ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

★ Standard for consumer products

ISSN 0038-9633

Comment Deadline: July 20, 2008

LIA (ASC Z136) (Laser Institute of America)

Revisions

BSR Z136.5-200x, Safe Use of Lasers in Educational Institutions (revision of ANSI Z136.5-2000)

Addresses laser safety concerns and situations characteristic of the educational environment. This standard is intended for faculty and students using lasers at primary, secondary and college levels of education, excluding graduate level research laboratories. The wavelength range of interest includes the ultraviolet, visible, and infrared regions of the electromagnetic spectrum, specifically the wavelength range from 0.18 micrometer (micrometer) to 1 millimeter (mm).

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

Send comments (with copy to BSR) to: Barbara Sams, LIA (ASC Z136); bsams@laserinstitute.org

NSF (NSF International)

Revisions

BSR/NSF 50-200x (i43), Circulation system components and related materials for swimming pools, spas/hot tubs (revision of ANSI/NSF 50-2007)

Issue 43 - To eliminate the 80% pressure requirement from Section 13.4, Life Test. Revision 4 addresses negatives received on the previous revision.

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 4-200x, Standard for Safety for Armored Cable (revision of ANSI/UL 4-2003)

Covers:
(1) Revision of SI (metric) units for tensile strength;
(2) Clarification of ungrounded conductor color requirements; and
(3) Miscellaneous editorial revisions and clarifications.

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

Send comments (with copy to BSR) to: Camille Alma, UL; Camille.A.Alma@us.ul.com

BSR/UL 723-200x, Test for Surface Burning Characteristics of Building Materials (revision of ANSI/UL 723-2005)

(6) Revisions to add the moisture meter as an alternate means of determining red oak moisture content in 5.9;
(9) Revisions to remove the requirements for a chart recorder and the plotting of temperature in 6.7; and
(10) Revisions to remove the requirements for a chart recorder and allowance for soot accumulation on the photocell in 7.1.6.

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

Send comments (with copy to BSR) to: Megan VanHeirseele, UL; Megan.M.VanHeirseele@us.ul.com

BSR/UL 858-200x, Standard for Safety for Household Electric Ranges (revision of ANSI/UL 858-2005)

(1) Addition of Paragraph 25.1.11 to prevent an element from being switched ON with the switch in the OFF position; and
(2) Editorial revisions.

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

Send comments (with copy to BSR) to: Amy Walker, UL-IL; Amy.K.Walker@us.ul.com

BSR/UL 1123-200x, Standard for Safety for Marine Buoyant Devices, May 2008 (Proposal dated June 20, 2008) (revision of ANSI/UL 1123-2008)

Includes updates to the Supplement SG: Type V Rescuer's Harness PFD proposal.

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

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

BSR/UL 1699-200x, Standard for Safety for Arc-Fault Circuit-Interrupters (Bulletin dated June 20, 2008) (revision of ANSI/UL 1699-2007)

Eliminates the AFCI trip during high-voltage conditioning cycle.

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

Send comments (with copy to BSR) to: Edward Minasian, UL-NY; Edward.D.Minasian@us.ul.com

Comment Deadline: August 4, 2008

ADA (American Dental Association)

New National Adoptions

BSR/ADA Specification No. 71-200x, Root Canal Filling Condensers (Pluggers and Spreaders) (national adoption with modifications and revision of ANSI/ADA 71-2001)

Describes root canal instruments for finger, hand, or mechanical operation that are used to compact root canal filling materials.

Single copy price: Free

Obtain an electronic copy from: standards@ada.org

Order from: standards@ada.org

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

ASA (ASC S2) (Acoustical Society of America)

New Standards

BSR/ASA S2.62-200x, Shock Test Requirements for Equipment in a Rugged Shock Environment (new standard)

To be used for testing equipment that will be subjected to shock. Defines test requirements and severity thresholds for a large range of shock environments, including but not limited to shipping, transport, and rugged operational environments. This standard will allow vendors to better market, and users to more easily identify, equipment that will operate or simply survive in rugged shock environments. Standard includes references to various ASTM, IEC, NATO, and US military standards.

