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Contents

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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

⋆ Standard for consumer products

ISSN 0038-9633

Comment Deadline: August 8, 2005

AISC (American Institute of Steel Construction)

New Standards

BSR/AISC 202-200x, Specification for the Qualification of Steel Structures Inspectors (new standard)

The Steel Structures Inspector program is intended to offer assistance to building design and construction professionals and owners in qualifying individuals for independent 3rd-party inspection of steel construction workmanship. Qualification to this Specification indicates that an inspector has demonstrated the fundamental level of knowledge of steel construction inspection.
Single copy price: $12.00

Obtain an electronic copy from: lopez@aisc.org

Order from: Angelica Lopez, AISC; lopez@aisc.org
Send comments (with copy to BSR) to: Same

ASC X9 (Accredited Standards Committee X9, Incorporated)

Revisions

BSR X9.80-200x, Prime Number Generation, Primality Testing and Primality Certificates (revision of ANSI X9.80-2001)

In the current state of the art in public key cryptography, all methods require, in one way or another, the use of prime numbers as parameters to the various algorithms. This document presents a set of accepted techniques for generating primes. This standard defines methods for generating large prime numbers as needed by public key cryptographic algorithms. It also provides testing methods for testing candidate primes presented by a third party.

Single copy price: $90.00

Obtain an electronic copy from: isabel.bailey@x9.org

Order from: Isabel Bailey, ASC X9; Isabel.Bailey@X9.org
Send comments (with copy to BSR) to: Same

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

Supplements

BSR/ASHRAE 62.1a-200x, Ventilation and Acceptable Indoor Air Quality (supplement to ANSI/ASHRAE 62.1-2004)

This addendum simplifies the analytical conditions for required dehumidification performance. The modified requirement clarifies that each system must be analyzed to check its dehumidification performance at a specific, challenging condition. The addendum also adds an exception to the analytical requirement for high humidity spaces and an exception to the requirement for net positive intake airflow when a specific process needs excess exhaust.

Single copy price: Free

Obtain an electronic copy from: http://www.ashrae.org/template/TechnologyLinkLanding/category/1634

Order from: standards.section@ashrae.org
Send comments (with copy to BSR) to: standards.section@ashrae.org

ASTM (ASTM International)

The URL to search for scopes of ASTM standards is: http://www.astm.org/dsearch.htm
For reaffirmations and withdrawals, order from: Customer Service, ANSI
For new standards and revisions, order from: Corice Leonard, ASTM ; cleonard@astm.org
For all ASTM standards, send comments (with copy to BSR) to: Corice Leonard, ASTM ; cleonard@astm.org

New Standards

BSR/ASTM E2404-200x, Practice for Specimen Preparation and Mounting of Paper or Vinyl Wall Coverings to Assess Surface Burning Characteristics (new standard)
Single copy price: $28.00

Revisions

BSR/ASTM D3753-200x, Specification for Glass-Fiber-Reinforced Polyester Manholes and Wetwells (revision of ANSI/ASTM D3753-1999)
Single copy price: $33.00

BSR/ASTM D4756-200x, Practice for Installation of Rigid Poly(Vinyl Chloride) (PVC) Siding and Soffit (revision of ANSI/ASTM D4756-2003)
Single copy price: $33.00

BSR/ASTM D5421-200x, Specification for Contact Molded "fiberglass" (glass-fiber-reinforced Thermosetting Resin) Flanges (revision of ANSI/ASTM D5421-2000)
Single copy price: $33.00

BSR/ASTM D6783-200x, Specification for Polymer Concrete Pipe (revision of ANSI/ASTM D6783-2003)
Single copy price: $33.00

BSR/ASTM E84-200x, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2005)
Single copy price: $39.00

BSR/ASTM E108-200x, Test Methods for Fire Tests of Roof Coverings (revision of ANSI/ASTM E108-2004)
Single copy price: $39.00

BSR/ASTM E119-200x, Test Methods for Fire Tests of Building Construction and Materials (revision of ANSI/ASTM E119-2000)
Single copy price: $44.00

BSR/ASTM E176-200x, Terminology of Fire Standards (revision of ANSI/ASTM E176-2005)
Single copy price: $39.00

BSR/ASTM E535-200x, Practice for Preparation of Fire-Test-Response Standards (revision of ANSI/ASTM E535-2005)
Single copy price: $33.00

BSR/ASTM E800-200x, Guide for Measurement of Gases Present or Generated During Fires (revision of ANSI/ASTM E800-2001)
Single copy price: $39.00

BSR/ASTM E906-200x, Test Method for Heat and Visible Smoke Release Rates for Materials and Products (revision of ANSI/ASTM E906-2004)
Single copy price: $44.00

BSR/ASTM E1472-200x, Guide for Documenting Computer Software for Fire Models (revision of ANSI/ASTM E1472-2003)
Single copy price: $33.00

HIBCC (Health Industry Business Communications Council)

Revisions

BSR/HIBC 1.2-200x, The Health Industry Bar Code (HIBC) Provider Applications Standard (revision and redesignation of ANSI/HIBC 1-1996)

This American Standard:
- Specifies the minimum requirements and optional structures for the machine-readable identification for health industry applications;
- Provides guidance for the formatting and placement of data presented in linear bar code, two-dimensional symbol, or human readable form; and
- Makes recommendations as to label placement, size, material and the inclusion of free text and any appropriate graphics.
Single copy price: Free

Obtain an electronic copy from: info@hibcc.org or www.hibcc.org

Order from: HIBCC, 602.381.1091
Send comments (with copy to BSR) to: Sara Polansky, HIBCC; sph@hibcc.org

ITI (INCITS)

Reaffirmations

BSR/ISO/IEC 9798-2-1994 (R200x), Information technology - Security techniques - Entity authentication - Part 2: Mechanisms using symmetric encipherment a;gorithms (2nd edition) (reaffirmation of ANSI/ISO/IEC 9798-2-1994)

This part of ISO/IEC 9798 specifies entity authentication mechanisms using symmetric encipherment algorithms. Four of the mechanisms provide entity authentication between two entities where no trusted third party is involved.
Single copy price: $18.00

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

INCITS/ISO/IEC 9796-3-2000 (R200x), Information technology - Security techniques - Digital signature schemes giving message recovery - Part 3: Discrete logarithm based mechanisms (reaffirmation of INCITS/ISO/IEC 9796-3-2000)

Specifies two randomized digital signature schemes giving message recovery. The security of both schemes is based on the difficulty of the discrete logarithm problem. The first scheme is defined on a prime field and the second one on an elliptic curve. Also defines a redundancy scheme using hash-codes and specifies how the basic signature schemes are to be combined with the redundancy scheme. Also defines an optional control field in the hash-token, which can provide added security to the signature.

