ANSI STANDARDS ACTION

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Contents

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 17, 2008

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 193-200x, Alarm Valves for Fire-Protection Service (revision of ANSI/UL 193-2003)

Covers alarm valves for use in automatic wet-pipe sprinkler systems for fire-protection service. Alarm valves covered by these requirements are of either the variable- or constant-pressure type and are of the swing-check pattern.

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

Send comments (with copy to BSR) to: Esther Espinoza, UL-CA; Esther.Espinoza@us.ul.com

BSR/UL 217-200x, Single and Multiple Station Smoke Alarms (revision of ANSI/UL 217-2006)

Revises proposals for voice message in alarm signal and removal of inaccurate information for sound output measurement.

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

Send comments (with copy to BSR) to: Kristin Andrews, UL-CA; Kristin.L.Andrews@us.ul.com

Comment Deadline: September 1, 2008

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

New Standards

Draft INCITS 452-200x, Information technology - AT Attachment-8 ATA/ATAPI Command Set (ATA8-ACS) (new standard)

Specifies the command set host systems use to access storage devices. It provides a common command set for systems manufacturers, system integrators, software suppliers, and suppliers of intelligent storage devices. The set of AT Attachment standards consists of this standard and the ATA implementation standards described in AT Attachment - 8 ATA/ATAPI Architecture Model (ATA8-AAM).

Single copy price: $30.00

Obtain an electronic copy from: http://www.incits.org or http://webstore.ansi.org (or click on designation above)

Order from: Global Engineering Documents; www.global.ihs.com

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

New National Adoptions

BSR/INCITS/ISO 19141-200x, Geographic information - Schema for moving features (identical national adoption of ISO 19141)

ISO 19141-2008 does not address other types of change to the feature. Examples of changes that are not adressed include the following: The deformation of features. The succession of either features or their associations.

Single copy price: $149.00

Obtain an electronic copy from: ANSI; (http://webstore.ansi.org/)

Order from: Global Engineering Documents; www.global.ihs.com

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

BSR/INCITS/ISO/IEC 15944-1-200x, Information technology - Business agreement semantic descriptive techniques - Part 1: Operational aspects of Open-edi for implementation (identical national adoption of ISO/IEC 15944-1:2002)

Allows constraints (which include legal requirements), commercial and/or international trade and contract terms, public policy (e.g., privacy/data protection, product or service labelling, consumer protection), laws and regulations) to be defined and clearly integrated into Open-edi through the BOV. This means that terms and definitions in this standard serve as a common bridge among these different sets of business operational requirements allowing the integration of code sets and rules defining these requirements to be integrated into business processes electronically.

Single copy price: $277.00

Obtain an electronic copy from: ANSI; (http://webstore.ansi.org/)

Order from: Global Engineering Documents; www.global.ihs.com

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

BSR/INCITS/ISO/IEC 15944-2-200x, Information Technology - Business Operational View - Part 2: Registration of Scenarios and Their Components as Business Objects (identical national adoption of ISO/IEC 15944-2:2006)

The Open-edi Reference Model (ISO/IEC 14662, Section 4) states: "The intention is that the sending, by an Open-edi Party, of information from a scenario, conforming to Open-edi standards, shall allow the acceptance and processing of that information in the context of that scenario by one or more Open-edi Parties by reference to the scenario and without the need for agreement."

Single copy price: $206.00

Obtain an electronic copy from: ANSI; (http://webstore.ansi.org/)

Order from: Global Engineering Documents; www.global.ihs.com

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

BSR/INCITS/ISO/IEC 15944-5-200x, Information Technology - Business Operational View - Part 5: Identification and Referencing of Requirements of Jurisdictional Domains as Sources of External Constraints (identical national adoption of ISO/IEC 15944-5:2008)

Identifies and references laws and regulations impacting eBusiness scenarios and scenario components as external constraints. The primary source of such external constraints is jurisdictional domains.

Single copy price: $263.00

Obtain an electronic copy from: ANSI; (http://webstore.ansi.org/)

Order from: Global Engineering Documents; www.global.ihs.com

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

Revisions

Draft INCITS 381-200x, Information technology - Finger Image Based Data Interchange Format (revision of ANSI INCITS 381-2004)

Specifies a data record interchange format for storing, recording, and transmitting the information from one or more finger or palm image areas. This standard can be used for the exchange and comparison of finger image data. It defines the content, format, and units of measurement for the exchange of finger image data that may be used in the verification or identification process of a subject.

Single copy price: $30.00

Obtain an electronic copy from: http://www.incits.org or http://webstore.ansi.org (or click on designation above)

Order from: Global Engineering Documents; www.global.ihs.com

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

OLA (ASC Z80) (Optical Laboratories Association)

Revisions

BSR Z80.3-200x, Nonpresecription Sunglass and Fashion Eyewear Requirements (revision of ANSI Z80.3-2001)

Applies to all nonprescription sunglasses and fashion eyewear, normally used for casual, dress, and recreational purposes, having lenses of substantially plano power. This standard specifically excludes products covered by ANSI Z80.1-2005, ASTM F803-2003, and high-impact resistance eyewear designed exclusively for designated sports use. The requirements for sunglasses needs for aphakics may not be met by this standard.

Single copy price: $10.00

Obtain an electronic copy from: kdinkle@ola-labs.org

Order from: Kris Dinkle, OLA (ASC Z80); kdinkle@ola-labs.org

Send comments (with copy to BSR) to: Same

UL (Underwriters Laboratories, Inc.)

New National Adoptions

BSR/UL 60079-5-200x, Standard for Safety for Electrical Apparatus for Explosive Gas Atmospheres - Part 5: Powder Filling "q" (Proposal dated 11/19/07) (national adoption with modifications and revision of ANSI/UL 60079-5-2002 (R2007))

Provides the Third Edition of the Standard for Safety for Electrical Apparatus for Explosive Gas Atmospheres - Part 5: Powder Filling "q", UL 60079-5, which when published will adopt the Third Edition of IEC 60079-5. This new edition is a complete rewrite of the text to coincide with the IEC text and contains the US differences.

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: Vickie Hinton, UL-NC; Vickie.T.Hinton@us.ul.com

BSR/UL 60079-6-200x, Standard for Safety for Electrical Apparatus for Explosive Gas Atmospheres - Part 6: Oil-Immersion "o" (Proposal dated 11/19/07) (national adoption with modifications and revision of ANSI/UL 60079-6-2002 (R2007))

Provides the Third Edition of the Standard for Safety for Electrical Apparatus for Explosive Gas Atmospheres - Part 6: Oil-Immersion "o", UL 60079-6, which when published will adopt the Third Edition of IEC 60079-6. This new edition is a complete rewrite of the text to coincide with the IEC text and contains the US differences.

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: Vickie Hinton, UL-NC; Vickie.T.Hinton@us.ul.com

BSR/UL 60079-18-200x, Standard for Safety for Electrical Apparatus for Explosive Gas Atmospheres - Part 18: Construction, Test and Marking of Type of Protection Encapsulation "m" Electrical Apparatus (Proposal dated 06/20/07) (national adoption with modifications and revision of ANSI/UL 60079-18-2005)

Provides the Third Edition of the Standard for Safety for Electrical Apparatus for Explosive Gas Atmospheres - Part 18: Construction, Test and Marking of Type of Protection Encapsulation "m" Electrical Apparatus, UL 60079-18, which when published will adopt the Third Edition of IEC 60079-18. This new edition is a complete rewrite of the text to coincide with the IEC text and contains the US differences.

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: Vickie Hinton, UL-NC; Vickie.T.Hinton@us.ul.com

Revisions

BSR/UL 796F-200x, Standard for Safety for Flexible Materials Interconnect Constructions (Proposals dated July 18, 2008) (revision of ANSI/UL 796F-2008)

Resolves the comments received by UL to the following proposals for UL 796F, which were originally published on March 28, 2008:
(1) Revision of Paragraph 1.1.2;
(5) Revision of the proposed definition of "Dessicator" in Paragraph 1.4.50.1;
(20) Revision of proposed Paragraph 5.1.3.1.1;
(22) Revision of proposed Paragraphs 5.1A.3.3 and 5.1A.4.1; and
(36) Revision of proposed requirements for solder limits, Section 6.5, and revision of requirements in Section 5.2.

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: Derrick Martin, UL-CA; Derrick.L.Martin@us.ul.com

VITA (VMEbus International Trade Association (VITA))

New Standards

BSR/VITA 41.6-200x, VXS 1X Gigabit Ethernet Control Channel Layer Standard (new standard)

Defines and assigns 1X GigE signals for communication over signal sets currently defined as reserved for future use in ANSI/VITA 41.0.

Single copy price: Free

Obtain an electronic copy from: techdir@vita.com

Send comments (with copy to BSR) to: John Rynearson, VITA; techdir@vita.com

Comment Deadline: September 16, 2008

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

AWWA (American Water Works Association)

Revisions

BSR/AWWA B304-200x, Liquid Oxygen for Ozone Generation (revision of ANSI/AWWA B304-2005)

Describes liquid oxygen (LOX) for use in the generation of ozone for water treatment purposes.

Single copy price: $20.00

Order from: Ed Baruth, AWWA; ebaruth@awwa.org; llobb@awwa.org

Send comments (with copy to BSR) to: Same

Withdrawals

ANSI/AWWA C400-2003, Asbestos-Cement Pressure Pipe, 4 In. Through 16 In. (100 mm Through 400 mm), for Water Distribution Systems (withdrawal of ANSI/AWWA C400-2003)

Describes type I and type II asbestos-cement pressure pipe in nominal pipe sizes from 4 in (100 mm) through 16 in (400 mm) in pressure classes 100, 150, and 200. The pipe is intended for the underground conveyance of water in water distribution systems.

Single copy price: $20.00

Order from: Ed Baruth, AWWA; ebaruth@awwa.org; llobb@awwa.org

Send comments (with copy to BSR) to: Same

ANSI/AWWA C401-2003, Selection of Asbestos-Cement Pressure Pipe, 4 In. Through 16 In. (100 mm Through 400 mm), for Water Distribution Systems (withdrawal of ANSI/AWWA C401-2003)

Helps the user to determine quickly the correct pressure classification of asbestos-cement pressure pipe to use under various combinations of internal pressure (working and surge) and external load (earth and superimposed live loads) in water distribution systems. Combined loading curves depicting the relationship between internal pressure and external load capabilities are included to expedite the selection of pipe class, which is defined in ANSI/AWWA C400. This standard also presents criteria for determining the type of pipe to be used under various soil and water conditions.

Single copy price: $20.00

Order from: Ed Baruth, AWWA; ebaruth@awwa.org; llobb@awwa.org

Send comments (with copy to BSR) to: Same

ANSI/AWWA C402-2005, Asbestos-Cement Transmission Pipe, 18 In. Through 42 In. (450 mm Through 1,050 mm), for Water Supply Service (withdrawal of ANSI/AWWA C402-2005)

Describes nine pressure classifications of Type I and Type II asbestos-cement pipe, 18 in through 42 in (450 mm through 1,050 mm) in diameter, for underground installation, to convey water in water supply service systems.

