ANSI STANDARDS ACTION

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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

★ Standard for consumer products

ISSN 0038-9633

Comment Deadline: May 18, 2008

NSF (NSF International)

Revisions

BSR/NSF 49-200x (i17), Class II (laminar flow) biosafety cabinetry (revision of ANSI/NSF 49-2006)

Issue 17 - To add in section F.7.3.2 interlock requirements for both type B cabinets.

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

Send comments (with copy to BSR) to: Mindy Costello, NSF; mcostello@nsf.org; aburr@nsf.org

BSR/NSF 49-200x (i18), Class II (laminar flow) biosafety cabinetry (revision of ANSI/NSF 49-2006)

Issue 18 - To add language in F.1 regarding downflow velocity readings.

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

Send comments (with copy to BSR) to: Mindy Costello, NSF; mcostello@nsf.org; aburr@nsf.org

BSR/NSF 50-200x (i43r3), Circulation system components and related materiasl for swimming pools, spas/hot tubs (revision of ANSI/NSF 50-2007)

Issue 43 - Revision 3 of the UV lifetest ballot - To remove the 80% pressure requirement from Section 13.4, Life Test.

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

Send comments (with copy to BSR) to: Mindy Costello, NSF; mcostello@nsf.org; aburr@nsf.org

BSR/NSF 173-200x (i18r2), Dietary Supplements (revision of ANSI/NSF 173-2006)

Issue 18, revision 2 - To incorporate language for assessment of allergen-free claims and describe methods to be employed and detection limits in terms of ppm present in the product.

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

Send comments (with copy to BSR) to: Sarah Kozanecki, NSF; kozanecki@nsf.org

UL (Underwriters Laboratories, Inc.)

New National Adoptions

BSR/UL 60950-1-200x, Information Technology Equipment - Safety - Part 1: General Requirements (national adoption with modifications and revision of ANSI/UL 60950-1-2007)

Proposes to revise 4.7.1 (Reducing the risk of ignition and spread of flame) to include a reference to compliance with IEC TS 62441, "Accidentally caused candle flame ignition for audio/video, communication and information technology equipment," as an additional consideration for equipment that is intended to be used in the home and that may be accidentally ignited by an external candle flame.

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

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

Comment Deadline: June 2, 2008

AAMI (Association for the Advancement of Medical Instrumentation)

Withdrawals

ANSI/AAMI/ISO 11737-3-2004, Sterilization of medical devices - Microbiological methods - Part 3: Guidance on evaluation and interpretation of bioburden data (withdrawal of ANSI/AAMI/ISO 11737-3-2004)

Provides guidance only on the use of bioburden data in routine control and monitoring; guidance given is additional to that provided in ISO 11737-1, Informative Annex 1. ISO 11737-3 has already been withdrawn.

Single copy price: Print: $35.00 (AAMI members), $70.00 (list); PDF: $35.00 (AAMI members), $70.00 (list)

Obtain an electronic copy from: http://marketplace.aami.org/eseries/ScriptContent/Index.cfm

Order from: AAMI Customer Service; 1-877-249-8226

Send comments (with copy to BSR) to: Sonia Balboni, AAMI; sbalboni@aami.org

ACDE (Association of Commercial Diving Educators)

Reaffirmations

BSR/ACDE 01-1998 (R200x), Divers - Commercial Diver Training - Minimum Standard (reaffirmation of ANSI/ACDE 01-1998)

Specifies the acceptable minimum training standards for entry-level commercial diver training.

Single copy price: Free

Obtain an electronic copy from: tamara@diversacademy.com

Order from: Tamara Brown, ACDE; tamara@diversacademy.com

Send comments (with copy to BSR) to: Same

AGA (ASC Z380) (American Gas Association)

Addenda

BSR GPTC Z380.1-2003 TR03-14-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on large-scale outage under GMA G-192-7.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR03-16-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on qualification and training terms under 192.11, 192.281, 192.305, 192.605, 192.614, 192.617, 192.739, GMA G-192-11, GMA G-192-11A, and GMA G-192-12.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR03-37-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on external corrosion control under 192.457, 192.459, 192.465, and 192.941.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR04-11-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

This standard revises the Guide material on plastic pipe design limitations under 192.123.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR04-21-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on change in class location under 192.611.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR04-38-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on IMP program deviation under 192.913.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR04-41-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on baseline assessment plan under 192.3, 192.919, and GMA G-192-1.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

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BSR GPTC Z380.1-2003 TR04-44-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on ECDA reguirements under 192.925.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR04-48-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on actions on integrity issues under 192.933 and 192.949.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR04-51-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on required reassessment intervals under 192.939.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR04-52-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on low stress reassessment under 192.941.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR05-03-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on qualification program under 192.803, 192.805, 192.809, and GMA G-192-1.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

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BSR GPTC Z380.1-2003 TR06-08-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on damage by outside forces under GMA G-192-13.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR06-10-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on vehicular damage under 192.353, 192.355, and GMA G-192-13.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR06-15-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on investigation of failures under 192.617.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR06-16-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on line markers under GMA G-192-13.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

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BSR GPTC Z380.1-2003 TR06-17-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on gas leakage control guidelines under GMA G-192-11 and GMA G-192-11A.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

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BSR GPTC Z380.1-2003 TR06-21-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on definitions under 192.3.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR06-26-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on lateral line definiton under 192.3 and 192.625.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR06-28-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on damage by outside forces under GMA G-192-13.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR06-32-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on incident command system under 192.615.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR06-37-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on slack loop definition under 192.3.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR07-02-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on internal corrosion control, design, under 192.475.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR07-03-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on internal corrosion control under 192.475.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR07-15-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on IMP report certification by officer under 192.951 and GMA G-192-1.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

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BSR GPTC Z380.1-2003 TR07-16-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on internal corrosion control under 192.143, 192.476 and GMA G-192-1.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

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BSR GPTC Z380.1-2003 TR07-20-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material on one call directory under 192.614 and GMA G-192-1.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2003 TR07-21-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2003)

Revises the Guide material by adding new definitions under 192.3.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org

Send comments (with copy to BSR) to: Same

AHAM (Association of Home Appliance Manufacturers)

Reaffirmations

BSR/AHAM AC-2-2006 (R200x), Method for Sound Testing of Portable Household Electric Room Air Cleaners (reaffirmation of ANSI/AHAM AC-2-2006)

Establishes a method to determine the sound rating of portable household electric room air cleaners. The sound rating is comprised of a set of sound levels that include: (1) Overall A-weighted sound power level (LWA) and (2) Loudness level in SONES. Established in the standard are definitions, tests, calculations, ratings, and minimum data requirements for published ratings and conformance conditions.

Single copy price: Free

Obtain an electronic copy from: jmoyer@aham.org

Order from: Jennifer Moyer, AHAM; jmoyer@aham.org

Send comments (with copy to BSR) to: Same

AISI (American Iron and Steel Institute)

Supplements

BSR/AISI S214-07/S2-200x, Supplement 2 to the North American Standard for Cold-Formed Steel Framing - Truss Design (supplement to ANSI/AISI S214-2007)

Describes the design of cold-formed steel trusses for load-carrying purposes in buildings, including manufacturing, quality criteria, installation and testing as they relate the design of cold-formed steel trusses.

Single copy price: Free

Obtain an electronic copy from: jlarson@steel.org

Order from: Jay Larson, AISI; jlarson@steel.org

Send comments (with copy to BSR) to: Same

BSR/AISI S230-07/S2-200x, Supplement 2 to the Standard for Cold-Formed Steel Framing - Prescriptive Method for One and Two Family Dwellings (supplement to ANSI/AISI S230-2007)

Describes construction of cold-formed steel-framed detached one- and two-family dwellings, townhouses, and other attached single-family dwellings not more than three stories in height using repetitive in-line framing practices.

Single copy price: Free

Obtain an electronic copy from: jlarson@steel.org

Order from: Jay Larson, AISI; jlarson@steel.org

Send comments (with copy to BSR) to: Same

ALI (ASC A14) (American Ladder Institute)

Revisions

BSR A14.3-200x, Ladders - Fixed - Safety Requirements (revision of ANSI A14.3-2002)

Prescribes minimum requirements for design, construction, and use of fixed ladders, and sets forth requirements for cages, wells, and ladder safety systems used with fixed ladders, in order to minimize personal injuries. All parts and appurtenances necessary for a safe and efficient ladder shall be considered integral parts of the design.

Single copy price: $50.00 (Paid in advance of delivery)

Obtain an electronic copy from: jrapp@smithbucklin.com

Order from: Janet Rapp, ALI (ASC A14); jrapp@smithbucklin.com

Send comments (with copy to BSR) to: Same

API (American Petroleum Institute)

New National Adoptions

BSR/API RP 17B/ISO 13628-11-200x, Recommended Practice for Flexible Pipe (identical national adoption of ISO 13628-11)

Provides guidelines for the design, analysis, manufacture, testing, installation and operation of flexible pipes and flexible pipe systems for onshore, subsea, and marine applications.

Single copy price: $25.00

Obtain an electronic copy from: kurylac@api.org

Order from: Carriann Kuryla, API (Organization); kurylac@api.org

Send comments (with copy to BSR) to: Same

BSR/API Spec 17J/ISO 13628-2-200x, Specification for Unbonded Flexible Pipe (identical national adoption of ISO 13628-2)

Defines the technical requirements for safe, dimensionally and functionally interchangeable flexible pipes that are designed and manufactured to uniform standards and criteria. Minimum requirements are specified for the design, material selection, manufacture, testing, marking and packaging of flexible pipes, with reference to existing codes and standards where applicable. This standard applies to unbonded flexible pipe assemblies, consisting of segments of flexible pipe body with end fittings attached to both ends. It does not cover flexible pipes of bonded structure. It does not apply to flexible pipe ancillary components.

Single copy price: $25.00

Obtain an electronic copy from: kurylac@api.org

Order from: Carriann Kuryla, API (Organization); kurylac@api.org

Send comments (with copy to BSR) to: Same

ASA (ASC S12) (Acoustical Society of America)

Revisions

BSR/ASA S12.9-Part 6-200x, Quantities and Procedures for Description and Measurement of Environmental Sound - Part 6: Methods for Estimating of Awakenings Associated with Outdoor Noise Events Heard in Homes (revision and redesignation of ANSI S12.9-Part 6-2000 (R2005))

Provides a method to predict sleep disturbance in terms of percent awakenings or numbers of people awakened associated with noise levels in terms of indoor A-weighted sound exposure level (ASEL). Developed from field studies of behavioral awakening primarily in homes near routine jet aircraft takeoff and landing operations, railroads, roads and highways. Database used to develop the method consists of about 10,000 subject-nights of observations in a variety of communities in US and Netherlands.

Single copy price: $120.00

Obtain an electronic copy from: asastds@aip.org

Order from: Susan Blaeser, ASA (ASC S1); sblaeser@aip.org; asastds@aip.org

Send comments (with copy to BSR) to: Same

ASA (ASC S2) (Acoustical Society of America)

Revisions

BSR/ASA S2.9-200x, Parameters for Specifying Damping Properties of Materials and System Damping (revision and redesignation of ANSI S2.9-1976 (R2006))

Presents required nomenclature to improve communications among technological fields concerned with material damping used for resilient mountings to enable a clear understanding by both user and manufacturer. Intention is to encourage better communication between manufacturer and user. Should be regarded as nomenclature for specifying damping properties of the resilient materials. Outlines information to enable the experienced designer to select resilient material for machine mountings correctly.

