recommendations to the ExSC (see 2.5.5.4 of the *ANSI International Procedures*).

The ExSC's authority includes developing audit procedures, determining which US TAGs shall be audited, reviewing audit reports and recommendations received from the ANSI Audit Director confirming adherence to the criteria for accreditation, and confirming that the procedures and practices of accredited US TAGs continue to be consistent with current *ANSI International Procedures*. The ExSC is also responsible for taking any necessary action based on its audit findings (see 2.5.5.4 of the *ANSI International Procedures*).

The audit will examine some or all of the following based upon the instructions of the ExSC:

1. Procedures in use by the U.S. TAG governing the development of U.S. positions.
2. Knowledge of and compliance with ISO and ANSI requirements
3. Records of compliance and their maintenance
4. Adherence to ANSI due process and consensus criteria
5. Balloting procedures and results
6. Documentation of attempts to resolve objections
7. Appeal mechanism and its implementation

3 Extent of audits

Audits shall involve a review of the operations of ANSI-accredited US TAGs as they relate to the development of a U.S. position and associated activities, including continuity of administrative oversight and support of these activities. A sampling of operations and documents shall be used to obtain a representative review. The specific nature of the audit will be determined by the ExSC, taking into account the basic parameters outlined below. All audits shall be scheduled upon the direction of the ExSC after consideration of serious procedural violations or a complaint.

- The scope of these audits shall include the development and representation of the U.S. position of the international standards on which the U.S. TAG submitted a position, whether that position was affirmative or negative.
- Based on the focus of the audit, the ExSC will determine if a single action of the US TAG shall be reviewed, or if a broader scope is appropriate. If it is determined that a broader scope is appropriate, normally, not more than 10% of the international standards on which the U.S. TAG submitted a position would be reviewed. A minimum of 5 international standards (or all if there are fewer than 5) shall be reviewed. In those instances where more than 250 international standards are eligible to be audited, the number to be audited shall range between 25 and 40. The ExSC or its designee, in conjunction with the Audit Director, shall determine on a case by case basis the number of international standards to be audited, based on factors such as the number of accreditations or locations maintained by the U.S. TAG Administrator. In no instance shall the number of standards audited be greater than 40.
- Audits shall not involve the accounting or financial aspects of US TAGs.

Audits shall take into consideration the practices and actions, records and reports of accredited US TAGs in implementing their operating procedures to comply with ANSI criteria, rules, procedures and requirements including, but not limited to, the following items, as instructed by the ExSC:

a) criteria for accreditation: (2.4)*

1) the U.S TAG Administrator is a member of ANSI and possesses the requisite technical competence related to the international technical activity (2.2.3.1 and 2.2.3.2) ;

2) the U.S. TAG Administrator has agreed to follow all applicable ANSI and ISO procedures (2.2.3.5) and (2.2.3.8);

3) the U.S. TAG Administrator has agreed to comply with the requirements associated with ANSI oversight and supervision of the activities of all parties serving as U.S. TAG Administrators (2.2.3.6);

4) the U.S. TAG operating procedures for developing and coordinating U.S. positions conform to the requirements of the ANSI *Criteria for the Development and Coordination of U.S. Positions in the International Standardization Activities of the ISO and IEC* (Annex B of the *ANSI International Procedures*) (2.5.2.2);

5) continuity of administrative oversight and support of standards activities is being provided (2.3.1.2.3, 2.3.1.2.4 and 2.3.3.4);

6) the U.S. TAG is in compliance with the criteria for balance and openness as outlined in sections B4.1 and B4.2 of the ANSI *Criteria for the Development and Coordination of U.S. Positions in the International Standardization Activities of the ISO and IEC* (see Annex B of the *ANSI International Procedures*) (2.5.2.1);

7) a U.S. TAG membership list and annual report is submitted to ANSI annually (2.3.3.2);

8) the members of the U.S. TAG actively participate (2.3.3.3);

9) U.S. proposals and U.S. positions are transmitted to ANSI as developed and approved by the U.S. TAG (2.3.3.5);

10) U.S. delegates lists for all international meetings are transmitted to ANSI (2.3.3.6);

11) an appeals mechanism is provided and implemented consistent with ANSI requirements (2.3.3.7);

* Numbers in parentheses with an asterisk refer to corresponding sections in the *ANSI International Procedures*.

b) due process requirements: (Annex B)*

1) *Current operating procedures:* Practices used to implement the requirements regarding development of U.S. positions for the standardization activities of ISO are consistent with the currently accredited operating procedures and conform to the following due process requirements of ANSI (B.3 and B5.1):

- *Openness of participation:* Participation is open to all U.S. national interested parties who are directly and materially affected by the activity in question (B4.1);
- *Notification of standards development:* Timely and adequate notice of the formation of new activities related to international standards is provided to all known directly and affected interests, including ANSI's *Standards Action* (B4.1 and B5.2);
- *Balance:* The process of developing U.S. positions provides an opportunity for fair and equitable participation without dominance by any single interest (B4.2);
- *Interest categories:* Interest categories are appropriate to the development of consensus in any given standards activity (B4.2);
- *Consideration of views and objections:* Prompt consideration is given to the written views and objections of all participants, including those commenting on the listing in *Standards Action* (B5.3);
- *Appeals:* The written procedures contain an identifiable, realistic and readily available appeals mechanism (B5.5).