Single copy price: $20.00

Order from: Ed Baruth, AWWA; ebaruth@awwa.org; llobb@awwa.org

Send comments (with copy to BSR) to: Same

ANSI/AWWA C403-2005, Selection of Asbestos-Cement Transmission Pipe, 18 In. Through 42 In. (450 mm Through 1,050 mm), for Water Supply Service (withdrawal of ANSI/AWWA C403-2005)

To help design engineers determine the correct pressure classification of asbestos-cement transmission pipe to use under various combinations of internal pressure (static, operating, and surge) and external load (earth and superimposed live loads). Combined loading curves depicting the relationship between hydrostatic loading and external loading capabilities are included to expedite the selection of the correct pipe strength classification. This standard also presents criteria for determining the type of pipe to be used under various soil and water conditions.

Single copy price: $20.00

Order from: Ed Baruth, AWWA; ebaruth@awwa.org; llobb@awwa.org

Send comments (with copy to BSR) to: Same

ANSI/AWWA C603-1996 (R2005), Installation of Asbestos-Cement Pressure Pipe (withdrawal of ANSI/AWWA C603-1996 (R2005))

Describes the installation of water pipelines constructed of asbestos-cement pressure pipe with fittings and appurtenances of asbestos-cement, cast iron, other materials, or a combination of any of these. For specific projects, a thorough review of this standard is recommended. Any special requirements not included in this standard should be specified by the purchaser.

Single copy price: $20.00

Order from: Ed Baruth, AWWA; ebaruth@awwa.org; llobb@awwa.org

Send comments (with copy to BSR) to: Same

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

BSR/IEEE C57.147-200x, Guide for Acceptance and Maintenance of Natural Ester Fluids in Transformers (new standard)

Recommends tests and evaluation procedures, as well as criteria and methods of maintenance, for natural-ester-based transformer insulating fluids. The guide's purpose is to assist the transformer operator in evaluating the serviceability of new, unused fluids being received by the equipment manufacturer or service company and fluid in new equipment.

Single copy price: Free

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

Revisions

BSR/IEEE 1647-200x, Standard for the Functional Verification Language 'e' (revision of ANSI/IEEE 1647-2006)

Defines the "e" functional verification language. This standard aims to serve as an authoritative source for the definition of
(a) syntax and semantics of e language constructs;
(b) the "e" language interaction with standard simulation languages; and
(c) "e" language libraries.
This revision extends the standard to cover novel verification-related features.

Single copy price: $TBD

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

UL (Underwriters Laboratories, Inc.)

Reaffirmations

BSR/UL 790-2004 (R200x), Standard for Standard Test Methods for Fire Tests of Roof Coverings (reaffirmation of ANSI/UL 790-2008)

Reaffirms the Eighth Edition of the Standard for Standard Test Methods for Fire Tests of Roof Coverings, UL 790, as an American National Standard.

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

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

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

ANSI/NACE MR0175-2003, Sulfide Stress Cracking Resistant Metallic Materials for Oilfield Equipment

Corrections

Notification of Incorrect Title of Proposed Standard Announced for Public Comment
ASTM F2649

ASTM F2649-2008 Standard Specification for Corrugated High Density Polyethylene (HDPE) Grease Interceptor Tanks was announced for public comment in ANSI Standards Action in the April 11, 2008 issue using the correct designation but an incorrect title. The link to ASTM's website, which was also published in Standards Action displayed the correct designation, title and scope. If you wish to submit comments on this standard or have any questions, please direct them to ASTM, Corice Leonard at cleonard@astm.org or phone 610-832-9744.

Postponement of Public Review
BSR/UL 217

Public review for BSR/UL 217, Single and Multiple Station Smoke Alarms, (revision of ANSI/UL 217-2006) was announced in the July 11, 2008 issue of Standards Action. This listing was published one week too early. The review and comment period actually begins with this issue of Standards Action and concludes on August 17, 2008. (See the correct listing on Page 2 of this issue of Standards Action.)

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.

Order from:

AWWA
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6666 West Quincy Avenue
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Phone: (303) 347-6176
Fax: (303) 795-7603
Web: www.awwa.org/asp/default.asp

comm2000
1414 Brook Drive
Downers Grove, IL 60515

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

IEEE
Institute of Electrical and Electronics Engineers (IEEE)
445 Hoes Lane, P.O.Box 1331
Piscataway, NJ 08855-1331
Phone: (732) 562-3809
Fax: (732) 796-6966
Web: www.ieee.org

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11096 Lee Hwy., A101
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Phone: (703) 359-2830
Fax: (703) 359-2834
Web: www.ola-labs.org

Send comments to:

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American Water Works Association
6666 West Quincy Avenue
Denver, CO 80235
Phone: (303) 347-6176
Fax: (303) 795-7603
Web: www.awwa.org/asp/default.asp

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Institute of Electrical and Electronics Engineers (IEEE)
445 Hoes Lane, P.O.Box 1331
Piscataway, NJ 08855-1331
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Fax: (732) 796-6966
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Web: www.ola-labs.org

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Fax: (408) 689-6500

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) 549-1851
Fax: (919) 549-6181

VITA
VMEbus International Trade Association (VITA)
PO Box 19658
Fountain Hills, AZ 85269
Phone: (480) 837-7486
Web: www.vita.com/

Call for Members (ANS Consensus Bodies)

Directly and materially affected parties who are interested in participating as a member of an ANS consensus body for the standards listed below are requested to contact the sponsoring standards developer directly and in a timely manner.

CGA (Compressed Gas Association)

Office: 4221 Walney Rd., 5th Floor
Chantilly, VA 20151
Contact: *Christopher Carnahan*
Phone: (703) 788-2730
Fax: (703) 961-1831
E-mail: ccarnahan@cganet.com

BSR/CGA H-5-200x, Installation Standards for Bulk Hydrogen Supply Systems (new standard)

CPA (Composite Panel Association)

Office: 18928 Premiere Court
Gaithersburg, MD 20879
Contact: *Gary Heroux*
Phone: (301) 670-0604
Fax: (301) 840-1252
E-mail: gheroux@cpamail.org

BSR A208.1-200x, Particleboard (revision of ANSI A208.1-1999)

BSR A208.2-200x, Medium Density Fiberboard (MDF) for Interior Applications (revision of ANSI A208.2-2002)

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

Office: 1250 Eye Street, NW
Suite 200
Washington, DC 20005-3922
Contact: *Barbara Bennett*
Phone: (202) 626-5743
Fax: (202) 638-4922
E-mail: bbennett@itic.org

BSR INCITS 381-200x, Information technology - Finger Image Based Data Interchange Format (revision of ANSI INCITS 381-2004)

BSR INCITS 452-200x, Information technology - AT Attachment-8 ATA/ATAPI Command Set (ATA8-ACS) (new standard)

BSR INCITS PN-2121-D-200x, Information technology - North American Profile (NAP) of ISO 19115:2003 - Geographic information - Metadata (NAP-Metadata, version 1.2) (identical national adoption of ISO 19115:2003)

BSR/INCITS/ISO 19141-200x, Geographic information - Schema for moving features (identical national adoption of ISO 19141)

BSR/INCITS/ISO/IEC 15944-1-200x, Information technology - Business agreement semantic descriptive techniques - Part 1: Operational aspects of Open-edi for implementation (identical national adoption of ISO/IEC 15944-1:2002)

BSR/INCITS/ISO/IEC 15944-2-200x, Information technology - Business Operational View - Part 2: Registration of scenarios and their components as business objects (identical national adoption of ISO/IEC 15944-2:2006)

BSR/INCITS/ISO/IEC 15944-5-200x, Information technology - Business Operational View - Part 5: Identification and referencing of requirements of jurisdictional domains as sources of external constraints (identical national adoption of ISO/IEC 15944-5:2008)

NOCA (National Organization for Competency Assurance)

Office: 2025 M Street NW Suite 800
Washington, DC 20036

Contact: *Jim Kendzel*
Phone: (202) 367-1165
Fax: (202) 367-2165
E-mail: info@noca.org

BSR/NOCA 1100-200x, Assessment Based Certificate Programs (new standard)

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.

AMT (ASC B11) (Association for Manufacturing Technology)

Reaffirmations

ANSI B11.4-2003 (R2008), Safety Requirements for Shears (reaffirmation of ANSI B11.4-2003): 7/15/2008

ANSI B11.5-1988 (R2008), Ironworkers (reaffirmation of ANSI B11.5-1988 (R2002)): 7/15/2008

ASA (ASC S12) (Acoustical Society of America)

Reaffirmations

ANSI/ASA S12.11-2003/Part 2 (R2008), Acoustics - Measurement of noise and vibration of small air-moving devices, Part 2: Structure-borne vibration (reaffirmation and redesignation of ANSI S12.11/2-2003): 7/15/2008

ANSI/ASA S12.11-2003 Part 1/ISO 10302:1996 (MOD) (R2008), Acoustics - Measurement of noise and vibration of small air-moving devices, Part 1: Airborne noise emission (a modified NAIS) (reaffirmation and redesignation of ANSI S12.11/1 ISO 10302-1996 (MOD)-2003): 7/15/2008

ASCE (American Society of Civil Engineers)

New Standards

ANSI/ASCE T&DI 21.2-2008, Automated People Mover, Part 2 (new standard): 7/15/2008

ASME (American Society of Mechanical Engineers)

Reaffirmations

ANSI/ASME B18.3-2003 (R2008), Socket Cap, Shoulder, and Set Screws, Hex and Spline Keys (Inch Series) (reaffirmation of ANSI/ASME B18.3-2003): 7/15/2008

ANSI/ASME B18.3.2M-1979 (R2008), Metric Series Hexagon Keys and Bits (reaffirmation of ANSI/ASME B18.3.2M-1979 (R2003)): 7/15/2008

ANSI/ASME B18.3.3M-1986 (R2008), Hexagon Socket Head Shoulder Screws (Metric Series) (reaffirmation of ANSI/ASME B18.3.3M-1986 (R2002)): 7/15/2008

ANSI/ASME B18.3.6M-1986 (R2008), Metric Series Socket Set Screws (reaffirmation of ANSI/ASME B18.3.6M-1986 (R2002)): 7/15/2008

Revisions

ANSI/ASME A18.1-2008, Safety Standard for Platform Lifts and Stairway Chairlifts (revision of ANSI/ASME A18.1-2005): 7/3/2008

ANSI/ASME PTC 11-2008, Fans (revision of ANSI/ASME PTC 11-1984 (R2003)): 7/15/2008

ATIS (Alliance for Telecommunications Industry Solutions)

New Standards

ANSI ATIS 0500002-2008, Emergency Services Message Interface (new standard): 7/15/2008

ATIS (ASC O5) (Alliance for Telecommunications Industry Solutions)

Revisions

ANSI O5.3-2008, Solid Sawn-Wood Crossarms and Braces - Specifications and Dimensions (revision of ANSI O5.3-2002): 7/15/2008

CSA (CSA America, Inc.)