Single copy price: $18.00

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

INCITS/ISO/IEC 9797-1-1999 (R200x), Information technology - Security techniques - Message authentication codes (MACs) - Part 1: Mechanisms using block cipher (3rd edition) (reaffirmation of INCITS/ISO/IEC 9797-1-1999)

This part of ISO/IEC 9797 specifies six MAC algorithms that use a secret key and an n-bit block cipher to calculate an m-bit MAC. These mechanisms can be used as data integrity mechanisms to verify that data has not been altered in an unauthorized manner. They can also be used as message authentication mechanisms to provide assurance that a message has been originated by an entity in possession of the secret key.
Single copy price: $18.00

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

INCITS/ISO/IEC 9798-4-1999 (R200x), Information technology - Security techniques - Entity authentication - Part 4: Mechanisms using a cryptographic check function (2nd edition) (reaffirmation of INCITS/ISO/IEC 9798-4-1999)

This part of ISO/IEC 9798 specifies entity authentication mechanisms using a cryptographic check function.
Single copy price: $18.00

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

INCITS/ISO/IEC 10118-1-2000 (R200x), Information technology - Security techniques - Hash-functions - Part 1: General (2nd edition) (reaffirmation of INCITS/ISO/IEC 10118-1-2000)

ISO/IEC 10118 specifies hash-functions and is therefore applicable to the provisions of authentication, integrity and non-repudiation services. Hash-functions map arbitrary strings of bits to a fixed-length strings of bits, using a specified algorithm.
Single copy price: $18.00

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

INCITS/ISO/IEC 14888-1-1998 (R200x), Information technology - Security techniques - Digital signatures with appendix - Part 1: General (reaffirmation of INCITS/ISO/IEC 14888-1-1998)

ISO/IEC 14888 specifies several digital signature mechanisms with appendix for messages of arbitrary length. This part of ISO/IEC 14888 contains general principles and requirements for digital signatures with appendix. It also contains definitions and symbols common to all parts of ISO/IEC 14888.

Single copy price: $18.00

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

★ INCITS/ISO/IEC 14888-3-1998 (R200x), Information technology - Security techniques - Digital signatures with appendix - Part 3: Certificate-based mechanisms (reaffirmation of INCITS/ISO/IEC 14888-3-1998)

Specifies digital signature mechanisms with appendix for messages of arbitrary length and is applicable for providing data origin authentication, non-repudiation, and integrity of data. This part of ISO/IEC 14888 specifies certificate-based digital signature.

Single copy price: $18.00

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

★ INCITS/ISO/IEC 15408-1-1999 (R200x), Information technology - Security techniques - Evaluation Criteria for IT Security - Part 1: Introduction and General Model (reaffirmation of INCITS/ISO/IEC 15408-1-1999)

Defines criteria, which for historical and continuity purposes are referred to herein as the Common Criteria (CC), to be used as the basis for evaluation of security properties of IT products and systems.
Single copy price: $18.00

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

★ INCITS/ISO/IEC 15408-2-1999 (R200x), Information technology - Security techniques - Evaluation Criteria for IT Security - Part 2: Security Functional Requirements (reaffirmation of INCITS/ISO/IEC 15408-2-1999)

Security functional components, as defined in this part of ISO/IEC 15408, are the basis for the TOE IT security functional requirements expressed in a Protection Profile (PP) or a Security Target (ST).
Single copy price: $18.00

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

INCITS/ISO/IEC 15408-3-1999 (R200x), Information technology - Security techniques - Evaluation Criteria for IT Security - Part 3: Security Assurance Requirements (reaffirmation of INCITS/ISO/IEC 15408-3-1999)

This part of ISO/IEC 15408 defines the assurance requirements of the standard. It includes the evaluation assurance levels (EALs) that define a scale for measuring assurance, the individual assurance components from which the assurance levels are composed, and the criteria for evaluation of PPs and STs.
Single copy price: $18.00

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

Withdrawals

INCITS/ISO/IEC 9979-1999, Information technology - Security techniques - Procedures for the registration of cryptographic algorithms (2nd edition) (withdrawal of INCITS/ISO/IEC 9979-1999)

Specifies the procedures for the registering of cryptographic algorithms and the form of register entries. This International Standard is for use by those wishing to make entries in the register and by the Registration Authority.
Single copy price: $18.00

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

NSF (NSF International)

Revisions

BSR/NSF 4-200x (i10), Commercial cooking, rethermalization, and powered hot food holding and transport equipment (revision of ANSI/NSF 4-2002)

Issue 10: To incorporate boilerplate language and five-year review.
Single copy price: $35.00

Obtain an electronic copy from: www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020
Order from: Techstreet; service@techstreet.com
Send comments (with copy to BSR) to: Steve Tackitt, c/o Lorna Badman, NSF; badman@nsf.org

BSR/NSF 18-200x (i6), Manual food and beverage dispensing equipment (revision of ANSI/NSF 18-2004)

Issue 6: To update normative references and the IPC method.
Single copy price: $35.00

Obtain an electronic copy from: www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020
Order from: www.nsf.org
Send comments (with copy to BSR) to: Steve Tackitt, c/o Lorna Badman, NSF; badman@nsf.org

BSR/NSF 50-200x (i25), Circulation System Components and Related Materials for Swimming Pools, Spas/Hot Tubs (revision of ANSI/NSF 50-2000)

Issue 25: To revise sections 11, 13, and 16, and Annex H to better describe and improve the analytical method. The method that is currently within the standard is obsolete.

Single copy price: $35.00

Obtain an electronic copy from: www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020
Order from: www.nsf.org
Send comments (with copy to BSR) to: Steve Tackitt, c/o Jaclyn Bowen, NSF; bowen@nsf.org

BSR/NSF 50-200x (i31), Circulation System Components and Related Materials for Swimming Pools, Spas/Hot Tubs (revision of ANSI/NSF 50-2000)

Issue 31: To remove the requirement that testing for filters intended for spa applications be done at specified elevated temperatures.
Single copy price: $35.00

Obtain an electronic copy from: www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020
Order from: www.nsf.org
Send comments (with copy to BSR) to: Steve Tackitt, c/o Jaclyn Bowen, NSF; bowen@nsf.org

BSR/NSF 170-200x (i3), Glossary of food equipment terminology (revision of ANSI/NSF 170-2002)

Issue 3: To update the definitions.
Single copy price: $35.00

Obtain an electronic copy from: www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020
Order from: www.nsf.org
Send comments (with copy to BSR) to: Steve Tackitt, c/o Lorna Badman, NSF: badman@nsf.org

UL (Underwriters Laboratories, Inc.)