Single copy price: $120.00

Obtain an electronic copy from: asastds@aip.org

Order from: Susan Blaeser, ASA (ASC S1); sblaeser@aip.org; asastds@aip.org

Send comments (with copy to BSR) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

New Standards

BSR/ASABE S602-200x, General Safety Standard for Agricultural Tractors in Scraper Application (new standard)

Provides safety requirements for agricultural scraper tractors as defined in ASAE S390, when used in construction environments, as defined in ISO 6165. This standard does not apply to agricultural tractors used in traditional agricultural applications, such as land leveling.

Single copy price: $48.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, ASABE; vangilder@asabe.org

Send comments (with copy to BSR) to: Same

BSR/ASABE S604-200x, Safety for Power Take-Off (PTO), Implement Input Driveline (IID), Implement Input Connection (IIC), and Auxiliary Power Take-Off (Aux. PTO) (new standard)

Serves as a guide to provide a reasonable degree of personal safety for operators and other persons during normal operation and servicing of the power take-off (PTO) drive shafts of a tractor or self-propelled machine used in agriculture and the implement-input connection (IIC) of its implement. This standard is applicable only to those PTO drive shafts and guards mechanically linked to the shaft by at least two bearings.

Single copy price: $48.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, ASABE; vangilder@asabe.org

Send comments (with copy to BSR) to: Same

Revisions

BSR/ASABE S279.14-200x, Lighting and Marking of Agricultural Equipment on Highways (revision of ANSI/ASAE S279.13-DEC05)

Provides specifications for lighting and marking of agricultural equipment whenever such equipment is operating or is traveling on a highway.

Single copy price: $48.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, ASABE; vangilder@asabe.org

Send comments (with copy to BSR) to: Same

BSR/ASABE S318.17-200x, Safety for Agricultural Field Equipment (revision of ANSI/ASAE S318.16-2006)

Serves as a guide to provide a reasonable degree of personal safety for operators and other persons during the normal operation and servicing of agricultural field equipment. This Standard does not apply to skid steer loaders, permanently installed grain dryers, and agricultural equipment covered by other safety standards, such as but not limited to permanently installed farmstead equipment, portable grain augers, and storage structures, except where specifically referenced by other standards.

Single copy price: $48.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, ASABE; vangilder@asabe.org

Send comments (with copy to BSR) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

Revisions

BSR ATIS 0300208-200x, Operations, Administration, Maintenance, and Provisioning (OAM&P) - Upper Layer Protocols for Telecommunications Management Network (TMN) Interfaces, Q and X Interfaces (revision of ANSI T1.208-1997 (R2003))

It is the intention to use and align this standard with the relevant ITU-T Recommendation. This alignment effort consists of adopting ITU-T Recommendation Q.812, Upper layer protocol profiles for the Q and X interfaces.

Single copy price: $43.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, ATIS; kconn@atis.org

Send comments (with copy to BSR) to: Same

Reaffirmations

BSR T1.105.07-1996 (R200x), Synchronous Optical Network (SONET) - Sub STA-1 Interface Rates and Formats Specification (reaffirmation of ANSI T1.105.07-1996 (R2005))

Establishes the rates and formats specifications for Sub STS-1 SONET interfaces. Specifically, this standard defines the formats for the VT1.5 interface and virtual tributary group interface, including the definitions and content of the associated overhead channels.

Single copy price: $108.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, ATIS; kconn@atis.org

Send comments (with copy to BSR) to: Same

BSR T1.105.07a-1997 (R200x), Synchronous Optical Network (SONET) - Sub STS-1 Interface Rates and Formats Specification (Inclusion of N x VT Group Interfaces) (reaffirmation of ANSI T1.105.07a-1997 (R2003))

Expands the range of sub-STS-1 interfaces to include payloads that are multiple of the VT Group. Specifically, sub-STS-1 payloads of N x VT Group shall be allowed with N = 1-5, inclusive.

Single copy price: $43.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, ATIS; kconn@atis.org

Send comments (with copy to BSR) to: Same

BHMA (Builders Hardware Manufacturers Association)

Revisions

BSR/BHMA A156.16-200x, Auxiliary Hardware (revision and redesignation of ANSI/BHMA A156.16-2002)

Establishes requirements for auxiliary hardware and includes performance tests covering operational, cyclical, strength or finish criteria.

Single copy price: $12.00 (BHMA members); $24.00 (nonmembers)

Obtain an electronic copy from: mtierney@kellencompany.com

Order from: Michael Tierney, BHMA; mtierney@kellencompany.com

Send comments (with copy to BSR) to: Same

HI (Hydraulic Institute)

Revisions

BSR/HI 1.1-1.2-200x, Rotodynamic (Centrifugal) Pumps for Nomenclature and Definitions (revision of ANSI/HI 1.1-1.2-2000)

The Subcommittee will limit its activity in the above matters to Centrifugal Pumps including the following:
- Overhung impeller, close-coupled pumps;
- Overhung impeller, separately coupled pumps;
- Between bearing, separately coupled, single-stage pumps;
- Between bearing, separately coupled, multistage pumps;
- Regenerative turbine pumps; and
- Special effects pumps.

Single copy price: $50.00

Obtain an electronic copy from: kanderson@pumps.org

Order from: Karen Anderson, HI; kanderson@pumps.org

Send comments (with copy to BSR) to: Same

BSR/HI 2.1-2.2-200x, Rotodynamic (Vertical) Pumps for Nomenclature and Definitions (revision of ANSI/HI 2.1-2.2-2000)

Applies to vertical diffuser, submersible motor, deep well pumps, and vertical diffuser, submersible motor, short set pumps. These are driven by vertical electric motors, or horizontal engines with right angle gears; it includes design and application Excluded from the scope of products are Vertical in-line pumps, horizontal centrifugal pumps mounted vertically (such as sewage pumps), and vertical, overhung impeller, close-coupled, submersible single-stage submersible pumps.

Single copy price: $50.00

Obtain an electronic copy from: kanderson@pumps.org

Order from: Karen Anderson, HI; kanderson@pumps.org

Send comments (with copy to BSR) to: Same

BSR/HI 2.4-200x, Rotodynamic (Vertical) Pumps for Installation, Operation and Maintenance (revision of ANSI/HI 2.4-2000)

Applies to IOM manuals for Rotodynamic (Vertical) Pumps including the following: VS0, VS1, VS2, VS3, VS6, VS7, VS7a, and VS8. Excluded from the scope are vertical in-line pumps, horizontal centrifugal pumps mounted vertically such as sewage pumps, vertical overhung impeller pumps, and close-coupled single-stage submersible pumps.

Single copy price: $50.00

Obtain an electronic copy from: kanderson@pumps.org

Order from: Karen Anderson, HI; kanderson@pumps.org

Send comments (with copy to BSR) to: Same

BSR/HI 3.6-200x, Rotary Pump Test (revision of ANSI/HI 3.6-2000)

Applies to industrial/commercial rotary positive displacement pumps. It includes detailed procedures on the setup and conduct of hydrostatic and performance tests of such pumps.

Single copy price: $50.00

Obtain an electronic copy from: kanderson@pumps.org

Order from: Karen Anderson, HI; kanderson@pumps.org

Send comments (with copy to BSR) to: Same

BSR/HI 9.6.5-200x, Rotodynamic (Centrifugal and Vertical) Pumps for Condition Monitoring (revision of ANSI/HI 9.6.5-2000)

Pertains to rotodynamic (centrifugal and vertical) pumps, including both sealed and seal-less pump designs as stated in each section. This standard is intended to be used as a tool in implementing process safety management, as well as general pump availability improvement programs.

Single copy price: $50.00

Obtain an electronic copy from: kanderson@pumps.org

Order from: Karen Anderson, HI; kanderson@pumps.org

Send comments (with copy to BSR) to: Same

BSR/HI 9.8-200x, Pump Intake Design (revision of ANSI/HI 9.8-1998)

Provides best practices and recommended designs of intakes and sumps for water, waste water, and industrial pump applications including free surface and closed conduit installations, for the purpose of avoiding intake-related problems with pumps. This standard contains criteria for determining the need for model testing of intake structures and closed conduit intakes, as well as acceptance criteria to be used in accepting results from the model testing of intakes.

Single copy price: $50.00

Obtain an electronic copy from: kanderson@pumps.org

Order from: Karen Anderson, HI; kanderson@pumps.org

Send comments (with copy to BSR) to: Same

I3A (International Imaging Industry Association)

Reaffirmations

BSR/I3A IT2.37-2001 (R200x), Photographic Technology - Print Grain Index - An Assessment of Print Graininess from Color Negative Films (reaffirmation of ANSI/PIMA IT2.37-2001)

Describes a method for determining the Print Grain Index (PGI) of a uniform neutral color photographic print made from an unmodulated neutral exposure of a color negative film.

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: Jeannette Bouthillet, I3A; jeannetteb@i3a.org

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

BSR/ISO 3665-1996, BSR/I3A IT2.49-1997 (R200x), Photography - Intra-oral dental radiographic film - Specifications (reaffirmation and redesignation of ANSI/ISO 3665-1996, ANSI/NAPM IT2.49-1997)

Establishes a system for the classification of intra-oral radiographtc film by the speed of the film/process system and by the size of the film. It specifies the sensitometric characteristtcs of the film/process systems and the physical characteristics of the film and packets; it also describes packaging and labelling requirements.

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: James Peyton, I3A; jamesp@i3a.org

Send comments (with copy to BSR) to: Same

NECA (National Electrical Contractors Association)

New Standards

BSR/NECA 310-200x, Standard for Installing and Maintaining Access Control, Intrustion Detection, and Alarm Systems (new standard)

Describes installation and maintenance procedures for access control systems, low-voltage instrusion detection systems, and alarm systems.

Single copy price: $15.00

Obtain an electronic copy from: cb@necanet.org

Order from: Caitlin Byrne, NECA; cb@necanet.org

Send comments (with copy to BSR) to: Same

NEMA (ASC C78) (National Electrical Manufacturers Association)

Revisions

BSR C78.357-200x, Tungsten Halogen Lamps (non-vehicle) (revision, redesignation and consolidation of ANSI C78.MR11-2-1997 (R2007), C78.1413-2001 (R2006), C78.1417-1997 (R2007), C78.1421-2002 (R2007), C78.1500-2001 (R2006), C78.1503-2001 (R2006), C78.1504-2001 (R2006), C78.1505-2001 (R2006), and C78.24-2001 (R2006))

Revises, consolidates, and redesignates the already-published ANSLG tungsten halogen lamp-specific performance standards. This standard includes five dimensional standard sheets that would consolidate and replace, at this time, ANSI C78.24, C78.1413, C78.1417, C78.1421, and C78.MR11-2. The C78.1500 series, which includes C78.1500, C78.1503, C78.1504, and C78.1505, will be superceded by this standard. This standard will also include new standard sheets for common PAR halogen GLS lamps.