Revisions

ANSI/CSA LC 1a-2008, American National Standard/CSA Standard for Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing (CSST) (same as CSA 6.26a) (revision of ANSI LC-1-2005): 7/15/2008

HI (Hydraulic Institute)

Revisions

ANSI/HI 3.1-3.5-2008, Rotary Pumps for Nomenclature, Definitions, Application and Operation (revision of ANSI/HI 3.1-3.5-2000): 7/15/2008

HPS (ASC N13) (Health Physics Society)

New Standards

ANSI N13.59-2008, Characterization in Support of Decommissioning Using the Data Quality Objectives Process (new standard): 7/3/2008

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

ANSI/IEEE 2600-2008, Standard for Information Technology: Hardcopy Device and System Security (new standard): 7/15/2008

Reaffirmations

ANSI/IEEE 260.4-1996 (R2008), Letter Symbols and Abbreviations for Quantities Used in Acoustics (reaffirmation of ANSI/IEEE 260.4-1996 (R2002)): 7/15/2008

ANSI/IEEE 420-1982 (R2008), Standard for the Design and Qualification of Class 1E Control Boards, Panels, and Racks Used in Nuclear Power Generating Stations (reaffirmation of ANSI/IEEE 420-1982): 7/15/2008

ANSI/IEEE 644-1994 (R2008), Standard Procedures for Measurement of Power Frequency Electric and Magnetic Fields from AC Power Lines (reaffirmation of ANSI/IEEE 644-1994 (R2002)): 7/15/2008

ANSI/IEEE 859-2002 (R2008), Standard Terms for Reporting and Analyzing Outage Occurrences and Outage States of Electrical Transmission Facilities (reaffirmation of ANSI/IEEE 859-2002): 7/15/2008

ANSI/IEEE 1178-1991 (R2008), Standard for the Scheme Programming Language (reaffirmation of ANSI/IEEE 1178-1991 (R2002)): 7/15/2008

ANSI/IEEE C37.14-2002 (R2008), Standard for Low-Voltage DC Power Circuit Breakers Used in Enclosures (reaffirmation of ANSI/IEEE C37.14-2002): 7/15/2008

ANSI/IEEE C57.12.32-2002 (R2008), Standard for Submersible Equipment - Enclosure Integrity (reaffirmation of ANSI/IEEE C57.12.32-2002): 7/15/2008

ANSI/IEEE C57.109-1985 (R2008), Guide for Liquid-Immersed Transformer Through-Fault-Current Duration (reaffirmation of ANSI/IEEE C57.109-1985): 7/15/2008

ANSI/IEEE C95.4-2002 (R2008), Recommended Practice for Determining Safe Distances from Radio Frequency Transmitting Antennas When Using Electric Blasting Caps During Explosive Operations (reaffirmation of ANSI/IEEE C95.4-2002): 7/15/2008

Revisions

ANSI/IEEE 686-2008, Standard Radar Definitions (revision of ANSI/IEEE 686-1997): 7/15/2008

ANSI/IEEE C57.110-2008, Recommended Practice for Establishing Liquid-Filled and Dry-Type Power and Distribution Transformer Capability When Supplying Nonsinusoidal Load Currents (revision of ANSI/IEEE C57.110-2004): 7/15/2008

Supplements

ANSI/IEEE 525-2008/Cor 1-2008, Guide for the Design and Installation of Cable Systems in Substations - Corrigendum 1 (supplement to ANSI/IEEE 525-2007): 7/15/2008

IPC (IPC - Association Connecting Electronics Industries)

New Standards

ANSI/IPC/JEDEC J-STD-609-2008, Lead-Free and Leaded Marking, Symbols and Labels (new standard): 7/10/2008

NEMA (ASC C78) (National Electrical Manufacturers Association)

Revisions

ANSI/ANSLG C78.44-2008, Double-Ended Metal-Halide Lamps (revision, redesignation and consolidation of ANSI C78.1385-1998 (R2003), ANSI C78.1386-1998 (R2003), and ANSI C78.1387-2001): 7/15/2008

NEMA (ASC C8) (National Electrical Manufacturers Association)

Revisions

ANSI/ICEA S-84-608-2008, Telecommunications - Cable Filled, Polyolefln Insulated, Copper Conductor - Technical Requirements (revision of ANSI/ICEA S-84-608-2002): 7/15/2008

ANSI/ICEA S-85-625-2008, Standard for Aircore, Polyolefin Insulated, Copper Conductor Telecommunications Cable - Technical Requirements (revision of ANSI/ICEA S-85-625-2002): 7/15/2008

ANSI/ICEA S-90-661-2008, Standard for Category 3, 5, & 5E Individually Unshielded Twisted Pair Indoor Cables (With or Without an Overall Shield) for Use In General Purpose and LAN Communication Wiring Systems - Technical Requirements (revision of ANSI/ICEA S-90-661-2002): 7/15/2008

ANSI/ICEA S-95-658-2008/NEMA WC 70-2008, Power Cables Rated 2000 Volts or Less for the Distribution of Electric Energy (revision of ANSI/NEMA WC 70-1999/ICEA S-96-658-1999): 7/15/2008

SCTE (Society of Cable Telecommunications Engineers)

New Standards

ANSI/SCTE 147-2008, Specification for 75 Ohm, Inline Attenuators (new standard): 7/3/2008

VITA (VMEbus International Trade Association (VITA))

New Standards

ANSI/VITA 57.1-2008, FPGA Mezzanine Card (FMC) Standard (new standard): 7/15/2008

Corrections

Corrections to Designations

INCITS/ISO 19113-2002 (R2008)

In the Final Actions section of the July 4, 2008 edition of Standards Action, INCITS/ISO/IEC 19113-2002 (R2008) was listed. The correct designation for this standard is INCITS/ISO 19113-2002 (R2008).

INCITS/ISO/IEC 14496-5-2001 (R2008)

This standard was incorrectly listed as INCITS/ISO/IEC 14496-5-2000 (R2008) in the November 30, 2007 issue of Standards Action (for Public Review) and in the July 11, 2008 issue of Standards Action (for Final Actions). The correct designation is INCITS/ISO/IEC 14496-5-2001 (R2008).

Incorrect Approval Date

ANSI Z80.17-2008

In the Final Actions section of the July 11, 2008 issue of Standards Action, ANSI Z80.17-2008, Focimeters, was listed with an approval date of July 1, 2008. The correct approval date is July 16, 2008.

Project Initiation Notification System (PINS)

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

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

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

API (American Petroleum Institute)

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Washington, DC 20005

Contact: *Brad Bellinger*

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E-mail: bellingerb@api.org

BSR/API Spec 5L-200x, Specification for Line Pipe (addenda to ANSI/API Spec 5L 44th Edition-2007)

Stakeholders: Users and manufacturers of line pipe.

Project Need: To correct omissions in the national adoption of ISO 3183-2007.

ISO 3183-2007 was adopted as API Spec 5L, 44th edtion (modified). This effort is to further modify omissions for publication in an Addendum to Spec 5L.

ASME (American Society of Mechanical Engineers)

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

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ansibox@asme.org

BSR/ASME B107.300-200x, Torques Instruments (revision, redesignation and consolidation of ANSI/ASME B107.14-2004, ANSI/ASME B107.28-2005 and ANSI/ASME B107.29-2005)

Stakeholders: Manufacturers, suppliers, and users.

Project Need: To consolidate all three separate hand torques tools into one standard. Figures have been revised to conform between the documents and a flowchart for accuracy tests have ben added.

Provides performance and safety requirements for three types of torques instruments:
(a) manually operated torque instruments, commonly used for mechanical measurement of torque for control of the tightness of threaded fasteners;
(b) electronic torque testers used for checking manually operated hand-held torque wrenches and screwdrivers; and
(c) manually operated electronic torque instruments with integral or interchangeable heads.
This standard includes requirements for endurance, torque value ranges, and accuracy for these torque instruments. This Standard may also be used as a guide by state authorities or other regulatory bodies in the formulation of laws or regulations. It is also intended for voluntary use by establishments that use or manufacture the instruments covered.

ASTM (ASTM International)

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

Contact: *Jeff Richardson*

Fax: 610-834-7067

E-mail: jrichard@astm.org

BSR/ASTM/ISO 14408-200x, Tracheal Tubes Designed for Laser Surgery - Requirements for Marking and Accompanying Information

Stakeholders: Anesthetic and respiratory equipment industry.

Project Need: To specify marking, labeling and information supplied by the manufacturer for cuffed and uncuffed tracheal tubes and related materials designed to resist ignition by a laser.

Specifies marking, labeling and information supplied by the manufacturer for cuffed and uncuffed tracheal tubes and related materials designed to resist ignition by a laser.

BSR/ASTM/ISO 8836-2007(200x), Suction Catheters for use in the Respiratory Tract (Third edition, 2001-09-01) (identical national adoption of ISO 8836-2007)

Stakeholders: Anesthetic and respiratory equipment industry.

Project Need: To specify requirements for suction catheters made of plastic materials and intended for use in suction of the respiratory tract.

Specifies requirements for suction catheters made of plastic materials and intended for use in suction of the respiratory tract. Specialized suction catheters, e.g., those with more than one lumen and suction catheters without a terminal orifice, are excluded from the scope of this International Standard.

BSR/ASTM Z4552Z/WK20538-200x, Standard Guide for Developing a Disaster Recovery Plan for Medical Transcription Departments and Businesses (new standard)

Stakeholders: Healthcare informatics industry.

Project Need: To help readers create a plan to survive a category 5 hurricane or tornado.

Applies across multiple medical transcription settings in which healthcare documents are generated and stored: medical transcription departments, home offices, and medical transcription service organizations (MTSOs). Currently, there is no standard disaster recovery plan in the medical transcription industry to provide guidelines for individuals, departments, and businesses to use for designing a disaster recovery plan for their medical transcription environment.

BSR/ASTM Z4554Z/WK20544-200x, Assessment-Based Personnel Certificate Programs (new standard)

Stakeholders: Laboratories and inspection agencies.

Project Need: To serve as the basis of conformity assessment of certificate programs.

Supports the recognition and/or accreditation of a specific personnel certificate granting an entity to issue a specific personnel certificate, or personnel certificates. The standard shall include requirements for both the entity issuing the personnel certificate and requirements for specific personnel certificates issued by an accredited entity.

AWWA (American Water Works Association)

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Denver, CO 80235
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BSR/AWWA C906-200x, Polyethylene (PE) Pressure Pipe and Fittings, 4 In. (100 mm) Th. 63 In. (1,600 mm), for Water Distribution and Transmission (revision of ANSI/AWWA C906-2007)

Stakeholders: Drinking water treatment and supply industry.

Project Need: To provide purchasers, manufacturers, and suppliers with the minimum requirements for PE pressure pipe and fittings, 4 in through 65 in and 110 mm through 1,600 mm, for water distribution and transmission.

Describes polyethylene (PE) pressure pipe made from materials conforming to standard PE materials designation codes PE2606, PE2706, PE2708, PE3608, PE3708, PE3710, PE4608, PE4708, and PE4710. The pipe is primarily intended for use in transporting water in either buried or aboveground installations.

CGA (Compressed Gas Association)

Office: 4221 Walney Rd., 5th Floor
Chantilly, VA 20151
Contact: *Christopher Carnahan*
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E-mail: ccarnahan@cganet.com

BSR/CGA H-5-200x, Installation Standards for Bulk Hydrogen Supply Systems (new standard)

Stakeholders: Suppliers and users of hydrogen.