Single copy price: $120.00

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revisions

BSR ATIS 0600330-200x, Valve-Regulated Lead-Acid Batteries Used in the Telecommunications Environment (revision and redesignation of ANSI T1.330-1997 (R2002))

Covers valve-regulated lead-acid (immobilized electrolyte) batteries, referred to in this standard as VRLA cells (or modules), used as a reserve energy source that supports dc-powered telecommunications load equipment.

Single copy price: $151.00

Obtain an electronic copy from: kconn@atis.org

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

Send comments (with copy to BSR) to: Same

AWS (American Welding Society)

Revisions

BSR/AWS B2.1/B2.1M-200x, Specification for Welding Procedure and Performance Qualification (revision of ANSI/AWS B2.1-2004)

Provides the requirements for qualification of welding procedure specifications, welders, and welding operators for manual, semiautomatic, mechanized, and automatic welding. The welding processes included are oxyfuel gas welding, shielded metal arc welding, gas tungsten welding, submerged arc welding, gas metal arc welding, flux cored arc welding, plasma arc welding, eletroslag welding, electron beam welding, laser beam welding, and stud arc welding. Base metals, soldering filler metals, soldering fluxes, soldering atmospheres, and soldering joint clearances are also included.

Single copy price: $157.00

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

BSR/AWS C1.5-200x, Specification for the Qualification of Resistance Welding Technicians (revision of ANSI/AWS C1.5-2005)

Establishes the requirements for qualification of Resistance Welding Technicians (RWT) employed in the welding industry. The minimum experience, examination, application, qualification, and requalification requirements and methods are defined in this standard. This specification is a method for technicians to establish a record of their qualification and abilities in welding industry work such as development of machine trouble shooting, processes controls, quality standards, problem solving, etc.

Single copy price: $25.00

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

CEA (Consumer Electronics Association)

New Standards

BSR/CEA 775.2-A-200x, Service Selection Information for Digital Storage Media (new standard)

Specifies the construction of MPEG-2 Transport Stream multiplexes to support digital recording. Two table types are specified in this standard for use with digital recording devices.

Single copy price: $78.00

Obtain an electronic copy from: http://global.ihs.com/

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

Send comments (with copy to BSR) to: Alayne Bell, CEA; ABell@CE.org; Carce@ce.org

HL7 (Health Level Seven)

Revisions

BSR/HL7 V2.7-200x, Health Level Seven Standard Version 2.7 - An Application Protocol for Electronic Data Exchange in Healthcare Environments (revision of ANSI/HL7 V2.6-2007)

Global changes include:
(1) Replacing IS data types with CWE data types where possible; Hd.1 and E1.2 are exceptions;
(2) Revision of length information to minimum, maximum, or null;
(3) Withdraw fields, data type components, tables table entries, segments, messages, queries and data type meeting criteria for withdrawal; and
(4) Chapter-specific changes.

Single copy price: Free (HL7 members); $600.00 (non-members)

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, HL7; karenvan@hl7.org

Send comments (with copy to BSR) to: Same

ISA (ISA)

New Standards

BSR/ISA 75.10.01-200x, General Requirements for Clamp or Pinch Valves (new standard)

Applies to valves, sizes 1 inch through 26 inches, of the clamp or pinch valve design, incorporating clamp or pinch elements, and establishes requirements for clamp and pinch valves.

Single copy price: $30.00

Obtain an electronic copy from: ebeattie@isa.org

Order from: Eliana Beattie, ISA (Organization); ebeattie@isa.org

Send comments (with copy to BSR) to: Same

ISEA (ASC Z87) (International Safety Equipment Association)

Revisions

BSR/ISEA Z87.1-200x, Occupational and Educational Personal Eye and Face Protection Devices (revision and redesignation of ANSI Z87.1-2003)

Sets forth criteria related to the general requirements, testing, permanent marking, selection, care, and use of protectors to minimize or prevent injuries, from such hazards as impact, non-ionizing radiation and chemical exposures in occupational and educational environments including, but not limited to, machinery operations, material welding and cutting, chemical handling, and assembly operations. Certain hazardous exposures are not covered in this standard.