Single copy price: At cost +

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph N. Roy, NEMA (ASC C78); ran_roy@nema.org; mat_clark@nema.org

Send comments (with copy to BSR) to: Same

NEMA (ASC C82) (National Electrical Manufacturers Association)

Revisions

BSR C82.11 consolidated-200x, High Frequency Fluorescent Lamp Ballasts (revision of ANSI C82.11-1993 (R1998))

Covers high-frequency ballasts that have rated open-circuit voltages of 2000 volts or less, operate the lamp at frequencies between 10 kHz and 500 kHz, and are intended to operate at a supply frequency of 50 Hz or 60 Hz. This comprises ballasts for hot-cathode fluorescent lamps, either switch-start (preheat-start), rapid-start (continuously heated cathodes), modified rapid start, programmed start, or instant start used primarily for lighting purposes.

Single copy price: At cost +

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Matt Clark, NEMA (ASC C81); Mat_clark@nema.org; ran_roy@nema.org

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

NFPA2 (National Fluid Power Association)

Revisions

BSR/(NFPA) T3.6.7R3-200x, Fluid power systems and products - Square head industrial cylinders - Mounting dimensions (revision of ANSI/(NFPA) T3.6.7R2-1996 (R2004))

Provides interchangeable mounting dimensions for pneumatic, light-duty hydraulic, and square-head industrial fluid power cylinders.

Single copy price: Free

Obtain an electronic copy from: ctschwartz@nfpa.com

Order from: Carrie Tatman Schwartz, NFPA2; ctschwartz@nfpa.com

Send comments (with copy to BSR) to: Same

TCNA (ASC A108) (Tile Council of North America)

Revisions

BSR A108.02-200x, General Requirements: Materials, Environmental, and Workmanship (revision of ANSI A108.02-2008)

Outlines the requirements for delivery, storage and handling of materials at the jobsite. Also included are the requirements for the installer to inspect the site prior to installation of the tile and preparation of the floor, curing the mortar bed, etc. prior to installing the tile. This is the section that contains the requirements for acceptable workmanship, such as consistent width of grout joints, acceptable lippage, and the types of things that are under the control of the installer. The requirements specified in the section apply to all of the installation specifications.

Single copy price: $25.00

Obtain an electronic copy from: http://www.tileusa.com/ANSIA108/index.html

Order from: Kathy Snipes, TCNA (ASC A108); ksnipes@tileusa.com

Send comments (with copy to BSR) to: Same

TIA (Telecommunications Industry Association)

Revisions

BSR/TIA 921-A-200x, Network Model for Evaluating Multimedia Transmission Performance Over Internet Protocol (revision of ANSI/TIA 921-2006)

ANSI-accredited committee TR-30.3 has developed this standard, which defines an IP network model. This model, along with the specified scenarios, are intended for evaluating and comparing communications equipment connected over a converged network.

Single copy price: $85.00

Obtain an electronic copy from: Global Engineering Documents; www.global.ihs.com

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

Send comments (with copy to BSR) to: Ronda Coulter, TIA; rcoulter@tiaonline.org

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 1286-200x, Office Furnishings (new standard)

Revises the requirements for hospital-grade receptacles, the dielectric voltage-withstand test, and the spill test in the proposed Fifth Edition of the Standard for Office Furnishings, UL 1286.

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: Susan Malohn, UL-IL; susan.p.malohn@us.ul.com

Revisions

BSR/UL 674-200x, Standard for Safety for Electric Motors and Generators for Hazardous Locations (Proposal dated 4-18-08) (revision of ANSI/UL 674-2007)

The following changes in requirements are being proposed:
(1) Revisions to add Zones 20, 21, and 22 in accordance with Article 506 of the NEC;
(2) Revision to delete the "I" in 6 in accordance with Article 506 of the NEC;
(3) Update reference standards to UL 1203; and
(4) Revision to 19.1.2 to include extra hard usage cord in cord-connected motors.

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: Anna Russell, UL; anna.russell@us.ul.com

BSR/UL 1123-200x, Standard for Safety for Marine Buoyant Devices (revision of ANSI/UL 1123-2007)

This UL 1123 April 18, 2008 recirculation bulletin includes revisions to the following:

- Proposal to delete average turning time requirements to become consistent to the adult devices;
- Proposal to redefine reference work vest;
- Proposal to revise Supplement SG - Type V Rescuers' Harness PFD; and
- Proposal to clarify construction versus performance requirements for chest sizes for youth devices.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com

Order from: comm2000

Send comments (with copy to BSR) to: Betty McKay, UL-NC; Betty.C.McKay@us.ul.com

BSR/UL 1191-200x, Standard for Components for Personal Flotation Devices (revision of ANSI/UL 1191-2007)

This 4/15/08 UL 1191 recirculation bulletin includes the following:

- Proposal to revise crack pressure for the operability test; and
- Proposal to add tolerances for the cycle rate for Webbing Closures and Adjusters.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com

Order from: comm2000

Send comments (with copy to BSR) to: Betty McKay, UL-NC; Betty.C.McKay@us.ul.com

BSR/UL 1651-200x, Optical Fiber Cable (revision of ANSI/UL 1651-2003)

Covers:

(1) Correction of NEC clause references;
(2) Editorial corrections;
(3) Clarification of failure criteria for the Vertical-Tray Flame Test;
(4) Relocation and renumbering of Sunlight Resistance Test;
(5) Revision to Durability of Print Method;
(6) Clarification of method for measuring jacket thickness; and
(7) Reference of UL 2556 in Lieu of UL 1581.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com

Order from: comm2000

Send comments (with copy to BSR) to: Mitchell Gold, UL-IL; Mitchell.Gold@us.ul.com

WMMA (ASC O1) (Wood Machinery Manufacturers of America)

New Standards

BSR/WMMA O1.1-1-200x, Safety Requirements for Fixed Angle Jump Saws (new standard)

Covers the safety requirements for the design, installation, care and use of single-blade, nonadjustable cut-angle jump saws and certain related accessory equipment, used in industrial and commercial applications, having a total connected power of 5 hp (3.7 KW) or greater, or having 3-phase wiring.

Single copy price: N/A

Obtain an electronic copy from: kboyle@fernley.com

Order from: Karen Boyle, WMMA (ASC O1); kboyle@fernley.com

Send comments (with copy to BSR) to: Same

Comment Deadline: June 17, 2008

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

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME A112.19.1/CSA B45.2-200x, Enameled Cast Iron and Steel Plumbing Fixtures (revision, redesignation and consolidation of ANSI/ASME A112.19.1M-1994 (2004), A112.19.1M Supplement 1-1998 (R2004), A112.19.1M Supplement 2-2000 (R2004), A112.19.4M-1994 (R2004), A112.19.4M-Supplement 1-1998 (R2004), and A112.19.4M-Supplement 2-2000 (R2004))

Covers enameled cast iron and steel plumbing fixtures and specifies requirements for materials, construction, performance, testing, and markings.

Single copy price: $20.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Calvin Gomez, ASME; gomezc@asme.org

BSR/ASME A112.19.2/CSA B45.1-200x, Ceramic Plumbing Fixtures (revision, redesignation and consolidation of ANSI/ASME A112.19.2-2003, A112.19.9M-1991 (R2002), A112.19.2M - Supplement 1-2000, A112.19.13-2001 (R2007), and A112.19.19-2006)

Covers vitreous and non-vitreous china plumbing fixtures and specifies requirements for materials, construction, performance, testing, and markings. This Standard's sanitary performance requirements and test procedures apply to all types of water closets and urinals that discharge into gravity waste systems in permanent buildings and structures, independent of occupancy.

Single copy price: $40.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Calvin Gomez, ASME; gomezc@asme.org

BSR/ASME A112.19.3/CSA B45.4-200x, Stainless Steel Plumbing Fixtures (revision and redesignation of ANSI/ASME A112.19.3-2000 (R2004))

Covers plumbing fixtures made of stainless steel alloys and specifies requirements for materials, construction, performance, testing, and markings. NOTE: The term "corrosion-resisting steel" is also applied to stainless steel.

Single copy price: $20.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Calvin Gomez, ASME; gomezc@asme.org

BSR/ASME Y14.8-200x, Castings, Forgings and Molded Parts (revision and redesignation of ANSI/ASME Y14.8M-1996 (R2002))

Covers definitions of terms and features unique to casting, forging and molded part technologies with recommendations for their uniform specification on engineering drawings and related documents. Unless otherwise specified, any reference to features, parts or processes shall be interpreted as applying to castings, forgings and molded parts. Castings, forgings and molded parts are delineated as "parts" throughout the Standard.

Single copy price: $40.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Calvin Gomez, ASME; gomezc@asme.org

Supplements

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

Applies to plumbing supply fittings and accessories located between the supply line stop and the terminal fitting, inclusive, as follows:
(a) Automatic compensating valves for individual wall-mounted showering systems;
(b) Bath and shower supply fittings;
(c) Bidet supply fittings;
(d) Clothes washer supply fittings;
(e) Drinking fountain supply fittings;
(f) Humidifier supply stops;
(g) Kitchen, sink, and lavatory supply fittings;
(h) Laundry tub supply fittings;
(i) Lawn and sediment faucets;
(j) Metering and self-closing supply fittings; and
(k) Supply stops.

Single copy price: $20.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Calvin Gomez, ASME; gomezc@asme.org

AWWA (American Water Works Association)

Revisions

BSR/AWWA C560-200x, Cast-Iron Slide Gates (revision of ANSI/AWWA C560-2001)

Describes vertically mounted, cast-iron slide gates designed for either seating head or unseating head, or both, in ordinary water-supply service. The cast-iron slide gates have machined metal faces and machined adjustable wedging devices. The cast-iron slide gates may be used for square, rectangular, or round openings. They may be of the conventional-closure or the flush-bottom-closure type. This standard also describes manual slide gate actuator mechanisms together with standard accessories.

Single copy price: $20.00

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

Send comments (with copy to BSR) to: Same

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

BSR/IEEE 829-200x, Standard for Software and System Test Documentation (new standard)

Applies to all software-based systems. This standrd applies to systems and software being developed, acquired, operated, maintained, and/or reused. When conducting the test process, it is important to examine the software in its interactions with the other parts of the system. This standard identifies the system considerations that test processes and tasks address in determining system and software correctness and other attributes, and the applicable resultant test documentation. This document is intended to for the basis for or be included in a standard by ISO/IEC JTC1.

Single copy price: N/A

Order from: IEEE Customer Service; phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE 1594-200x, Standard for Helically-Applied Fiber Optic Cable Systems (WRAP Cable) for Use on Overhead Utility Lines (new standard)

Covers an all-dielectric fiber optic (WRAP) cable, designed to be helically wrapped around a conductor or other messenger on overhead power facilities. This covers the mechanical, electrical, and optical performance, installation guidelines, acceptance criteria, test requirements, environmental considerations, packaging and shipping guidelines and accessories.