Project Need: To provide recommendations for installing hydrogen supply systems. The standard contains minimum installation standards for bulk hydrogen supply systems.

Covers the entire process for installing hydrogen supply systems (liquid and gaseous):
(1) site selection;
(2) equipment selection;
(3) regulatory compliance;
(4) equipment transportation and setting;
(5) equipment installation;
(6) system start-up;
(7) operation; and
(8) system removal.
The standard also provides safety and health considerations.

CPA (Composite Panel Association)

Office: 18928 Premiere Court
Gaithersburg, MD 20879
Contact: *Gary Heroux*
Fax: (301) 840-1252
E-mail: gheroux@cpamail.org

BSR A208.1-200x, Particleboard (revision of ANSI A208.1-1999)

Stakeholders: Manufacturers of wood products, furniture, cabinets, and fixtures.

Project Need: To update and revise the product requirements for particleboard described in ANSI A208.1.

Establishes a nationally recognized voluntary consensus standard for particleboard that provides a common basis for understanding throughout the particleboard industry and among and between those specifying and using industry products.

BSR A208.2-200x, Medium Density Fiberboard (MDF) for Interior Applications (revision of ANSI A208.2-2002)

Stakeholders: Manufacturers of wood products, furniture, cabinets, and fixtures.

Project Need: To update and revise the product requirements for medium density fiberboard (MDF) described in ANSI A208.2.

Establishes a nationally recognized voluntary consensus standard for MDF for interior applications that can serve as a common basis for understanding among those manufacturing, specifying or using MDF products.

IEEE (Institute of Electrical and Electronics Engineers)

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BSR/IEEE 378-200x, Recommended Practice for Scattering Parameter Measurements and Uncertainty Analysis Using Network Analyzers (new standard)

Stakeholders: Wireless, telecom, test and instrumentation, microwave industries.

Project Need: To create a standard that addresses the consistency and uncertainty of measurements when using a network analyzer.

Provides a common base for analysis of measurements made on vector network analyzers. A description of terminology is included so that a common language can be used to understand the measurement instruments and parameters, the methods of measurement, and the uncertainty associated with a measurement. Vector Network Analyzers (VNAs) are used to measure reflection and transmission coefficients of multi-port networks at radio, microwave and millimeter-wave frequencies from a few kHz to 110 GHz and beyond.

BSR/IEEE 837-200x, Standard for Qualifying Permanent Connections Used in Substation Grounding (revision of ANSI/IEEE 837-2003)

Stakeholders: Utility engineers and consultants.

Project Need: To fill a need for the standardization of terminology and test requirements for permanent grounding connections.

Provides direction and methods for qualifying permanent connections used for substation grounding. It particularly addresses the connection used within the grid system, the connection used to join ground leads to the grid system, and the connection used to join the ground leads to equipment and structures.

BSR/IEEE 1528-200x, Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices - Measurement Techniques (revision of ANSI/IEEE 1528-2003)

Stakeholders: Manufacturers of handheld wireless equipment, manufacturers of test equipment, testing laboratories.

Project Need: To extend the frequency range of the 2003 version from 300 - 3000 MHz to 300 - 6000 MHz.

Specifies protocols for the measurement of the peak spatial-average SAR in a simplified model of the head of users of handheld radio transceivers used for personal wireless communications services and intended to be operated while held next to the ear.

BSR/IEEE 1534-200x, Recommended Practice for Specifying Thyristor-Controlled Series Capacitors (revision of ANSI/IEEE 1534-2002)

Stakeholders: Planning, substation, commissioning, and operation engineers.

Project Need: To revise IEEE Std.1534, which was withdrawn in January 2008. This standard will be revised to incorporate gained knowledge from the new TCSC installations and operation experiences during the past 5 years.

Specifies Thyristor-Controlled Series Capacitor (TCSC) installations used in series with transmission lines. The document addresses issues that consider rating for TCSC thyristor valve assemblies, capacitors, and reactors as well as TCSC control characteristics, protective features, cooling systems, testing, commissioning, operation, and maintenance.

BSR/IEEE 1566-200x, Standard for Performance of Adjustable Speed AC Drives Rated 375 kW and Larger (revision of ANSI/IEEE 1566-2006)

Stakeholders: Industrial users of large adjustable speed drives.

Project Need: To update IEEE 1566 to meet recent industry developments and to respond to feedback from users of the standard.

Applies to AC adjustable speed drive (ASD) systems rated over 375 kW and above 750 V output voltage as used in petrochemical and similar applications. This standard covers the performance requirements for an ASD system including, but not limited to, input transformer or reactor as required, power electronics, control interfaces, cooling system, switchgear, and motor.

BSR/IEEE 1584b-200x, IEEE Guide for Performing Arc Flash Hazard Calculations - Amendment (addenda to ANSI/IEEE 1584-2003)

Stakeholders: Users who perform arc-flash calculation studies and owners of such facilities.

Project Need: To clarify the wording in the standard so that users can better understand the process of performing arc-flash hazard calculations.

Amends Clause 4 on the process of performing an arc flash hazard calculations study. These changes will be based on what people with extensive experience performing these studies have learned since the Guide was published in 2002. Also, makes minor amendments to other clauses of the Guide to correct minor errors and clarify wording.

BSR/IEEE 1641-200x, Standard for Signal and Test Definition (revision of ANSI/IEEE 1641-2005)

Stakeholders: Electronics test industry.

Project Need: To adequately define or further explain issues that have been discovered during the life of the current standard.

Provides the means to define and describe signals used in testing. This standard provides a set of common basic signal definitions, built upon formal mathematical specifications, so that signals can be combined to form complex signals usable across all test platforms. The standard provides support for structural textual languages and programming language interfaces for interoperability.

BSR/IEEE 1786-200x, Human Factors Guide for Applications of Computerized Operating Procedure Systems at Nuclear Power Generating Stations and Other Nuclear Facilities (new standard)

Stakeholders: Procedure developers, operators and managers at nuclear facilities, regulatory agencies.

Project Need: To create for the nuclear industry a comprehensive guide for applying computerized operating procedure systems (COPS) to facility operations.

Provides guidance for the application of Computerized Operating Procedure Systems (COPS). This guidance concerns the design (i.e., form and function) and use of COPS. In general, this guide does not provide guidance for the technical content of the operating procedures being presented except as needed to address unique aspects of procedure implementation on COPS. Software tools that can be described as computerized procedures but reside outside the control room (such as might be used for maintenance or testing) are also beyond the scope of this document.

BSR/IEEE 1787-200x, Standard for High Frequency Characterization for Low Temperature Co-Fired Ceramic (LTCC) Materials (new standard)

Stakeholders: Designers or specifiers of LTCC materials systems from military and space hardware providers.

Project Need: To resolve the complications from the use of many varying test methods by LTCC materials system vendors. This standard will benefit the end users (OEMs and design specifiers) and converters of LTCC materials systems.

Develops standard test methods to characterize and control Low Temperature Co-Fired Ceramic (LTCC) materials systems. The test methods are independent of the type of LTCC materials system. The test methods will be usable by all vendors of LTCC to characterize and measure LTCC materials systems in frequencies up to 110 GHz.

BSR/IEEE 1788-200x, Standard for Interval Arithmetic (new standard)

Stakeholders: All users who depend on interval arithmetic to perform the required computations.

Project Need: To provide the necessary ease of implementation, portability, and ability to check correctness of codes for applications of interval arithmetic.

Specifies basic interval arithmetic (IA) operations selecting and following one of the commonly used mathematical interval models. This standard supports the IEEE 754-2008 floating point types of practical use in interval computations. Exception conditions will be defined and standard handling of these conditions will be specified.

BSR/IEEE 3001.2-200x, Recommended Practice for Evaluating the Electrical Service Requirements of Industrial and Commercial Power Systems (new standard)

Stakeholders: Those responsible for the design of industrial and commercial power systems.

Project Need: To revise and reorganize the technical content of the 13 existing IEEE Color Books. This revision and reorganization will eliminate duplicate material, speed up the revision process, and accommodate a more modern, efficient, and cost-effective physical publishing/distribution method.

Covers the evaluation of the electrical service requirements of industrial and commercial power systems. This standard describes various ways to take power from the serving utility (e.g., radial, loop). It then covers the specific requirements for service entrance equipment, as well as service equipment rooms, vaults and pads, and other ways of connecting to the utility's service point. Special application requirements are also discussed.

BSR/IEEE 3001.8-200x, Recommended Practice for the Instrumentation and Metering of Industrial and Commercial Power Systems (new standard)

Stakeholders: Those responsible for the instrumentation and metering of industrial and commercial power systems.

Project Need: To help power-oriented engineers with limited experience with such requirements and all engineers responsible for the electrical design of industrial and commercial power systems.

Covers the instrumentation and metering of industrial and commercial power systems. This standard describes the importance of metering to achieve a successful energy management process, as well as considerations that must be made when applying the latest metering technology.

BSR/IEEE 3001.9-200x, Recommended Practice for the Lighting of Industrial and Commercial Facilities (new standard)

Stakeholders: Those responsible for the lighting of industrial and commercial power systems.

Project Need: To revise and reorganize the technical content of the 13 existing IEEE Color Books. This revision and reorganization will eliminate duplicate material, speed up the revision process, and accommodate a more modern, efficient, and cost-effective physical publishing/distribution method.

Covers the lighting of industrial and commercial facilities. This standard covers various factors and considerations that relate to lighting and describes application techniques and controls that save energy and costs.

BSR/IEEE 3002.7-200x, Recommended Practice for Conducting Motor-Starting Studies in Industrial and Commercial Power Systems (new standard)

Stakeholders: Those responsible for the analysis of industrial and commercial power systems.

Project Need: To revise and reorganize the technical content of the 13 existing IEEE Color Books. This revision and reorganization will eliminate duplicate material, speed up the revision process, and accommodate a more modern, efficient, and cost-effective physical publishing/distribution method.

Describes how to conduct motor-starting studies for industrial and commercial power systems. The basic concepts involved in such studies are described first. This is followed by a discussion of how to assemble the required data needed for the analysis, how to recognize potential problems associated with the starting of motors, and how to implement corrective measures

BSR/IEEE 3002.8-200x, Recommended Practice for Conducting Harmonic-Analysis Studies of Industrial and Commercial Power Systems (new standard)

Stakeholders: Those responsible for the analysis of industrial and commercial power systems.

Project Need: To revise and reorganize the technical content of the 13 existing IEEE Color Books. This revision and reorganization will eliminate duplicate material, speed up the revision process, and accommodate a more modern, efficient, and cost-effective physical publishing/distribution method.

Describes how to conduct harmonic analysis studies of industrial and commercial power systems. The basic concepts involved in such studies are described first. This is followed by a discussion of how to determine the need for a harmonic analysis study, how to assemble the required data, how to recognize potential problems, and how to implement corrective measures.

BSR/IEEE 3002.9-200x, Recommended Practice for Conducting Switching-Transient Studies of Industrial and Commercial Power Systems (new standard)

Stakeholders: Those responsible for the analysis of industrial and commercial power systems.

Project Need: To revise and reorganize the technical content of the 13 existing IEEE Color Books. This revision and reorganization will eliminate duplicate material, speed up the revision process, and accommodate a more modern, efficient, and cost-effective physical publishing/distribution method.