Revisions

★ BSR/UL 1123-200x, Standard for Safety for Marine Buoyant Devices (revision of ANSI/UL 1123-2005)

Covers marine buoyant devices, including vests, jackets, horseshoe buoys and ring buoys, with or without lifelines, intended for recreational use in accordance with the applicable regulations of the United States Coast Guard (USCG). The buoyant devices covered by these requirements are intended for USCG approval under 46 CFR 160.064.
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: Betty McKay, UL-NC; Betty.C.McKay@us.ul.com

BSR/UL 1778-200X, Standard for Safety for Uninterruptible Power Systems (Bulletin dated 6-15-05) (revision of ANSI/UL 1778-1996)

This comment resolution bulletin includes all comments received on the UL 1778 proposed new edition bulletin dated 8-31-04, and the responses to the comments. Revisions to the 8-31-04 proposals are included.
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: Jonette Herman, UL-NC; Jonette.A.Herman@us.ul.com

BSR/UL 60335-1-200x, Standard for Safety for Household and Similar Electrical Appliances - Part 1: General Requirements (revision of ANSI/UL 60335-1-2003)

The following items would be added to UL 60335-1 and are subject to comment:
1) A national difference deleting the statement related to EMI requirements;
2) A national difference related to the electric strength test requirements and deletion of the second paragraph of 13.3;
3) A national difference requiring software used in a protective electronic circuit to comply with UL 1998;
4) A national difference requiring the equipment water system, if used, to be pressure tested to the USA supply water pressure;
5) A national difference requiring the main protective earthing terminal to be not accessible unless welded or unless not provided with a means to turn it;
6) The national difference replacing Figure 5 would be deleted from UL 60335-1;
7) A national difference relative to Annex P, indicating that the USA does not include regions that are considered WDaE climates; and
8) Revisions to match the IEC text in accordance with IEC Amendment No. 1, that do not warrant UL national differences would be adopted.
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: Alan McGrath, UL-IL; Alan.T.McGrath@us.ul.com

WDMA (Window and Door Manufacturers Association)

Revisions

BSR/WDMA I.S. 1A-200x, Industry Standard for Architectural Wood Flush Doors (revision of ANSI/WDMA I.S.1-A-1999)

This document provides architects, building owners and contractors with exact terminology, grades and performance duty levels, general information, and tests that will ensure the overall level of quality of archetectural wood flush doors.
Single copy price: $12.00

Obtain an electronic copy from: www.wdma.com
Order from: 847-299-5200
Send comments (with copy to BSR) to: Rick Perry, WDMA; rperry@wdma.com

Comment Deadline: August 23, 2005

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

ASME (American Society of Mechanical Engineers)

Revisions

★ BSR/ASME A112.19.8M-200x, Suction Fittings for Use in Swimming Pools, Wading Pools, Spas and Hot Tubs (revision of ANSI/ASME A112.19.8M-1987 (R1996))

Establishes materials, testing and marking requirements for suction fittings that are designed to be totally submerged for use in swimming pools, wading pools, spas and hot tubs, as well as other aquatic facilities.
Single copy price: $20.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview
Order from: Mayra Santiago, ASME; ANSIBOX@asme.org
Send comments (with copy to BSR) to: Calvin Gomez, ASME; gomezc@asme.org

AWS (American Welding Society)

New Standards

BSR/AWS D14.7/D14.7M-200x, Recommended Practices for Surfacing and Reconditioning of Industrial Mill Rolls (new standard)

This standard provides guidance, based upon experience, for preparing, building up and overlaying by welding, postweld heat treating, finish machining, inspecting, and record keeping of new and reconditioned industrial mill rolls used in the primary metal-working industry.
Single copy price: $32.50

Order from: R. O'Neill, AWS; roneill@aws.org
Send comments (with copy to BSR) to: Andrew Davis, AWS; adavis@aws.org; roneill@aws.org

BSR/AWS D18.3/D18.3M-200x, Specification for Welding of Tanks, Vessels, and Other Equipment in Sanitary (Hygienic) Applications (new standard)

This specification provides the requirements for welding of tanks, vessels, and other equipment used in food processing plants and other areas where sanitary (hygienic) applications are required. The document addresses qualification, fabrication, extent of visual examination, acceptance criteria, and documentation requirements.
Single copy price: $25.00

Order from: R. O'Neill, AWS; roneill@aws.org
Send comments (with copy to BSR) to: Andrew Davis, AWS; adavis@aws.org; roneill@aws.org

Revisions

BSR/AWS D14.3/D14.3M-200x, Specification for Welding, Earthmoving, Construction, and Agricultural Equipment (revision of ANSI/AWS D14.3/D14.3M-2000)

This specification provides standards for producing structural welds used in the manufacture of earthmoving, construction, and agricultural equipment. Such equipment is defined as self-propelled, on and off-highway machinery and associated implements.
Single copy price: $61.50

Order from: R. O'Neill, AWS; roneill@aws.org
Send comments (with copy to BSR) to: Andrew Davis, AWS; adavis@aws.org; roneill@aws.org

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:

AWS (American Welding Society)

BSR/AWS A9.1-1992, Guide for Describing Arc Welds in Computerized Material Property and Nondestructive Examination Databases (revision of ANSI/AWS A9.1-1992)

ANSI Technical Reports

ANSI Technical Reports are not consensus documents. Rather, all material contained in ANSI Technical Reports is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject.

Comment Deadline: July 24, 2005

ISA (ISA -The Instrumentation, Systems, and Automation Society)

ANSI/ISA TR12.13.01-1999 (R2005), Flammability Characteristics of Combustible Gases and Vapors (technical report)

This technical report includes theoretical and practical work carried out and collected by the U.S. Bureau of Mines relating to ignition and explosive properties of flammable gas mixtures. Flammability limits, under varying conditions of proportion, temperature, and pressure, are presented. While the primary emphasis is on methane-air mixtures as found in coal mines, a full treatment of many other gases and vapors is included.
Single copy price: $30.00

Obtain an electronic copy from: http://www.isa.org/standards/ansireview

Order from: Eliana Beattie, ISA; ebeattie@isa.org
Send comments (with copy to BSR) to: Same

ANSI/ISA TR12.13.02-1999 (R2005), Investigation of Fire and Explosion Accidents in the Chemical, Mining, and Fuel-Related Industries - A Manual by Kuchta (technical report)

This technical report includes theoretical and practical work carried out and collected by the U.S. Bureau of Mines relating to ignitability, flammability, and physicochemical properties of flammable gas mixtures, liquids, and solids. While emphasis of this document is on investigation of fires and explosions, a significant amount of theoretical and practical data related to flammability limits, under varying conditions or proportion, temperature, and pressure is included.
Single copy price: $30.00

Order from: Eliana Beattie, ISA; ebeattie@isa.org
Send comments (with copy to BSR) to: Same

Correction

BSR ATIS 0500002

The announcement in the June 17, 2005 Standards Action, of the Draft Standard for Trial-Use designated as ATIS 0500002 was issued in error. Please note this document is not yet available. When this document does become available, a new announcement will be issued.