Single copy price: N/A

Order from: IEEE Customer Service; phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE 1631-200x, Recommended Practice for Measurement of 8-VSB Digital Television Transmission Mask Compliance for the USA (new standard)

Provides a standardized body of theory, techniques and procedures for measuring the spectral characteristics of 8-VSB transmitters used for terrestrial transmission of digital television (DTV) in the frequency range near their assigned Channels. Essential characteristics are specified and measurement procedures are given that ensure that all parties will obtain comparable results.

Single copy price: N/A

Order from: IEEE Customer Service; phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE 1633-200x, Recommended Practice on Software Reliability (new standard)

Prescribes the methods for assessing and predicting the reliability of software, based on a life-cycle approach to software reliability engineering. It provides information necessary for the application of software reliability measurement to a project, lays a foundation for building consistent methods, and establishes the basic principle for collecting the data needed to assess and predict the reliability of software.

Single copy price: N/A

Order from: IEEE Customer Service; phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE 1900.2-200x, Recommended Practice for the Analysis of In-Band and Adjacent Band Interference and Coexistence Between Radio Systems (new standard)

Provides technical guidelines for analyzing the coexistence or, alternatively, the interference between radio systems, operating in the same spectrum assignment or between different spectrum assignments.

Single copy price: N/A

Order from: IEEE Customer Service; phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE 2600-200x, Information Technology: Hardcopy Device and System Security (new standard)

Defines security requirements (all aspects of security including but not limited to authentication, authorization, privacy, integrity, device management, physical security and information security) for manufacturers, users and others on the selection, installation, configuration and usage of hardcopy devices and systems including printers, copiers, and multifunction devices and the computer systems that support these devices. This standard identifies security exposures for these hardcopy devices and systems and instructs manufacturers and software developers on appropriate security capabilities to include in their devices and systems and explains usage to users.

Single copy price: N/A

Order from: IEEE Customer Service; phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

Revisions

BSR/IEEE 686-200x, Standard Radar Definitions (revision of ANSI/IEEE 686-1997)

Provides radar definitions. The standard includes terms formerly found in IEEE std 172-1971, IEEE Standard Definitions of Navigation Aid Terms, with the exception of a few terms that are common in both fields, and new and updated terms. IEEE Std 172-1983 was withdrawn in 1983. As radar technology and literature evolve, new terms will be added and obsolete terms deleted.

Single copy price: N/A

Order from: IEEE Customer Service; phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE C57.13-200x, Standard Requirements for Instrument Transformers (revision of ANSI/IEEE C57.13-2003)

Intended for use as a basis for performance and interchangeability of equipment covered, and to assist in the proper selection of such equipment. Safety precautions are also addressed. It covers certain electrical, dimensional, and mechanical characteristics, and takes into consideration certain safety features of current and inductively coupled voltage transformers of types generally used in the measurement of electricity and the control of equipment associated with the generation, transmission, and distribution of alternating current.

Single copy price: N/A

Order from: IEEE Customer Service; phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE C57.21-200x, Standard Requirements, Terminology, and Test Code for Shunt Reactors Rated Over 500 kVA (revision of ANSI/IEEE C57.21-1991 (R2004))

Covers all oil-immersed or dry-type, single-phase or three-phase, outdoor or indoor shunt reactors rated over 500 kVA. This standard states terminology and general requirements and sets forth the basis for rating shunt reactors. Routine, design, and other tests are described. It also covers losses and impedance, temperature rise, dielectric tests, and insulation levels, as well as construction requirements for oil-immersed reactors and construction and installation requirements for dry-type reactors. This standard also covers thyristor controlled shunt reactors used in a static VAR compensator (SVC).

Single copy price: N/A

Order from: IEEE Customer Service; phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE C57.110-200x, 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)

Provides calculation methods to conservatively evaluate the feasibility for an existing installed dry-type or liquid-filled transformer, to supply nonsinusoidal load currents as a portion of the total load. It also provides necessary application information to assist in properly specifying a new transformer expected to carry a load, a portion of which is composed of nonsinusoidal load currents. It includes examples and reference annexes.

Single copy price: N/A

Order from: IEEE Customer Service; phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

Supplements

BSR/IEEE 1613a-200x, Environmental and Testing Requirements for Communications Networking Devices in Electric Power Substations - Amendment 1: Rated Altitude and Altitude Derating Factors (supplement to ANSI/IEEE 1613-2003)

Adds requirements to IEEE Std 1613-2003 relating to the altitude of installed communications networking devices, and the factors for dielectric power frequency tests and rated maximum ambient temperatures if the installation is above a specified altitude.

Single copy price: N/A

Order from: IEEE Customer Service; phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE C57.18.10a-200x, Standard Practices and Requirements for Semiconductor Power Rectifier Transformers - Amendment 1: Technical and Editorial Corrections (supplement to ANSI/IEEE C57.18.10-1998 (R2003))

Corrects errors and includes definitions that were missing in the published document. This standard includes semiconductor power rectifier transformers for dedicated loads rated:
(a) Single-phase 300 kW and above; and
(b) Three-phase 500 kW and above.
It excludes:
(c) Static precipatators;
(d) High-voltage converters for dc power tansmission; and
(e) Other non-linear loads.

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BSR/IEEE C62.11a-200x, Standard for Metal-Oxide Surge Arresters for AC Power Circuits (> 1 kV) - Amendment: Short-Circuit Tests for Station, Intermediate and Distribution Arresters (supplement to ANSI/IEEE C62.11-2005)

Provides new procedures for short-circuit testing of the station. Intermediate and distribution arresters would replace existing pressure-relief and short-circuit test procedures for these classes of arrester.

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Reaffirmations

BSR/IEEE 260.4-1996 (R200x), Letter Symbols and Abbreviations for Quantities Used in Acoustics (reaffirmation of ANSI/IEEE 260.4-1996 (R2002))

Covers letter symbols for physical quantities used in the science and technology of acoustics. Abbreviations for a number of acoustical levels and related measures that are in common use are also given. The symbols given in this standard are intended for all applications.

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BSR/IEEE 379-2000 (R200x), Standard Application of the Single-Failure Criterion to Nuclear Power Generating Station Safety Systems (reaffirmation of ANSI/IEEE 379-2000)

Covers the application of the single-failure criterion to the electrical power, instrumentation, and control portions of safety systems of nuclear power generating stations.

Single copy price: $62.00 (IEEE Members); $78.00 (Non-members)

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BSR/IEEE 420-1982 (R200x), Design and Qualification of Class 1E Control Boards, Panels, and Racks Used in Nuclear Power Generating Stations (reaffirmation of ANSI/IEEE 420-1982)

Specifies the design requirements for new and/or modified Class 1E control boards, panels, and racks and establishes the methods to verify that these requirements have been satisfied.

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BSR/IEEE 644-1994 (R200x), Standard Procedures for Measurement of Power Frequency Electric and Magnetic Fields from AC Power Lines (reaffirmation of ANSI/IEEE 644-1994 (R2002))

Establishes the uniform procedures for the measurement of power-frequency electric and magnetic fields from alternating-current (ac) overhead power lines and for the calibration of the meters used in these measurements.

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BSR/IEEE 859-2002 (R200x), Standard Terms for Reporting and Analyzing Outage Occurrences and Outage States of Electrical Transmission Facilities (reaffirmation of ANSI/IEEE 859-2002)

Defines the terminology and indices for reporting and analyzing outage occurrences of transmission facilities.

Single copy price: N/A

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BSR/IEEE 1149.1-2001 (R200x), Standard Test Access Port and Boundary Scan Architecture (reaffirmation of ANSI/IEEE 1149.1-2001)

Defines the circuitry that may be built into an integrated circuit to assist in the test, maintenance, and support of assembled printed circuit boards. The circuitry includes a standard interface through which instructions and test data are communicated.

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BSR/IEEE 1178-1991 (R200x), Scheme Programming Language (reaffirmation of ANSI/IEEE 1178-1991 (R2002))

Specifies the representation of Scheme programs, their syntax, the semantic rules for interpreting them, and the representation of data to be input or output by them.

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BSR/IEEE 1523-2002 (R200x), Guide for the Application, Maintenance, and Evaluation of Room Temperature Vulcanising (RTV) Silicone Rubber Coatings for Outdoor Ceramic Insulators (reaffirmation of ANSI/IEEE 1523-2002)

Presents various important aspects that are needed for satisfactory long-term performance of High-Voltage Insulator Coatings (HVIC). This standard also describes various possible application scenarios, maintenance issues on coated insulators, factors affecting long-term performance, the question of aging, laboratory-accelerated tests, and functional outdoor evaluation.

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BSR/IEEE 1541-2002 (R200x), Standard Prefixes for Binary Multiples (reaffirmation of ANSI/IEEE 1541-2002)

Defines names and letter symbols for prefixes that denote multiplication of a unit by the binary multiplier 2^10n, where n = 1, 2, 3, 4, 5, or 6. Although the prefixes may be used with all units in all fields where multiplication by a binary multiplier is found to be appropriate, their primary use is in the field of information technology.

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BSR/IEEE C37.14-2002 (R200x), Low-Voltage DC Power Circuit Breakers Used in Enclosures (reaffirmation of ANSI/IEEE C37.14-2002)

Covers certain types of enclosed low-voltage dc power circuit breakers. This standard deals with service conditions, ratings, functional components, temperature limitations and classification of insulating materials, dielectric withstand voltage requirements, test procedures, and application.

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BSR/IEEE C37.48.1-2002 (R200x), Guide for the Operation, Classification, Application, and Coordination of Current-Limiting Fuses with Rated Voltages 1-38kV (reaffirmation of ANSI/IEEE C37.48.1-2002)

Provides additional guidelines for application and coordination of high-voltage power- and distribution-class current-limiting fuses.

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BSR/IEEE C57.12.32-2002 (R200x), Submersible Equipment - Enclosure Integrity (reaffirmation of ANSI/IEEE C57.12.32-2002)

Covers conformance tests and requirements for the integrity of carbon steel and copper-bearing steel submersible electrical enclosures intended for installation in submerged or partially submerged environments.

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BSR/IEEE C57.105-1992 (R200x), Guide for Application of Transformer Connections in Three-Phase Distribution Systems (reaffirmation of ANSI/IEEE C57.105-1992 (R1999))

Applies to transformer connections in 3-phase distribution systems. The characteristics of the various transformer connections and possible operating problems under normal or abnormal conditions are treated.

Single copy price: $48.00 (IEEE Members); $60.00 (Non-members)

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BSR/IEEE C57.109-1985 (R200x), Guide for Liquid-Immersed Transformer Through-Fault-Current Duration (reaffirmation of ANSI/IEEE C57.109-1985)

Sets forth recommendations believed essential for the application of overcurrent protective devices applied to limit the exposure time of transformers to short circuit current. Transformer coordination curves are presented for four categories of transformers. There is no intent to imply overload capability.

Single copy price: $74.00 (IEEE Members); $93.00 (Non-members)

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BSR/IEEE C57.119-2002 (R200x), Recommended Practice for Performing Temperature Rise Tests on Oil-Immersed Power Transformers at Loads Beyond Nameplate Ratings (reaffirmation of ANSI/IEEE C57.119-2002)

Covers temperature rise test procedures for determining those thermal characteristics of power transformers needed to appraise the transformer's load-carrying capabilities at specific loading conditions other than rated load.

