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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

Comment Deadline: October 19, 2008

TIA (Telecommunications Industry Association)

Supplements

BSR/TIA 455-203-A-200x, Light Source Encircled Flux Measurement Method (supplement to ANSI/TIA 455-203-2001)

Characterizes the encircled flux of two types of light sources: transmission light sources, which are usually coherent and substantially under-excite the mode volume of a multimode fiber, and measurement light sources, which are incoherent and must excite most of the mode volume of a multimode fiber.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Teesha Jenkins, TIA;
tjenkins@tiaonline.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 142-200x, Standard for Safety for Steel Aboveground Tanks for Flammable and Combustible Liquids (revision of ANSI/UL 142-2007)

Revises a requirement so rectangular tanks are tested in the shop in the same manner as vertical tanks.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

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

BSR/UL 758-200x, Appliance Wiring Material (Proposal dated 9/19/08) (revision of ANSI/UL 758-2008)

Corrects the test temperature for 60 degree wet-rated wires in 35.1.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Linda Phinney, UL-CA,
Linda.L.Phinney@us.ul.com

Comment Deadline: November 3, 2008

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions

BSR/AAMI/ISO 10993-7-200x, Biological evaluation of medical devices - Part 7: Ethylene oxide sterilization residuals (identical national adoption and revision of ANSI/AAMI/ISO 10993-7-1995 (R2001))

Specifies allowable limits for residual ethylene oxide (EO) and ethylene chlorohydrin (ECH) in individual EO-sterilized medical devices, procedures for the measurement of EO and ECH, and methods for determining compliance so that devices may be released. Additional background, including guidance and a flowchart showing how this document is applied, are also included in the informative annexes. EO-sterilized devices that have no patient contact (e.g., in vitro diagnostic devices) are not covered by this part of ISO 10993.

Single copy price: Print: \$50.00 (AAMI members), \$95.00 (List); PDF: \$50.00 (AAMI members), \$95.00 (List)

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

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

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

Reaffirmations

BSR/AAMI/ISO 14155-1-2003 (R200x), Clinical investigation of medical devices for human subjects - Part 1: General requirements (reaffirmation of ANSI/AAMI/ISO 14155-1-2003)

Defines procedures for the conduct and performance of clinical investigation of medical devices.

Single copy price: Print: \$45.00 (AAMI members), \$90.00 (List); PDF: \$45.00 (AAMI members), \$90.00 (List)

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

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

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

BSR/AAMI/ISO 14155-2-2003 (R200x), Clinical investigation of medical devices for human subjects - Part 2: Clinical investigation plans (reaffirmation of ANSI/AAMI/ISO 14155-2-2003)

Covers clinical investigation plans for clinical investigation in human subjects of those medical devices whose clinical performance and safety needs assessment before being placed on the market (does not apply to in vitro diagnostic devices).

Single copy price: Print: \$45.00 (AAMI members), \$90.00 (List); PDF: \$45.00 (AAMI members), \$90.00 (List)

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

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

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

ADA (American Dental Association)

New National Adoptions

BSR/ADA Specification No. 119-200x, Manual Toothbrushes (national adoption with modifications of ISO 20126:2005 and ISO 22254:2005)

Specifies requirements and test methods for the physical properties of manual toothbrushes. Additionally, methods to determine resistance of the tufted portion of manual toothbrushes to deflection are included. Other devices such as interdental brushes and powered toothbrushes are outside the scope of this Standard.

Single copy price: \$44.00

Obtain an electronic copy from: standards@ada.org

Order from: standards@ada.org

Send comments (with copy to BSR) to: Same

AGA (ASC Z380) (American Gas Association)

Revisions

BSR GPTC Z380.1-2009 TR00-11-200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2003)

This standard provides new guidance material covering the directional drilling of plastic pipe.

Single copy price: Free

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

Order from: Paul Cabot, AGA; pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR04-44-200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2003)

Provides substantive revisions to previously proposed guide material on ECDA Requirements.

Single copy price: Free

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

Order from: Paul Cabot, AGA; pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR06-14-200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2003)

Provides additions, deletions, and revisions to guide material on uprating cast iron.

Single copy price: Free

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

Order from: Paul Cabot, AGA; pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR06-41-200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2003)

This standard provides additions and revisions to guide material on leakage survey audits.

Single copy price: Free

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

Order from: Paul Cabot, AGA; pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR07-10-200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2003)

Provides additions, deletions, and revisions to guide material on responding to excavation notification.

Single copy price: Free

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

Order from: Paul Cabot, AGA; pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR08-12-200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2003)

Provides additions and revisions to guide material on measuring a dent.

Single copy price: Free

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

Order from: Paul Cabot, AGA; pcabot@aga.org

Send comments (with copy to BSR) to: Same

ASA (ASC S2) (Acoustical Society of America)

Reaffirmations

BSR/ASA S2.29-2003 (R200x), Guide for the Measurement and Evaluation of Vibration of Machine Shafts on Shipboard Machinery (reaffirmation and redesignation of ANSI S2.29-2003)

Gives guidelines for applying shaft vibration evaluation criteria, under normal operating conditions, measured at or close to the bearings of large shipboard machines with oil film bearings, such as main propulsion turbines and gears, and turbo-generators. These guidelines are presented in terms of steady vibration amplitudes and changes in amplitudes which may occur in these steady values. They apply to acceptance tests for new machinery, and in-situ testing for monitoring purposes.

Single copy price: \$90.00

Obtain an electronic copy from: asastds@aip.org

Order from: Susan Blaeser, ASA; sblaeser@aip.org; asastds@aip.org

Send comments (with copy to BSR) to: Same

ASQ (ASC Z1) (American Society for Quality)

New National Adoptions

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

Specifies requirements for a quality management system where an organization (a) needs to demonstrate its ability to consistently provide product that meets customer and applicable statutory and regulatory requirements, and (b) 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.

Single copy price: \$52.00/\$65.00

Obtain an electronic copy from:

<http://www.asq.org/quality-press/display-item/index.html?item=T854E&xvl=76081787>

Order from:

<http://www.asq.org/quality-press/display-item/index.html?item=T854E&xvl=76081787>

Send comments (with copy to BSR) to: standards@asq.org

ATIS (Alliance for Telecommunications Industry Solutions)

New Standards

BSR ATIS 0600019-200x, Test Requirements for Pb-Free Subassembly Modules (new standard)

Specifies test requirements for Pb-free Subassembly Modules. Examples of these include but are not limited to power supply modules and optics modules that are later added to a higher level assembly. This document exclusively focuses on those RoHS items specific to the introduction of Pb-free components and does not address requirement for device-specific qualification.

Single copy price: \$58.00

Obtain an electronic copy from: kconn@atis.org

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

Send comments (with copy to BSR) to: Same

Revisions

BSR ATIS 0600334-200x, Electrical Protection of Communications Towers and Associated Structures (revision and redesignation of ANSI T1.334-2002)

Provides the minimum electrical protection, grounding, and bonding criteria necessary to mitigate the disruptive and damaging effects of lightning on communications towers and associated structures. It is intended to serve as a guide for designers or users of such facilities in the application of electrical protection, grounding, and bonding. Communications towers and the associated structures, by nature of their outdoor location, are often subject to disturbances from lightning.

Single copy price: \$96.00

Obtain an electronic copy from: kconn@atis.org

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

Send comments (with copy to BSR) to: Same

Reaffirmations

BSR ATIS 0100001-2004 (R200x), User Plane Security Guidelines and Requirements for ETS (reaffirmation of ANSI ATIS 0100001-2004)

Provides a set of user plane security guidelines and requirements for Emergency Telecommunications Services (ETS) over IP networks. The scope is intended to address security as it related to user plane performance, reliability, and availability of ETS.