2) *Record retention:* Records are prepared and maintained to provide evidence of compliance with the *ANSI International Procedures* and the current operating procedures of the standards developer. Such records are maintained and retained for the period of time specified in the records policy of the standards developer as well as meeting ANSI requirements (B5.4).

c) criteria for approval of U.S. positions on international standards: (B7)*

1) the actual practices used to develop evidence of consensus for transmittal of U.S. positions on international standards activities to ANSI are consistent with the current operating procedures and conform to ANSI due process requirements; (B6)

2) U.S. positions concern international standards activities within the scope approved at the time of accreditation or reaccreditation with ANSI (2.2.2);

3) if no U.S. consensus has been established an abstention is submitted (B6.3).

d) other ANSI requirements:

1) *Complaint Notification:* a copy of any complaint concerning the manner in which the U.S. TAG is operating or the U.S. TAG administration is being conducted, and all subsequent related correspondence, is forwarded to ANSI. (2.5.5.3)

2) *U.S. Proposals for New Work Items:* all U.S. proposals for the initiation of new work items for the development of international standards shall be approved by the appropriate U.S. TAG (B7.3);

3) *Use of Fast-Track Procedures:* nationally accepted standards submitted using the fast-track procedures when a) the U.S. is a P-member of a concerned technical committee and b) the proposed standard has the approval of both the originating organization and the appropriate U.S. TAG (B7.4).

The ANSI reporting format to be used by the auditors is provided in annex A.

4 Frequency of audits

The ExSC has determined that audits of US TAG's will be scheduled for cause as outlined below.

5 Audits for cause

In scheduling an audit for cause (whether at its own initiative or at the request of the IC), the ExSC shall consider all the evidence presented in accordance with clause 18 of the ANSI ExSC Operating Procedures and make a determination whether or not an audit for cause is appropriate and when said audit should be scheduled (i.e., immediately, after submission of a US position, prior to hosting an international meeting, etc.) In conducting an audit for cause the audit team shall be provided with instructions specific to that audit (i.e., thorough review of a particular ANSI-accredited US TAG to ISO (US TAG) operations, the development of US positions on an particular international standard, a portion of the process, etc.) Items not pertaining to the instructions given by the ExSC shall not be subject to audit.

In those instances where non-trivial procedural violations are discovered during the course of an audit for cause, the ExSC may allow the US TAG the opportunity to correct the deficiencies. In these instances, the ExSC shall determine if the US TAG's accreditation should be suspended pending compliance with the U.S. TAG's procedures and current requirements set-forth in the ANSI International Procedures. An audit for cause may be scheduled within the following 12 months to verify such compliance. Alternatively, the ExSC may withdraw accreditation and require the TAG and TAG Administrator to reapply, if so desired.

6 Audit procedures

6.1 Selection of audit team and audit-team leader

The ANSI Audit Director shall appoint an audit team and audit-team leader for each audit of a selected US TAG (the "auditee"). Audit teams shall consist of one, two, or three individuals, selected from an ANSI-organized pool of available and qualified people. An audit-team member may be replaced by the ANSI Audit Director with or without cause.

6.2 Qualification of auditors

Individuals selected to serve as auditors shall have the following qualifications:

a) experience in, and knowledge of, the requirements for U.S. participation in the international standards arena including ANSI criteria for accreditation, due process, and consensus;
b) general knowledge of auditing principles and methods obtained through any combination of experience, education, or ANSI training;
c) the ability to act objectively and independently;
d) the ability to analyze information and to express findings clearly, concisely, and in a timely manner.

6.3 Initiation of an audit

The ANSI Audit Director shall advise the proposed auditee of the identities of the audit team members. The auditee shall advise ANSI within ten (10) working days of any concerns regarding conflict of interest of the assigned audit team members, and the auditee shall be advised of the ANSI Audit Director's response (which shall be approved by the Chair of the ExSC) within ten (10) working days of the receipt of such concerns.

The audit-team leader shall attempt to schedule the audit to be conducted within thirty (30) working days from the appointment of the audit team. The audit-team leader shall provide the auditee with a list of particulars that the audit team intends to verify or examine during the audit and any other information that the audit team believes will help the auditee prepare for the audit.

6.4 Audit report and auditee response

The completed audit report shall be forwarded by the audit team leader to the ANSI Audit Director within thirty (30) working days after the completion of the audit. The ANSI Audit Director shall transmit a copy of the report to the auditee with a request that the auditee submit any comments to ANSI within thirty (30) working days of

receipt of the report. The auditee comments may include plans and a timetable for corrective action relating to any recommendations contained in the audit report.

6.5 Action on audit reports

The ExSC shall review the audit material transmitted to it by the ANSI Audit Director, take appropriate action, and notify the auditee of its action. The action taken may include a finding that the conditions upon which accreditation was granted have been satisfactorily maintained. If the action taken includes a finding that the conditions upon which accreditation was granted have not been satisfactorily maintained, the auditee shall be requested to take defined corrective action in accordance with 2.5.5.4 of the *ANSI International Procedures* and 5.1 of this document.

6.6 Conflict of interest

6.6.1 Audit Team: The ANSI Audit Director shall not appoint auditors to an audit team who have a known conflict of interest that may affect their ability to perform an unbiased audit. Appointed auditors shall notify the ANSI Audit Director of any real or apparent conflict of interest as soon as practicable after notification of their appointment.

6.6.2 Reviewing Body: A member (or his/her employer) of a reviewing body having a conflict of interest with the auditee shall not be allowed to receive or review a copy of the audit report and will not be allowed to participate in the discussion of the audit unless otherwise agreed to by the auditee. Typically a potential conflict of interest arises when a member of the relevant ANSI reviewing body participated in the development of the U.S. positions sponsored by the US TAG under review or that person is employed by, or a member of the governing body of, the relevant US TAG Administrator. Similarly, a conflict of interest usually does not exist by virtue of the fact that a member of the ANSI reviewing body participated in the development of national standards by the same organization that serves as the US TAG Administrator, the development of U.S. positions by another US TAG administered by the same US TAG Administrator or is a member of that US TAG.