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BSR/IEEE C95.4-2002 (R200x), 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)

Provides recommended practices for the prediction and practical determination of safe distances from radio and radar transmitting antennas when using electric blasting caps to remotely detonate an explosive charge.

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Corrections

Clarification of Scope of BSR/UL 924-200x

Due to a formatting problem, the scope of BSR/UL 924-200x, which appeared in the Call-for Comment section of the April 4, 2008 issue of Standards Action, was unclear. The title and correct scope are as follows:

BSR/UL 924-200x, Emergency Lighting and Power Equipment (revision of ANSI/UL 924-2006)

Revised definitions for automatic load control relay and central station battery lighting and power systems; new definition for floor proximity exit sign; revision of test method for standby rating input test; proposal to revise photoluminescent sign conditioning and activation levels; delete requirement that photoluminescent signs in accordance with Supplement G are for use only indoors, require overload and endurance testing of relays; and add required marking of relays based on type of load.

The text of the changes is reprinted on pages 33 - 34 of this issue of Standards Action. The comment deadline remains May 4, 2008.

Topic Withdrawn

BSR/UL 325

In the Call-for-Comment Section of the March 28, 2008 issue of Standards Action, BSR/UL 325 was listed with three topics open for comment. Please note that the topic "Clarification of the Intent of the Inherent Secondary Entrapment Protection," is being withdrawn, and should no longer be considered open for comment. The following topics remain open for comment:
(1) Addition of Requirements for Pedestrian Doors for Motion Detectors and System Approaches.
(2) Deletion of Dated References.

Call for Comment Contact Information

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

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Fax: (202) 872-9354

E-mail: jmoyer@aham.org

BSR/AHAM AC-2-2006 (R200x), Method for Sound Testing of Portable Household Electric Room Air Cleaners (reaffirmation of ANSI/AHAM AC-2-2006)

API (American Petroleum Institute)

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

Contact: *Carriann Kuryla*

Phone: (202) 682-8565

Fax: (202) 962-4797

E-mail: kurylac@api.org

BSR/API RP 10B-6/ISO 10426-6-200x, Recommended Practice on Methods for determining the static gel strength of cement formulations (identical national adoption of ISO 10426-6)

BSR/API Standard 754-200x, Process Safety Performance Indicators for the Refining and Petrochemical Industries (new standard)

BSR/API Standard 755-200x, Fatigue Prevention Guidelines for the Refining and Petrochemical Industries (new standard)

ASA (ASC S3) (Acoustical Society of America)

Office: 35 Pinelawn Road Suite 114E
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Contact: *Susan Blaeser*

Phone: (631) 390-0215

Fax: (631) 390-0217

E-mail: sblaeser@aip.org; asastds@aip.org

BSR/ASA S3/SC1.1-200x, Animal Bioacoustics Terminology (new standard)

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BSR/BHMA A156.16-200x, Auxiliary Hardware (revision and redesignation of ANSI/BHMA A156.16-2002)

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Contact: *Richard Driscoll*

Phone: (616) 285-3963

Fax: (616) 285-3765

E-mail: rdriscol@bifma.org

BSR/BIFMA X5.11-200x, General-Purpose Heavy Load Office Chairs - Tests (new standard)

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Phone: (973) 267-9700

Fax: (973) 267-9055

E-mail: kanderson@pumps.org

BSR/HI 1.1-1.2-200x, Rotodynamic (Centrifugal) Pumps for Nomenclature and Definitions (revision of ANSI/HI 1.1-1.2-2000)

BSR/HI 2.1-2.2 -200x, Rotodynamic (Vertical) Pumps for Nomenclature and Definitions (revision of ANSI/HI 2.1-2.2-2000)

BSR/HI 2.4-200x, Rotodynamic (Vertical) Pumps for Installation, Operation and Maintenance (revision of ANSI/HI 2.4-2000)

BSR/HI 3.6-200x, Rotary Pump Test (revision of ANSI/HI 3.6-2000)

BSR/HI 9.6.5-200x, Rotodynamic (Centrifugal and Vertical) Pumps for Condition Monitoring (revision of ANSI/HI 9.6.5-2000)

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Contact: *James Peyton*

Phone: (914) 285-4933

Fax: (914) 285-4937

E-mail: jamesp@i3a.org

BSR/I3A IT2.37-2001 (R200x), Photographic Technology - Print Grain Index - An Assessment of Print Graininess from Color Negative Films (reaffirmation of ANSI/PIMA IT2.37-2001)

BSR/ISO 3665-1996, BSR/I3A IT2.49-1997 (R200x), Photography - Intra-oral dental radiographic film - Specifications (reaffirmation and redesignation of ANSI/ISO 3665-1996, ANSI/NAPM IT2.49-1997)

NFPA2 (National Fluid Power Association)

Office: 3333 N. Mayfair Road
Suite 211
Milwaukee, WI 53222

Contact: *Carrie Tatman Schwartz*

Phone: (414) 778-3347

Fax: (414) 778-3361

E-mail: ctschwartz@nfpa.com

BSR/(NFPA) T3.6.7R3-200x, Fluid power systems and products - Square head industrial cylinders - Mounting dimensions (revision of ANSI/(NFPA) T3.6.7R2-1996 (R2004))

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.

ABYC (American Boat and Yacht Council)

New Standards

ANSI/ABYC H-40-2008, Anchoring, Mooring and Strong Points (new standard): 4/11/2008

AGA (ASC B109) (American Gas Association)

Reaffirmations

ANSI B109.1-2000 (R2008), Diaphragm-Type Gas Displacement Meters (Under 500 Cubic Feet Per Hour Capacity) (reaffirmation of ANSI B109.1-2000): 4/14/2008

ANSI B109.2-2000 (R2008), Diaphragm-Type Gas Displacement Meters (500 Cubic Feet Per Hour Capacity and Over) (reaffirmation of ANSI B109.2-2000): 4/14/2008

ANSI B109.3-2000 (R2008), Rotary-Type Gas Displacement Meters (reaffirmation of ANSI B109.3-2000): 4/14/2008

ANSI B109.4-1998 (R2008), Self-Operated Diaphragm-Type Natural Gas Service Regulators (reaffirmation of ANSI B109.4-1998): 4/14/2008

AGA (ASC Z380) (American Gas Association)

Revisions

ANSI/GPTC Z380.1-2003 Addendum No. 10-2008, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI/GPTC Z380.1-2003): 4/11/2008

ASME (American Society of Mechanical Engineers)

Reaffirmations

ANSI/ASME B5.10-1994 (R2008), Machine Tapers (reaffirmation of ANSI/ASME B5.10-1994 (R2002)): 4/14/2008

ANSI/ASME B5.11-1964 (R2008), Spindle Noses and Adjustable Adaptors for Multiple Spindle Drilling Heads (reaffirmation of ANSI/ASME B5.11-1964 (R2002)): 4/14/2008

ANSI/ASME B5.35-1983 (R2008), Machine Mounting Specifications for Abrasive Discs and Plate Mounted Wheels (reaffirmation of ANSI/ASME B5.35-1983 (R2002)): 4/14/2008

ANSI/ASME B5.40-1977 (R2008), Spindle Noses and Tool Shanks for Horizontal Boring Machines (reaffirmation of ANSI/ASME B5.40-1977 (R2002)): 4/14/2008

ANSI/ASME B5.47-1972 (R2008), Milling Machine Arbor Assemblies (reaffirmation of ANSI/ASME B5.47-1972 (R2002)): 4/14/2008

ANSI/ASME B5.48-1977 (R2008), Ball Screws (reaffirmation of ANSI/ASME B5.48-1977 (R2002)): 4/14/2008

ANSI/ASME B5.51M-1979 (R2008), Preferred SI Units for Machine Tools (reaffirmation of ANSI/ASME B5.51M-1979 (R2002)): 4/14/2008

ANSI/ASME B5.55M-1994 (R2008), Specification and Performance Standard, Power Press Brakes (reaffirmation of ANSI/ASME B5.55M-1994 (R2002)): 4/14/2008

Withdrawals

ANSI/ASME B5.49-1998, Press Terms, Glossary of Mechanical (withdrawal of ANSI/ASME B5.49-1998 (R2004)): 4/14/2008

HL7 (Health Level Seven)

New Standards

ANSI/HL7 CMS USPP, R1-2008, HL7 Clinical Context Management Specification (CCOW) User Authentication Protection Package, Release 1 (new standard): 4/11/2008

IEEE (Institute of Electrical and Electronics Engineers)

Reaffirmations

ANSI/IEEE 295-1969 (R2007), Standard for Electronics Power Transformers (reaffirmation of ANSI/IEEE 295-1969 (R2000)): 4/14/2008

ANSI/IEEE 436-1991 (R2007), Guide for Making Corona (Partial Discharge) Measurements on Electronics Transformers (reaffirmation of ANSI/IEEE 436-1991 (R1998)): 4/14/2008

ANSI/IEEE 1483-2000 (R2007), Standard for Verification of Vital Functions in Processor-Based Systems Used in Rail Transit Control (reaffirmation of ANSI/IEEE 1483-2000): 4/14/2008

Revisions

ANSI/IEEE C57.93-2007, Guide for Installation and Maintenance of Liquid-Immersed Power Transformers (revision of ANSI/IEEE C57.93-1995 (R2001)): 4/14/2008

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

Reaffirmations

ANSI IT8.7/1-1993 (R2008), Graphic technology - Color transmission target for input color calibration (reaffirmation of ANSI IT8.7/1-1993 (R2003)): 4/14/2008

ANSI IT8.7/2-1993 (R2008), Graphic technology - Color reflection target for input color calibration (reaffirmation of ANSI IT8.7/2-1993 (R2003)): 4/14/2008

NSF (NSF International)

Revisions

ANSI/NSF 2-2008 (i4), Food Equipment (revision of ANSI/NSF 2-2002): 3/31/2008

UL (Underwriters Laboratories, Inc.)

Reaffirmations

ANSI/UL 1715-2003 (R2008), Standard for Safety for Fire Test of Interior Finish Material (reaffirmation of ANSI/UL 1715-2003): 4/7/2008

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)

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

Contact: *Carriann Kuryla*

Fax: (202) 962-4797

E-mail: kurylac@api.org

BSR/API RP 10B-6/ISO 10426-6-200x, Recommended Practice on Methods for Determining the Static Gel Strength of Cement Formulations (identical national adoption of ISO 10426-6)

Stakeholders: Makers and users of well cements.

Project Need: To create an inudstry standard.

Specifies requirements and provides test methods for the determination of static gel strength (SGS) of cement slurries and related materials under simulated well conditions.

API (American Petroleum Institute)

Office: 1220 L Street, NW
Washington, DC 20005-4070

Contact: *David Soffrin*

Fax: (202) 682-8051

E-mail: soffrind@api.org

BSR/API Standard 754-200x, Process Safety Performance Indicators for the Refining and Petrochemical Industries (new standard)

Stakeholders: Refining and petrochemical industry owners/operators; labor unions; government agencies; academia.