Single copy price: $45.00

Obtain an electronic copy from: cfargo@safetyequipment.org

Order from: Cristine Fargo, ISEA; cfargo@safetyequipment.org

Send comments (with copy to BSR) to: Same

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

Reaffirmations

INCITS/ISO/IEC 13250-2003 (R200x), Information technology - SGML applications - Topic maps (reaffirmation of INCITS/ISO/IEC 13250-2003)

Topic maps enable multiple, concurrent views of sets of information objects. The structural nature of these views is unconstrained; they may reflect an object-oriented approach, or they may be relational, hierarchical, ordered, unordered, or any combination of the foregoing. Moreover, an unlimited number of topic maps may be overlaid on a given set of information resources.

Single copy price: $30.00

Obtain an electronic copy from: http://www.incits.org or http://webstore.ansi.org

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

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

NACE (NACE International, the Corrosion Society)

Reaffirmations

BSR/NACE SP0502-2003 (R200x), Pipeline External Corrosion Direct Assessment Methodology (reaffirmation and redesignation of ANSI/NACE RP0502-2003)

Addresses buried onshore pipelines constructed from ferrous materials. External Corrosion Direct Assessment (ECDA) is a continuous improvement process consisting of four steps: pre-assessment, indirect inspection, direct examination, and post-assessment.

Single copy price: $83.00 (List); $63.00 (NACE Members)

Obtain an electronic copy from: http://web.nace.org/Departments/Store/Default.aspx

Order from: Daniela Malakoff, NACE; daniela.malakoff@nace.org

Send comments (with copy to BSR) to: Same

NCPDP (National Council for Prescription Drug Programs)

Revisions

BSR/NCPDP SC V10.5-200x, SCRIPT Standard v10.5 (revision and redesignation of ANSI/NCPDP SC V10.4-2008)

Provides general guidelines for developers of pharmacy or physician management systems who wish to provide prescription transmission functionality to their clients. The standard addresses the electronic transmission of new prescriptions, prescription refill requests, prescription fill status notifications, and cancellation notifications.

Single copy price: Free (electronic draft)

Obtain an electronic copy from: kkrempin@ncpdp.org

Order from: Kittye Krempin, NCPDP; kkrempin@ncpdp.org

Send comments (with copy to BSR) to: Same

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

New National Adoptions

BSR/CGATS/ISO 12646-200x, Graphic technology - Displays for colour proofing - Characteristics and viewing conditions (identical national adoption and revision of ANSI CGATS/ISO 12646-2005)

Specifies the minimum requirements for the characteristics of displays to be used for soft proofing of color images.

Single copy price: $50.00

Obtain an electronic copy from: mabbott@npes.org

Order from: Mary Abbott, NPES (ASC CGATS); mabbott@npes.org

Send comments (with copy to BSR) to: Same

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 982-200x, Standard for Safety for Motor-Operated Household Food Preparing Machines (revision of ANSI/UL 982-2007)

Covers:

(1) Addition of requirements for individual serving size open-top blender containers;
(2) Addition to require feet that are removable without the use of a tool be removed during testing;
(3) Clarification of the requirements for unintentional operation of an electric knife;
(4) Clarification of the requirements for a blender container cover with a single opening intended for pouring;
(5) Glass Blender Jar-Container Abuse Test;
(6) Revision to require the carrot load for blending mixers be soaked; and
(7) Revision of the normal temperature test for a wand mixer with an immersion level marking.

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: Amy Walker, UL-IL; Amy.K.Walker@us.ul.com

Reaffirmations

BSR/UL 22-2004 (R200x), Amusement and Gaming Machines (Proposal dated June 20, 2008) (reaffirmation of ANSI/UL 22-2004)

Covers electrical, electronic, and electromechanical commercial amusement and gaming machines and accessories that are intended to be used in accordance with the National Electrical Code, NFPA 70.

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: Linda Phinney, UL-SC, Linda.L.Phinney@us.ul.com

Comment Deadline: August 19, 2008

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions

BSR/AAMI/ISO 15223-1-200x, Medical devices - Symbols to be used with medical device labels, labelling and information to be supplied - Part 1: General requirements (identical national adoption and revision of ANSI/AAMI/ISO 15223-1-2007)

Identifies requirements for the development and use of symbols that may be used to convey information on the safe and effective use of medical devices. It also lists symbols that satisfy the requirements of this standard.