The auditee shall be provided with a list of names and affiliations of the members of any reviewing bodies prior to their review of the audit information, and be given the opportunity to advise ANSI of a potential conflict of interest on the part of one or more members of a reviewing body. If the auditee or other relevant party asserts that it believes that a member of the ANSI reviewing body has a conflict of interest, that auditee or party is required to state the reason(s) for its belief. That information shall then be forwarded to the member of the reviewing body identified as having a possible conflict for that person's response. If that committee member disagrees with the assertion, then the Chairman of the ANSI reviewing body shall make a final determination as to whether a conflict of interest exists.

6.7 Confidentiality of Audit Reports

All audit information and audit reports shall remain confidential and shall not be disclosed to any person other than the auditee, appropriate ANSI staff, the auditors, and, as appropriate, members of the reviewing bodies. The auditee may provide the audit information and reports received to whomever it deems appropriate.

7 Hearings and appeals

7.1 Request for hearing on an action of the ExSC

The auditee may submit a written request for a hearing before the ExSC with respect to the action taken by the ExSC in 5.1 or 6.6 above, provided such request is received at ANSI within thirty (30) days after receipt of notification of the ExSC action. The request shall include a statement of the reasons as to why the action of the ExSC should be modified. The hearing shall be conducted in accordance with the hearing procedures contained in the *Operating Procedures of the Executive Standards Council*.

7.2 Appeal of ExSC action

Final action by the ExSC may be appealed to the ANSI Appeals Board in accordance with the *Appeals Board Operating Procedures*.

8 Annual report and plan

The ANSI Audit Director shall prepare an annual report summarizing the audit activities for the year. The report shall be transmitted to the ExSC and to the ANSI Board of Directors by December 1 of each year.

9 Self-audits

Accredited US TAGs may find it useful to conduct self-audits. The purpose of self-audits is to permit an accredited US TAG to identify areas where improvement and increased efficiency are possible. They also provide an opportunity to identify any areas where policies or procedures may not be in conformance with the *ANSI International Procedures*. Annex B contains suggested self-audit procedures. The results of any self-audit are required to be submitted to the ExSC for review with the US TAG's annual report. In addition, accredited US TAGs are not required to use annex B in conducting self-audits.

Annex A - ANSI reporting format

U.S. Technical Advisory Groups

This audit applies only to ANSI requirements relative to U.S. participation in the international standards activities of ISO by the ANSI accredited U.S. TAG being audited. The ExSC will identify the sections of the *ANSI Reporting Format* which are specific to the audit for cause. While the US TAG is required to respond only to those items determined by the ExSC to be part of the audit, US TAGs may find completion of the entire form useful in examining the operations of the US TAG.

Name of accredited U.S. TAG: _____

Date of accreditation: _____

Address: _____

_____

Date(s) of audit: _____

Name(s) and address(es) of auditor(s) _____

_____

_____

Responses to the questions below, and explanations where necessary, must be based on evidence found during the audit. Such evidence should substantiate the answer (and explanation) given.*

1. Procedures governing development and coordination of U.S. positions in the international standardization activities of ISO.

1.1. Indicate below the procedures used:

1.1.1. ANSI's model procedures for an accredited U.S. TAGs ___

1.1.2. U.S. TAGs procedures ___

1.2. If the U.S. TAG's procedures are used, do they meet the requirements in the *Criteria for the Development and Coordination of U.S. Positions in the International Standards Activities of the ISO and IEC*? (2.1.1 and 2.5.2.2)* Yes ___ No ___

1.2.1. If no, what is the explanation?

1.3. If the U.S. TAG's procedures are used, have these procedures been revised since the date of accreditation or reaccreditation? (2.5.5.1)* Yes ___ No ___

1.3.1. If yes, have the revised procedures been formally transmitted to ANSI? (1.2)* Yes ___ No __

1.3.2. If yes, is there documentation verifying this transmittal? Yes ___ No ___

1.3.3. If no, what is the explanation?

1.4. Are the current procedures transmitted to new participants, as well as to officers of the U.S. TAG? Yes ___ No ___

* Numbers in parentheses with an asterisk refer to corresponding sections in the current version of the *ANSI Procedures for the Development and Coordination of American National Standards*.

1.4.1. If no, what is the explanation?

1.5. Are the procedures readily available to any interested person? (B5.1)* Yes ___ No ___

1.5.1. If no, what is the explanation?

1.6. Does the U.S. TAG have any U.S. TAG(s) to ISO subcommittee(s) which are not independently accredited? Yes ___ No ___

1.6.1. If yes, is the degree of independent authority to take actions defined in writing, either as part of the U.S. TAG procedures or as a policy or agreement? (2.2.1)* Yes ___ No ___

1.6.1.1. If no, what is the explanation?

1.6.2. If yes, was the agreement approved by the parent U.S. TAG? (2.2.1)* Yes ___ No ___

1.6.2.1. If no, what is the explanation?

1.6.3. If yes, was a copy of the agreement provided to ANSI? (2.2.1)* Yes ___ No ___

1.6.3.1. If no, what is the explanation?

1.7. Does the U.S. TAG to an ISO technical committee have a U.S. TAG to a ISO subcommittee that has the authority to perform all of the functions of a U.S. TAG without oversight by the U.S. TAG to the ISO technical committee? (2.5.4)* Yes ___ No ___

1.7.1. If yes, is the U.S. TAG to the ISO subcommittee separately accredited? (2.5.4)* Yes ___ No ___

1.7.1.1. If no, what is the explanation?

2. Administrative oversight and support of standards activities

2.1. Is the U.S. TAG Administrator a member of ANSI? (2.3.1.2.1)* Yes ___ No ___

2.1.1. If no, why not?

2.2. Is there a supervisory body that reviews standards development activities and progress? (2.3.1.2.2 and 2.3.1.2.3)* Yes ___ No ___

2.2.1. If no, what, if any, mechanism exists to review the standards development activities and progress?

2.3. Has the U.S. TAG membership list and annual report been sent to ANSI on an annual basis? (2.3.3.2)* Yes ___ No ___

2.3.1. If no, what is the explanation?

2.4. Is participation monitored for openness, dominance, balance, activity, and interest classification? (2.3.1.2.5)* Yes ___ No ___