Project Need: U.S. Chemical Safety Board Recommendation CSB 2005-04-I-TX-R6 requires the development of a standard that creates performance indicators for process safety in the refining and petrochemical industries

Creates performance indicators for process safety for the refining and petrochemical industries.

BSR/API Standard 755-200x, Fatigue Prevention Guidelines for the Refining and Petrochemical Industries (new standard)

Stakeholders: Refining and petrochemical industry owners/operators; labor unions; government agencies; academia.

Project Need: U.S. Chemical Safety Board Recommendations CSB 2005-04-I-TX-R7 requires the development of a standard for fatigue prevention guidelines for the refining and petrochemical industries.

Develops fatigue prevention guidelines for the refining and petrochemical industries.

ASA (ASC S1) (Acoustical Society of America)

Office: 35 Pinelawn Road Suite 114E
Melville, NY 11747

Contact: *Susan Blaeser*

Fax: (631) 390-0217

E-mail: sblaeser@aip.org; asastds@aip.org

BSR/ASA S1.20-200x, Procedures for Calibration of Underwater Electroacoustic Transducers (revision and redesignation of ANSI S1.20-1988 (R2003))

Stakeholders: U.S. Government Agencies, military organizations, DoD, DoD contractors, educational institutions.

Project Need: To update the standard in light of new acoustic materials in use and newer data acquisition means that are available. This standard is the guideline in use within the underwater acoustic community. It provides a common language and a set of standard procedures for the calibration of underwater acoustic devices.

Establishes measurement protocols for testing/calibrating underwater electroacoustic transducers and testing for a material's acoustic performance; this standard also describes forms for presenting the resultant data.

ASA (ASC S3) (Acoustical Society of America)

Office: 35 Pinelawn Road Suite 114E
Melville, NY 11747

Contact: *Susan Blaeser*

Fax: (631) 390-0217

E-mail: sblaeser@aip.org; asastds@aip.org

BSR/ASA S3/SC1.1-200x, Animal Bioacoustics Terminology (new standard)

Stakeholders: Scientific researchers in all branches of science concerned with animal bioacoustics.

Project Need: There is increasing interest in the science of animal bioacoustics among regulatory agencies, industry, and researchers. Researchers come from various areas of science (biology, ecology, acoustics, physics, engineering and others) and do not always share a common scientific language. This document will help unify the language used in their publications.

Provides terms, definitions, and acoustical notation used in animal bioacoustics.

BSR/ASA S3/SC1.2-200x, Underwater Passive Acoustic Monitoring for Bioacoustic Applications (new standard)

Stakeholders: Federal and state regulatory agencies concerned with sound generated in the ocean by human activity.

Project Need: To aid the study of the impact of anthropogenic sound on aquatic animals, which is of increasing interest to regulatory agencies and also to industry and the military.

Provides a set of requirements for the information to be documented while recording acoustic data at sea (metadata requirements), the minimum information to be included when reporting the results, and specifies metrics to be used when summarizing the features of an acoustic signal. A set of recommended "best-practice" procedures and equipment capabilities is included as an informative annex.

ASQ (ASC Z1) (American Society for Quality)

Office: 600 N. Plankinton Ave
Milwaukee, WI 53203

Contact: *Jeffrey Berens*

Fax: 414-272-1734

E-mail: standards@asq.org

BSR/ISO/ASQ 9001-200x, Quality management systems - Requirements (identical national adoption of ISO 9001-200X)

Stakeholders: Industry, government, academia, NGO, and service providers.

Project Need: To adopt ISO 9001-200X as an American National Standard.

Specifies requirements for a QMS where an organization needs to demonstrate its ability to consistently provide product that meets customer and applicable statutory and regulatory requirements, and aims to enhance customer satisfaction through the effective application of the system, including processes for continual improvement of the system and the assurance of conformity to customer and applicable statutory and regulatory requirements.

BIFMA (Business and Institutional Furniture Manufacturers Association)

Office: 2680 Horizon Drive, S.E., Suite 1-A
Grand Rapids, MI 49546-7500

Contact: *Richard Driscoll*

Fax: (616) 285-3765

E-mail: rdriscol@bifma.org

BSR/BIFMA X5.11-200x, General-Purpose Heavy Load Office Chairs - Tests (new standard)

Stakeholders: Office furniture manufacturers, testing labs, furniture designers and specifiers.

Project Need: To create office seating that is constructed to handle the heavier loads and stresses.

Provides manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of general-purpose office chairs for use by persons weighing up to 500 lbs. General-purpose office chairs are normally used in an office environment and may include those seating styles referred to as: executive/management, task/secretarial, side/guest chairs, stacking chairs, tablet arm chairs and stools. This standard describes the means of evaluating general-purpose office chairs, independent of construction materials, manufacturing processes, mechanical designs or aesthetic designs.

EOS/ESD (ESD Association, Inc.)

Office: 7900 Turin Road
Rome, NY 13440

Contact: *Bridget Schneegas*

Fax: 315-339-6793

E-mail: bschneegas@esda.org

BSR/ESD WIP5.6-200x, System Level Testing of ICs and Components (new standard)

Stakeholders: Electronics industry including telecom, consumer, medical and industrial.

Project Need: To establish a test method for stressing pins of electrical components such as integrated circuits, protection elements, or filters that will be directly connected to external ports of a system and may be subjected to a system level type ESD stress waveform.

Establishes the procedure for testing and characterizing the electrostatic discharge (ESD) sensitivity of component pins that will be directly connected to external connectors or ports on a completed system. This method is not intended for ESD testing of device, module, or component pins that do not directly connect to a system port or connector. This standard covers testing under un-powered and powered states but does not cover testing of integrated circuits in a functioning state. For the purposes of this Standard Practice, the ESD pulse will be modeled after the contact discharge defined by the IEC 61000-4-2 document.

HPS (ASC N13) (Health Physics Society)

Office: 1313 Dolley Madison Blvd, Suite 402
McLean, VA 22101

Contact: *Nancy Johnson*

Fax: 703-790-2672

E-mail: njohnson@burkinc.com

BSR N13.11-200x, Personnel Dosimetry Performance - Criteria for Testing (revision of ANSI N13.11-2001)

Stakeholders: Anyone who wears a radiation monitor; calibration laboratories; and dosimeter processors.

Project Need: To establish the test conditions and performance criteria for evaluating personnel dosimetry systems.

Applies to dosimetry systems used to determine personal dose equivalent for occupational conditions and absorbed dose for accident conditions. Tests are conducted under controlled conditions and include irradiation with photons, beta particles, neutrons and selected mixtures of these radiations.

SCTE (Society of Cable Telecommunications Engineers)

Office: 140 Philips Road
Exton, PA 19341

Contact: *Rebecca Quartapella*

Fax: 610-363-5898

E-mail: rquartapella@scte.org

BSR/SCTE IPS TP 417-200x, Test Procedure for F-Connector Center Conductor Retention Force (new standard)

Stakeholders: Cable telecommunications industry.

Project Need: To create a new standard.

Specifies how to measure the retention force of the contact on the center conductor. IPS SP 209 has a mechanical requirement for the retention force of the center conductor, but there is currently no test procedure.

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
- MHI (ASC MH10)
- NBBPVI
- NCPDP
- NSF International
- 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 Draft International Standards

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

Comments

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

Ordering Instructions

ISO Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO 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.

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 22089, Aerospace - Hydraulic power transfer units - General specifications - 7/13/2008, $119.00

COMPRESSORS, PNEUMATIC TOOLS AND PNEUMATIC MACHINES (TC 118)

ISO/DIS 28927-1, Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 1: Angle and vertical grinders - 7/12/2008, $88.00

ISO/DIS 28927-3, Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 3: Polishers and rotary, orbital and random orbital sanders - 7/12/2008, $77.00

ISO/DIS 28927-2, Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 2: Wrenches, nut runners and screwdrivers - 7/12/2008, $107.00

ISO/DIS 28927-6, Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 6: Rammers - 7/12/2008, $67.00

ISO/DIS 28927-8, Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 8: Saws, polishing and filing machines with reciprocating action and saws with oscillating or rotating action - 7/12/2008, $71.00

ISO/DIS 28927-9, Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 9: Scaling hammars and needle scalers - 7/12/2008, $58.00

FASTENERS (TC 2)

ISO/DIS 3506-1, Mechanical properties of corrosion-resistant stainless-steel fasteners - Part 1: Bolts, screws and studs - 7/12/2008, $88.00

ISO/DIS 3506-2, Mechanical properties of corrosion-resistant stainless steel fasteners - Part 2: Nuts - 7/12/2008, $71.00

ISO/DIS 3506-3, Mechanical properties of corrosion-resistant stainless steel fasteners - Part 3: Set screws and similar fasteners not under tensile stress - 7/12/2008, $62.00

ISO/DIS 3506-4, Mechanical properties of corrosion-resistant stainless steel fasteners - Part 4: Tapping screws - 7/12/2008, $67.00

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

ISO/DIS 10423, Petroleum and natural gas industries - Drilling and production equipment - Wellhead and christmas tree equipment - 7/12/2008, $269.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 11980, Ophthalmic optics - Contact lenses and contact lens care products - Guidance for clinical investigations - 7/12/2008, $98.00

PLASTICS (TC 61)

ISO/DIS 11357-1, Plastics - Differential scanning calorimetry (DSC) - Part 1: General principles - 7/12/2008, $102.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 6209, Rubber compounding ingredients - Carbon black - Determination of solvent-extractable material - 7/13/2008, $46.00

SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)

ISO/DIS 21501-1, Determination of particle size distribution - Single particle light interaction methods - Part 1: Light scattering aerosol spectrometer - 7/13/2008, $88.00

TEXTILES (TC 38)

ISO 9867/DAmd1, Textiles - Evaluation of the wrinkle recovery of fabrics - Appearance method - Amendment 1 - 7/13/2008, $62.00

VALVES (TC 153)

ISO/DIS 10497, Testing of valves - Fire type-testing requirements - 7/12/2008, $71.00

Newly Published ISO Standards

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

FLOOR COVERINGS (TC 219)

ISO 26985:2008, Resilient floor coverings - Identification of linoleum and determination of cement content and ash residue, $46.00

FLUID POWER SYSTEMS (TC 131)

ISO 6194-5:2008, Rotary-shaft lip-type seals incorporating elastomeric sealing elements - Part 5: Identification of visual imperfections, $61.00

GAS CYLINDERS (TC 58)

ISO 4706-1:2008, Gas cylinders - Refillable welded steel cylinders - Part 1: Test pressure 60 bar and below, $114.00

HYDROMETRIC DETERMINATIONS (TC 113)

ISO 3454:2008, Hydrometry - Direct depth sounding and suspension equipment, $53.00

INTERNAL COMBUSTION ENGINES (TC 70)

ISO 8178-2:2008, Reciprocating internal combustion engines - Exhaust emission measurement - Part 2: Measurement of gaseous and particulate exhaust emissions under field conditions, $91.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO 14116:2008, Protective clothing - Protection against heat and flame - Limited flame spread materials, material assemblies and clothing, $53.00

ROAD VEHICLES (TC 22)

ISO 13837:2008, Road vehicles - Safety glazing materials - Method for the determination of solar transmittance, $80.00