Single copy price: \$58.00

Obtain an electronic copy from: kconn@atis.org

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

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BSR T1.501-1994 (R200x), Network Performance - Tandem Encoding Limits for 32-kbit/s Adaptive Differential Pulse-Code Modulation (ADPCM) (reaffirmation of ANSI T1.501-1994 (R2004))

Specifies the limitations on the maximum number of ITU-T Recommendation G.726 32-kbit/s adaptive differential pulse-code modulation (ADPCM) encodings allowable in 4-kHz voice-grade network connections. This allows for the realization of the possible economic advantages of ADPCM use while retaining quality transmission performance capability.

Single copy price: \$96.00

Obtain an electronic copy from: kconn@atis.org

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BSR T1.509-1995 (R200x), Packetized Circuit Multiplication Equipment - Interface Specification (reaffirmation of ANSI T1.509-1995 (R2004))

Standardizes the interface to packetized circuit multiplication equipment (PMCE). PMCE converts speech, voiceband data, facsimile, channel-associated signaling, common-channel signaling, video, and digital data information from channelized DS1 or Synchronous Optical Network (SONET) formats to LAPD-like frame format.

Single copy price: \$378.00

Obtain an electronic copy from: kconn@atis.org

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

Send comments (with copy to BSR) to: Same

BSR T1.510-1999 (R200x), Network Performance Parameters for Dedicated Digital Services for Rates Up to and Including DS3 - Specifications (reaffirmation of ANSI T1.510-1999 (R2004))

Applies to Dedicated Digital Services operating at nominal rates of 56/64 kbit/s, 1.544 Mbit/s and 44.736 Mbit/s with objectives based on the longest and most complex circuits. Dedicated Digital Services are characterized by established connections (i.e., no access or disengagement functions). The framework for this standard is provided by a companion standard: ANSI T1.503-1989, Network Performance Parameters for Dedicated Digital Services - Definitions and Measurement Methods.

Single copy price: \$108.00

Obtain an electronic copy from: kconn@atis.org

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

Send comments (with copy to BSR) to: Same

BSR T1.512-1994 (R200x), Network Performance - Point-to-Point Voice-Grade Special Access Network Voiceband Data Transmission Objectives (reaffirmation of ANSI T1.512-1994 (R2004))

Provides performance objectives for the two-way transmission path between the access provider's network interface to an end-user and an interexchange carrier's point of termination. This set of objectives will enable the provision of quality end-to-end performance for voiceband data voice-grade special services. This standard sets objectives for analog performance-related transmission parameters base on end-user needs and applications.

Single copy price: \$96.00

Obtain an electronic copy from: kconn@atis.org

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

Send comments (with copy to BSR) to: Same

BSR T1.519-1999 (R200x), Specifications for Transport of Generic Packets (including MPEG-2 Transport Packets) Over the DS Hierarchy (reaffirmation of ANSI T1.519-1999 (R2004))

Describes the methods and practices for the transmission of a type of generic packet data over the digital hierarchy.

Single copy price: \$58.00

Obtain an electronic copy from: kconn@atis.org

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

Send comments (with copy to BSR) to: Same

BSR T1.524-2004 (R200x), Reliability-Related Metrics and Terminology for Network Elements in Evolving Communications Networks (reaffirmation of ANSI T1.524-2004)

Defines reliability-related metrics, features, and terminology for communication networks to foster industry-wide consistent nomenclature and methodology when specifying and measuring reliability-related attributes.

Single copy price: \$58.00

Obtain an electronic copy from: kconn@atis.org

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

Send comments (with copy to BSR) to: Same

AWS (American Welding Society)

New Standards

BSR/AWS G2.3M/G2.3:200X, Guide for the Joining of Wrought Solid Solution Austenitic Stainless Steels (new standard)

Presents a description of wrought solid-solution austenitic stainless steels and the processes and procedures that can be used for the joining of these materials. This standard discusses the welding processes and welding parameters, qualifications, inspection and repair methods, cleaning and safety considerations. Practical information has been included in the form of figures, tables, and graphs, which should prove useful in determining capabilities and limitations in the joining of austenitic stainless steels.

Single copy price: \$58.00

Obtain an electronic copy from: roneill@aws.org

Order from: Rosalinda O'Neill, AWS; roneill@aws.org

Send comments (with copy to BSR) to: Andrew Davis, AWS; adavis@aws.org; roneill@aws.org

CSAA (Central Station Alarm Association)

New Standards

BSR/CSAA-CS-AUD-01-200x, Audio Verification Procedures for Burglar Alarms (new standard)

Defines monitoring procedures of burglar alarms by using the addition of audio and its transmission from the protected premises for the verification of alarm activity. The goal of this standard is to reduce the instances of false dispatches.

Single copy price: Free

Obtain an electronic copy from:

<http://www.ltfiore.com/files/CSAAAudioVerificationProceduresDraftVer202.pdf>

Send comments (with copy to BSR) to: Celia Besore, communications@csaaul.org

HPS (ASC N13) (Health Physics Society)

Revisions

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

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.

Single copy price: \$15.00

Obtain an electronic copy from: njohnson@burkinc.com

Order from: Nancy Johnson, HPS (ASC N13); njohnson@burkinc.com

Send comments (with copy to BSR) to: Same

SCTE (Society of Cable Telecommunications Engineers)

New Standards

BSR/SCTE 156-200x, Specification for Mainline Plug (Male) to Cable Interface (new standard)

Assures acceptable electrical, mechanical and environmental performance of the cable and connector interface. The scope of this standard will be directed to acceptable performance of impedance, galvanic action, loop resistance, cable retention, intermodulation distortion, signal response, RF shielding and watertight seals. This specification in no way should limit or restrict any manufacturers from innovative designs and product improvements.

Single copy price: \$50.00

Obtain an electronic copy from: Standards@scte.org

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

Send comments (with copy to BSR) to: Steve Oksala, standards@scte.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 1082-200x, Standard for Safety for Household Electric Coffee Makers and Brewing-Type Appliances (Proposal dated 9-19-08) (revision of ANSI/UL 1082-2005)

Proposal topics include:

- (1) Revision to the scope to clarify the voltage rating of appliances covered by UL 1082;
- (2) Revision to the resistance to grounding test to increase test current to 30 A;
- (3) Relocating and clarifying requirements for protection against injury; and
- (4) Other minor revisions.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Jonette Herman, UL-NC; Jonette.A.Herman@us.ul.com

BSR/UL 1236-200x, Standard for Safety for Battery Chargers for Charging Engine-Starter Batteries (Proposal dated 9-19-08) (revision of ANSI/UL 1236-2006)

Proposal topics includes:

- (1) Revision to cold bend requirements for output leads;
- (2) Transformer spacings;
- (3) Encapsulant used in lieu of spacings;
- (4) Securing grounding conductors to enclosure;
- (5) Non-continuous current rating temperature test;
- (6) Perforated metal and metal mesh barriers; and
- (7) Other minor revisions.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Jonette Herman, UL-NC; Jonette.A.Herman@us.ul.com

BSR/UL 1769-200x, Standard for Safety for Cylinder Valves (Proposals dated 9/19/08) (revision of ANSI/UL 1769-2006)

The following changes in requirements are being proposed:

- (1) Clarify scope of standard;
- (2) Add appendix for Standards for Components;
- (3) Add definition for LP-Gas;
- (4) Clarify material requirements;
- (5) Revise pressure measurement devices;
- (6) Handwheel-coupling nut interference;
- (7) Clarify pressure strength requirements;
- (8) Revise low temperature test requirements for LPG valves;
- (9) Clarify handwheel measurement;
- (10) Over-torque requirements; and
- (11) Clarify standard temperature and pressure conditions.

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: Marcia Kawate, UL-CA, Marcia.M.Kawate@us.ul.com

BSR/UL 2227-200x, Standard for Safety for Overfilling Prevention Devices (Proposals dated 9/19/08) (revision of ANSI/UL 2227-2008)

The following changes in requirements are being proposed:

- (1) Clarify test methods of the Seat Leakage Test;
- (2) Revise the Operation Test to reflect current test practices;
- (3) Clarify the Positive Shutoff Test;
- (4) Clarify the Endurance Test; and
- (5) Clarify the test methods and samples used in the Vibration Test.