2.4.1. If no, what is the explanation?

2.5. Has the level of participation of each member of the U.S. TAG (and other relevant bodies) been monitored to ensure active participation? (2.3.3.3)* Yes ___ No ___

2.5.1. If no, what is the explanation?

2.6. If a member of the U.S. TAG (and other relevant bodies) is found to be a poor participant or non-participant, are attempts made to rectify the delinquency? Yes ___ No ___

2.6.1. If no, what is the explanation?

2.7. Has any member of the U.S. TAG (and other relevant bodies) been suspended for non-participation within the last five years? Yes ___ No ___

2.7.1. If yes, what methods were employed to elicit a more active participation and how was the member(s) suspended?

2.8. Are administrative and clerical functions (including meeting arrangements, timely preparation and distribution of documents related to the work of the U.S. TAG, and maintenance of appropriate records, including minutes of meetings and results of letter ballots, etc.) being handled effectively? (2.3.3.4)* Yes ___ No ___

2.8.1. If no, what is the explanation?

2.9. Are there written internal administrative procedures for handling requests to participate, preparation and distribution of documents related to the work of the U.S. TAG, minutes, letter ballots, responses to comments, record keeping, etc.? Yes ___ No ___

2.9.1. If no, what is the explanation?

2.10. Is there a readily available and identifiable source within the accredited U.S. TAG to obtain additional information on any international standards activity in which the U.S. TAG is participating? Yes ___ No ___

2.10.1. If no, what is the explanation?

2.11. Are responsible parties within the accredited U.S. TAG knowledgeable of ANSI requirements for openness, due process, criteria for approval of U.S. positions, etc.? Yes ___ No ___

2.11.1. If no, what is the explanation?

2.11.2. What staff training on the ANSI requirements is available?

2.11.3. If training is available, do the training materials contain the current policies and procedures? Yes ___ No ___

2.11.4. If training is available, who normally provides the staff training?

2.12. What methods are used to ensure that participants are aware of ANSI requirements for due process, consensus and the criteria for approval of U.S. positions?

2.12.1. If training is available, do the training materials contain the current policies and procedures? Yes ___ No ___

2.12.2. If training is available, who normally provides the training?

2.12.3. If training for officers (and other members) is available, is it optional or required?

2.12.4. If training is required, how is this requirement enforced?

3. Records of compliance with ANSI due process requirements

3.1. How are records of standards activities and compliance with ANSI requirements prepared and maintained?

3.1.1. Where are the records kept?

3.1.2. How long are standards-related records maintained?

3.2. Is there a record retention policy that provides for retention of records for a period of time after issuance of the international standard to which they pertain? (B5.4)* Yes ___ No ___

3.2.1. If no, what is the explanation?

3.3. Is there compliance with record retention policies? (2.3.3.4 and B5.4)* Yes ___ No ___

3.3.1. If no, what is the explanation?

3.4. How is the record retention policy made available to staff or other interested parties?

3.5. Is a membership record for the U.S. TAG (and other related standards development bodies) maintained? (2.3.3.2)* Yes ___ No ___

3.5.1. If no, what is the explanation?

3.5.2. If yes, does this record include invitations and replies from materially and affected interests? Yes ___ No ___

3.5.3. If yes, does this record include membership requests from interested parties and replies from the accredited standards developer? Yes ___ No ___

3.6. Are minutes of all relevant bodies maintained? (2.3.3.4)* Yes ___ No ___

3.6.1. If no, what is the explanation?

3.6.2. If yes, do the minutes of meetings give sufficient information so that rationale for the U.S. position, including the responses to comments, can be determined? Yes ___ No ___

3.6.3. Do the minutes provide copies of all documents distributed at the meeting or are they provided separately?

3.7. Are records for each letter ballot taken by the U.S. TAG (and other relevant bodies) maintained? Yes ___ No ___

3.7.1. If no, what is the explanation?

3.7.2. If yes, do these records contain the receipt and disposition of each comment and negative ballot submitted? Yes ___ No ___

4. Cooperation and communication with ANSI

4.1. Indicate if the U.S. holds a P- or O-membership in the applicable ISO technical committee or subcommittee.

4.1.1. The U.S. holds a P-membership. _____

4.1.2. The U.S. holds an O-membership. _____

4.2. Are recommendations concerning registration, change of registration or termination of registration of ANSI as a P- or O- member on an ISO technical committee or subcommittee being submitted to ANSI as approved by the U.S. TAG? (1.3.2, 2.2.3.1, 2.3.3.5 and A2.1)* Yes ___ No ___

4.2.1. If no, what is the explanation?

4.3. Are U.S. proposals for new work items for consideration by an ISO technical committee or subcommittee submitted to ANSI as approved by the U.S. TAG? (2.2.3.2)* Yes ___ No ___

4.3.1. If no, what is the explanation?

4.4. Are U.S. working drafts for consideration as committee drafts by an ISO technical committee, subcommittee or working group submitted to ANSI as approved by the U.S. TAG? (2.2.3.3)* Yes ___ No ___

4.4.1. If no, what is the explanation?

4.5. Are U.S. positions on ISO draft International Standards, draft technical reports, committee drafts, ISO questionnaires, draft reports of meetings, etc. submitted to ANSI as approved by the U.S. TAG? (2.2.3.4)* Yes ___ No ___

4.5.1. If no, what is the explanation?

4.6. Are U.S. positions on agenda items of an ISO technical committee or subcommittee meeting approved by the U.S. TAG and is the U.S. delegation given appropriate instructions, including any flexibility it might have on said positions? (2.2.3.6)* Yes ___No ___

4.6.1. If no, what is the explanation?

4.7. Do all U.S. positions submitted to ANSI include the information listed below? (A.7.10)* Yes ___No ___

4.7.1. Title and designation of the document.
4.7.2. Indicated of the type of action requested (for example, approval of a new draft international standard).
4.7.3. Status of any appeal action related to approval of the proposed U.S. position .
4.7.4. A summary of voting and U.S. TAG member responses.
4.7.5. Identification of all unresolved views and objections, names of the objector(s), and a report of attempts toward resolution.