Single copy price: $25.00

Obtain an electronic copy from: AAMI

Order from: AAMI

Send comments (with copy to BSR) to: Hillary Woehrle, AAMI; hwoehrle@aami.org

ANS (American Nuclear Society)

Reaffirmations

BSR/ANS 19.3.4-2002 (R200x), Determination of Thermal Energy Deposition Rates in Nuclear Reactors (reaffirmation of ANSI/ANS 19.3.4-2002)

Addresses the energy generation and deposition rates for all types of nuclear reactors where the neutron reaction rate distribution and photon and beta emitter distributions are known. Its scope is limited to the reactor core, including blanket zones, control elements and core internals, pressure vessel, and thermal and biological shielding.

Single copy price: $44.00

Obtain an electronic copy from: orders@ans.org

Order from: Sue Cook, ANS; orders@ans.org

Send comments (with copy to BSR) to: Patricia Schroeder, ANS; pschroeder@ans.org

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 1083-200x, Standard for Safety for Household Electric Skillets and Frying-Type Appliances (Proposal dated 6-20-08) (new standard)

Proposes the fifth edition of UL 1083. Various editorial and minor revisions are proposed to clarify the requirements.

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

Projects Withdrawn from Consideration

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

UL (Underwriters Laboratories, Inc.)

BSR/UL 38-200x, Manual Signaling Boxes for Fire Alarm Systems (Normal Operation Test regarding necessary force and motion) (revision of ANSI/UL 38-2005)

BSR/UL 38-200x, Manual Signaling Boxes for Fire Alarm Systems (Normal Operation Test) (revision of ANSI/UL 38-2005)

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

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

ANSI/(NFPA) T3.21.3-1990 (R1997), Pneumatic Fluid Power - Flow Rating Test Procedure and Reporting Method for Fixed Orifice Components

Call for Comment Contact Information

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

Order from:

AAMI
Association for the Advancement of Medical Instrumentation
1110 N Glebe Road
Suite 220
Arlington, VA 22201
Phone: (703) 525-4890 x215
Fax: (703) 276-0793
Web: www.aami.org

ADA (ORGANIZATION)
American Dental Association
211 E. Chicago
Chicago, IL 60611
Phone: 312-440-2533
Fax: 312-440-2529
Web: www.ada.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60525
Phone: (708) 579-8210
Fax: (708) 352-6464
Web: www.ans.org/main.html

ASA (ASC S1)
ASC S1
35 Pinelawn Road Suite 114E
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 390-0217
Web: asa.aip.org/index.html

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: (800) 443-9353, x451
Fax: (800) 443-5951
Web: www.aws.org

comm2000
1414 Brook Drive
Downers Grove, IL 60515

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

HL7
Health Level Seven
3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104-4250
Phone: (734) 677-7777 x104
Fax: (734) 677-6622
Web: www.hl7.org

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

ISEA
International Safety Equipment Association
1901 North Moore Street
Suite 808
Arlington, VA 22209
Phone: (703) 525-1695
Fax: (703) 525-2148
Web: www.safetyequipment.org

NACE
NACE International, the Corrosion Society
1440 South Creek Drive
Houston, TX 77084-4906
Phone: (281) 228-6287
Fax: (281) 228-6321
Web: www.nace.org

NCPDP
National Council for Prescription Drug Programs
9240 E. Raintree Drive
Scottsdale, AZ 85260
Phone: (480) 477-1000
Web: www.ncpdp.org

NPES (ASC CGATS)
ASC CGATS
1899 Preston White Drive
Reston, VA 20191
Phone: (703) 264-7200
Fax: (703) 620-0994
Web: www.npes.org/standards/cgats.html

Send comments to:

AAMI
Association for the Advancement of Medical Instrumentation
1110 N Glebe Road
Suite 220
Arlington, VA 22201
Phone: (703) 525-4890, x215
Fax: (703) 276-0793
Web: www.aami.org

ADA (ORGANIZATION)
American Dental Association
211 E. Chicago
Chicago, IL 60611
Phone: 312-440-2533
Fax: 312-440-2529
Web: www.ada.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60525
Phone: (708) 579-8269
Fax: (708) 352-6464
Web: www.ans.org/main.html

ASA (ASC S1)
ASC S1
35 Pinelawn Road Suite 114E
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 390-0217
Web: asa.aip.org/index.html