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: Marcia Kawate, UL-CA, Marcia.M.Kawate@us.ul.com

BSR/UL 60745-2-4-200x, Hand-Held Motor-Operated Electric Tools - Safety - Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type (revision of ANSI/UL 60745-2-4-2006)

Proposes revisions to align with Amendment No. 1 for IEC 60745-2-4, second edition.

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: Beth Northcott, UL-IL; Elizabeth.Northcott@us.ul.com

BSR/UL 60745-2-6-200x, Hand-Held Motor-Operated Electric Tools - Safety - Part 2-6: Particular Requirements for Hammers (revision of ANSI/UL 60745-2-6-2006)

Proposes revisions to align with Amendment No. 2 for IEC 60745-2-6, second edition.

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: Beth Northcott, UL-IL; Elizabeth.Northcott@us.ul.com

Comment Deadline: November 18, 2008

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

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME B107.18-200x, Pliers Wire Twister (revision of ANSI/ASME B107.18-2003)

Provides performance and safety requirements for wire twister pliers, which are primarily used for securing safety wires. This Standard may be used as a guide by state authorities or other regulatory bodies in the formulation of laws or regulations. It is also intended for voluntary use by establishments that use or manufacture the tools.

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: Jack Karian, ASME; karianj@asme.org

EIA (Electronic Industries Alliance)

New Standards

BSR/EIA 364-04A-200x, Normal Force Test Procedure for Electrical Connectors (new standard)

Determines the magnitude of normal force being generated by a contact system at any given deflection within its normal operating levels.

Single copy price: \$30.00

Obtain an electronic copy from: global@ihs.com

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

Send comments (with copy to BSR) to: Cecelia Yates, EIA; cyates@ecaus.org

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 971-200x, Nonmetallic Underground Piping for Flammable Liquids (Proposal dated 9-19-08) (new standard)

New proposal for requirements that cover nonmetallic primary carrier, secondary containment, coaxial pipe, fittings, gaskets, and systems (products) intended for use underground in the distribution of petroleum-based flammable and combustible liquids, biodiesel, biodiesel-blended fuels, alcohols, and alcohol-blended fuels.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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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ASME

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Web: www.asme.org

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Web: www.asq.org

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Send comments to:

AAMI

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1110 N Glebe Road
Suite 220
Arlington, VA 22201
Phone: (703) 525-4890 x251
Fax: (703) 276-0793

Web: www.aami.org

ADA (ORGANIZATION)

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211 E. Chicago
Chicago, IL 60611
Phone: 312-440-2533
Fax: 312-440-2529
Web: www.ada.org

AGA (ASC Z223)

ASC Z223
400 North Capitol Street, NW
Washington, DC 20001
Phone: (202) 824-7312
Fax: (202) 824-9122
Web: www.aga.org/

ASA (ASC S12)

ASC S12
35 Pinelawn Road Suite 114E
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 390-0217
Web: asa.aip.org/index.html

ASME

American Society of Mechanical
Engineers (ASME)
3 Park Avenue, 20th Floor
New York, NY 10016
Phone: (212) 591-8552
Fax: (212) 705-7196
Web: www.asme.org

ASQ

American Society for Quality
600 N. Plankinton Street
Milwaukee, WI 53203
Phone: 800-248-1946
Fax: 414-270-8810
Web: www.asq.org

ATIS

ATIS
1200 G Street NW, Ste 500
Washington, DC 20005
Phone: 202-434-8841
Fax: 202-347-7125
Web: www.atis.org

AWS

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

CSAA

Central Station Alarm Association
440 Maple Avenue East Suite 201
Vienna, VA 22180
Phone: (703) 242-4670
Fax: (703) 242-4675

EIA

Electronic Industries Alliance
2500 Wilson Blvd., Suite 300
Arlington, VA 22201-3834
Phone: (703) 907-8026
Fax: (703) 907-7549
Web: www.eia.org

HPS (ASC N13)

Health Physics Society
1313 Dolley Madison Blvd
Suite 402
McLean, VA 22101
Phone: 703-790-1745
Fax: 703-790-2672
Web:
[www.hps.org/hpspublications/
standards.html](http://www.hps.org/hpspublications/standards.html)

SCTE

Society of Cable
Telecommunications Engineers
140 Phillips Road
Exton, PA 19341
Phone: (610) 524-1725, x204
Fax: (610) 363-5898
Web: www.scte.org

TIA

TIA
2500 Wilson Blvd
Arlington, VA 22201
Phone: 703-907-7706
Fax: 703-907-7727
Web: www.tiaonline.org

UL

Underwriters Laboratories, Inc.
455 E Trimble Road
San Jose, CA 95131-1230
Phone: (408) 754-6500
Fax: (408) 689-6500
Web: www.ul.com/

UL-CA

Underwriters Laboratories, Inc.
455 E Trimble Road
San Jose, CA 95131-1230
Phone: (408) 754-6500
Fax: (408) 689-6500

UL-IL

Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062
Phone: (847) 272-8800

UL-NC

Underwriters Laboratories, Inc.
12 Laboratory Drive
Research Triangle Park, NC
27709
Phone: (919) 549-1400, x11479
Fax: (919) 547-6179

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 1110 N Glebe Road
Suite 220
Arlington, VA 22201

Contact: *Sonia Balboni*

Phone: (703) 525-4890 x251

Fax: (703) 276-0793

E-mail: sbalboni@aami.org

BSR/AAMI/ISO 11137-2-200x, Sterilization of health care products - Radiation - Part 2: Establishing the sterilization dose (identical national adoption and revision of ANSI/AAMI/ISO 11137-2-2006)

ASA (ASC S12) (Acoustical Society of America)

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

Contact: *Susan Blaeser*

Phone: (631) 390-0215

Fax: (631) 390-0217

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

BSR/ASA S12.42-200x, Microphone-In-Real-Ear and Acoustic Test Fixture Methods for the Measurement of Insertion Loss of Hearing Protection Devices (revision and redesignation of ANSI S12.42-1995 (R2004))

ASA (ASC S2) (Acoustical Society of America)

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

Contact: *Susan Blaeser*

Phone: (631) 390-0215

Fax: (631) 390-0217

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

BSR/ASA S2.28-200x, Guide for the Measurement and Evaluation of Vibration of Shipboard Machinery (revision and redesignation of ANSI S2.28-2003)

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Blvd
Arlington, VA 22201

Contact: *Ronda Coulter*

Phone: 703 907-7974

Fax: 703 907-7728

E-mail: rcoulter@tiaonline.org

BSR/TIA 102.BAAC-B-200x, Common Air Interface Reserved Values (revision of ANSI/TIA 102.BAAC-A-2003)

UL (Underwriters Laboratories, Inc.)

Office: 455 E Trimble Road
San Jose, CA 95131-1230

Contact: *Marcia Kawate*

Phone: (408) 754-6500

Fax: (408) 689-6500

E-mail: Marcia.M.Kawate@us.ul.com

BSR/UL 1769-200x, Standard for Safety for Cylinder Valves (Proposals dated 9/19/08) (revision of ANSI/UL 1769-2006)

BSR/UL 2227-200x, Standard for Safety for Overfilling Prevention Devices (Proposals dated 9/19/08) (revision of ANSI/UL 2227-2008)

Final actions on American National Standards

The standards actions listed below have been approved by the ANSI Board of Standards Review (BSR) or by an ANSI-Audited Designator, as applicable.