5. Annual Reporting

5.1. Has an annual report been prepared by the TAG Administrator and submitted to ANSI? (2.5.5.2)* Yes ___No ___

5.1.1. If no, what is the explanation?

5.2. Does the annual report include information on meetings (including attendees), actions taken and the work program? (2.5.5.2)* Yes ___No ___

5.2.1. If no, what is the explanation?

5.3. Does the annual report include the current U.S. TAG membership list? (2.5.5.2)* Yes ___No ___

5.3.1. If no, what is the explanation?

5.3.2. If yes, does it include the following?

5.3.2.1. Title and designation of the U.S. TAG. Yes ___No ___

5.3.2.2. Scope of the U.S. TAG. Yes ___ No ___

5.3.2.3. U.S. TAG Administrator (name of organization, secretary, address(es), telephone, etc.). Yes ___ No ___

5.3.2.4. U.S. TAG officers (chair and other officers). Yes ___ No ___

5.3.2.5. Names of individual members and alternates, their addresses and business affiliations, including names of the organizations they are representing on the U.S. TAG. Yes ___ No ___

5.3.2.6. The interest categories of the U.S. TAG are defined and the category of each member identified. Yes ___ No ___

5.4. Does the annual report include any problems encountered during the past year in the functioning of the U.S. TAG or U.S. TAG administration, and any areas in which the TAG Administrator requires assistance by ANSI? (2.5.5.2.3) *Yes ___ No ___

5.5. Does the annual report include express certification by the TAG Administrator that the U.S. TAG has been and continues to be operated in a manner that complies with all applicable ANSI and ISO procedures? (2.5.5.2.4)* Yes ___ No ___

5.6. If a self-audit was conducted in the last year, were the results included with the annual report? (2.5.5.2.5)* Yes ___ No ___

5.6.1. If no, what is the explanation?

6. Notification of standards activity to directly and materially affected persons

6.1. Are announcements (direct mailings, press releases, articles in the trade press, advertisements, etc.) used to solicit participation by directly and materially affected interests? (B4.1)* Yes ___ No ___

6.1.1. If no, what is the explanation?

6.1.2. When in the process are these announcements released?

6.1.3. How are responses to such announcements considered? (1.2.1)*

6.2. Are appropriate international standards activities listed in *Standards Action* in order to provide an opportunity for public comment? (B5.2)* Yes ___ No ___

6.2.1. If no, what is the explanation?

6.2.2. If yes, what is the normal length of the comment period?

7. Coordination with other US TAGs

7.1. Is the scope of the U.S. TAG consistent with the applicable portion of the scope of the ISO technical committee or subcommittee? (2.2.2)* Yes ___ No ___

7.1.1. If no, what is the explanation?

7.2. What methods exist to provide a consistent review of existing standards and standards being developed, both nationally and internationally, for the purpose of avoiding duplication of effort and conflicting standards? (A2.9)*

7.3. What channels of communication with other US TAGs (direct, or through ANSI Standards Boards, Planning Panels, etc.) are utilized for coordination? (2.2.3.9)*

7.4. Do formal liaisons exist between the accredited U.S. TAG and other national standards developers and US TAGs? (A2.9)*

7.4.1. If yes, please provide a list.

7.5. If harmonization of standards cannot be resolved between the accredited U.S. TAG and other US TAGs, is the matter referred to ANSI for assistance in coordination and development of a harmonization plan? Yes ___ No ___

7.6. Is there a parallel or related national standards development program? (A2.9 and B6.1)* Yes ___ No ___

7.6.1. If yes, please provide a list of the national activities.

7.6.2. If yes, does how do the members of the accredited U.S. TAG participate in the national standards activity?

7.6.3. Are national standards reviewed by the accredited U.S. TAG proposed for international adoption? Yes ___ No ___

7.6.4. Are international standards considered by the appropriate accredited standards developer for adoption as American National Standards? Yes ___ No ___

8. Openness of participation

8.1. In the formation of the U.S. TAG to the ISO technical committee or any subcommittee(s) did the TAG Administrator contact U.S. national interested parties? (2.1.2)* Yes ___ No ___

8.1.1. If no, what is the explanation?

8.2. Did an notice of formation of a U.S. TAG appear in ANSI's *Standards Action* and other appropriate publications? (2.1.2 and 2.4.2)* Yes ___ No ___

8.2.1. If no, what is the explanation?

8.2.2. If yes, was prompt consideration given to the written views and objections of those commenting on the notice and was an effort made to resolve all expressed objections? (2.4.2)* Yes ___ No ___

8.2.3. If no, what is the explanation?

8.3. Does the U.S. TAG have a co-administrator? Yes ___ No ___

8.3.1. If yes, is there a written agreement on file at ANSI that includes implementation of administrative responsibilities? (2.3.2)* Yes ___ No ___

8.3.1.1. If no, what is the explanation?

8.3.2. If yes, is the U.S. TAG being audited the organization designated as the party with whom ANSI interfaces? (2.3.2)* Yes ___ No ___

8.4. What are the officers of the U.S. TAG?

8.5. Are the officers being selected in accordance with the applicable procedures? (*Note* clause A4 covers the requirements for those U.S. TAGs using the *Model TAG Procedures*.) Yes ___ No ___

8.5.1. If no, what is the explanation?

8.6. Are requests for membership addressed to the TAG Administrator? (2.1.2)* Yes ___ No ___

8.6.1. If no, what is the explanation?

8.7. How are requests for membership approved? (*Note:* clause A5 covers the requirements for those U.S. TAGs using the *Model TAG Procedures*.)