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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Web: www.ansi.org

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Web: www.astm.org

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Fax: (602) 381-1093
Web: www.hibcc.org

ISA
ISA-The Instrumentation, Systems, and Automation Society
67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9228
Fax: (919) 549-8288

NSF
NSF International
P.O. Box 130140
Ann Arbor, MI 48113-0140
Phone: (734) 827-6806
Fax: (734) 827-6831
Web: www.nsf.org

Techstreet
Techstreet
Historic Northern Brewery Building
327 Jones Drive
Ann Arbor, MI 48105
Phone: (734) 800-6999 x277
Fax: (734) 302-7811

WDMA
Window and Door Manufacturers Association
1400 East Touhy Avenue
Suite 470
Des Plaines, IL 60018
Phone: (847) 299-5200
Fax: (847) 299-1286
Web: www.nwwda.org

Send comments to:

AISC
American Institute of Steel Construction
One East Wacker Drive
Suite 3100
Chicago, IL 60601-2001
Phone: (312) 670-5410
Fax: (312) 644-4226
Web: www.aisc.org

ASC X9
Accredited Standards Committee X9, Incorporated
P.O. Box 4035
Annapolis, MD 21403
Phone: (301) 879-7988
Fax: (301) 879-5124
Web: www.x9.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329-2305
Phone: (404) 636-8400 x512
Fax: (404) 321-5478
Web: www.ashrae.org

ASME
American Society of Mechanical Engineers (ASME)
3 Park Avenue, 20th Floor
New York, NY 10016
Phone: (212) 591-7021
Fax: (212) 591-8501
Web: www.asme.org

ASTM
ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: 610-832-9743
Web: www.astm.org

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

HIBCC
Health Industry Business Communications Council
2525 E Arizona Biltmore Circle, Suite 127
Phoenix, AZ 85016
Phone: (602) 381-1091
Fax: (602) 381-1093
Web: www.hibcc.org

ISA
ISA-The Instrumentation, Systems, and Automation Society
67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9228
Fax: (919) 549-8288

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

NSF
NSF International
P.O. Box 130140
Ann Arbor, MI 48113-0140
Phone: (734) 827-6806
Fax: (734) 827-6831
Web: www.nsf.org

UL-IL
Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-2850
Fax: (847) 313-2850

UL-NC
Underwriters Laboratories, Inc.
12 Laboratory Drive
Research Triangle Park, NC 27709
Phone: (919) 549-1400 x11479
Fax: (919) 316-5629

WDMA
Window and Door Manufacturers Association
1400 East Touhy Avenue
Suite 470
Des Plaines, IL 60018
Phone: (847) 299-5200
Fax: (847) 299-1286
Web: www.nwwda.org

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.

ADA (American Dental Association)

Revisions

ANSI/ADA 76-2005, Non-Sterile Natural Rubber Latex Gloves for Dentistry (revision of ANSI/ADA 76-2002): 6/15/2005

BHMA (Builders Hardware Manufacturers Association)

Revisions

★ ANSI/BHMA A156.13-2005, Mortise Locks and Latches (revision of ANSI/BHMA A156.13-2002): 6/15/2005

EIA (Electronic Industries Alliance)

Revisions

ANSI/EIA 364-11B-2005, Resistance to Solvents Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-11A-1999): 6/15/2005

INMM (ASC N14) (Institute of Nuclear Materials Management)

Supplements

ANSI N14.1-2001, Addendum 3-2005, Packaging of Uranium Hexafluoride for Transport (supplement to ANSI N14.1-2001): 6/20/2005

NEMA (ASC C8) (National Electrical Manufacturers Association)

Reaffirmations

ANSI/NEMA WC 63.2-1996 (R2005), Performance Standard for Coaxial Premise Data Communications Cables (reaffirmation of ANSI/NEMA WC 63.2-1996): 6/20/2005

NEMA (National Electrical Manufacturers Association)

Revisions

★ ANSI/NEMA LD-3-2005, High Pressure Decorative Laminates (revision of ANSI/NEMA LD-3-2000): 6/20/2005

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

New National Adoptions

ANSI CGATS/ISO 12646-2005, Graphic technology - Displays for colour proofing - Characteristics and viewing conditions (identical national adoption): 6/15/2005

Project Initiation Notification System (PINS)

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

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

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

ASTM (ASTM International)

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

Contact: *Helene Skloff*

E-mail: hskloff@astm.org

BSR/ASTM WK532-200x, Practice for Marine Electrical Installations: Grounding and Bonding (new standard)

Project Need: To specify the means of achieving compliance with the grounding requirements for ships and craft specified in American Bureau of Shipbuilding (ABS) rules and in the Institute of Electrical and Electronic Engineers (IEEE) Standard 45 recommendations.

This document provides guidance and recommends the correct shipboard electrical system and equipment grounding and bonding methods to ensure personnel safety, satisfactory electrical system operation, and control of electromagnetic interference.

BSR/ASTM WK7686-200x, High Density Polyethylene Grease Trap Interceptor Units (new standard)

Stakeholders: Municipalities and commercial restaurants, auto service facilities, and industrial sites where oils and grease may find their way into either the sanitary or storm sewer systems.

Project Need: To prevent downstream contamination of natural waterways and municipal water treatment facilities.

These HDPE units are made from fabricated corrugated HDPE pipe and provide the means for intercepting, separating and holding grease from the discharge of commerical or industrial facilities. The units are made of multiple baffled structures that remove this material with gravity flow weir actions.

BSR/ASTM WK7916-200x, Pharmacotherapy Services in the Electronic Health Record Environment (new standard)

Stakeholders: Clinical Toxicology

Project Need: To provide a comprehensive view of those elements of the health information domain that are captured in the EHR and used in any aspect of patient care pharmacotherapy so that health care practitioners can understand how to avoid errors and monitor care quality.

This work item would create a document "Standard Practice for Defining and Implementing Pharmacotherapy Information Services with the Electronic Health Record Environment and Networked Architectures" for use in extending the definition of the EHR Structure and Content to document how that content provides support for all aspects of patient care for an individual and for all related aspects of research and public health involving pharmacotherapy.

BSR/ASTM WK8178-200x, Standard Practice for Dosimetry System's Used in Radiation Processing (new standard)

Stakeholders: Government agencies, such as the FDA, may use this standard for establishing the requirements of radiation processing facilities.

Project Need: This standard will be used for quality control in radiation processing.

Prepare a standard that combines the standard elements and requirements of the various dosimetry systems.