ADA (American Dental Association)

New National Adoptions

ANSI/ADA Specification No. 71-2008, Root Canal Filling Condensers (Pluggers and Spreaders) (national adoption with modifications and revision of ANSI/ADA 71-2001): 9/10/2008

ASME (American Society of Mechanical Engineers)

Revisions

ANSI/ASME PTC 25-2008, Pressure Relief Devices (revision of ANSI/ASME PTC 25-2001): 9/16/2008

ATIS (Alliance for Telecommunications Industry Solutions)

New Standards

ANSI ATIS 1000024-2008, US Standard for Signaling Security - Security Roadmap (new standard): 9/16/2008

AWS (American Welding Society)

Revisions

ANSI/AWS C1.5-2008, Specification for the Qualification of Resistance Welding Technicians (revision of ANSI/AWS C1.5-2005): 9/16/2008

DISA (ASC X12) (Data Interchange Standards Association)

Reaffirmations

ANSI X12.5-2004 (R2008), Interchange Control Structures (reaffirmation of ANSI X12.5-2004): 9/11/2008

ANSI X12.6-2004 (R2008), Application Control Structure (reaffirmation of ANSI X12.6-2004): 9/11/2008

ANSI X12.56-2004 (R2008), Interconnect Mailbag Control Structures (reaffirmation of ANSI X12.56-2004): 9/11/2008

ANSI X12.58-2004 (R2008), Security Structures (reaffirmation of ANSI X12.58-2004): 9/11/2008

ANSI X12.59-2004 (R2008), Implementation of EDI Structures - Semantic Impact (reaffirmation of ANSI X12.59-2004): 9/11/2008

Revisions

ANSI X12.1-2008, Transaction Set Tables (revision of ANSI X12.1-2004): 9/11/2008

ANSI X12.3-2008, Data Element Dictionary (revision of ANSI X12.3-2004): 9/11/2008

ANSI X12.22-2008, Segment Directory (revision of ANSI X12.22-2004): 9/11/2008

HI (Hydraulic Institute)

Revisions

ANSI/HI 2.1-2.2 -2008, Rotodynamic (Vertical) Pumps for Nomenclature and Definitions (revision of ANSI/HI 2.1-2.2 - 2000): 9/10/2008

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

ANSI/IEEE 1900.2-2008, Recommended Practice for the Analysis of In-Band and Adjacent Band Interference and Coexistence Between Radio Systems (new standard): 9/9/2008

Reaffirmations

ANSI/IEEE C37.48.1-2002 (R2008), 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): 9/9/2008

ANSI/IEEE C57.119-2002 (R2008), Recommended Practice for Performing Temperature Rise Tests on Oil-Immersed Power Transformers at Loads Beyond Nameplate Ratings (reaffirmation of ANSI/IEEE C57.119-2002): 9/9/2008

Revisions

ANSI/IEEE 1588-2008, Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems (revision of ANSI/IEEE 1588-2002): 9/10/2008

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

Reaffirmations

INCITS/ISO/IEC 14495-2-2003 (R2008), Information technology - Lossless and near-lossless compression of continuous-tone still images - Part 2: Extension (reaffirmation of INCITS/ISO/IEC 14495-2-2003): 9/10/2008

INCITS/ISO/IEC 21000-3-2003 (R2008), Information technology - Multimedia Framework (MPEG-21) - Part 3: Digital Item Identification (reaffirmation of INCITS/ISO/IEC 21000-3-2003): 9/10/2008

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

Revisions

ANSI/NB 23-2008 (Cycle A), National Board Inspection Code (Cycle A) (revision of ANSI/NB-23-2007): 9/11/2008

ANSI/NB 23-2008 (Cycle B), National Board Inspection Code (Cycle B) (revision of ANSI/NB 23-2007): 9/11/2008

UL (Underwriters Laboratories, Inc.)

Reaffirmations

ANSI/UL 22-2004 (R2008), Amusement and Gaming Machines (Proposal Dated June 20, 2008) (reaffirmation of ANSI/UL 22-2004): 9/9/2008

Revisions

ANSI/UL 193-2008, Alarm Valves for Fire-Protection Service (revision of ANSI/UL 193-2003): 9/12/2008

ANSI/UL 252-2008, Standard for Compressed Gas Regulators (revision of ANSI/UL 252-2003): 9/9/2008

ANSI/UL 723-2008a, Test for Surface Burning Characteristics of Building Materials (revision of ANSI/UL 723-2005): 9/10/2008

ANSI/UL 723-2008b, Test for Surface Burning Characteristics of Building Materials (revision of ANSI/UL 723-2005): 9/10/2008

ANSI/UL 729-2008, Standard for Safety for Oil-Fired Floor Furnaces (revision of ANSI/UL 729-2003): 9/15/2008

ANSI/UL 730-2008, Standard for Safety for Oil-Fired Wall Furnaces (revision of ANSI/UL 730-2003): 9/15/2008

ANSI/UL 746E-2008, Standard for Safety for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used in Printed Wiring Boards (Proposals dated January 25, 2008) (revision of ANSI/UL 746E-2007a): 9/15/2008

Corrections

Incorrect Project Intents

ANSI/ASME B29.400-2001 (R2008)

In the Final Actions section of the September 12, 2008 issue of Standards Action, ANSI/ASME B29.400-2001 (R2008) was listed as being a reaffirmation and redesignation of ANSI/ASME B29.11M-2001 and ANSI/ASME B29.14M-2001. This information is incorrect. The correct listing is: ANSI/ASME B29.400-2001 (R2008) (reaffirmation of ANSI/ASME B29.400-2001).

ANSI/UL 355-2008

In the Final Actions section of the August 29, 2008 issue of Standards Action, ANSI/UL 355-2008 was listed as being a revision of ANSI/UL 355-2004. This information is incorrect. The correct listing is: ANSI/UL 355-2008 (revision of ANSI/UL 355-2006).

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.

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 1110 N Glebe Road
Suite 220
Arlington, VA 22201

Contact: *Sonia Balboni*

Fax: (703) 276-0793

E-mail: sbalboni@aami.org

BSR/AAMI/ISO 11137-2-200x, Sterilization of health care products - Radiation - Part 2: Establishing the sterilization dose (identical national adoption and revision of ANSI/AAMI/ISO 11137-2-2006)
Stakeholders: Regulatory authorities, medical device manufacturers, healthcare professionals, clinicians.

Project Need: To revise this document so as to change certain technical requirements.

Specifies methods of determining the minimum dose needed to achieve a specified requirement for sterility and methods to substantiate the use of 25 kGy or 15 kGy as the sterilization dose to achieve a sterility assurance level (SAL) of 10⁻⁶. Also specifies methods of dose auditing in order to demonstrate the continued effectiveness of the sterilization dose. Defines product families for dose establishment and dose auditing.

ABMA (ASC B3) (American Bearing Manufacturers Association)

Office: 2025 M Street - Suite 800
Washington, DC 20036-3309

Contact: *James Converse*

Fax: 919-827-4587

E-mail: jconverse@americanbearings.org

BSR/ISO/ABMA 1132-1-200x, Rolling bearings - Tolerances - Part 1: Terms and definitions (identical national adoption of ISO 1132)
Stakeholders: Bearing manufacturers and users.

Project Need: To adopt the ISO standard, since it reflects US

Provides explanation of terms and definitions for the tolerances of rolling bearings.

BSR/ISO/ABMA 1132-2-200x, Rolling bearings - Tolerances - Part 2: Measuring and gauging principles and methods (identical national adoption of ISO 1132)
Stakeholders: Bearing manufacturers and users.

Project Need: To adopt the ISO standard, since it reflects US

Establishes guidelines for measurement of dimensions, running accuracy, and internal clearance of rolling bearings. The purpose is to outline the fundamentals of various measuring and gauging principles that may be used in order to clarify and comply with the definitions of ISO 1132-1 and ISO 5593.

ASA (ASC S12) (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 S12.42-200x, Microphone-In-Real-Ear and Acoustic Test Fixture Methods for the Measurement of Insertion Loss of Hearing Protection Devices (revision and redesignation of ANSI S12.42-1995 (R2004))

Stakeholders: Industrial, military, and nonoccupational users of hearing protection devices and regulatory agencies.

Project Need: To revise ANSI S12.42-1995 (R2004) so that it deals with earmuffs and earplugs. It also must be expanded to provide specifics on a variety of test signals to include impulse noise. The document must also be updated to correspond to the current version of ANSI S12.6-2008.