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

CEA
Consumer Electronics Association
1919 S Eads Street
Arlington, VA 22202
Phone: 703-907-5267
Fax: 703-907-4194
Web: www.ce.org

HL7
Health Level Seven
3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104-4250
Phone: (734) 677-7777, x104
Fax: (734) 677-6622
Web: www.hl7.org

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

ISEA
International Safety Equipment Association
1901 North Moore Street
Suite 808
Arlington, VA 22209
Phone: (703) 525-1695
Fax: (703) 525-2148
Web: www.safetyequipment.org

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

LIA (ASC Z136)
Laser Institute of America
13501 Ingenuity Drive, Suite 128
Orlando, FL 32826
Phone: (407) 380-1553, x28
Fax: (407) 380-5588
Web: www.laserinstitute.org

NACE
NACE International, the Corrosion Society
1440 South Creek Drive
Houston, TX 77084-4906
Phone: (281) 228-6287
Fax: (281) 228-6321
Web: www.nace.org

NCPDP
National Council for Prescription Drug Programs
9240 E. Raintree Drive
Scottsdale, AZ 85260
Phone: (480) 477-1000
Web: www.ncpdp.org

NPES (ASC CGATS)
ASC CGATS
1899 Preston White Drive
Reston, VA 20191
Phone: (703) 264-7200
Fax: (703) 620-0994
Web: www.npes.org/standards/cgats.html

NSF
NSF International
789 Dixboro Road
Ann Arbor, MI 48105
Fax: 734-827-6831
Web: www.nsf.org

UL
Underwriters Laboratories Inc.
333 Pfingsten Road
Northbrook, IL 60062
Phone: 847-664-2881
Fax: 847-313-2881
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 60062-2096
Phone: (847) 664-2023
Fax: (847) 313-2850

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

UL-NY
Underwriters Laboratories, Inc.
1285 Walt Whitman Road
Melville, NY 11747-3081
Phone: (631) 271-6200, x23305
Fax: (631) 439-6021

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: *Hillary Woehrle*
Phone: (703) 525-4890 x215
Fax: (703) 276-0793
E-mail: hwoehrle@aami.org

BSR/AAMI/ISO 15223-1-200x, Medical devices - Symbols to be used with medical device labels, labelling and information to be supplied - Part 1: General requirements (identical national adoption and revision of ANSI/AAMI/ISO 15223-1-2007)

CEA (Consumer Electronics Association)

Office: 1919 S Eads Street
Arlington, VA 22202

Contact: *Alayne Bell*
Phone: 703-907-5267
Fax: 703-907-4194
E-mail: ABell@CE.org; Carce@ce.org

BSR/CEA 775.2-A-200x, Service Selection Information for Digital Storage Media (new standard)

ISA (ASC Z133) (International Society of Arboriculture)

Office: P.O. Box 3129
Champaign, IL 61826-3129

Contact: *Sharon Lilly*
Phone: (217) 355-9411 x 210
Fax: (217) 355 9516
E-mail: slilly@isa-arbor.com

BSR Z133-200x, Arboricultural Operations - Safety Requirements (revision and redesignation of ANSI Z133.1-2006)

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

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

Contact: *Barbara Bennett*
Phone: (202) 626-5743
Fax: (202) 638-4922
E-mail: bbennett@itic.org

INCITS/ISO/IEC 13250-2003 (R200x), Information technology - SGML applications - Topic maps (reaffirmation of INCITS/ISO/IEC 13250-2003)

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.

AITC (American Institute of Timber Construction)

New Standards

ANSI/AITC 405-2008, Standard for Adhesives for Use in Structural Glued Laminated Timber (new standard): 6/18/2008

ASA (ASC S2) (Acoustical Society of America)

Revisions

ANSI/ASA S2.9-2008, Parameters for Specifying Damping Properties of Materials and System Damping (revision and redesignation of ANSI S2.9-1976 (R2006)): 6/13/2008

ASCE (American Society of Civil Engineers)

New Standards

ANSI/ASCE/T&DI 21.4-2008, Automated People Mover, Part 4 (new standard): 6/18/2008

ASME (American Society of Mechanical Engineers)