8.8. Are requests for membership being processed, approved or denied in accordance with applicable procedures? Yes ___ No ___

8.8.1. If no, what is the explanation?

8.9. Is participation open to all national interested parties (organizations, companies, government agencies, individuals, etc.) who are directly and materially affected by the activity in question? (2.1.1 and B4.1)* Yes ___ No ___

8.9.1. If no, what is the explanation?

8.10. Is participation conditional upon membership in any organization? (B4.1)* Yes ___ No ___

8.10.1. If yes, what is the explanation?

8.11. Is there a fee for participation? (B4.1)* Yes ___ No ___

8.11.1. If yes, do procedures exist to provide a waiver of fees to qualified applicants? Yes ___ No ___

8.11.1.1. If yes, have any requests for waiver been received in the last five years? Yes ___ No ___

8.11.1.2. If yes, what was the disposition of these requests?

8.11.1.3. If yes, does the fee present a barrier to participation (please explain)? Yes ___ No ___

8.12. Is participation restricted on the basis of technical qualifications or other such requirements? (B4.1)* Yes ___ No ___

8.12.1. If yes, are written guidelines regarding the minimum technical qualifications established for each project? Yes ___ No ___

8.12.2. If no, how are the minimum technical qualifications determined?

8.13. In the last three years, have any requests for participation been denied? Yes ___ No ___

8.13.1. If yes, what is the explanation?

8.13.2. If yes, was the applicant notified that the decision may be appealed within the appeals system established by the U.S. TAG? (2.1.2)* Yes ___ No ___

8.13.2.1. If no, what is the explanation?

8.13.3. If yes, was an appeal submitted? Yes ___ No ___

8.14. What efforts is the TAG Administrator making to ensure active participation on the U.S. TAG?

8.15. In the last three years, have any members of the U.S. TAG been suspended due to lack of participation? Yes ___ No ___

8.15.1. If yes, was the suspension accomplished in accordance with applicable procedures? (*Note*: Clause A5.9 covers the requirements for those using the *Model TAG Procedures*.) Yes ___ No ___

8.15.2. If yes, what efforts did the TAG Administrator make to encourage active participation prior to the suspension?

9. Balance and lack of dominance

9.1. What are the interest categories of the U.S. TAG and when was membership therein last reviewed? (2.5.2.1)*

9.1.1. What is the current balance of the above interest categories? (B4.2)*

9.1.2. Are the Producer, User and General Interest categories included? Yes ___ No ___

9.1.2.1. If no, what is the explanation?

9.1.3. Does each of the identified interest categories have adequate representation? Yes ___ No ___

9.1.3.1. If no, what efforts have been made to attract additional members?

9.1.4. Is participation by users actively sought? Yes ___ No ___

9.1.5. Do the user participants have the requisite technical knowledge and experience? Yes ___ No ___

9.2. What mechanism does the accredited standards developer utilize to achieve and maintain a balanced membership on the U.S. TAG (and other relevant bodies)?

9.3. Have any claims of dominance been made? (B4.2)* Yes ___ No ___

9.3.1. If yes, what is the explanation?

10. Balloting procedures and results

10.1. Is balloting being handled expeditiously and in accordance with the procedures that formed the basis for accreditation of the U.S. TAG? (B7.2)* Yes ___ No ___

10.1.1. If no, what is the explanation?

10.1.2. Are there internal ballot procedures available to all staff? Yes ___ No ___

10.2. What is the usual voting period?

10.3. Are the voting requirements (i.e. majority or 2/3 of those voting) being met? (*Note*: Clauses A7.5 and A7.6 of the *Model TAG Procedures* contain the requirements) Yes ___ No ___

10.3.1. If no, what is the explanation?

10.4. Are the ballot results, after attempts at resolution of objections, reported to the participants, providing an opportunity to change the initial vote? Yes ___No ___

10.4.1. If no, what is the explanation?

10.5. Are the position taken by the U.S. TAG in accordance with the guidelines found in B6.1, B6.2 and B6.3 of the ANSI *International Procedures*? (B6.1, B6.2, B6.3 and B6.4)* Yes ___No ___

11. Consideration of views and objections

11.1. Is there a record of each comment and objection resulting from the balloting, public review responses, and other views and inputs received? (B5.3)* Yes ___ No ___

11.1.1. If no, what is the explanation?

11.2. Was there an effort to resolve all objections? (B5.3)* Yes ___ No ___

11.2.1. If no, what is the explanation?

11.3. Was each objector advised of the disposition of the objection, with an opportunity to withdraw or maintain the objection? (B5.3)* Yes ___ No ___

11.3.1. If no, what is the explanation?

11.4. If substantive changes were made to the proposed standard(s) after it was balloted, are they reported to the U.S. TAG? (B5.3)* Yes ___No ___

11.4.1. If no, what is the explanation?

12. Meetings of the U.S. TAG and ISO Technical Committee, Subcommittee or Working Group

12.1. Has the ISO Technical Committee, Subcommittee(s) or working group(s) met in the U.S.? Yes ___No ___

12.1.1. If yes, was the invitation to host the meeting made by the U.S. Head of Delegation, with the proviso that the actual invitation was subject to confirmation by ANSI, upon recommendation by the TAG Administrator? (1.4.2 and 2.2.3.11)* Yes ___No ___

12.1.1.1. If no, what is the explanation?

12.1.2. If yes, was the written request to ANSI approved by the U.S. TAG and did it state that the U.S. TAG or other sponsoring organization(s) shall bear the meeting costs? (1.4.3)* Yes ___No ___