SMALL CRAFT (TC 188)

ISO 12215-5:2008, Small craft - Hull construction and scantlings - Part 5: Design pressures for monohulls, design stresses, scantlings determination, $192.00

SMALL TOOLS (TC 29)

ISO 23481:2008, Tools for pressing - Cam driver plates, $40.00

WOOD-BASED PANELS (TC 89)

ISO 12460-3:2008, Wood-based panels - Determination of formaldehyde release - Part 3: Gas analysis method, $61.00

ISO 12460-4:2008, Wood-based panels - Determination of formaldehyde release - Part 4: Desiccator method, $53.00

ISO Technical Reports

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TR 24529:2008, Intelligent transport systems - Systems architecture - Use of unified modelling language (UML) in ITS International Standards and deliverables, $74.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 10373-7:2008, Identification cards - Test methods - Part 7: Vicinity cards, $102.00

ISO/IEC 14476-5:2008, Information technology - Enhanced communications transport protocol: Specification of N-plex multicast transport, $146.00

ISO/IEC 14496-3/Cor2:2008, Information technology - Coding of audio-visual objects - Part 3: Audio - Corrigendum, FREE

ISO/IEC 14496-3/Cor3:2008, Information technology - Coding of audio-visual objects - Part 3: Audio - Corrigendum, FREE

ISO/IEC 14496-3/Cor4:2008, Information technology - Coding of audio-visual objects - Part 3: Audio - Corrigendum, FREE

ISO/IEC 14496-3/Amd8:2008, Information technology - Coding of audio-visual objects - Part 3: Audio - Amendment 8: MP4FF box for original audio file information, $15.00

ISO/IEC 14496-3/Cor5:2008, Information technology - Coding of audio-visual objects - Part 3: Audio - Corrigendum, FREE

ISO/IEC 14496-4/Amd23:2008, Conformance testing for MPEG-4 - Amendment 23: Synthesized texture conformance, $15.00

ISO/IEC 14496-5/Amd13:2008, Reference software for MPEG-4 - Amendment 13: Geometry and shadow reference software, $15.00

ISO/IEC 14496-5/Amd1/Cor1:2008, Reference software for MPEG-4 - Amendment 1 - Corrigendum, FREE

ISO/IEC 14496-20/Cor2:2008, Information technology - Coding of audio-visual objects - Part 20: Lightweight Application Scene Representation (LASeR) and Simple Aggregation Format (SAF) - Corrigendum, FREE

ISO/IEC 15444-1/Cor2:2008, Codestream restrictions - Corrigendum, FREE

ISO/IEC 15938-5/Amd3:2008, Information technology - Multimedia content description interface - Part 5: Multimedia description schemes - Amendment 3: Improvements to geographic descriptor, $15.00

ISO/IEC 15938-7/Amd4:2008, Information technology - Multimedia content description interface - Part 7: Conformance testing - Amendment 4: Improvements to geographic descriptor conformance, $15.00

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 24729-1:2008, Information technology - Radio frequency identification for item management - Implementation guidelines - Part 1: RFID-enabled labels and packaging supporting ISO/IEC 18000-6C, $156.00

ISO/IEC TR 24729-2:2008, Information technology - Radio frequency identification for item management - Implementation guidelines - Part 2: Recycling and RFID tags, $108.00

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

Approval of Accreditation

American Composites Manufacturers Association (ACMA)

ANSI's Executive Standards Council has approved the reaccreditation of the of the American Composites Manufacturers Association (ACMA), an ANSI Organizational Member, under revised operating procedures for documenting consensus on proposed American National Standards, effective April 15, 2008. For additional information, please contact: Ms. Lauren McCaughey, CCT-A, CCT-1, Project Manager, Technical Services, Assistant Editor, Composites Research Journal, American Composites Manufacturers Association, 1010 N. Glebe Road, Suite 450, Arlington, VA 22201; PHONE: (703) 682-1662; FAX: (703) 525-0743; E-mail: lmccaughey@acmanet.org.

ANSI-ASQ National Accreditation Board

Call for Comment

ANAB Accreditation Rule I, Geographic Limitations of ANAB-Accredited Certification

Comment Deadline: May 18, 2008

Public comments are sought on draft ANAB Accreditation Rule I, Geographic Limitations of ANAB-Accredited Certification. Interested parties are invited to login to EQM at http://anab.remoteauditor.com/ to download the document and comment. (Note: A username and password are required. If you do not have a username and password for EQM, go to http://www.anab.org/UserRegistration/WebBallotUsers_Registration.aspx.) Please submit your comments by May 18, 2008.

International Organization for Standardization (ISO)

Assignment of New International (ISO) Secretariat

ISO/TC 34/SC 16 – Horizontal methods for the detection of molecular biomarkers in: foods; seeds and propagules of food crops; commodity food crops; fruits; vegetables and derived foods

Comment Deadline: May 9, 2008

ANSI has been advised the American Oil Chemists' Society (AOCS) wishes to serve as delegated ANSI Secretariat for the above ISO subcommittee

This SC is covered by the scope of the main Technical Committee (ISO/TC 34), having the following scope:

> Standardization in the field of human and animal foodstuffs as well as animal and vegetable propagation materials, in particular terminology, sampling, methods of test and analysis, product specifications and requirements for packaging, storage and transportation.
>
> Excluded: Products covered by ISO/TC 54 Essential oils and ISO/TC 93 Starch (including derivatives and by-products).

Anyone wishing to comment on the delegation of the International Secretariat to AOCS, please contact Henrietta Scully at ANSI via E-mail at hscully@ansi.org by May 9th.

International Electrotechnical Commission (IEC)

IEC Considering a New Field of Technical Activity

High-Voltage Direct-Current (HVDC) Transmission

The IEC National Committees have been invited to vote before 20 June 2008 on a proposal for a New Field of Technical Activity – High Voltage Direct Current (HVDC) Transmission Technical Committee to address development of IEC Standards for DC voltages above 100kV.

> **Draft Scope:** Standardization in the field of HVDC Transmission technology above 100kV. The contents encompass general standards, design, technical requirements in the field of HVDC equipment, construction and commissioning for acceptance, operation and maintenance, system control and protection.

The U S National Committee has been invited to indicate if it agrees with the scope proposed for this new IEC TC, if it wishes to register as a Participating Member and if it is interested in assignment as international Secretariat. If the USNC is to become a P Member, a Technical Advisory Group (TAG) will have to be established and a TAG Administrator will have to be assigned. If the USNC is to request assignment as Secretariat, an Administrative Secretariat will have to be appointed to serve for the USNC. If any entities are interested in either position, TAG Administrator or Administrative Secretariat, they are invited to contact Charlie Zegers, USNC General Secretary via E-Mail at czegers@ansi.org.

U.S. Technical Advisory Groups

Notice of Accreditation

ANSI U.S. TAG to ISO/TC 238, Solid Biofuels

ANSI's Executive Standards Council (ExSC) has approved the accreditation of the new U.S. TAG to ISO/TC 238, Solid biofuels, with the American Society of Agricultural and Biological Engineers (ASABE) appointed as TAG Administrator, effective April 11, 2008. For additional information, please contact: Mr. Scott Cedarquist, Director of Standards and Technical Activities, ASABE, 2950 Niles Road, St. Joseph, MI 49085-9659; PHONE: (269) 428-6331; FAX: (269) 429-3852; E-mail: cedarq@asabe.org.

NSF/ANSI 49-2007
Class II (laminar flow) biosafety cabinetry

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5.23.2 Internal cabinet supply/exhaust fan interlock alarm

When a cabinet contains both an internal downflow and exhaust fan, they shall be interlocked so that the downflow fan shuts off whenever the exhaust fan fails. An audible and visual alarm shall signal the failure. If the downflow fan fails, the exhaust fan shall continue to operate, and an audible and visual alarm shall signal the failure.

5.23.3 Type B exhaust alarm

Type B cabinets shall be exhausted by a remote fan. Once the cabinet is set or certified in its acceptable airflow range, audible and visual alarms shall be required to indicate a 20% loss of exhaust volume within 15 sec. The internal cabinet fan(s) shall be interlocked to shut off at the same time the alarms are activated.

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F.7.3.2 Interlocks

Supply fan interlock on type B~~2~~ cabinets:

a) Should be tested at time of alarm verification.

b) Reduce exhaust volume 20% once the cabinet is set or certified in its acceptable airflow range, and verify that audible and visual alarms indicate a 20% loss of exhaust volume within 15 sec. The internal cabinet fan(s) shall be interlocked to shut off at the same time the alarms are activated.

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NSF/ANSI 49-2007
Class II (laminar flow) biosafety cabinetry

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Annex F
(normative)

Field tests

• F.1 Field certification preconditions and intervals

This annex contains the field tests that define the methods and acceptance criteria that are appropriately applied for determining qualification for field certification of all Class II biological safety cabinets. These field certification procedures are intended to confirm that an installed cabinet evaluated under the current version of the Standard has met all design criteria contained in NSF/ANSI 49 and currently meets all criteria contained in this annex. All cabinets shall be field tested using the procedures described in NSF/ANSI 49, annex F – 2002, with the exception of the downflow velocity test. When the downflow velocity test is performed, the procedure by which the cabinet was certified should be used; however, the acceptance criteria outlined in the 2002 standard shall be applied. Downflow velocity readings shall be taken four inches above the bottom edge of the window only when so stated on the manufacturer's data plate label or when the manufacturers' data plate label indicates the cabinet was listed to NSF 49-2002 or later.

To ensure that all cabinet operating criteria contained in this annex continue to be met, each cabinet should be field tested at the time of installation and at least annually thereafter. In addition, recertification should be performed whenever HEPA filters are changed, maintenance repairs are made to internal parts, or a cabinet is relocated.[1] More frequent recertification should be considered for particularly hazardous or critical applications or workloads. It is customary for the person conducting the designated tests to affix to the cabinet a certificate of satisfactory performance when the cabinet meets all field test criteria.

Field certification of a cabinet is not intended to provide complete verification that the cabinet conforms to all of the requirements of NSF/ANSI 49.

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- [1] Microbiological equipment that has been used with microorganisms should be decontaminated prior to repair or replacement of components located in contaminated plenums, prior to cabinet relocation, and in some cases prior to recertification. See Annex G, Recommended Microbiological Decontamination Procedure. When equipment has been used with chemical or radioactive agents, appropriate protective clothing and safety procedures should be used during chemical decontamination.

Circulation System Components and Related Materials for Swimming Pools Spas, and Hot Tubs

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13 Ultraviolet light process equipment

13.1 General

Ultraviolet light process equipment covered by this section is intended for use in circulation systems of public and residential swimming pools and spas/hot tubs with hydrogen peroxide, chlorine, or bromine residual chemical. The residual chemical shall be easily and accurately measured by a field test kit. If a system is used with hydrogen peroxide, a maximum concentration of 35% solution in water shall be continuously fed to maintain a minimum residual of 20 mg/L. Otherwise, these systems shall be used in conjunction with not less than 1 ppm free chlorine or 2 ppm bromine.

13.2 Operating temperatures

The unit and all its components shall be designed to withstand a maximum operating temperature of 39 ± 1 °C (102 ± 2 °F).