Provides two methods for measuring the insertion loss of any hearing protection device (HPD) that encloses the ears, caps the ears, or occludes the earcanals. It contains information on instrumentation, calibration, electroacoustic requirements, subject selection and training, procedures for locating ear-mounted microphones and HPDs to measure sound pressure levels at the ear, specifications describing suitable ATFs, and methods for reporting the calculated insertion-loss values.

ASA (ASC S2) (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 S2.28-200x, Guide for the Measurement and Evaluation of Vibration of Shipboard Machinery (revision and redesignation of ANSI S2.28-2003)

Stakeholders: Maritime industry, military, naval engineering, ship building.

Project Need: To revisit limits set on the broadband values, based on statistical analysis using new vibration data on 75 machines tested up to 20 times each.

Contains procedures for the measurement and evaluation of the mechanical vibration of nonreciprocating machines, as measured on nonrotating parts. It contains criteria for evaluating new machines and for vibration monitoring. This American National Standard is related to the ISO 10816 series that provides guidelines for the evaluation of different types of machines. The type of machinery covered in this standard is shipboard machinery.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
St Joseph, MI 49085

Contact: *Carla VanGilder*

E-mail: vangilder@asabe.org

BSR/ASABE S390.5-200x, Definitions and Classifications of Agricultural Field Equipment (revision of ANSI/ASAE S390.4-2004)
Stakeholders: Manufacturers, trade associations.

Project Need: To update the standard in preparation for future ISO harmonization.

Provides classifications and definitions of agricultural field equipment designed primarily for use in agricultural operations for the production of food and fiber. It is intended to establish uniformity in terms used for agricultural field equipment in standards, technical papers, specifications and in general usage.

BSR/ASABE S612-200x, Performing On-Farm Energy Audits (new standard)

Stakeholders: Farm energy auditors, consulting engineers, farm managers.

Project Need: To create a standard for guidance in determining farm energy usage and losses.

Outlines procedures for use by technically qualified auditors in measuring and calculating energy usage and energy losses in agricultural operations. A template will be included to guide the reporting of data and the preparation of specific recommendations for energy reduction and conservation.

CSA (CSA America, Inc.)

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

Contact: *Allen Callahan*

Fax: (216) 642-3463

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

BSR Z21.13a-200x, Gas-Fired Low Pressure Steam and Hot Water Boilers (same as CSA 4.9a) (revision of ANSI Z21.13-2004)
Stakeholders: Consumers, manufacturers, gas suppliers, certifying agencies.

Project Need: To revise this Standard for Safety.

Details test and examination criteria for Category I, Category II, Category III and Category IV low-pressure steam and hot water boilers for use with natural, manufactured, and mixed gases; liquefied petroleum gases; and LP gas-air mixtures. A boiler is defined in the standard as a boiler operating at or below the following pressures or temperatures:

- Steam heating boiler: 15 psi (103.42 kPa) steam pressure;
- Hot water heating or supply boiler: 160 psi (1.10 MPa) water pressure, 250 F (121 C) water temperature.

BSR Z21.85-200x, American National Standard/CSA Standard for Indoor Appliance Connectors of Other Than All Metal Construction (new standard)

Stakeholders: Consumers, gas companies, testing agencies, manufacturers.

Project Need: To create a new safety standard for new type of gas connector.

Details test and examination criteria for indoor appliance connectors of other than all metal construction that are for use on piping systems having fuel gas pressure not in excess of 5 psi (34.5 KPA) and are intended to be used in conjunction with ANSI Z21.90/CSA 6.24, Gas Convenience Outlets and Optional Enclosures. These connectors are for use with indoor gas-fired appliances that are portable or frequently moved after installation.

NOCA (National Organization for Competency Assurance)

Office: P.O. Box 130140
789 N. Dixboro Road
Ann Arbor, MI 48113-0140

Contact: *Jim Kendzel*

Fax: (734) 827-6831

E-mail: kendzel@nsf.org

BSR/NOCA 3000-200x, Performance Testing Used in the Assessment of Knowledge, Skills and Abilities (new standard)

Stakeholders: Corporate test development departments, credentialing bodies, state licensure boards, test developers.

Project Need: To develop minimum requirements for the development and administration of performance tests. The use of performance testing in the evaluation of an individual's knowledge, skills, or abilities is becoming more prevalent in the workplace.

Covers minimum requirements for assurance of validity and reliability of performance tests used to determine knowledge, skills and abilities of an individual. The standard will cover development requirements as well as provide guidelines for the administration of the assessment tool.

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Blvd
Arlington, VA 22201

Contact: *Ronda Coulter*

Fax: 703 907-7728

E-mail: rcoulter@tiaonline.org

BSR/TIA 102.BAAC-B-200x, Common Air Interface Reserved Values (revision of ANSI/TIA 102.BAAC-A-2003)

Stakeholders: Telecommunications Industry Association.

Project Need: To provide a standards that is intended to be interpreted with the Common Air Interface and not intended to be understood by itself.

Provides a supplement to the Common Air Interface that lists all of the reserved values for the fields of information. This is intended to be interpreted with the Common Air Interface and is not intended to be understood by itself.

UL (Underwriters Laboratories, Inc.)

Office: 455 E Trimble Road
San Jose, CA 95131-1230

Contact: *Barbara Davis*

Fax: (408) 689-6500

E-mail: Barbara.J.Davis@us.ul.com

BSR/UL 1994-200x, Luminous Egress Path Marking Systems (new standard)

Stakeholders: Product manufacturers, authorities having jurisdiction.

Project Need: To receive ANSI approval of new standard.

Covers floor proximity and other egress path marking and lighting systems that provide a visual delineation of the path of egress. These systems are also used to identify significant egress path features such as doors, stair banisters, obstacles or information placards. These systems are intended for installation and use as required by building and fire safety codes.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at www.ansi.org, select Internet Resources, click on "Standards Information," and see "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at www.ansi.org/publicreview.

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

ISO and IEC Draft International Standards



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

Comments

Comments regarding ISO documents should be sent to Henrietta Scully at ANSI's New York offices, those regarding IEC documents to Charles T. Zegers, also at ANSI New York offices. The final date for offering comments is listed after each draft.

Ordering Instructions

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

ISO Standards

ACOUSTICS (TC 43)

ISO/DIS 8253-1, Acoustics - Audiometric test methods - Part 1: Basic pure-tone air and bone conduction threshold audiometry - 12/13/2008, \$98.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 28198, Animal and vegetable fats and oils - Determination of toluene insoluble matter - 12/14/2008, \$46.00

FLUID POWER SYSTEMS (TC 131)

ISO/DIS 27407, Hydraulic fluid power - Marking of performance characteristics on hydraulic filters - 12/14/2008, \$58.00

PLASTICS (TC 61)

ISO/DIS 1628-3, Plastics - Determination of the viscosity of polymers in dilute solution using capillary viscometers - Part 3: Polyethylenes and polypropylenes - 12/13/2008, \$46.00

9/1190/FDIS, IEC 62499 Ed.1: Railway applications - Current collection systems - Pantographs, testing methods for carbon contact strips, 11/14/2008

23A/580/FDIS, IEC 61534-22 Ed. 1: Powertrack systems - Part 22: Particular requirements for powertrack systems intended for on floor or under floor installation, 11/14/2008

25/395/FDIS, ISO 80000-11 Ed.1: Quantities and units - Part 11: Characteristic numbers, 11/14/2008

31J/159/FDIS, IEC 60079-10-1 Ed. 1.0: Explosive atmospheres - Part 10-1: Classification of areas -Explosive gas atmospheres, 11/14/2008

47/1989/FDIS, IEC 60749-20, Ed. 2: Semiconductor devices - Mechanical and climatic test methods - Part 20: Resistance of plastic encapsulated SMDs to the combined effect of moisture and soldering heat, 11/14/2008