Reaffirmations

ANSI/ASME B1.20.3-1976 (R2008), Dryseal Pipe Threads (Inch) (reaffirmation of ANSI B1.20.3-1976 (R2003)): 6/18/2008

ANSI/ASME B1.20.7-1991 (R2008), Hose Coupling Screw Threads (Inch) (reaffirmation of ANSI/ASME B1.20.7-1991 (R2003)): 6/18/2008

Revisions

ANSI/ASME B94.9-2008, Taps: Ground and Cut Threads with Cut Thread Appendix (Inch and Metric Sizes) (revision of ANSI/ASME B94.9-1999): 6/18/2008

ATIS (Alliance for Telecommunications Industry Solutions)

Revisions

ANSI ATIS 0300204-2008, Operations, Administration, Maintenance, and Provisioning (OAM&P) - Lower-Layer Protocols for Telecommunications Management Network (TMN) Interfaces, Q and X Interfaces (revision of ANSI T1.204-1997 (R2003)): 6/18/2008

CSA (CSA America, Inc.)

Revisions

ANSI Z21.1b-2008, Household Cooking Gas Appliances (revision of ANSI Z21.1b-2003): 6/18/2008

ANSI Z21.47b-2008, Gas-Fired Central Furnaces (same as CSA 2.3b) (revision of ANSI Z21.47-2006 and ANSI Z21.47a-2007): 6/13/2008

ANSI Z83.18b-2008, Recirculating Direct Gas-Fired Industrial Air Heaters (revision of ANSI Z83.18-2004 and ANSI Z83.18a-2005): 6/13/2008

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

ANSI/IEEE 12207-2008, Systems and Software Engineering - Software Life Cycle Processes (new standard): 6/17/2008

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

New National Adoptions

ANSI/AIIM/CGATS/ISO 19005-1-2005, Document management - Electronic document file format for long-term preservation - Part 1: Use of PDF 1.4 (PDF/A-1) (identical national adoption of ISO 19005-1:2005): 6/18/2008

Reaffirmations

ANSI CGATS.7-2003 (R2008), Graphic technology - Pallet loading for printed materials (reaffirmation of ANSI CGATS.7-2003): 6/13/2008

TIA (Telecommunications Industry Association)

Revisions

ANSI/TIA 568-C.3-2008, Building Automation Systems Cabling (revision of ANSI/TIA 568-B-3-2000): 6/18/2008

ANSI/TIA 921-A-2008, Network Model for Evaluating Multimedia Transmission Performance Over Internet Protocol (revision of ANSI/TIA 921-2006): 6/18/2008

UL (Underwriters Laboratories, Inc.)

Reaffirmations

ANSI/UL 2360-2004 (R2008), Test Methods for Determining the Combustibility Characteristics of Plastics Used in Semi-Conductor Tool Construction (reaffirmation of ANSI/UL 2360-2004): 6/12/2008

Revisions

ANSI/UL 506-2008, Standard for Safety for Specialty Transformers (Proposal document dated 4/11/08) (revision of ANSI/UL 506-2005): 6/11/2008

Correction

Error in Title

ANSI T1.105.07-1996 (R2008)

In the Final Actions section of the June 13, 2008 edition of Standards Action, there was a typographical error in the title of ANSI T1.105.07-1996 (R2008). The correct title is: “Synchronous Optical Network (SONET) - Sub-STS-1 Interface Rates and Formats Specification”.

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.

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/ABMA/ISO 12240-2-1998 (R200x), Spherical plain bearings - Part 2: Angular contact spherical plain bearings (reaffirmation of ANSI/ABMA/ISO 12240-2-1998)

Stakeholders: Bearing manufacturers and users.

Project Need: To keep current standard active.

Describes angular-contact spherical plain bearings.

ABYC (American Boat and Yacht Council)

Office: 613 Third Street
Annapolis, MD 21403

Contact: *John Adey*

Fax: (410) 956-2737

E-mail: jadey@abycinc.org

BSR/ABYC A-16-200x, Electric Navigation Lights (new standard)

Stakeholders: Boat manufacturers, insurance personnel, surveyors, trade organizations, consumers.

Project Need: To identify safety issues with electric navigation lights.

Provides a guide for the design, construction, performance, and installation of electric navigation lights.