Describes how to conduct switching-transient studies of industrial and commercial power systems. The basic concepts involved in such studies are described first. This is followed by a discussion of how to assemble the required data needed for the analysis, how to recognize potential problems associated with the switching transients, both overvoltage and overcurrent, and how to implement corrective measures to minimize the effects of switching transients.

BSR/IEEE 3003.1-200x, Recommended Practice for the System Grounding of Industrial and Commercial Power Systems (new standard)

Stakeholders: Those who ground industrial and commercial power systems.

Project Need: To revise and reorganize the technical content of the 13 existing IEEE Color Books. This revision and reorganization will eliminate duplicate material, speed up the revision process, and accommodate a more modern, efficient, and cost-effective physical publishing/distribution method.

Covers the system grounding of industrial and commercial power systems. The basic reasons for grounding or not grounding the electrical system and the various types of system grounding, as well as the practices commonly used to ground electrical systems are discussed.

BSR/IEEE 3003.2-200x, Recommended Practice for Equipment Grounding and Bonding in Industrial and Commercial Power Systems (new standard)

Stakeholders: Those who ground and bond equipment in industrial and commercial power systems.

Project Need: To revise and reorganize the technical content of the 13 existing IEEE Color Books. This revision and reorganization will eliminate duplicate material, speed up the revision process, and accommodate a more modern, efficient, and cost-effective physical publishing/distribution method.

Covers the grounding and bonding of equipment in industrial and commercial power systems. The interconnection and grounding of the nonelectrical metallic elements of a system is covered first. This is followed by a discussion of the objectives of equipment grounding, including minimizing electric shock hazard to personnel, providing adequate current carrying capability for ground faults, and ensuring the timely operation of overcurrent protection.

BSR/IEEE 3004.1-200x, Recommended Practice for the Application of Instrument Transformers in Industrial and Commercial Power Systems (new standard)

Stakeholders: Those who select and apply instrument transformers used in industrial and commercial power systems.

Project Need: To help power-oriented engineers with limited experience with such requirements and all engineers responsible for the electrical design of industrial and commercial power systems.

Covers the selection and application of instrument transformers used in industrial and commercial power systems. The application of current transformers is covered first, followed by the application of voltage (potential) transformers.

BSR/IEEE 3004.10-200x, Recommended Practice for Generator Protection in Industrial and Commercial Power Systems (new standard)

Stakeholders: Those who protect the generators in industrial and commercial power systems.

Project Need: To help power-oriented engineers with limited experience with such requirements and all engineers responsible for the electrical design of industrial and commercial power systems.

Covers the protection of generators used in industrial and commercial power systems. This standard covers the performance of generators under short-circuit conditions; describes protective devices applicable to generators; and recommends tripping and other protection schemes for single isolated, multiple isolated, and large industrial generators.

BSR/IEEE 3004.11-200x, Recommended Practice for Bus and Switchgear Protection in Industrial and Commercial Power Systems (new standard)

Stakeholders: Those who protect the bus and switchgear used in industrial and commercial power systems.

Project Need: To help power-oriented engineers with limited experience with such requirements and all engineers responsible for the electrical design of industrial and commercial power systems.

Covers the protection of bus and switchgear used in industrial and commercial power systems. This standard provides fault protection and isolation strategies for the substation bus and switchgear, including the bus, circuit breakers, fuses, disconnecting devices, transformers, and the structures on which they are mounted.

BSR/IEEE 3005.3-200x, Recommended Practice for the Application of Stored-Energy Systems for Use in Emergency and Stand-By Power Systems (new standard)

Stakeholders: Those who apply stored-energy systems for use in emergency and stand-by power systems.

Project Need: To help power-oriented engineers with limited experience with such requirements and all engineers responsible for the electrical design of industrial and commercial power systems.

Covers the selection and application of stored-energy systems for industrial and commercial power systems. This standard describes how to best determine the needs for an emergency or standby power system. This is followed by a discussion of two major types stored energy systems, stationary and mechanical (flywheel) batteries.

BSR/IEEE 3005.4-200x, Recommended Practice for Improving the Reliability of Emergency and Stand-By Power Systems (new standard)

Stakeholders: Those responsible for improving the reliability of emergency and stand-by power systems.

Project Need: To help power-oriented engineers with limited experience with such requirements and all engineers responsible for the electrical design of industrial and commercial power systems.

Describes how to improve the reliability of emergency and stand-by power systems. Some of the factors examined include the specific application of the emergency or standby equipment, environmental concerns, specification and acceptance testing of the equipment, and the operations and maintenance of the equipment.

BSR/IEEE 3005.7-200x, Recommended Practice for the Application of Metering for Energy Management of Industrial and Commercial Power Systems (new standard)

Stakeholders: Those who apply metering for the emergy management of industrial and commercial power systems.

Project Need: To help power-oriented engineers with limited experience with such requirements and all engineers responsible for the electrical design of industrial and commercial power systems.

Covers the application of metering for the energy-management of industrial and commercial power systems. Topics covered include why engage in metering for energy management, types of meters and their application, metering location versus requirements, and metering techniques and practical examples.

BSR/IEEE 3006.7-200x, Recommended Practice for Determining the Reliability of "24 x 7" Continuous Power Systems in Industrial and Commercial Facilities (new standard)

Stakeholders: Those who determine the reliability of "24 x 7" continuous power systems in industrial and commercial facilities.

Project Need: To help power-oriented engineers with limited experience with such requirements and all engineers responsible for the electrical design of industrial and commercial power systems.

Describes how to determine the reliability of “24 x 7” continuous power systems in industrial and commercial facilities. The method of reliability analysis by probability methods is described first. This is followed by a discussion of how to evaluate the results and how to implement changes to ensure that the expected degree of reliability is achieved.

BSR/IEEE 3006.8-200x, Recommended Practice for Analyzing Reliability Data for Equipment Used in Industrial and Commercial Power Systems (new standard)

Stakeholders: Those who analyze reliability data for equipment used in industrial and commercial power systems.

Project Need: To help power-oriented engineers with limited experience with such requirements and all engineers responsible for the electrical design of industrial and commercial power systems.

Describes how to analyze reliability data for equipment used in industrial and commercial power systems. Equipment reliability data collected over the years is presented. This is followed by a discussion key equipment reliability metrics such as failure rate, downtime to repair in hours per failure, and probability of starting (operating).

BSR/IEEE 3006.9-200x, Recommended Practice for Collecting Data for Use in Reliability, Availability, and Maintainability Assessments of Industrial and Commercial Power Systems (new standard)

Stakeholders: Those who collect data for use in assessments of industrial and commercial power systems.

Project Need: To help power-oriented engineers with limited experience with such requirements and all engineers responsible for the electrical design of industrial and commercial power systems.

Describes how to collect, organize, and present data for use in reliability, availability, and maintainability assessments of industrial and commercial power systems.

BSR/IEEE 3007.1-200x, Recommended Practice for the Operation and Management of Industrial and Commercial Power Systems (new standard)

Stakeholders: Those responsible for the operation and management of industrial and commercial power systems.

Project Need: To revise and reorganize the technical content of the 13 existing IEEE Color Books. This revision and reorganization will eliminate duplicate material, speed up the revision process, and accommodate a more modern, efficient, and cost-effective physical publishing/distribution method.

Covers the operation and management of industrial and commercial power systems. This standard covers the fundamental elements of system operation including, but not limited to, proper documentation, system management, control responsibilities, and clearing procedures.

BSR/IEEE 3007.2-200x, Recommended Practice for the Maintenance of Industrial and Commercial Power Systems (new standard)

Stakeholders: Those responsible for the maintenance of industrial and commercial power systems.

Project Need: To revise and reorganize the technical content of the 13 existing IEEE Color Books. This revision and reorganization will eliminate duplicate material, speed up the revision process, and accommodate a more modern, efficient, and cost-effective physical publishing/distribution method.

Covers the maintenance of industrial and commercial power systems. This standard covers the fundamentals of electrical equipment maintenance, how to develop successful maintenance strategies, and the common testing methods used as part of an electrical equipment maintenance program.

BSR/IEEE 3007.3-200x, Recommended Practice for Electrical Safety in Industrial and Commercial Power Systems (new standard)

Stakeholders: Developers or implementors of electrical safety operating practices and procedures.

Project Need: To revise and reorganize the technical content of the 13 existing IEEE Color Books. This revision and reorganization will eliminate duplicate material, speed up the revision process, and accommodate a more modern, efficient, and cost-effective physical publishing/distribution method.

Covers all aspects of electrical safety in industrial and commercial power systems. This standard provides personnel with guidelines for understanding the fundamental concepts of the hazards of electricity along with safety-related activities associated with the operation and maintenance of in-plant electrical power distribution systems.

BSR/IEEE C37.04-2009/Cor 1-200x, IEEE Standard Rating Structure for AC High-Voltage Circuit Breakers - Corrigendum 1 (supplement to ANSI/IEEE C37.04-1999 (R2006))

Stakeholders: Electrical power industry.

Project Need: To correct technical and other non-editorial errors made during the preparation of the latest version of ANSI/IEEE C37.04.

Corrects technical and other non-editorial errors made during the preparation of ANSI C37.04-1999 (latest version, third printing 29 November 2005), which covers the rating structure for high-voltage circuit breakers rated over 1000 VAC. This corrigendum includes the corrections made in the errata.

BSR/IEEE C57.12.80-200x, Standard Terminology for Power and Distribution Transformers (revision of ANSI/IEEE C57.12.80-2002)

Stakeholders: Manufacturers, users, and related industry participants in the power and distribution transformers.

Project Need: To revise the existing standard to reflect recent changes in the industry technology, material, and their application in the power and distribution transformer industry.

Provides a compilation of terminology and definitions related to electric power and distribution transformers, and associated apparatus. It also includes similar terminology relating to power systems and insulation, which is commonly involved in transformer technology.

BSR/IEEE C95.1a-200x, Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz - Amendment: Specifies Ceiling Limits for Induced and Contact Current, Clarifies Distinctions between Localized Exposure and Spatial Peak Power Density (addenda to ANSI/IEEE C95.1-2006)

Stakeholders: Telecommunications industry, radio and television broadcast industry, plastics industry.

Project Need: To specify ceiling values for RF-induced current and contact current, which were inadvertently omitted during the revision process that led to the publication of ANSI/IEEE C95.1-2005.

Specifies ceiling values for induced and contact current, clarifies the distinctions between “localized exposure” and “spatial peak power density,” and corrects other known technical and editorial errors.

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

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

Contact: *Barbara Bennett*

Fax: (202) 638-4922

E-mail: bbennett@itic.org

BSR INCITS PN-2121-D-200x, Information technology - North American Profile (NAP) of ISO 19115:2003 - Geographic information - Metadata (NAP-Metadata, version 1.2) (identical national adoption of ISO 19115:2003)

Stakeholders: Users of the FGDC “Content Standard for Digital Geospatial Metadata”.

Project Need: To help in the development of a North American Geospatial Metadata Profile, based on the ISO metadata standard, which would ensure interoperability with other countries in the world.