86B/2762/FDIS, IEC 61300-3-6 Ed. 3.0: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-6: Examinations and measurements - Return loss, 11/14/2008

91/810/FDIS, IEC 61249-2-35, Ed. 1: Materials for printed boards and other interconnecting structures - Part 2-35: Reinforced base materials, clad and unclad - Modified epoxide woven E-glass laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly, 11/07/2008

91/811/FDIS, IEC 61249-2-37, Ed. 1: Materials for printed boards and other interconnecting structures - Part 2-37: Reinforced base materials, clad and unclad - Modified non-halogenated epoxide woven E-glass laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly, 11/07/2008

91/812/FDIS, IEC 61249-2-38, Ed. 1: Materials for printed boards and other interconnecting structures - Part 2-38: Reinforced base materials, clad and unclad - Non-halogenated epoxide woven E-glass laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly, 11/07/2008

IEC Standards

9/1184/FDIS, IEC 62236-1 Ed.2: Railway applications - Electromagnetic compatibility - Part 1: General, 11/14/2008

9/1185/FDIS, IEC 62236-2 Ed.2: Railway applications - Electromagnetic compatibility - Part 2: Emission of the whole railway system to the outside world, 11/14/2008

9/1186/FDIS, IEC 62236-3-1 Ed.2: Railway applications - Electromagnetic compatibility - Part 3-1: Rolling stock - Train and complete vehicle, 11/14/2008

9/1187/FDIS, IEC 62236-3-2 Ed.2: Railway applications - Electromagnetic compatibility - Part 3-2: Rolling stock - Apparatus, 11/14/2008

9/1188/FDIS, IEC 62236-4 Ed.2: Railway applications - Electromagnetic compatibility - Part 4: Emission and immunity of the signalling and telecommunications apparatus, 11/14/2008

9/1189/FDIS, IEC 62236-5 Ed.2: Railway applications - Electromagnetic compatibility - Part 5: Emission and immunity of fixed power supply installations and apparatus, 11/14/2008

Newly Published ISO and IEC Standards



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

ISO Standards

HYDROMETRIC DETERMINATIONS (TC 113)

[ISO 1438/Cor1:2008](#), Liquid flow measurement in open channels using thin-plate weirs and Venturi flumes - Corrigendum, FREE

METALLIC AND OTHER INORGANIC COATINGS (TC 107)

[ISO 27874:2008](#), Metallic and other inorganic coatings - Electrodeposited gold and gold alloy coatings for electrical, electronic and engineering purposes - Specification and test methods, \$110.00

NON-DESTRUCTIVE TESTING (TC 135)

[ISO 15548-1:2008](#), Non-destructive testing - Equipment for eddy current examination - Part 1: Instrument characteristics and verification, \$116.00

[ISO 15548-2:2008](#), Non-destructive testing - Equipment for eddy current examination - Part 2: Probe characteristics and verification, \$116.00

[ISO 15548-3:2008](#), Non-destructive testing - Equipment for eddy current examination - Part 3: System characteristics and verification, \$49.00

RUBBER AND RUBBER PRODUCTS (TC 45)

[ISO 124:2008](#), Latex, rubber - Determination of total solids content, \$57.00

SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)

[ISO 9276-6:2008](#), Representation of results of particle size analysis - Part 6: Descriptive and quantitative representation of particle shape and morphology, \$104.00

TEXTILES (TC 38)

[ISO 105-E04:2008](#), Textiles - Tests for colour fastness - Part E04: Colour fastness to perspiration, \$43.00

[ISO 6330/Amd1:2008](#), Textiles - Domestic washing and drying procedures for textile testing - Amendment 1, \$16.00

THERMAL INSULATION (TC 163)

[ISO 12574-2:2008](#), Thermal insulation - Cellulose-fibre loose-fill for horizontal applications in ventilated roof spaces - Part 2: Principal responsibilities of installers, \$73.00

[ISO 29470:2008](#), Thermal insulating products for building applications - Determination of the apparent density, \$43.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

[ISO 4387/Amd1:2008](#), Cigarettes - Determination of total and dry particulate matter using a routine analytical cigarette-smoking machine - Glass fibre filter smoke trap method - Amendment 1, \$16.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

[ISO 3767-2:2008](#), Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator controls and other displays - Part 2: Symbols for agricultural tractors and machinery, \$104.00

IEC Standards

AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)

[IEC/TR 62002-3 Ed. 1.0 en:2008](#), Mobile and portable DVB-T/H radio access - Part 3: Measurement Interface, \$61.00

[IEC 62360 Ed. 2.0 en:2008](#), Baseline specifications of satellite and terrestrial receivers for ISDB (Integrated Service Digital Broadcasting), \$250.00

[IEC 62379-2 Ed. 1.0 en:2008](#), Common control interface for networked digital audio and video products - Part 2: Audio, \$250.00

[IEC 62503 Ed. 1.0 en:2008](#), Multimedia quality - Method of assessment of synchronization of audio and video, \$61.00

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

[IEC 61076-3-116 Ed. 1.0 b:2008](#), Connectors for electronic equipment - Product requirements - Part 3-116: Rectangular connectors - Detail specification for protective housings for use with 8-way shielded and unshielded connectors for frequencies up to 600 MHz for industrial environments incorporating the IEC 60603-7 series interface - Variant 13 related to IEC 61076-3-106 - Locking lever, \$107.00

FIBRE OPTICS (TC 86)

[IEC/TR 62572-2 Ed. 1.0 en:2008](#), Fibre optic active components and devices - Reliability standards - Part 2: Laser module degradation, \$128.00

PERFORMANCE OF HOUSEHOLD ELECTRICAL APPLIANCES (TC 59)

[IEC/PAS 62587 Ed. 1.0 en:2008](#), Method for measuring performance of portable household electric room air cleaners, \$179.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

[IEC 60335-2-15 Ed. 5.2 b:2008](#), Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids, \$148.00

[IEC 60335-2-43 Ed. 3.2 b:2008](#), Household and similar electrical appliances - Safety - Part 2-43: Particular requirements for clothes dryers and towel rails, \$66.00

[IEC 60335-2-80 Ed. 2.2 b:2008](#), Household and similar electrical appliances - Safety - Part 2-80: Particular requirements for fans, \$92.00

IEC 60335-2-91 Ed. 3.0 b:2008, Household and similar electrical appliances - Safety - Part 2-91: Particular requirements for walk-behind and hand-held lawn trimmers and lawn edge trimmers, \$179.00

IEC 60335-2-98 Ed. 2.2 b:2008, Household and similar electrical appliances - Safety - Part 2-98: Particular requirements for humidifiers, \$92.00

SURFACE MOUNTING TECHNOLOGY (TC 91)

IEC/PAS 62588 Ed. 1.0 en:2008, Marking and labeling of components, PCBs and PCBAs to identify lead(Pb), Pb-free and other attributes, \$77.00

IEC Technical Specifications

FIRE HAZARD TESTING (TC 89)

IEC/TS 60695-11-11 Ed. 1.0 b:2008, Fire hazard testing - Part 11-11: Test flames - Determination of the characteristic heat flux for ignition from a non-contacting flame source, \$107.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

IEC/TS 62257-9-1 Ed. 1.0 en:2008, Recommendations for small renewable energy and hybrid systems for rural electrification - Part 9-1: Micropower systems, \$204.00

Proposed Foreign Government Regulations

Call for Comment

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

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology

(NIST), distributes these proposed foreign technical regulations to U.S. stakeholders via an online service, Notify U.S. Notify U.S. is an e-mail and Web service that allows interested U.S. parties to register, obtain notifications, and read full texts of regulations from countries and for industry sectors of interest to them. To register for Notify U.S., please go to Internet URL: <http://www.nist.gov/notifyus/> and click on "Subscribe".