CEA (Consumer Electronics Association)

Office: 2500 Wilson Blvd.
Arlington, VA 22206

Contact: *Megan Hayes*

Fax: 730-907-7601

E-mail: mhayes@ce.org

BSR/CEA 426-B-1998 (R200x), Loudspeakers, Optimum Amplifier Power (reaffirmation of ANSI/CEA 426-B-1998)

Stakeholders: manufacturers, consumers, retailers

Project Need: CEA-426-B is being reaffirmed after careful consideration by Committee R3 during the 5-year review of the standard.

This standard defines test methods and criteria of acceptability for testing the performance of a loudspeaker or loudspeaker system designed for consumer use within defined limits in the areas of power compression, harmonic distortion, and accelerated life testing, when operated at or below the optimum amplifier power.

CEMA (Conveyer Equipment Manufacturers Association)

Office: 6724 Lone Oak Blvd.
Naples, FL 34109

Contact: *Philip Hannigan*

Fax: (239) 514-3470

E-mail: phil@cemanet.org

BSR/CEMA B105.1-200x, Specifications for Welded Steel Conveyor Pulleys with Compression Type Hubs (revision of ANSI/CEMA B105.1-2003)

Stakeholders: Conveyor Pulley Manufacturers

Project Need: There is a need to update the load and deflection calculations and formulae.

Update load and deflection calculations and formulae, expand on topics covered in in current standard, and include new shaft material in the standard. (Target date 2008.)

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

Office: 8501 East Pleasant Valley Road
Cleveland, OH 44131-5575

Contact: *Allen Callahan*

Fax: (216) 642-3463

E-mail: al.callahan@csa-america.org

BSR Z21.10.1b-200x, Gas Water Heaters, Volume I, Storage Water Heaters With Input Ratings of 75,000 Btu Per Hour or Less (revision of Z21.10.1-2004, Z21.10.1a-200x, ANSI Z21.10.1b-2000)

Stakeholders: Consumers, Manufacturers, Gas Suppliers and Certifying Agencies

Project Need: Revise the standard for safety.

Details test and examination criteria for automatic storage water heaters with input ratings of 75,000 Btu per hour (21 980 W) or less for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures.

BSR Z21.10.3b-200x, Gas Water Heaters, Volume III, Storage Water Heaters with Input Ratings Above 75,000 Btu Per Hour, Circulating and Instantaneous (revision of ANSI Z21.10.3b-2003)

Stakeholders: Consumers, Manufacturers, Gas Suppliers and Certifying Agencies

Project Need: Revise the standard for safety.

Details test and examination criteria for automatic storage, with input ratings of 75,000 Btu per hour (21 980 W), circulating and instantaneous water heaters for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures.

BSR Z21.47-200x, Gas-Fired Central Furnaces (revision of ANSI Z21.47-2003, Z21.47a-2004, Z21.47b)

Stakeholders: Consumers, Manufacturers, Gas Suppliers and Certifying Agencies

Project Need: Revise the standard for safety.

Details test and examination criteria for automatically operating gas-fired central furnaces for use with natural, manufactured, and mixed gases; LP gases; and LP gas air mixtures. Central furnaces are designed to supply heated air through ducts to building spaces remote from or adjacent to the appliance location. Central furnaces are intended for installation in residential, commercial and industrial structures including Direct Vent, Recreational Vehicle, Outdoor and Manufactured (Mobile) Home.

BSR Z21.56a-200x, Gas-Fired Pool Heaters (revision of ANSI Z21.56a-2003)

Stakeholders: Consumers, Manufacturers, Gas Suppliers and Certifying Agencies

Project Need: Revise the standard for safety.

Details test and examination criteria for pool heaters for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures. Pool heaters are designed to heat nonpotable water stored at atmospheric pressure, such as water in swimming pools, spas, hot tubs and similar applications.

HL7 (Health Level Seven)

Office: 3300 Washtenaw Avenue, Suite 227
Ann Arbor, MI 48104-4250

Contact: *Karen Van Hentenryck*

Fax: (734) 677-6622

E-mail: karenvan@HL7.org

BSR/HL7 V3 DSR, R1-200x, HL7 Version 3 Standard: Drug Stability Reporting, Release 1 (new standard)

Stakeholders: Pharmas, vendors

Project Need: This standard captures information relevant for the drug stability testing process, which is required in the US and other countries as a component of the drug regulatory

The Stability Refined Message Information Model and Hierarchical Message Type captures information relevant for the drug stability testing process. This testing is required in the United States and other other countries as a component of the drug regulatory process. It verifies the correctness of a manufacturer's claims related to the stability - the ability to be stored over time without losing its therapeutic effectiveness - of a product.

ISA (ISA -The Instrumentation, Systems, and Automation Society)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Charles Robinson*

Fax: (919) 549-8288

E-mail: crobinson@isa.org

BSR/ISA 99.00.02-200x, Manufacturing and Control Systems Security - Part 2: Establishing a Manufacturing and Control System Security Program (new standard)

Stakeholders: All industry sectors involved in manufacturing and control system operations.

Project Need: This will be the second of a multi-part series of standards that address manufacturing and control systems security as a vital element in protecting the nation's manufacturing sectors and critical infrastructure.

This standard will focus on establishing a manufacturing and control systems security program, and will provide guidance on how to establish the business case for a security program and how to develop such a program.

NEMA (ASC C78) (National Electrical Manufacturers Association)

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

Contact: *Matt Clark*

E-mail: Mat_clark@nema.org

BSR C78.43-200x, Single-Ended Metal Halide Lamps (revision of ANSI C78.43-2004)

Stakeholders: Manufacturer.

Project Need: This project is needed as a revision.

This standard sets forth the physical and electrical requirements for single-ended metal halide lamps operated on 60-Hz ballasts to ensure interchangeability and safety.

TIA (Telecommunications Industry Association)

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

Contact: *Susanne White*

Fax: (703) 907-7727

E-mail: swhite@tiaonline.org

BSR/TIA 1083-200x, Measurement procedures and performance requirements for handset generated in-band magnetic noise (new standard)

Stakeholders: Telecommunications Industry.

Project Need: Provide a method and criteria for evaluating the impact to a hearing aid of unwanted magnetic signals (noise) radiating from a telephone handset.

Documents the measurement techniques required for measuring in-band (audio) magnetic noise radiated from a telephone handset. The handset may be corded or cordless. Establish performance requirements for magnetic noise signals radiated from a telephone handset.

American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provide two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.7.1) and continuous maintenance (see clause 4.7.2). Continuous maintenance is defined as follows:

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

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

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

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at www.ansi.org, select Internet Resources, click on "Standards Information," and see "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at http://public.ansi.org/ansionline/Documents/Standards%20Activities/American%20National%20Standards/Procedures,%20Guides,%20and%20Forms/.