Proposes to develop a North American Profile, American National Standard, tailored for the US market, that is based on these two standards: INCITS/ISO 19115: 2003, Geographic Information - Metadata, and ISO/TS 19139: 2007, Geographic Information - Metadata XML Schema implementation. These documents are universal in design to address global requirement. We plan to coordinate our development with separate but like efforts in Canada and Mexico to establish a North American Profile.

IWCA (ASC I14) (International Window Cleaning Association)

Office: 14 West 3rd St., Suite 200
Kansas City, MO 64105

Contact: *Mandie Bannwarth*

Fax: (816) 472-7765

E-mail: Mandie@robstan.com

BSR/IWCA I14.1-200x, Window Cleaning Safety (2009 ver.) (revision of ANSI/IWCA I14.1-2001)

Stakeholders: Professional window cleaning contractors, window cleaning equipment manufacturers.

Project Need: To improve the depth measurements found in the 2001 version of the standard.

Identifies safe window cleaning practices.

NFPA (National Fire Protection Association)

Office: One Batterymarch Park
Quincy, MA 02269-9101

Contact: *Milosh Puchovsky*

Fax: (617) 770-3500

E-mail: mpuchovsky@nfpa.org

BSR/NFPA 35-200x, Standard for the Manufacture of Organic Coatings (revision of ANSI/NFPA 35-2005)

Stakeholders: Manfacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumers.

Project Need: To serve the public interest and need.

Applies to facilities that use flammable and combustible liquids to manufacture organic coatings for automotive, industrial, institutional, household, marine, printing, transportation, and other applications.

BSR/NFPA 73-200x, Electrical Inspection Code for Existing Dwellings (revision of ANSI/NFPA 73-2006)

Stakeholders: Manfacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumers.

Project Need: To serve the public interest and need.

Provides requirements for evaluating installed electrical systems within and associated with existing dwellings to identify safety, fire, and shock hazards, such as improper installations, overheating, physical deterioration, abuse, and similar conditions. This code provides criteria that enable the identification of the hazardous conditions that are evident during a visual inspection of an existing dwelling.

BSR/NFPA 326-200x, Standard for the Safeguarding of Tanks and Containers for Entry, Cleaning, or Repair (revision of ANSI/NFPA 326-2005)

Stakeholders: Manfacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumers.

Project Need: To serve the public interest and need.

Applies to the safeguarding of tanks or containers, operating at nominal atmospheric pressure, that contain or have contained flammable and combustible liquids or other hazardous substances and related vapors or residues.

BSR/NFPA 329-200x, Recommended Practice for Handling Releases of Flammable and Combustible Liquids and Gases (revision of ANSI/NFPA 329-2005)

Stakeholders: Manfacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumers.

Project Need: To serve the public interest and need.

Provides appropriate methods for responding to fire and explosion hazards resulting from the release of a flammable or combustible liquid, gas, or vapor that could migrate to a subsurface structure. Although this recommended practice is intended to address only these fire and explosion hazards, other authorities should be consulted regarding the environmental and health impact and other hazardous conditions of such releases.

NOCA (National Organization for Competency Assurance)

Office: 2025 M Street NW Suite 800
Washington, DC 20036

Contact: *Jim Kendzel*

Fax: (202) 367-2165

E-mail: info@noca.org

BSR/NOCA 1100-200x, Assessment Based Certificate Programs (new standard)

Stakeholders: Education and training organizations (both non-profit and for profit); Government agencies.

Project Need: To develop an American National Standard and third party accreditation program(s) for assessment-based certificate programs.

Covers non-degree-granting programs that provide instruction and training to aid participants in acquiring knowledge/skills/competencies and designates that participants have passed an end-of-program assessment derived from the learning/course objectives. The primary purpose of the program is to provide instruction and training. Confirmation that an individual has acquired the knowledge/skills/competencies is documented through the issuance of a certificate. The intent of the standard is that it will be designed to be used by third party accreditation organizations. and it will be available for use in regulation.

OLA (ASC Z80) (Optical Laboratories Association)

Office: 11096 Lee Hwy., A101
Fairfax, VA 22030-5039

Contact: *Kris Dinkle*

Fax: (703) 359-2834

E-mail: kdinkle@ola-labs.org

BSR Z80.10-200x, Tonometers Standard (revision of ANSI Z80.10-2003)

Stakeholders: The U.S. Public.

Project Need: To revise the current standard.

This standard, together with ISO 15004, specifies minimum requirements and the design compliance procedure for tonometers intended for routine clinical use in the estimation of intraocular pressure (IOP) for the detection, diagnosis, and management of ocular abnormalities.

TIA (Telecommunications Industry Association)

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

Contact: *Stephanie Montgomery*

Fax: (703) 907-7727

E-mail: smontgomery@tiaonline.org; standards@tiacomm.org

BSR/TIA 568-C.2-1-200x, Commercial Building Telecommunications Cabling Standard - Part 2: Balanced Twisted-Pair Cabling and Components - Addendum 1: Additional Balance and Coupling Attenuation Requirements for Balanced Twisted-Pair Cabling (new standard)

Stakeholders: Telecommunications Industry Association.

Project Need: To address the additional balance and coupling attenuation requirements for cabling and components installed in industrial facilities and other harsh environments that are classified as E2 and E3 environments.

Addresses new requirements for TCTL and ELTCTL (between pairs) for E1, E2 and E3 environments. The addendum includes test methods, as necessary, to support these specifications. These additional balance parameters are needed in support of emerging higher speed applications, cabling installed in harsh electromagnetic environments, and alien crosstalk considerations.

BSR/TIA 1152-200x, Requirements for Field Test Instruments and Measurements for Balanced Twisted-Pair Cabling (new standard)

Stakeholders: Telecommunications Industry Association.

Project Need: To specify the reporting and accuracy performance requirements of field testers for balanced twisted-pair cabling measurements.

Specifies the reporting and accuracy performance requirements of field testers for balanced twisted-pair cabling measurements. Level IIe, III, and IIIe field tester requirements are specified in this standard. This Standard contains methods to compare the field instrument measurements against laboratory equipment measurements specified in TIA 568-C.2. Measurement accuracy based upon the assumptions for key performance parameters is addressed. Verification of workmanship and performance is important for reliable operation of installed cabling.

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.

- AAMI
- AAMVA
- AGA
- AGRSS, Inc.
- ASHRAE
- ASME
- ASTM
- GEIA
- MHI (ASC MH10)
- NBBPVI
- NCPDP
- NISO
- NSF
- TIA
- Underwriters Laboratories, Inc. (UL)

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 www.ansi.org/publicreview.

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 and IEC Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) are 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 and IEC 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, those regarding IEC documents to Charles T. Zegers, also at ANSI New York offices. The final date for offering comments is listed after each draft.

Ordering Instructions

ISO and IEC Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO or IEC Draft to Customer Service at sales@ansi.org. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

ISO Standards

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO/DIS 24610-2, Language resource management - Feature structures - Part 2: Feature system declaration - 10/12/2008, $119.00

TEXTILES (TC 38)

ISO 105-B08/DAmd1, Textiles - Tests for colour fastness - Part B08: Quality control of blue wool reference materials 1 to 7 - Amendment 1 - 10/11/2008, $29.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 25119-1, Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 1: General principles for design and development - 10/12/2008, $88.00

ISO/DIS 25119-2, Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 2: Concept phase - 10/12/2008, $125.00

ISO/DIS 25119-3, Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 3: Series development, hardware and software - 10/12/2008, $125.00

ISO/DIS 25119-4, Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 4: Production, operation, modification and supporting processes - 10/12/2008, $88.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 14343, Welding consumables - Wire electrodes, strip electrodes, wires and rods for arc welding of stainless and heat resisting steels - Classification - 10/11/2008, $67.00

IEC Standards

77A/660/FDIS, IEC 61000-4-30 Ed.2: Electromagnetic compatibility (EMC) - Testing and measurement techniques - Power quality measurement methods, 09/05/2008

82/531/FDIS, IEC 62116 Ed.1: Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters, 09/05/2008

86A/1228/FDIS, IEC 60794-3-40 Ed. 1.0: Optical fibre cables - Part 3-40: Outdoor optical fibre cables - Family specification for sewer cables and conduits for installation by blowing and/ or pulling in non-man accessible storm and sanitary sewers, 09/05/2008

CIS/A/798/FDIS, CISPR 16-2-1 Ed.2: Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-1: Methods of measurement of disturbances and immunity - Conducted disturbance measurements, 09/05/2008

CIS/F/489/FDIS, Amendment 2 to CISPR 15 Ed. 7.0: Introduction of measurement instrumentation uncertainty and deletion of banning of sales, 09/05/2008

23B/894/FDIS, IEC 60669-2-1 A1 Ed.4: Switches for household and similar fixed electrical installations - Part 2-1: Particular requirements - Electronic switches, 09/05/2008

61/3677/FDIS, IEC 60335-2-4 Ed 6.0: Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors, 09/05/2008

61/3678/FDIS, IEC 60335-2-21-A2 Ed 5.0: Household and similar electrical appliances - Safety - Part 2-21: Particular requirements for storage water heaters, 09/05/2008

62D/697/FDIS, IEC 80601-2-59 Ed.1: Medical electrical equipment - Part 2-59: Particular requirements for the basic safety and essential performance of screening thermographs for human febrile temperature screening, 09/05/2008

80/535/FDIS, IEC 61174 Ed.3: Maritime navigation and radiocommunication equipment and systems - Electronic chart display and information system (ECDIS) - Operational and performance requirements, methods of testing and required test results, 09/05/2008

86A/1231/FDIS, IEC 60794-3-50 Ed. 1.0: Optical fibre cables: Part 3-50: Outdoor cables - Family specification for gas pipe cables and subducts for installation by blowing and/or pulling/dragging in gas pipes, 09/05/2008

86A/1232/FDIS, IEC 60794-3-60 Ed. 1.0: Optical fibre cables: Part 3-60: Outdoor cables - Family specification for drinking water pipe cables and subducts for installation by blowing and/or pulling/dragging/floating in drinking water pipes, 09/05/2008

86A/1233/FDIS, IEC 60794-2-30 Ed. 2.0: Optical fibre cables -Part 2-30: Indoor cables - Family specification for ribbon cables, 09/05/2008

89/875/FDIS, ISO/IEC 13943: Fire Safety - Vocabulary, 09/05/2008

13/1437/FDIS, IEC 62059-31-1: Electricity metering equipment - Dependability - Part 31-1: Accelerated reliability testing - Elevated temperature and humidity, 09/12/2008

23/450/FDIS, IEC 62080 A1 Ed.1: Sound signalling devices for household and similar purposes, 09/12/2008

47A/794/FDIS, IEC 62433-2, Ed.1: EMC IC modelling - Part 2: Models of Integrated Circuits for EMI behavioural simulation - Conducted Emissions modelling (ICEM-CE), 09/12/2008

48B/1927/FDIS, IEC 61984 Ed. 2.0: Connectors - Safety requirements and tests, 09/12/2008

61/3676/FDIS, IEC 60335-2-54 Ed 4.0: Household and similar electrical appliances - Safety - Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam, 09/12/2008

65B/685/FDIS, IEC 61298-1: Process measurement and control devices - General methods and procedures for evaluating performance - Part 1: General considerations, 09/12/2008

65B/686/FDIS, IEC 61298-2: Process measurement and control devices - General methods and procedures for evaluating performance - Part 2: Tests under reference conditions, 09/12/2008

65B/687/FDIS, IEC 61298-3: Process measurement and control devices - General methods and procedures for evaluating performance - Part 3: Tests for the effects of influence quantities, 09/12/2008

65B/688/FDIS, IEC 61298-4: Process measurement and control devices - General methods and procedures for evaluating performance - Part 4: Evaluation report content, 09/12/2008

100/1428/FDIS, IEC 61606-3: Audio and audiovisual equipment - Digital audio parts - Basic measurement methods of audio characteristics - Part 3: Professional use, 09/12/2008

Newly Published ISO and IEC Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization – and IEC – the International Electrotechnical Commission. Most are available at the ANSI Electronic Standards Store (ESS) at www.ansi.org. All paper copies are available from Standards resellers (http://webstore.ansi.org/faq.aspx#resellers)..