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

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

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

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

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

ANSI Accredited Standards Developers

Reaccreditation

ASC X12 – Electronic Data Interchange

Comment Deadline: October 20, 2008

Accredited Standards Committee X12, Electronic Data Interchange, has submitted revisions to the operating procedures under which it was last reaccredited in January 2006. As these revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised operating procedures, or to offer comments, please contact the Secretariat of ASC X12, the Data Interchange Standards Association (an ANSI Organizational Member): Ms. Yvonne Meding, Director, X12 Operations, 7600 Leesburg Pike, Suite 430, Falls Church, VA 22043; PHONE: (703) 970-2051; FAX: (703) 970-4488; E-mail: YMeding@disa.org. You may view/download a copy of the revisions during the public review period at the following URL:

<http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANSI%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>.

As these revisions are available electronically, the public review period is 30 days. Please submit your comments to ASC X12 by October 20, 2008, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (FAX: (212) 840-2298; E-mail: Jthomps@ANSI.org).

ANSI Accreditation Program for Third Party Product Certification Agencies

Application for Accreditation

Det Norske Veritas Certification, Inc. (DNV)

Comment Deadline: October 20, 2008

Ms. Andrea Niemann-Haberhausen
Manager Food Services
DET NORSKE VERITAS CERTIFICATION, INC. (DNV)
16340 Park Ten Place
Houston, TX 77084

DNV has submitted formal application for accreditation by ANSI of the following scopes of this certification body:

SCOPE:

SQF 2000 CODE – A HACCP Based Supplier Assurance Code for the Food Industry for single and multi-site organizations

Please send your comments by October 20, 2008 to Reinaldo Balbino Figueiredo, Program Director, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or E-mail: rfigueir@ansi.org.

International Organization for Standardization (ISO)

Calls for International Secretariats

ISO/TC 121 – Anaesthetic and respiratory equipment

The Member Bodies of ISO have been contacted regarding the re-allocation, from the United Kingdom (BSI), of the Secretariat of ISO/TC 121.

The Technical Committee has the following scope:

Standardization of anaesthetic and respiratory equipment and supplies, related devices and supply systems.

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

ISO/TC 188 – Small craft

The Member Bodies of ISO have been contacted regarding the re-allocation, from the Sweden (SIS), of the Secretariat of ISO/TC 188.

The Technical Committee has the following scope:

Standardization of equipment and construction details of recreational craft, and other small craft using similar equipment, up to 24 metres length of the hull.

Excluded:

- lifeboats and lifesaving equipment covered by ISO/TC 8.

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

Call for Systematic Review

IWA 4:2005 – Quality management systems – Guidelines for the application of ISO 9001:2000 in local government

Comment Deadline: October 10, 2008

Responding to the procedure of an ISO standard being presented for a first systematic review three years after its publication, ANSI, as a member of ISO's Technical Management Board (TMB), has been requested to respond concerning either confirmation, revision or withdrawal of this International Workshop Agreement.

The recommendations received will be sent to the ANSI International Committee (AIC) for consideration as to the final US position.

Anyone wishing to send a recommendation regarding the continuance or withdrawal of this ISO publication should contact Henrietta Scully via email: hscully@ansi.org by October 10, 2008.

Proposals for New Fields of ISO Technical Work

Fraud Countermeasures and Controls

Comment Deadline: September 24, 2008

The North American Security Products Organization (NASPO) has developed and submitted to ANSI a proposal for a new ISO technical committee, with the following proposed scope:

Standardization in the field of the detection, prevention and control of identity, financial, product and other forms of social and economic fraud.

A copy of the proposal can be obtained for review by contacting Henrietta Scully of ANSI via e-mail at hscully@ansi.org.

Responses on the proposal should be sent to Steven Cornish of ANSI via e-mail at scornish@ansi.org by close of business on September 24, 2008. Comments received will be compiled and presented for the AIC's endorsement to be submitted to ISO.

Sustainability Criteria for Biofuel

Comment Deadline: October 10, 2008

ABNT (Brazil) and DIN (Germany) have jointly submitted to ISO a proposal for a new field of ISO technical activity on Solid Biofuels, with the following proposed scope:

Standardization in the field of sustainability criteria and the assessment of them for the production, supply chain and application of biofuel. This includes: Terminology, general characteristics with regard to environmental aspects (including biodiversity and GHG balance) and social aspects.

A copy of the proposal can be obtained for review by contacting Henrietta Scully of ANSI via e-mail at hscully@ansi.org.

Responses on the proposal should be sent to Steven Cornish of ANSI via e-mail at scornish@ansi.org by close of business on October 10, 2008. Comments received will be compiled and presented for the AIC's endorsement to be submitted to ISO.

Default Ballot
SP-3-4699-RV1-A, Light Source Encircled Flux Measurement Method
to be published as TIA 455-203-A (FOTP-203-A)

This default ballot is a result of comment resolution regarding SP-3-4699-RV1 and is limited to one (1) specific technical change. Other comments submitted to SP-3-4699-RV1 were resolved editorially. The results of the SP-3-4699-RV1 ballot consisted of 26 “abstain”, 10 “approve” votes, 3 “approve with comments” votes, and 0 “disapprove with comments” votes.

This default ballot includes, in table format, the original comment against SP-3-4699-RV1 that was cause for technical change. Because the TR42.11 subcommittee’s resolution permitted considerable latitude to the author in adjusting the content of the draft, the clause containing the changed text is also included with changes shown in revisions notation.

For the purpose of this default ballot, the resolution to the submitter’s comment that was reached by the Subcommittee and the implementation of that resolution as shown in the included text should be considered in your vote and comment. For example:

- If you agree with the resolution and content changes, your vote would be “yes”, or
- if you agree with the resolution and content changes, but have comments to the resolution or content changes, your vote would be “yes with comments” and include specific proposed changes along with rationale, or
- if you disagree with the resolution and content changes, your vote would be “disapprove with comments” and include specific proposed changes along with rationale.

9	30 374 390	5.2.2	T	CS7	Non-exemplary shaking method offered as exemplary.	The use of a fan-blown shaker should not be included, as the requirements of 5.2.2 regarding shake synchronization frequency cannot be verified or computed. If this method is retained, then this requirement should be removed or relaxed.	<p>Defer to committee:</p> <p>'Exemplary' in this context means as an example. This example was added at the last minute at the insistence of the original author of this FOTP. The subcommittee should direct whether this example should be retained. No one is known to use this approach.</p> <p>Committee determination:</p> <p>Remove overly restrictive requirements on mechanical cam shaker regarding synchronization and cycles of averaging, etc. Make cam method an example. Change the "exemplary" terminology for the fan method to state it is also an "example". Inserting pictures may help to illustrate the object of the fiber shaking to smooth out a speckle pattern to a smoothed pattern.</p>
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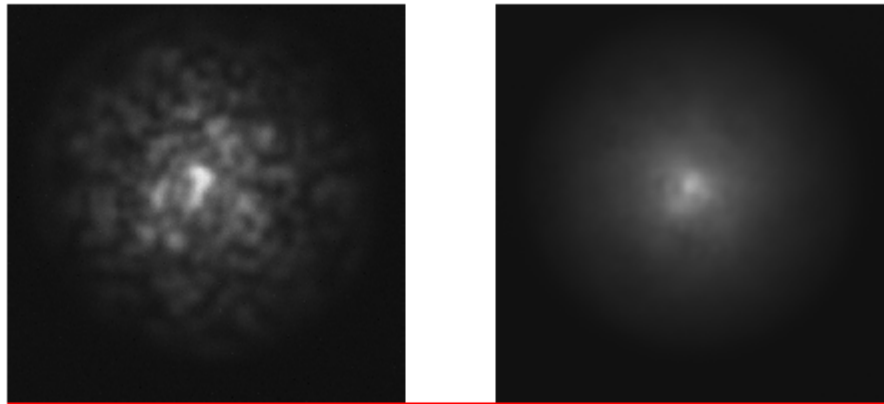
352 5.2.2 Fiber shaker

353 The purpose of the fiber shaker is to change the differential path length of the various modes in
 354 the test jumper, ensuring that as the image is averaged, speckle in the averaged image will be
 355 reduced. Speckle reduction can be accomplished in a variety of ways, and must be good enough
 356 to ensure sufficient repeatability in the measurement of encircled flux. ~~Mechanical s~~Shaking of
 357 the test jumper assembly ~~with a mechanical device~~ is required to reduce speckle.