12.1.2.1. If no, what is the explanation?

12.1.2.2. If yes, did the written request include proposed meeting dates, location and a point of contact for meeting arrangements? (1.4.3)* Yes ___No ___

12.1.2.2.1. If no, what is the explanation?

12.2. Has the U.S. TAG provided adequate U.S. representation to ISO technical committee or subcommittee meetings? (2.2.3.5)? Yes ___No ___

12.2.1. If no, what is the explanation?

12.3. Has the U.S. TAG designated Heads of Delegations and members of delegations? (2.2.3.5)* Yes ___No ___

12.3.1. If no, what is the explanation?

12.3.2. If yes, have these lists been transmitting to ANSI? (2.3.3.6)* Yes ___No ___

12.3.2.1. If no, what is the explanation?

12.3.3. If yes, have Head of Delegation reports been prepared? Yes ___No ___

12.3.3.1. If no, what is the explanation?

12.4. How has the U.S. TAG ensured compliance with the *ANSI Guide for U.S. Delegates to IEC/ISO Meetings*? (2.2.3.5)*

12.5. Has the U.S. TAG nominated U.S. technical experts to serve on ISO working groups? (2.2.3.7)* Yes ___No ___

12.5.1. If no, what is the explanation?

13. Complaint Notification and Appeals

13.1. Has a copy of any complaint concerning the manner in which the U.S. TAG is operating or the U.S. TAG administration is being conducted, and all subsequent related correspondence, been forwarded to ANSI? (2.5.5.3)* Yes ___No ___

13.1.1. If no, what is the explanation?

13.2. What appeals have been received since the last audit and what was the final disposition?

13.3. What methods are used to notify outstanding objectors of their right of appeal?

13.4. Are there written appeals procedures that are readily available upon request? Yes ___No ___

13.4.1. If no, what is the explanation?

13.4.2. If yes, do the written procedures contain an identifiable, realistic and readily available appeals mechanism? (B5.5) Yes ___ No ___

13.5. Are appeals to the accredited U.S. TAG on the basis of substantive and procedural actions or inactions being addressed promptly? Yes ___No ___

13.5.1. If no, what is the explanation?

13.6. Have the rights of the involved parties to present their cases been upheld? Yes ___No ___

13.6.1. If no, what is the explanation?

13.7. Have any undue burdens been placed on the parties involved? Yes ___No ___

13.7.1. If yes, what is the explanation?

13.8. Has consideration of appeals fully addressed the concerns expressed? Yes ___No ___

13.8.1. If no, what is the explanation?

13.9. Have appeals been considered in a fair and unbiased manner? (B5.5)* Yes ___No ___

13.9.1. If no, what is the explanation?

13.10. Is there a record of each appeal and are such records available to the involved parties? Yes ___ No ___

13.10.1. If no, what is the explanation?

14. Publication and maintenance of ISO standards

14.1. Does the TAG Administrator have a license agreement with ANSI to sell the ISO standards on which the U.S. TAG participated? Yes ___No ___

14.2. What methods exist to ensure that ISO standards are reviewed at least every five years for revision, reaffirmation or withdrawal?

14.3. Are any ISO standards beyond the five-year limit for review? Yes ___ No ___

14.4. Are any ISO standards beyond the ten-year age limit? Yes ___ No ___

14.4.1. If yes, what is the explanation?

15. Other

15.1. What mechanism exists for the prompt consideration of a proposal made for developing new standards or revising or withdrawing existing International Standards?

15.2. Does all communication from the U.S. TAG clearly indicate that it is from the U.S. TAG and not ANSI? Yes ___ No ___

15.3. How does the accredited U.S. TAG handle allegations that an international standard or portion of an international standard unreasonably restrains trade or is anti-competitive?

15.4. What method does the accredited standard developer use to assure that adequate representation of consumers' concerns is obtained in connection with consumer product standards?

15.4.1. Is this method utilized as required? Yes ___ No ___

Annex B - Self-audits by ANSI Accredited US TAGs to ISO

ANSI accredited US TAGs to ISO may find it useful to conduct self-audits. The purpose of self-audits is to permit an accredited US TAG to identify areas where improvement and increased efficiency are possible. They also provide an opportunity to identify any areas where policies or procedures may not be in conformance with the *ANSI International Procedures*. The results of any self-audit are required to be submitted with the annual report. Accredited US TAGs are not required to use annex B in conducting self-audits.

Self-audits should involve a review of the operations of the ANSI accredited U.S. TAG as they relate to participation in the international standards development and associated activities, including continuity of administrative oversight and support of its standards activities. A sampling of operations and documents should be used to obtain a representative review.

Audits should take into consideration the practices and actions, records, and reports of the accredited U.S. TAG in implementing its operating procedures to comply with ANSI criteria, rules, procedures and requirements.

Individuals selected to serve as auditors should be experienced in, and have knowledge of, the voluntary consensus standards system including ANSI criteria for accreditation, due process and consensus. In order to avoid any real or apparent conflict of interest, individuals serving as auditors preferably should not be directly involved in the standards work of the standards developer, either as a volunteer or as a staff member.

An audit report, including findings and recommendations, should be prepared by the auditors and provided to the accredited U.S. TAG in a timely manner, preferably within 40 working days of completion of the audit. The ANSI Audit Reporting Format (annex A) may be used.

ExSC 6079

The new text proposed below specifically addresses the procedures to be followed in connection with a complaint against an ANSI-accredited US TAG to ISO. Please seee ExSC 6078 for related procedures.

18 ExSC Consideration of Complaints against ANSI-accredited US TAGs to ISO

If a formal complaint is lodged against an ANSI-accredited US TAG to ISO (US TAG), and if the complainant has completed the appeals process(es) available at the US TAG, the ExSC shall handle the complaint as follows:

(a) Upon receipt of a formal complaint, the ExSC shall review the complaint.