ISO Standards

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 8260:2008, Milk and milk products - Determination of organochlorine pesticides and polychlorobiphenyls - Method using capillary gas-liquid chromatography with electron-capture detection, $80.00

ISO 9231:2008, Milk and milk products - Determination of the benzoic and sorbic acid contents, $65.00

ISO 9936/Cor1:2008, Animal and vegetable fats and oils - Determination of tocopherols and tocotrienols contents - Method using high-performance liquid chromatography - Corrigendum, FREE

AIR QUALITY (TC 146)

ISO 16000-15:2008, Indoor air - Part 15: Sampling strategy for nitrogen dioxide (NO2), $80.00

BANKING AND RELATED FINANCIAL SERVICES (TC 68)

ISO 4217:2008, Codes for the representation of currencies and funds, $135.00

BUILDING CONSTRUCTION MACHINERY AND EQUIPMENT (TC 195)

ISO 15878/Cor1:2008, Road construction and maintenance equipment - Asphalt pavers - Terminology and commercial specifications - Corrigendum, FREE

CINEMATOGRAPHY (TC 36)

ISO 26428-2:2008, Digital cinema (D-cinema) distribution master - Part 2: Audio characteristics, $37.00

ISO 26429-3:2008, Digital cinema (D-cinema) packaging - Part 3: Sound and picture track file, $57.00

ISO 26429-6:2008, Digital cinema (D-cinema) packaging - Part 6: MXF track file essence encryption, $104.00

ISO 26430-1:2008, Digital cinema (D-cinema) operations - Part 1: Key delivery message, $86.00

ISO 26430-3:2008, Digital cinema (D-cinema) operations - Part 3: Generic extra-theater message format, $104.00

ISO 26432-2:2008, Digital source processing - Part 2: Digital cinema (D-cinema) low frequency effects (LFE) channel audio characteristics, $37.00

ERGONOMICS (TC 159)

ISO 9241-171:2008, Ergonomics of human-system interaction - Part 171: Guidance on software accessibility, $193.00

FIRE SAFETY (TC 92)

ISO 16730:2008, Fire safety engineering - Assessment, verification and validation of calculation methods, $135.00

MEASUREMENT OF FLUID FLOW IN CLOSED CONDUITS (TC 30)

ISO 3354:2008, Measurement of clean water flow in closed conduits - Velocity-area method using current-meters in full conduits and under regular flow conditions, $157.00

ISO 3966:2008, Measurement of fluid flow in closed conduits - Velocity area method using Pitot static tubes, $157.00

ISO 7194:2008, Measurement of fluid flow in closed conduits - Velocity-area methods of flow measurement in swirling or asymmetric flow conditions in circular ducts by means of current-meters or Pitot static tubes, $116.00

METALLIC AND OTHER INORGANIC COATINGS (TC 107)

ISO 2080:2008, Metallic and other inorganic coatings - Surface treatment, metallic and other inorganic coatings - Vocabulary, $149.00

PAPER, BOARD AND PULPS (TC 6)

ISO 217:2008, Paper - Untrimmed sizes - Designation and tolerances for primary and supplementary ranges, and indication of machine direction, $43.00

ROAD VEHICLES (TC 22)

ISO 6487/Amd1:2008, Road vehicles - Techniques of measurement in impact tests - Instrumentation - Amendment 1, $16.00

ISO 10605:2008, Road vehicles - Test methods for electrical disturbances from electrostatic discharge, $149.00

ISO 26021-2:2008, Road vehicles - End-of-life activation of on-board pyrotechnic devices - Part 2: Communication requirements, $149.00

TECHNICAL SYSTEMS AND AIDS FOR DISABLED OR HANDICAPPED PERSONS (TC 173)

ISO 7176-19:2008, Wheelchairs - Part 19: Wheeled mobility devices for use as seats in motor vehicles, $141.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO 22303:2008, Tobacco - Determination of tobacco specific nitrosamines - Method using buffer extraction, $65.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 9644:2008, Agricultural irrigation equipment - Pressure losses in irrigation valves - Test method, $73.00

ISO 21628:2008, Gardening machinery - Powered material-collecting systems - Safety, $49.00

ISO Technical Reports

NATURAL GAS (TC 193)

ISO/TR 26762:2008, Natural gas - Upstream area - Allocation of gas and condensate, $180.00

TEXTILES (TC 38)

ISO/TR 12116:2008, Textiles - Methods of simulating colour change during actual wear by means of laboratory colour-fastness tests, $57.00

ISO Technical Specifications

TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO/TS 22304:2008, Tobacco - Determination of tobacco specific nitrosamines - Method using alkaline dichloromethane extraction, $65.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14443-4:2008, Identification cards - Contactless integrated circuit cards - Proximity cards - Part 4: Transmission protocol, $135.00

ISO/IEC 14496-5/Amd16:2008, Reference software for MPEG-4 - Amendment 1: Symbolic Music Representation reference software, $16.00

ISO/IEC 14496-5/Amd17:2008, Reference software for MPEG-4 - Amendment 1: Reference software for LASeR and SAF, $16.00

ISO/IEC 15424:2008, Information technology - Automatic identification and data capture techniques - Data Carrier Identifiers (including Symbology Identifiers), $86.00

ISO/IEC 19775-1:2008, Information technology - Computer graphics and image processing - Extensible 3D (X3D) - Part 1: Architecture and base components, $116.00

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 90005:2008, Systems engineering - Guidelines for the application of ISO 9001 to system life cycle processes, $220.00

IEC Standards

ALL-OR-NOTHING ELECTRICAL RELAYS (TC 94)

IEC/PAS 61810-2-1 Ed. 1.0 en:2008, Electromechanical elementary relays - Part 2-1: Reliability - Procedure for the verification of B10 values, $61.00

CABLES, WIRES, WAVEGUIDES, R.F. CONNECTORS, AND ACCESSORIES FOR COMMUNICATION AND SIGNALLING (TC 46)

IEC/PAS 61169-40 Ed. 1.0 en:2008, Radio-frequency connectors - Part 40: Sectional specification for 2.4 series R.F connectors, $107.00

IEC 62431 Ed. 1.0 en:2008, Reflectivity of electromagnetic wave absorbers in millimetre wave frequency - Measurement methods, $204.00

CAPACITORS AND RESISTORS FOR ELECTRONIC EQUIPMENT (TC 40)

IEC 60384-1 Ed. 4.0 en:2008, Fixed capacitors for use in electronic equipment - Part 1: Generic specification, $250.00

IEC 60384-4-1 Ed. 3.0 b:2007, Fixed capacitors for use in electronic equipment - Part 4-1: Blank detail specification - Fixed aluminium electrolytic capacitors with non-solid electrolyte - Assessment level EZ, $87.00

IEC 60384-4-2 Ed. 2.0 b:2007, Fixed capacitors for use in electronic equipment - Part 4-2: Blank detail specification - Fixed aluminium electrolytic capacitors with solid (MnO2) electrolyte - Assessment level EZ, $66.00

IEC 60384-18 Ed. 2.0 b:2007, Fixed capacitors for use in electronic equipment - Part 18: Sectional specification - Fixed aluminium electrolytic surface mount capacitors with solid (MnO2) and non-solid electrolyte, $128.00

IEC 60384-18-1 Ed. 2.0 b:2007, Fixed capacitors for use in electronic equipment - Part 18-1: Blank detail specification - Fixed aluminium electrolytic surface mount capacitors with solid (MnO2) electrolyte - Assessment level EZ, $61.00

IEC 60384-18-2 Ed. 2.0 b:2007, Fixed capacitors for use in electronic equipment - Part 18-2: Blank detail specification - Fixed aluminium electrolytic surface mount capacitors with non-solid electrolyte - Assessment level EZ, $61.00

ELECTRIC WELDING (TC 26)

IEC 62135-1 Ed. 1.0 b:2008, Resistance welding equipment - Part 1: Safety requirements for design, manufacture and installation, $235.00

ELECTRICAL ACCESSORIES (TC 23)

IEC 62335 Ed. 1.0 b:2008, Circuit breakers - Switched protective earth portable residual current devices for class I and battery powered vehicle applications, $270.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

IEC/TR 60977 Ed. 2.0 b:2008, Medical electrical equipment - Medical electron accelerators - Guidelines for functional performance characteristics, $235.00

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

IEC 60603-7 Ed. 3.0 b:2008, Connectors for electronic equipment - Part 7: Detail specification for 8-way, unshielded, free and fixed connectors, $179.00

IEC 61076-2-101 Ed. 2.0 b:2008, Connectors for electronic equipment - Product requirements - Part 2-101: Circular connectors - Detail specification for M12 connectors with screw-locking, $204.00

IEC 61076-3 Ed. 2.0 b:2008, Connectors for electronic equipment - Product requirements - Part 3: Rectangular connectors - Sectional specification, $107.00

IEC 61076-3-001 Ed. 2.0 b:2008, Connectors for electronic equipment - Product requirements - Part 3-001: Rectangular connectors - Blank detail specification, $250.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC 61512-3 Ed. 1.0 b:2008, Batch control - Part 3: General and site recipe models and representation, $235.00

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC 60238 Amd.1 Ed. 8.0 b:2008, Amendment 1 - Edison screw lampholders, $21.00

IEC 60399 Amd.1 Ed. 2.0 b:2008, Amendment 1 - Barrel thread for lampholders with shade holder ring, $19.00

IEC 60838-1 Amd.1 Ed. 4.0 b:2008, Amendment 1 - Miscellaneous lampholders - Part 1: General requirements and tests, $21.00

OTHER

IECQ 01 Ed. 3.0 en:2008, IEC Quality Assessment System for Electronic Components (IECQ System) - Basic Rules, $0.00

CISPR/TR 16-2-5 Ed. 1.0 en:2008, Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-5: In situ measurements for disturbing emissions produced by physically large equipment, $77.00

TOOLS FOR LIVE WORKING (TC 78)

IEC 61230 Ed. 2.0 b:2008, Live working - Portable equipment for earthing or earthing and short-circuiting, $235.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

ANSI Accredited SDO and US TAG to ISO/IEC JTC 1, Information Technology

The InterNational Committee for Information Technology Standards (INCITS), an ANSI accredited SDO, is the forum for information technology developers, producers and users to create and maintain formal de jure IT standards. INCITS' mission is to promote the effective use of Information and Communication Technology through standardization in a way that balances the interests of all stakeholders and increases the global competitiveness of the member organizations.