358

359 The figures below illustrate the effect of fiber shaking. The near field video image of figure 5-3a is
 360 of a 50 micron fiber core illuminated with an 850 nm VCSEL laser. This image is un-averaged,
 361 and speckle is readily seen. Figure 5-3b is the same fiber/laser combination, but the fiber is
 362 shaken with a mechanical shaker, and the image is the result of averaging 100 frames. Figure 5-
 363 4 is a graph of the resultant near field intensities computed with the formulation of Section 9.

364

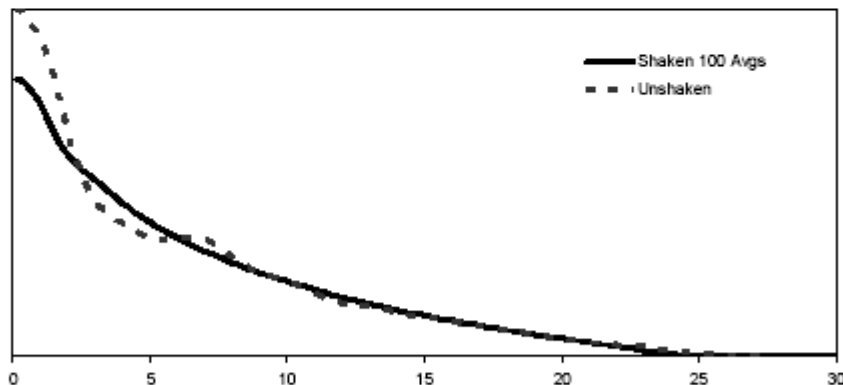


365

366 **Figure 5-3a**

Figure 5-3b

367

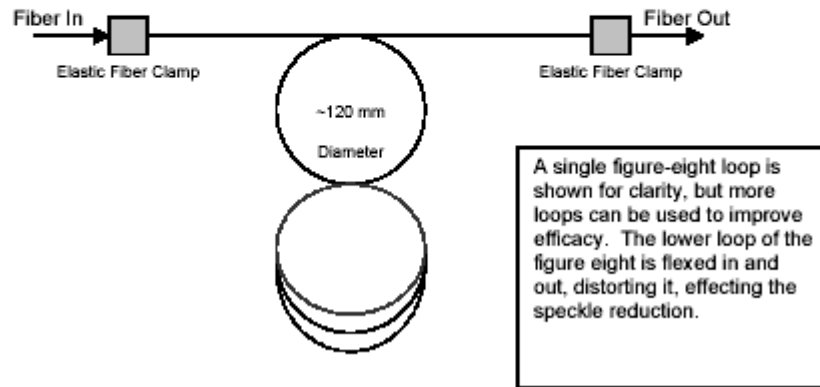


368

Figure 5-4

369 ~~Part of the test jumper assembly shall be mechanically shaken continuously in each of three~~
 370 ~~nominally orthogonal directions (using three independent shaker mechanisms) during the~~
 371 ~~measurement, making at least one hundred shake cycles in each of the three directions during~~
 372 ~~the measurement period. The shake frequencies in the three directions shall be chosen such that~~
 373 ~~the three shake cycles synchronize no more often than once every five hundred cycles of the~~
 374 ~~middle shake frequency.~~

375 A fiber shaker mechanism may be of any design as long as it induces movements and flexing in
 376 the optical fiber sufficient to nearly eliminate speckle in the averaged images. Fiber transverse
 377 displacements of more than 25 millimeters are suggested. The fiber shakers may even include a
 378 fiber holding fixture for securely holding the fiber.



379

380

381

Figure 5-5

382

383 One mechanical example ~~exemplary mechanism~~, shown in Figure 5-5, has three turns of fiber
 384 coiled into a 3-ply figure-eight arrangement, with the loops each being approximately 120
 385 millimeters in diameter. A motor-driven eccentric drives a slider back and forth at about one
 386 stroke per second, alternately flattening and stretching one loop of the figure eight with 25-mm
 387 amplitude. More than one such mechanism may be employed, possibly operating on a different
 388 mechanical orientation, and at a different shaking frequency to effect further speckle reduction.
 389 Three such mechanisms in series will consume about $3 \times 3 \times (2 \times \pi \times 0.120) = 6.8$ meters of test jumper
 390 assembly's fiber.

391 Another exemplary approach ~~example of a fiber shaker~~ is to hang large loose loops of fiber in front
 392 of a ~~large~~ fan which blows these loops about, the turbulence in the stream of the fan randomizing
 393 the motion.

394 **Note 1** -The fiber ends leading into and out of the fiber shaker ~~re~~ must be mechanically fixed or
 395 stabilized to prevent movement of fibers at connection points. In addition, the fiber shaker ~~re~~ must
 396 be mechanically isolated from the rest of the test setup so that vibrations are not transmitted to
 397 connection points throughout the apparatus, or to the micropositioner, detector, or magnifying
 398 optics. Vibration reduction is easier if the fiber shaker is both statically and dynamically balanced,
 399 and if all moving components are light in weight.

400 **Note 2** -There is no required relation between the measurement period (containing the one
 401 hundred strokes) period and the acquisition time of an image. Typically, in each measurement
 402 period, many individual images are taken and later summed or averaged by the computer; this
 403 technique may help to avoid detector saturation. The detector and digitizer may be able to
 404 perform an equivalent function independently. The image will be relatively speckle free when
 405 one hundred shake cycles are averaged in this way.

BSR/UL 142, Standard for Steel Aboveground Tanks for Flammable and Combustible Liquids

PROPOSAL

39.2.1 The leakage test is to be conducted before painting the tank by a method described in items (a) – (b). There shall be no evidence of leakage or sign of permanent deformation following the leakage test. If subjected to a leakage test pressure, the tank wall, head, or roof may deflect but shall return to its original position and shape when the test pressure is released.

a) Apply internal air pressure and use soap-suds, or equivalent material for the detection of leaks. For a horizontal ~~or rectangular~~ tank, the test gauge pressure is to be not less than 3 psi (21 kPa) or more than 5 psi (35 kPa). For a vertical or rectangular tank, the test gauge pressure is not to be less than 1-1/2 psi (10 kPa) nor more than 2-1/2 psi (17 kPa) or that gauge pressure above 1-1/2 psi which first causes visible deformation of the tank; or

b) Completely fill the tank with water, applying the pressure specified in item (a) hydrostatically, and examine the tank for leakage.

BSR/UL 758, Standard for Appliance Wiring Material**1. Revision to 35.1 Correction of test temperature for 60°C wet rated wires.****PROPOSAL**

35.1 The finished wire that is rated for water resistance shall have an insulation resistance in tap water that is not less than indicated in the applicable formulas specified below at any time during immersion. The tap water is to have a temperature of ~~60 ±1.0°C (140 ±1.8°F)~~ 50 ±1.0°C (122 ±1.8°F), 75 ±1.0°C (167 ±1.8°F) or 90 ±1.0°C (194 ±1.8°F), or 100°C ±1.0°C (212 ±1.8°F). The period of immersion is:

- a) 12 weeks or more when the insulation resistance throughout the last six weeks of the period is greater than 10 megohms based on 1000 conductor feet (3 megohms based on a conductor kilometer),
- b) 24 – 36 weeks when the insulation resistance is less than 10 megohms based on 1000 conductor feet and more than the value indicated in the applicable formulas below (3 megohms based on a conductor kilometer and more than the value indicated in the applicable formulas). A sinusoidal rms 50 or 60 Hz potential equal to the voltage rating of the insulation is to be applied at all times other than while readings of insulation resistance are being taken. See 36.4 for the requirement covering the maximum rate of decrease of the insulation resistance.