13.3 Operational protection

Units shall be equipped with an automatic mechanism for shutting off the power to the ultraviolet (UV) light source whenever the cover is removed.

13.4 Life Test

Ultraviolet units shall be capable of operating 3000 continuous hours at or above ~~80% of the maximum pressure recommended by the manufacturer.~~ the minimum UV intensity for the average flow rate being utilized in the pool, based on the manufacturer's published specifications. At least one unit shall complete 3000 h, and a minimum 8000 satisfactory hours shall be accumulated among the three units. All tests shall be carried out at 39± 1 °C (102±2 °F) for spas or hot tubs. Maintenance according to the manufacturer's instructions, except parts replacement, shall be carried out during the test period.

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13.9 Head loss

The manufacturer shall make available a head loss claim for systems installed into the main line. The actual head loss shall not exceed the claimed head loss by more than 10%.

13.10 Hydrostatic Pressure Requirements

Ultraviolet light process equipment that normally operates under pressure shall show no evidence of rupture, leakage, burst, or permanent deformation when subjected to~~Units shall meet~~ a hydrostatic pressure ~~of~~ 1.5 times the manufacturer's maximum operating pressure ~~rating applied to all parts of the unit subject to pressure during operation~~(see annex F, section F.4).

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NSF International Standard for Dietary Supplements — Dietary supplements

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5.3.4 Natural toxins

Botanicals listed in annex A shall not contain aristolochic acid (limit of detection = 0.5 μg/gm).

5.3.5 Known adulterants

Products shall be evaluated to ensure they do not contain known adulterants including, but not limited to, the following:

- *Eleutherococcus senticosus* shall not contain *Periploca sepium* root.
- *Plantago lanceolata* shall not contain *Digitalis lanata* leaf.
- *Scutellaria lateriflora* shall not contain *Teucrium chamaedrys*.
- Stephania tetranda shall not contain Aristolochia fangchi.

5.3.6. Food Allergen Claims

Raw materials and finished products which claim the absence of specific allergens shall be evaluated in accordance with 7.5 and/or 8. Raw materials and finished products shall not contain specific proteins or other analyte(s) associated with the allergen at levels above the method detection limits.

5.3.7 Genetically Modified Organism (non-GMO) Claims

Claims that the product contains no genetically modified organisms (no GMO) shall be verified in accordance with 7.5 and/or 8.

5.3.~~6~~8 Other product claims

Claims that the product is free of a particular contaminant or substance shall be verified in accordance with 7.4 and/or 8.

5.4 Disintegration

Supplements shall be verified as meeting the requirements for disintegration when tested using the methods described in USP 25-NF 20. The minimum exposure time to immersion fluids shall not be less than 60 min. Chewables and liquid extracts are exempt from disintegration testing requirements.

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7.4 Test methods for chemical contaminants

Testing shall be performed based on USFDA's Method for Determination of Aristolochic Acid in Traditional Chinese Medicines and Dietary Supplements.

The most appropriate method shall be used to confirm claims for the product under evaluation. The source of these methods may include AOAC International, USP, EPA, FDA, AHP, European, German, Japanese monographs, INA, industry standards, etc. The use of any new method shall require that a validation be performed which includes an evaluation of specificity, linearity, reproducibility, spike recovery and method detection limit. More rigorous validation could follow according to the guidelines of ICH, FDA, CEN, GLP, AOAC, as appropriate.

Unless manufacturers have controls in place to assess the rancidity of oil ingredients, the following testing shall be performed. The Peroxide Value of the oil shall be tested according to AOAC Method 965.33 (which is equivalent to AOCS

8-53). The p-Anisidine Value of the oil shall be tested by AOCS Cd 18-90.[7] The Totox Number will be calculated as the sum of the p-Anisidine Value and two times the Peroxide Value.

7.5 Test methods for food allergens

7.5.1 Gluten

Testing shall be performed based on the RIDASCREEN Gliadin Enzyme Immunoassay for the quantitative analysis of gliadins and corresponding prolamines (Manufactured by r-Biopharm). The typical detection level for the testing of raw ingredients and finished products is 20 ppm or less.

7.5.2 Soy

Testing shall be performed based on the End-Point Polymerase Chain Reaction (PCR) method (licensed technology by Genetic ID) or equivalent. The typical detection level for testing, using this semi-quantitative method for raw ingredients and finished products, is 1.5 ng/g of DNA.

7.5.3 Milk

Testing shall be performed based on the Veratox Total Milk Allergen Immunoassay for the quantitative analysis of milk proteins (Manufactured by Neogen). The typical detection level for the testing of raw ingredients and finished products is 2.5 ppm.

7.5.4 Other food allergens

The most appropriate method shall be used to confirm claims for the product under evaluation. The source of these methods may include AOAC International, USP, EPA, FDA, AHP, European, German, Japanese pharmacopoeial monographs, INA, industry standards, etc. The use of any new method shall require that a validation be performed which includes an evaluation of specificity, linearity, reproducibility, spike recovery and method detection limit. More rigorous validation could follow according to the guidelines of ICH, FDA, CEN, GLP, AOAC, as appropriate.

7.6 Test method for genetically modified organisms

Testing shall be performed based on the End-Point Polymerase Chain Reaction (PCR) method (licensed technology by Genetic ID) or equivalent. The typical detection level for testing, using this semi-quantitative method for raw ingredients and finished products, is 0.01% GMO DNA.

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BSR/UL 60950-1-200x

1. Proposal to revise 4.7.1 (Reducing the risk of ignition and spread of flame) to include a reference to compliance with IEC TS 62441, "Accidentally caused candle flame ignition for audio/video, communication and information technology equipment," as an additional consideration for equipment that is intended to be used in the home and that may be accidentally ignited by an external candle flame

PROPOSAL

4.7.1 *Reducing the risk of ignition and spread of flame*

For equipment or a portion of equipment, there are two alternative methods of providing protection against ignition and spread of flame that could affect materials, wiring, wound components and electronic components such as integrated circuits, transistors, thyristors, diodes, resistors and capacitors.

Method 1 - Selection and application of components, wiring and materials that reduce the possibility of ignition and spread of flame and, where necessary, by the use of a **FIRE ENCLOSURE**. The appropriate requirements are detailed in 4.7.2 and 4.7.3. In addition, the simulated faults of 5.3.7 are applied, except for 5.3.7 c), when using this method.

NOTE 1 Method 1 may be preferred for equipment or that portion of equipment with a large number of electronic components.

Method 2 - Application of all of the simulated fault tests in 5.3.7. A **FIRE ENCLOSURE** is not required for equipment or that portion of equipment for which only Method 2 is used. In particular, 5.3.7 c) applies, which includes testing all relevant components in both **PRIMARY CIRCUITS** and **SECONDARY CIRCUITS**.

NOTE 2 Method 2 may be preferred for equipment or that portion of equipment with a small number of electronic components.

[D2] In addition to the application of Method 1 and Method 2 as appropriate, equipment that is intended to be used in the home and that may be accidentally ignited by an external candle flame shall be so designed that the likelihood of the spread of fire caused by ignition from a candle flame is reduced.

[D2] Compliance with the resistance to candle flame ignition requirements is checked according to IEC TS 62441.

[D2] NOTE 3 It is expected that IEC TS 62441 will be replaced by a standard in the future, at which time that standard becomes applicable.

Annex P – add a reference to IEC TS62441:

[DE] IEC TS 62441, *Technical Specification for Accidentally Caused Candle Flame Ignition for Audio/Video, Communication and Information Technology Equipment*

BSR/UL 924-200x

17. Revision of test method for standby rating input test

PROPOSAL

48.3 Equipment marked per 70.1.40 with a standby electrical rating is to be charged for ~~168 hours or~~ the minimum period of time for full recharge marked either on the product or in the instructions or other literature provided with the product. If the equipment is not marked or otherwise provided with a battery charge time specification, the battery is to be charged for 168 hours. After being charged, the input current and wattage are to be measured periodically or continuously monitored over a 24 - 48 hour period. The average of no less than six measurements evenly spaced over the time period shall be determined. The marked standby rating shall be not less than 90 percent of the average value measured.

32. Delete requirement that photoluminescent signs in accordance with Supplement G are for use only indoors

PROPOSAL

SG1.3 Photoluminescent signs evaluated in accordance with this Supplement are for indoor dry or damp locations where not exposed to direct unfiltered sunlight, liquids, or temperatures outside the range of 10 - 40°C (50 - 104°F).

Exception: Signs that have been tested in accordance with ~~41.1.12~~ SG4.1.3 are considered suitable for wet locations and are permitted to be marked accordingly

~~41.1.12 For exit signs evaluated and marked as "Suitable for wet locations", the samples subjected to either the Observation Visibility Test (41.2) or Luminance Measurement Test (41.3) shall be first subjected to the ultraviolet light exposure test conditions of the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C.~~

~~*Exception No. 1: Exit signs marked "Suitable for indoor wet locations".*~~

~~*Exception No. 2: Exit signs whose exposed background, legend and directional indicator materials are known to be resistant to the effects of ultraviolet radiation.*~~

36. Require overload and endurance testing of relays

PROPOSAL

5.3 A component shall be used in accordance with its recognized rating established for the intended conditions of use. Load control devices shall be rated for the type(s) of loads controlled.

~~**67A Overload and Endurance Test**~~

~~67A.1 Automatic load control relays shall be evaluated for the voltage, current and type of load they are intended to control.~~

~~67A.2 Evaluation shall be as specified in Components, Section 5.~~

37. Add required marking of relays based on type of load

PROPOSAL

68.1 The electrical ratings of emergency lighting and power equipment shall include:

a) For each input supply circuit, the following:

1) Input voltage;

2) Frequency expressed in hertz, Hz, cycles-per-second, cps, cycles/second, or c/s;

3) Maximum input expressed in:

i) Either amperes or watts for equipment having a power factor of 0.9 to 1.0;

ii) Either amperes or both watts and power factor for equipment having a power factor less than 0.9. The power factor shall be lagging unless marked leading; and

4) The number of phases or wires (if other than single phase).

Exception: An exit fixture intended to be directly connected to the supply source, without a transformer or a step down circuit, and using incandescent lamps need only be rated for voltage.

b) For each output circuit, the following:

1) Direct Current Output Circuits:

i) The maximum output current or wattage;

ii) The nominal system voltage; and

iii) The phrase "DC."

2) Alternating Current Output Circuits:

i) The maximum current or volt-ampere (VA) output. Low frequency inverters shall be rated in amperes or kW output at unity power factor;

ii) The nominal system voltage;

iii) The permissible load power factor range expressed in both lead and lag;

Exception: The permissible specific load types (tungsten, ballast, motor) shall be provided for automatic load control relays supplying remote loads.

iv) The number of phases or wires (if other than single phase); and

v) The frequency expressed in hertz, Hz, cycles-per-second, cps, cycles/second, or c/s.

c) For fuses - the maximum ampere rating of the fuse to be installed in each fuseholder provided as a part of the device.

~~70.1.42 Automatic load control relays or the load terminals they supply shall be marked with complete electrical ratings, including load type, for which the relay was evaluated.~~