The INCITS Executive Board serves as the consensus body with its oversight of programs of its 30+ Technical Committees. Additionally, the INCITS Executive Board exercises international leadership in its role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

The INCITS Executive Board seeks to broaden its membership base and is recruiting new participants in all membership categories:

- special interest (user, academic, consortia)
- non-business (government and major/minor SDOs)
- business (large/small businesses and consultants)

Membership in the INCITS Executive Board is open to all directly and materially affected parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, please contact Jennifer Garner at 202-626-5737 or jgarner@itic.org.

ANSI Accredited Standards Developers

Reaccreditation

Industrial Truck Standards Development Foundation (ITSDF)

Comment Deadline: August 18, 2008

The Industrial Truck Standards Development Foundation (ITSDF), an ANSI Organizational Member, has submitted revisions to the operating procedures under which it was originally accredited. As these revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of ITSDF's revised operating procedures, or to offer comments, please contact: Mr. Christopher Merther, Secretary, Industrial Truck Standards Development Foundation, 1750 K Street NW, Suite 460, Washington, DC 20006; PHONE: (202) 478-7599; FAX: (202) 478-7599; E-mail: cmerther@earthlink.net. You may view/download a copy of the revisions during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d

As these revisions are available electronically, the public review period is 30 days. Please submit your comments to ITSDF by August 18, 2008, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (FAX: (212) 840-2298; E-mail: Jthompso@ANSI.org).

Updated Scope of Accreditation

Sheet Metal and Air Conditioning Contractors' National Association (SMACNA)

The Sheet Metal and Air Conditioning Contractors' National Association (SMACNA), an ANSI Organizational Member, has updated its original stated scope of accreditation on file at ANSI (standards developer scopes are provided for informational purposes). SMACNA's revised scope is as follows:

> SMACNA develops standards that have worldwide acceptance in the design/construction/maintenance community for HVAC, Architectural Sheet Metal, Industrial Sheet Metal, Ketchen Equipment, Specialty Steel, TAB, Service, Energy, Energy Management and Maintenance for the design, fabrication, installation and construction of sustainable facilities.

For additional information, please contact: Mr. Eli P. Howard III, Executive Director of Technical Services, 4201 Lafayette Center Drive, Chantilly, VA 20151-1209; PHONE: (703) 803-2980; FAX: (703) 803-3732; E-mail: ehoward@smacna.org.

ANSI Accreditation Program for Third Party Product Certification Agencies

Initial Accreditation

W.Q.S. Certificacoes De Produtos LTDA

(World Quality Services – WQS)

Comment Deadline: August 18, 2008

Main Site

Mr. Valmir Rodrigues
W.Q.S. Certificacoes De Produtos LTDA
(World Quality Services – WQS)
Av. Dep. Dante Delmanto, 2660, Vila Paulista
Botucatu – SP
Brazil
Cep: 18.608-393
Phone: 55 14 3811 3003
E-mail: valmir@wqs.com.br

On July 11, 2008, the ANSI Accreditation Committee (ACC) voted to approve initial accreditation for W.Q.S. Certificacoes De Produtos LTDA (World Quality Services – WQS) for the following scopes:

Scopes: EurepGAP (GLOBAL.G.A.P.)

- Livestock (Cattle & Sheep, Dairy, Pigs and Poultry)
- Crops (Fruits & Vegetables) in accordance with EurepGAP – sGeneral Regulations – Integrated Farm Assurance, version 3.0 Sept 07

Please send your comments by August 18, 2008 to Reinaldo Balbino Figueiredo, Program Director, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293 9287 or e-mail: rfigueir@ansi.org.

International Organization for Standardization (ISO)

Call for International Secretariat

ISO/TC 219 - Floor coverings

The Member Bodies of ISO have been contacted regarding the re-allocation, from the United Kingdom (BSI), of the Secretariat of ISO/TC 219.

The Technical Committee has the following scope:

Standardization in the field of textile, resilient and laminate floor coverings. Excluded: Wood, ceramic, terrazzo, concrete and raised access type floorings.

Information concerning the United States undertaking the role of international secretariat for this ISO Technical Committee may be obtained by contacting Henrietta Scully at ANSI via e-mail at isot@ansi.org.

U.S. Technical Advisory Groups

Approval of Accreditation

U.S. TAG to ISO/TC 34/SC 15 – Coffee

ANSI's Executive Standards Council (ExSC) has approved the accreditation of the U.S. Technical Advisory Group to ISO/TC 34/SC 15, Coffee, and the appointment of the Specialty Coffee Association of America (SCAA), a new ANSI Organizational Member, as TAG Administrator, effective July 16, 2008. The TAG will operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures. For additional information, please contact: Mr. Joseph Rivera, Director of Science & Technology, Specialty Coffee Association of America, 330 Golden Shore, Suite 50, Long Beach, CA 90802; PHONE: (562) 624-4100; FAX: (562) 624-4101; E-mail: jrivera@scaa.org.

Meeting Notice

Joint Committee on Standards for Educational Evaluation (JCSEE)

The Joint Committee on Standards for Educational Evaluation (JCSEE) is hosting an annual meeting:

Date: September 25-27, 2008

Place: American Psychological Association
750 First Street, NE
Washington, DC

For inquiries, contact Sally Veeder of The Evaluation Center at sally.veeder@wmich.edu.

1. *Removal of Canadian Requirements Guide from BSR/UL 193*

PROPOSAL

~~CANADIAN REQUIREMENTS COMPARISON GUIDE CRG 193~~

~~UL AND CANADIAN STANDARDS FOR ALARM VALVES FOR FIRE-PROTECTION SERVICE~~

~~Product Category: Sprinkler System and Water Spray System Device~~

~~UL Category Control Number: VPLX~~

~~UL Standard:~~

~~Standard for Alarm Valves for Fire-Protection Service~~
~~UL 193~~
~~Tenth Edition~~

~~Canadian Standard:~~

~~ULC Guide for Investigation of Alarm Valves for Fire-Protection Service~~
~~No. C193-1975~~
~~First Edition~~

~~This Canadian Requirement Comparison Guide is only intended to identify Canadian requirements that must be applied in addition to the requirements in the UL Standard to obtain a C-UL Mark. The guide is not intended to replace a thorough review and comparison of the requirements applicable to the product category as contained in the applicable UL and Canadian Standards. Where requirements are not specifically addressed, compliance with the requirements in the UL Standard satisfy the requirements in the Canadian Standard.~~
~~The actual requirements applied for a C-UL product investigation may differ from those identified in this guide based on the specific features, characteristics, components, materials, or systems used in the product.~~

~~CRG: 193~~
~~Issue No.: 2~~

~~January 12, 2004~~
~~Revisions of this guide will be made by issuing revised or additional pages bearing their date of issue. A Canadian Requirement Comparison Guide is current only if it incorporates the most recently adopted revisions, all of which are itemized on the transmittal notice that accompanies the latest set of revision pages for the Guide.~~
~~The following outlines the requirements contained in ULC C193-1975 that are in addition to the requirements in UL 193 that must be met in order for a product to bear the appropriate UL Marking. UL provides a certification program for products that meet the Canadian requirements. The c-UL Mark is the manufacturer's assurance that products as evaluated by UL, continue to comply with the appropriate Canadian requirements.~~

Requirements Topics	ULC Clause	Comparison
Assembly - Sizes	4.1	Alarm valve sizes are limited to 2-1/2 to 8 inches (63.5 to 203.2 mm) throughout.
Assembly - Bodies and Covers	8.9	Valves must have a handhole opening for servicing.
Assembly - Valve Mechanisms	9.14	The span of the bearing, or bearings (the distance between the outer extremities of the bearing or bearings, on a common hinge pin) shall be not less than 2-1/4 inches (57.2 mm) for 2-1/2 and 3 inch (63.5 and 76.2 mm) size valves, 2-1/2 inches (63.5 mm) for 4 inch (101.6 mm) size, 2-15/16 inches (74.6 mm) for 6 inch (152.4 mm) valves and 3-1/16 inches (77.8 mm) for 8 inch (203.2 mm) size valves.
	9.15	A bushing of bronze or other equally corrosive-resistant material shall be assembled on a body, lug or other part with a Class FN-1 or FN-2 fit, as given in the Standard for Preferred Limits and Fits for Cylindrical Parts, ANSI B4.1-1967.
Assembly - Clapper Rings and Seat Rings	11.1	The width of metal to metal valve-seating surfaces of clapper ring shall not be less than 3/8 inch (9.54 mm) wide.
Assembly - Clearances	12.2	The construction of the valve shall be reviewed to verify that the clearance between the clapper and the inside walls shall be 1/2 inch (12.7 mm) whether the valve is iron or bronze bodied.
	12.6	The construction of the valve shall be reviewed to verify that the endwise clearance between clapper arm bearings and cooperating side bearing surfaces is a minimum of 0.01 inch (0.25 mm).
Leakage	22.2	An alarm valve shall be capable of withstanding, without leakage, at the valve seat, an internal hydrostatic pressure equivalent to a 1 foot (305 mm) high column of water.
	25.2	The sensitiveness of a valve shall be Listed for service pressures of 35 psi to 100 psi (2.4 to 6.9 bar).

BSR/UL 217-200x

34.3.2 A voice message shall be permitted to be included with the standardized alarm signal in one or both of the formats noted below.

a) A voice message of 1.5 seconds or less in length shall be permitted to be inserted into any or all of the 1.5 second OFF phases of the temporal pattern.
b) A voice message that exceeds 1.5 seconds but does not exceed 10 seconds in length shall be permitted to be inserted following a minimum of 8 cycles of the initial "three pulse" temporal pattern. This voice message shall be followed by not less than 2 cycles of the "three pulse" temporal pattern. The voice message shall then be permitted to be repeatedly inserted provided that each additional pulse of the voice message follows at least 2 cycles of the "three pulse" temporal pattern.
c) In Board and Care Occupancies, provisions should be made to allow premise staff to have multiple languages available which reflect the general region.

65.2.1 The sound power output of the alarm shall be measured in a reverberation room using procedures outlined in ANSI ASA Standards ~~S12.31 (Precision Methods for the Determination of Sound Power Levels of Broad-Band Noise Sources in Reverberation Rooms) or S12.32 (Precision Methods for the Determination of Sound Power Levels of Discrete Frequency and Narrow Band Noise Sources in Reverberation Rooms)~~ S12.51 (Acoustics Determination of Sound Power Levels of Noise Sources using Sound Pressure Precision Method for Reverberation Rooms). The sound power in each 1/3 octave band shall be determined using the comparison method. The A-weighing factor shall be added to each 1/3 octave band. The total power is to be determined on the basis of actual power. The total power is then to be converted to an equivalent sound pressure level for a radius or 10 feet (3.05 m). using the following formula:

$$L_p = L_w - 20\text{Log}_{10} R - 0.6$$

where:

L_p is converted sound pressure level,
L_w is the sound power level measured in the reverberation room, and
R is the radius for the converted sound pressure level (10 feet).

An additional 6 db is to be added to allow for two reflecting planes.