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

Announcement of Procedural Revisions
Comment Deadline: July 25, 2005

Comments with regard to this proposed revision should be submitted to psa@ansi.org or via fax to the Recording Secretary of the ANSI Executive Standards Council (ExSC) at 212-840-2298. If possible, please submit comments by July 25, 2005. Mailed comments should be sent to ANSI, ExSC Recording Secretary, 25 West 43rd Street, 4th Floor, New York, NY 10036.

This proposed revision to clause 3.2 of the *ANSI Essential Requirements* is intended to clarify its intent. The ANSI Patent Group is currently developing a document that will cover proper names, trademarks, service marks and/or certification marks in American National Standards.

ExSC 6442

3.2 Commercial names, terms and conditions

Provisions involving business relations between buyer and seller such as guarantees, warranties, and other commercial terms and conditions shall not be included in an American National Standard. The appearance that a standard endorses any particular products, services or companies must be avoided. Therefore, it ~~G~~generally~~, it~~ is not acceptable to include ~~proper names or trademarks of specific companies or organizations~~ manufacturer lists, service provider lists, or similar material in the text of a standard or in an annex (or the equivalent). Where a sole source exists for essential equipment, materials or services necessary to comply with or to determine compliance with the standard, it is permissible to supply the name and address of the source in a footnote or informative annex as long as the words “or the equivalent” are added to the reference. In connection with standards that relate to the determination of whether products or services conform to one or more standards, the process or criteria for determining conformity can be standardized as long as the description of the process or criteria is limited to technical and engineering concerns and does not include what would otherwise be a commercial term ~~or proper name~~.

This proposed revision to the *ANSI Procedures for the National Adoption of ISO and IEC Standards as American National Standards* is intended to clarify that the right to appeal at the standards developer level and at ANSI exists with regard to the identical national adoption of an ISO or IEC standard as an American National Standard. Companion revisions to the *ANSI Essential Requirements* and the *Operating Procedures of the ANSI Board of Standards Review* are also proposed.

ExSC 6486

3.4 Notice of Action and Right to Appeal

Prior to the submittal to ANSI of a candidate American National Standard as an identical adoption following these expedited procedures, the developer shall notify consensus body members and public commenters of the intended final action on the standard and that an appeals process exists within the accredited procedures used by the standards developer.

3.5 Approval of an ISO or IEC Standard as an American National Standard

A candidate American National Standard that is submitted as a result of the implementation of these expedited procedures shall be processed in the same manner as a standard that is submitted without objections. However, the right to appeal its approval as an ANS to ANSI is available.

Proposed companion revision to the ANSI Essential Requirements:

4.2.1 Approval by the ANSI Board of Standards Review

Approval, withdrawal, revision or reaffirmation of an American National Standard by the ANSI Board of Standards Review (BSR) is based on the evidence submitted that the requirements set forth herein have been met.

The ANSI Board of Standards Review (BSR) shall review standards submitted to ANSI with unresolved objections on record. This includes negative consensus body votes as well as public review comments. Standards submitted without objections and identical national adoptions processed in accordance with the expedited procedures as established in the *ANSI Procedures for the National Adoption of ISO and IEC Standards as American National Standards* may be administratively approved by the BSR. The BSR does not have jurisdiction over the standards of ANSI Audited Designators unless an ANSI Audited Designator chooses to submit one or more standards to the BSR for approval.

4.2.1.1 Criteria for approval of an American National Standard

With respect to any proposal to approve, revise or reaffirm an American National Standard (~~including the national adoption of an ISO or IEC standard as an American National Standard~~ with the exception of identical national adoptions processed in accordance with the expedited procedures as established in the *ANSI Procedures for the National Adoption of ISO and IEC Standards as American National Standards*, which may be administratively approved by the BSR) for which one or more unresolved objections have been reported the BSR shall evaluate whether:

a) the standard was developed in accordance with the procedures upon which the

developer was granted accreditation, with particular attention given to whether due process was followed, consensus was achieved, and an effort was made to resolve any objections to the standard;

b) any appeal to the standards developer with respect to the standard was completed;

c) notice of the development process for the standard was provided to ANSI in accordance with PINS or its equivalent;

d) any identified significant conflict with another American National Standard was resolved;

e) other known national standards were examined with regard to harmonization and duplication of content and if duplication exists, there is a compelling need for the standard;

f) ANSI's patent policy is met, if applicable;

g) ANSI's policy on commercial terms and conditions is met if applicable;

i) the standards developer provided the following or evidence thereof:

1. title and designation of the proposed American National Standard;
2. indication of the type of action requested (that is, approval of a new American National Standard or reaffirmation, revision, or withdrawal of an existing American National Standard);
3. a declaration that applicable procedures were followed;
4. a declaration that the proposed standard is within the scope of the previously registered standards activity;
5. a declaration that no significant conflicts with another American National Standard have been identified or that any identified significant conflict was addressed in accordance with these procedures;
6. a roster of the consensus body that indicates: the vote of each member including abstentions and unreturned ballots, if applicable; the interest category of each member; and a summary thereof;
7. a declaration that all appeal actions related to the approval of the proposed standard have been completed;
8. a declaration that the criteria contained in the ANSI patent policy have been met, if applicable; and
9. identification of all unresolved negative views and objections, with names of the objector(s), and a report of attempts toward resolution.

If the BSR determines, based on the weight of the evidence presented, that the above-stated criteria have been satisfied, the standard shall be approved as an American National Standard. The BSR shall deny approval, if, based on the weight of the evidence presented, the BSR determines that the American National Standard:

a) is contrary to the public interest;
b) contains unfair provisions;
c) is unsuitable for national use; or

d) has a conflict with an existing American National Standard.[1]

Standards approved as American National Standards shall be designated, published, and maintained in accordance with the procedures contained herein. A substantive change that has not been afforded due process in accordance with these procedures may not be made in an approved American National Standard.

The BSR shall not approve standards that duplicate existing American National Standards unless there is a compelling need.

Notice of the BSR's final action on all standards shall be published in *Standards Action*.

Proposed revision to the Operating Procedures of the ANSI Board of Standards Review:

5.1 Actions on the Approval or Withdrawal of American National Standards

Actions on the approval or withdrawal of American National Standards (with the exception of identical national adoptions processed in accordance with the expedited procedures as established in the *ANSI Procedures for the National Adoption of ISO and IEC Standards as American National Standards*, which may be administratively approved by the BSR) shall require an affirmative vote by letter ballot or at a meeting of at least two-thirds of the BSR members voting or present, after first excluding both abstentions and negative votes submitted via letter ballot without any explanatory comments provided that the number of BSR members voting, excluding abstentions, is at least a majority of the Board. An abstention shall be required when a member is associated with a standard in such a way as to introduce the possibility of conflict of interest. Otherwise, all BSR members are required to return affirmative or negative ballots.