1) If the complaint has not been brought within a reasonable time of the challenged action of the US TAG, the ExSC shall, unless there are compelling circumstances, dismiss the complaint.
2) If the Complaint is technical in nature or relates to the content of a standard and does not allege and provide substantiation of facts constituting a violation of any procedures under which the US TAG is accredited to operate, the ExSC shall dismiss the complaint.

(b) If the Complaint is not dismissed pursuant to (a), the ExSC shall send a copy of the complaint to the US TAG Administrator and request a response to the allegations in the complaint. The ExSC, in its discretion, may ask the TAG Administrator either for a general response or, if it is concerned with only certain of the allegations raised in the complaint, it may request a more limited response only to those areas of concern.

(c) Upon receipt of the response from the US TAG, the ExSC shall do one of the following:
1) if it determines that the complaint and the response taken together do not support a claim that the US TAG has violated its procedures, it shall dismiss the complaint;
2) if it determines that substantial and material reasons exist indicating immediate action may be necessary, it shall order an audit for cause.

(d) Any audit for cause shall be limited in scope to that which is necessary to reasonably investigate the complaint. Such audits, where appropriate, may be handled by mail, rather than through an on-site visit.

(e) Following any audit for cause, the US TAG Administrator shall receive a copy of the audit report and shall have the opportunity to provide a written response to the audit report. The results of any audit for cause and the response of the US TAG shall be reviewed by the ExSC, who shall determine what additional action, if any, shall be taken. The US TAG shall have full notice and an opportunity to be heard before the ExSC implements any adverse action against the US TAG.

(f) The ExSC's final action may be appealed to the ANSI Appeals Board.

ExSC 6082

The ANSI NIC formed a task group to address the applicability of ISO Guide 72 "Guidelines for Justification and Development of Management Systems" to the American National Standards process. As a result of this task group, the NIC determined that ANSI should require that the PINS announcement contain, in a summarized form, sufficient information so that possibly impacted parties can decide whether they need to participate in the process. The NIC agreed that the following information should be included as part of the PINS scope statement for publication in Standards Action: (a) an explanation of the need for the project, i.e., the market driver for the project; (b) identification of the interest groups or sectors likely to be directly impacted by the standard; and (c) whether it is originally intended that the standard will be submitted for approval by ISO, IEC or a regional standards body such as PSA or COPANT. The NIC further stated that developers are encouraged to consult any relevant ISO, IEC or regional Guides that may impact the proposed standard. Note also that if the response to any of these questions changes substantively as the standard is developed, a revised PINS shall be submitted and published.

The revision proposed below to the ANSI Procedures for the Development and Coordination of American National Standards is the ExSC's proposal to address the NIC's directive. The sample PINS form is provided for your information and comment.

1.2.7 Notification of standards development

Notification of standards activity shall be announced in suitable media as appropriate to demonstrate provision of opportunity for participation by all directly and materially affected persons. At the initiation of a project to develop or revise an American National Standard, notification shall be transmitted to ANSI using the Project Initiation Notification System (PINS) form, or its equivalent, for listing in Standards Action. A scope statement as defined on the PINS form shall be provided as part of the PINS submittal. A PINS form may be submitted, but is not required, at the initiation of a project to reaffirm or withdraw an American National Standard. Comments received in connection with a PINS announcement shall be handled in accordance with the appropriate sections of clause 1.2.8 herein.

Date: _____

ANSI Project Initiation Notification System (PINS) Form ***(Rev. 3/02)***

This form may be faxed to 212-840-2298 or sent via E-mail to mweldon@ansi.org or psa@ansi.org

1. Name of Accredited Standards Developer (include acronym if applicable):

2. Designation of Project:

3. Title of Project:

4. Scope Summary or Abstract of Project. *Developers are encouraged to consult any relevant ISO, IEC or regional Guides that may impact the proposed standard. Note also that if the response to any of these questions changes substantively as the standard is developed, a revised PINS shall be submitted and published. The scope statement should include:*

   (a) an explanation of the need for the project, i.e., the market driver for the project;

   (b) identification of the interest groups or sectors likely to be directly impacted by the standard;

   (c) whether it is originally intended that the standard will be submitted for approval by ISO, IEC or a regional standards body such as PSA or COPANT.

5. Check here if the standard covers a consumer product or service: [__]

6. Canvass developers: check here if you are also requesting the publication of an initiation of canvass announcement: [__]

7. Units of measurement used in the standard (check one):

[__] International System of Units (SI) [__] Inch/Pound [__] Both [__] Other [__] Not Measurement Sensitive

8. Additional Keywords (not contained in title or scope summary/abstract)

9. Project Intent (relates to the status of the standard in terms of ANSI only, e.g., any standard that is not an approved ANS, is a new standard):	Supersedes: (relates to the currently approved ANSI standard(s):
__Create a new American National Standard (ANS)	
__Create a supplement to a current ANS	
__Reaffirm current ANS	
__Reaffirm and redesignate current ANS	
__Redesignate and consolidate current ANS	
__Adopt __in whole or __in part, ISO_____ as an ANS* __Adopt __in whole or __in part, IEC_____ as an ANS* __Adopt __ in whole or __in part, ISO/IEC _____as an ANS* __**AND** this adoption revises this current ANS_____	
__Revise current ANS:	
__Revise current ANS by adopting this international standard*:	
__Revise and redesignate current ANS	
__Revise, redesignate and consolidate current ANS	
__Withdraw current ANS (reason):	
__Withdraw previously submitted BSR-8 for this candidate standard	

10. a. Expected Initiation of Project Development: _____
    b. Expected Completion of Project (i.e., submittal of BSR-8): _____

11. Contact (Staff person responsible for this technical area):

Name: _____ Title: _____
Affiliation: _____
Address: _____
City: _____ State: _____ Zip: _____
Telephone: _____ , ext _____ Fax: _____
E-mail: _____ Signature: _____