[1] As used here, the term "conflict" refers to a situation where, viewed from the perspective of an implementer, the terms of one standard are inconsistent with the terms of another standard such that implementation of one standard necessarily would preclude proper implementation of the other standard in accordance with its terms.

This proposed revision to the *ANSI Essential Requirements* is intended to articulate the conditions under which an ANSI-accredited standards developer may make technical changes to the content of an American National Standard. A prior related revision, contained in ExSC 6277 was announced for public comment in 2003 and subsequently withdrawn from consideration.

ExSC 6522

2.6 Evidence of consensus ~~and consensus body vote~~

Evidence of consensus in accordance with these procedures and the accredited procedures of the standards developer shall be documented.

2.6.1 Consensus body ~~vote~~ action

Consensus is demonstrated, in part, by a vote of the consensus body. Such a vote shall be conducted and reported in accordance with the rules set forth herein.

1. Accredited Standards Developers (ASDs) shall not change a vote unless instructed to do so by the voter. If the change of vote was not submitted in writing by the voter, then written confirmation of such a vote change shall be provided to the voter by the developer. It is never appropriate for an ASD to inform voters that if they are not heard from, their negative vote will be considered withdrawn and their vote will be recorded as an abstention or an affirmative. All negative votes that are not changed at the request of the voter shall be recorded and reported to the BSR as outstanding negatives by any ASD that has not been granted the authority to designate its standards as American National Standards without approval by the BSR.
2. ASDs shall record and consider all negative votes accompanied by any comments that are related to the proposal under consideration. This includes negative votes accompanied by comments concerning potential conflict or duplication of the draft standard with an existing American National Standard and negative votes accompanied by comments of a procedural or philosophical nature. These types of comments shall not be dismissed due to the fact that they do not necessarily provide alternative language or a specific remedy to the negative vote.
3. ASD's are not required to consider negative votes accompanied by comments not related to the proposal under consideration, or negative votes without comments. The ASD shall indicate conspicuously on the letter ballot that negative votes must be accompanied by comments related to the proposal and that votes unaccompanied by such comments will be recorded as "negative without comments" without further notice to the voter. If comments not related to the proposal are submitted with a negative vote, the comments shall be documented and considered in the same manner as submittal of a new proposal. If clear instruction is provided on the ballot, and a negative vote unaccompanied by comments related to the proposal is received notwithstanding, the vote may be counted as a "negative without comment" for the purposes of establishing a quorum and reporting to ANSI. However, such votes (i.e, negative vote without comment or negative vote accompanied by comments not related to the proposal) shall not be factored into the numerical requirements for consensus, unless the ASD's procedures state otherwise. The ASD is not required to solicit any comments from the negative voter. The ASD is not required to conduct a recirculation ballot of the negative vote. The ASD is required to report the "no" vote as a "negative without comment" when making their final submittal to the BSR unless the ASD has been granted the authority to designate its standards as American National Standards without approval by the BSR.
4. The ASD shall maintain records of evidence regarding any change of an original vote.
5. Except in regard to votes on membership and officer-related issues, each member of a consensus body should vote one of the following positions (or the equivalent):

    a) Affirmative;

b) Affirmative, with comment;

c) Negative, with reasons (the reasons for a negative vote shall be given and if possible should include specific wording or actions that would resolve the objection);

d) Abstain.

6. For votes on membership and officer-related issues, the affirmative/negative/abstain method of voting shall be followed. Votes with regard to these issues need not be accompanied by reasons and need not be resolved or circulated to the consensus body.

2.6.2 Oversight body action

A developer's accredited procedures may explicitly permit an appellate or oversight body to change the technical content of a proposed ANS after the public review and final vote of the consensus body if circumstances such as a significant legal or safety concern warrant that such action be taken and the developer adopts procedures for the oversight body that are comparable to those of a consensus body as defined herein. The developer may take such action provided the developer's procedures explicitly delineate the circumstances under which such action can be taken and the manner in which the oversight or appellate body's procedures are comparable to those applicable to a consensus body.

ISO Draft International Standards

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

Comments

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

Ordering Instructions

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

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 22010, Space systems - Mass properties control - 9/14/2005, $58.00

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO/DIS 7240-10, Fire detection and alarm systems - Part 10: Point-type flame detectors - 9/22/2005, $101.00

FIRE SAFETY (TC 92)

ISO/DIS 16735, Calculation methods for smoke layers - 9/16/2005, $87.00

FLUID POWER SYSTEMS (TC 131)

ISO/DIS 1179-1, Connections for general use and fluid power - Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing - Part 1: Threaded ports - 9/17/2005, $39.00

ISO/DIS 1179-2, Connections for general use and fluid power - Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing - Part 2: Heavy-duty (S series) and light-duty (L series) stud ends and elastomeric sealing (type E) - 9/17/2005, $53.00

ISO/DIS 1179-3, Connections for general use and fluid power - Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing - Part 3: Light-duty (L series) stud ends with sealing by O-ring with retaining ring (types G and H) - 9/17/2005, $62.00

ISO/DIS 1179-4, Connections for general use and fluid power - Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing - Part 4: Stud ends for general use only with metal-to-metal sealing (type B) - 9/17/2005, $53.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 18629-13, Industrial automation systems and integration - Process specification language - Part 13: Duration and ordering theories - 9/18/2005, $45.00

ISO/DIS 18629-43, Industrial automation systems and integration - Process specification language - Part 43: Activity ordering and duration extensions - 9/18/2005, $45.00

ISO/DIS 18629-44, Industrial automation systems and integration - Process specification language - Part 44: Definitional extension: resource extensions - 9/18/2005, $45.00

INTERNAL COMBUSTION ENGINES (TC 70)

ISO/DIS 8178-4, Reciprocating internal combustion engines - Exhaust emission measurement - Part 4: Test cycles for different engine applications - 9/23/2005, $81.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 1138/DAmd1, Method using an automatic analyser - 9/23/2005, $28.00

SOLID MINERAL FUELS (TC 27)

ISO/DIS 20904, Hard coal - Sampling of slurries - 9/14/2005, $97.00

TEXTILES (TC 38)

ISO/DIS 18692, Fibre ropes for offshore station keeping - Polyester - 9/16/2005, $106.00

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.

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 22072:2005, Aerospace - Electrohydrostatic actuator (EHA) - Characteristics to be defined in procurement specifications, $58.00

ISO 22671:2005, Space data and information transfer systems - Space link extension (SLE) - Forward command link transmission unit (CLTU), $174.00

BANKING AND RELATED FINANCIAL SERVICES (TC 68)

ISO 11568-1:2005, Banking - Key management (retail) - Part 1: Principles, $67.00

ISO 13491-2:2005, Banking - Secure cryptographic devices (retail) - Part 2: Security compliance checklists for devices used in financial transactions, $97.00

DOCUMENT IMAGING APPLICATIONS (TC 171)

ISO 6199:2005, Micrographics - Microfilming of documents on 16 mm and 35 mm silver-gelatin type microfilm - Operating procedures, $76.00

ISO 11142:2005, Micrographics - Colour microfilm - Application of the exposure technique to prepare line originals and continuous-tone originals, $62.00

DOCUMENTS AND DATA ELEMENTS IN ADMINISTRATION, COMMERCE AND INDUSTRY (TC 154)

ISO 7372:2005, Trade data interchange - Trade data elements directory, $174.00

EARTH-MOVING MACHINERY (TC 127)

ISO 10533/Amd1:2005, Earth-moving machinery - Lift-arm support devices - Amendment 1, $12.00

FINE CERAMICS (TC 206)

ISO 24370:2005, Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for fracture toughness of monolithic ceramics at room temperature by chevron-notched beam (CNB) method, $67.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO 19117:2005, Geographic information - Portrayal, $106.00

IMPLANTS FOR SURGERY (TC 150)

ISO 5834-1:2005, Implants for surgery - Ultra-high-molecular-weight polyethylene - Part 1: Powder form, $32.00

ISO 5834-5:2005, Implants for surgery - Ultra-high-molecular-weight polyethylene - Part 5: Morphology assessment method, $39.00

MEASUREMENT OF FLUID FLOW IN CLOSED CONDUITS (TC 30)

ISO 5168:2005, Measurement of fluid flow - Procedures for the evaluation of uncertainties, $132.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO 16063-22:2005, Methods for the calibration of vibration and shock transducers - Part 22: Shock calibration by comparison to a reference transducer, $81.00

NUCLEAR ENERGY (TC 85)

ISO 21909:2005, Passive personal neutron dosemeters - Performance and test requirements, $118.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO 7507-2:2005, Petroleum and liquid petroleum products - Calibration of vertical cylindrical tanks - Part 2: Optical-reference-line method, $87.00

POWDER METALLURGY (TC 119)

ISO 4498:2005, Sintered metal materials, excluding hardmetals - Determination of apparent hardness and microhardness, $58.00

ROAD VEHICLES (TC 22)

ISO 6415:2005, Internal combustion engines - Spin-on filters for lubricating oil - Dimensions, $39.00

ISO 15031-4:2005, Road vehicles - Communication between vehicle and external equipment for emissions-related diagnostics - Part 4: External test equipment, $101.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO 24237:2005, Surface chemical analysis - X-ray photoelectron spectroscopy - Repeatability and constancy of intensity scale, $58.00

TEXTILES (TC 38)

ISO 16322-1:2005, Textiles - Determination of spirality after laundering - Part 1: Percentage of wale spirality change in knitted garments, $32.00

ISO 16322-2:2005, Textiles - Determination of spirality after laundering - Part 2: Woven and knitted fabrics, $62.00

ISO 16322-3:2005, Textiles - Determination of spirality after laundering - Part 3: Woven and knitted garments, $45.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 15081:2005, Agricultural irrigation equipment - Graphical symbols for pressurized irrigation systems, $53.00

ISO 23206:2005, Agricultural wheeled tractors and attachments - Front loaders - Carriages for attachments, $39.00

TYRES, RIMS AND VALVES (TC 31)

ISO 8664:2005, Tyres for agricultural tractors and machines - Code-designated and service-description marked radial drive-wheel tyres, $39.00

WATER QUALITY (TC 147)

ISO 18412:2005, Water quality - Determination of chromium(VI) - Photometric method for weakly contaminated water, $39.00

ISO Technical Reports

BANKING AND RELATED FINANCIAL SERVICES (TC 68)

ISO/TR 19038:2005, Banking and related financial services - Triple DEA - Modes of operation - Implementation guidelines, $124.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 13818-4/Amd2:2005, Information technology - Generic coding of moving pictures and associated audio information - Part 4: Conformance testing - Amendment 2: Additional audio conformance test sequences, $12.00

ISO/IEC 14443-3/Amd1:2005, Identification cards - Contactless integrated circuit(s) cards - Proximity cards - Part 3: Initialization and anticollision - Amendment 1: Bit rates of fc/64, fc/32 and fc/16, $12.00

ISO/IEC 14496-5/Amd6:2005, Reference software for MPEG-4 - Amendment 6: Advanced Video Coding (AVC) and High Efficiency Advanced Audio Coding (HE AAC) reference software, $12.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

Information Concerning

U.S. Technical Advisory Groups

Approval of Accreditation

ISO/TC228 – Tourism and Related Services

The Executive Standards Council has approved the accreditation of the U.S. Technical Advisory Group to ISO/TC 228, Tourism and related services with NSF International serving as TAG Administrator, effective June 22, 2005. For additional information, please contact: Ms. Jane Wilson, MPH, Manager, Standards, NSF International, P.O. Box 130140, Ann Arbor, MI 48113-0140; PHONE: (734) 827-6835; FAX: (734) 827-6831; E-mail: wilson@nsf.org.

Meeting Notices

ARI - The Air-Conditioning and Refrigeration Institute

Unitary Large Equipment (ULE) Engineering Committee

The Unitary Large Equipment (ULE) Engineering Committee, sponsored by ARI, will hold a meeting on Wednesday, August 3, 2005 at ARI Headquarters in Arlington, Virginia. The committee is concerned with the testing and performance rating of commercial and industrial unitary air-conditioning and heat pump systems and condensing units. The purpose of this meeting is to work on revising ARI Standard 340/360-2004, Performance Rating of Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment, and ARI Standard 365-2002, Commercial and Industrial Unitary Air-Conditioning Condensing Units. This meeting is open to anyone with an interest in ARI Standards 340/360-2004 and 365-2002 and those who wish to participate in the standards development. Please contact Wanda Wilkinson at ARI (PHONE: (703) 600-0344 or e-mail: wwilkinson@ari.org) for details on meeting location and reservations information.

ASC OP

ASC OP will meet in the Los Angeles Room at the Marriott Hotel and Marina, San Diego, CA, on Sunday and Monday, July 31st and August 1st. The subject of the Sunday meeting is the development of a performance based optical scratch and dig standard. The meeting will be held from 1:00 PM until 5:00 PM.

On Monday, OP will hold its business meeting in the same room from 8:30 AM until 10:00 AM. Anyone interested in attending these meetings should contact Gene Kohlenberg to register. He may be contacted at gene.kohlenberg@optstd.org, (585) 217-2491, or OEOSC, P.O. Box 25705, Rochester, NY 14625-0705.

Those who cannot attend in person, but who want to participate by a conference phone call, should contact Mr. Kohlenberg for instructions concerning calling procedures. There will be a per-minute charge for the conference call. Please register by July 22, 2005.