ADA (American Dental Association)

Office: 211 E. Chicago
Chicago, IL 60611

Contact: *Becky Sarwate*

Fax: 312-440-2529

E-mail: sarwater@ada.org

BSR/ADA Specification No. 75-200x, Resilient Lining Materials for Removable Dentures, Part 1 (national adoption with modifications and revision of ANSI/ADA 75-1997 (R2003))

Stakeholders: Dentists, patients, manufacturers, dental educators.

Project Need: To revise the standard.

Defines properties required for successful application of resilient liner for a satisfactory period and well as biocompatibility.

BSR/ADA Specification No. 87-200x, Dental Impression Trays (revision of ANSI/ADA 87-1995 (R2003))

Stakeholders: Manufacturers, dentists.

Project Need: To revise the standard.

Specifies the size, shape, and biocompatibility of disposable and reusable trays with or without holes for retention of impression material.

ASCE (American Society of Civil Engineers)

Office: 1801 Alexander Bell Drive
Reston, VA 20191

Contact: *Phillip Mariscal*

Fax: (703) 295-6132

E-mail: pmariscal@asce.org

BSR/ASCE EWRI1-200x, Guidelines for the Physical Security of Water Utilities (new standard)

Stakeholders: Utility staff.

Project Need: To create guidelines for physical security for facilities used in potable water source, treatment, and distribution systems.

Recommends physical and electronic security measures for physical protection systems to protect against identified adversaries, referred to as the design basis threats (DBTs), with specified motivation, tools, equipment, and weapons.

BSR/ASCE EWRI2-200x, Guidelines for the Physical Security of Wastewater/Stormwater Utilities (new standard)

Stakeholders: Utility staff.

Project Need: To create physical security for wastewater collection and treatment systems (also called sanitary sewer collection and treatment systems) and stormwater systems.

Recommends physical and electronic security measures for physical protection systems to protect against identified adversaries,referred to as the design basis threats (DBTs), with specified motivation, tools, equipment, and weapons. Additional requirements and security equipment may be necessary to defend against threats with greater capabilities.

HPS (ASC N43) (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 N43.9-200x, Radiological Safety for the Design and Construction of Apparatus for Gamma Radiograph (new standard)

Stakeholders: Designers, developers, manufacturers and testing facilities for industrial radiography equipment.

Project Need: To revise design criteria and test protocols to reflect normal and accident conditions likely to be encountered during use of industrial gamma radiography equipment, not during transportation.

Applies to the design, testing and performance of industrial radiography equipment using radiation emitted by a sealed radioactive source.

IEEE (Institute of Electrical and Electronics Engineers)

Office: 445 Hoes Lane, P.O.Box 1331
Piscataway, NJ 08855-1331
Contact: *Moira Patterson*
Fax: (732) 796-6966
E-mail: m.patterson@ieee.org

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

Stakeholders: Verification engineers for hardware, software and system projects and the tool developers for this community.

Project Need: To include new features that have been introduced since the start of the standardization process for the 'e' language.

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

ISA (ASC Z133) (International Society of Arboriculture)

Office: P.O. Box 3129
Champaign, IL 61826-3129
Contact: *Sharon Lilly*
Fax: (217) 355 9516
E-mail: slilly@isa-arbor.com

BSR Z133-200x, Arboricultural Operations - Safety Requirements (revision and redesignation of ANSI Z133.1-2006)

Stakeholders: Employers engaged in pruning, repairing, maintaining, and removing trees and cutting brush.

Project Need: To provide the periodic revision of standard and to drop ".1" from designation (changing from Z133.1 to Z133).

Contains arboriculture safety requirements for pruning, repairing, maintaining, and removing trees; cutting brush; and for using equipment in such operations.

NALFA (North American Laminate Flooring Association)

Office: 1747 Pennsylvania Avenue N.W. Suite 1000
Washington, DC 20006
Contact: *David Goch*
Fax: (202) 835-0243
E-mail: dgoch@wc-b.com

BSR/NALFA LF-02-200x, Sustainabilty Assessment of Laminate Flooring (new standard)

Stakeholders: Producers (manufacturers), distributors, test labs, users (consumers), general interest.

Project Need: To assist in the clarification, and quantification of, the sustainability, i.e., "green", properties of consumer and commerical laminate flooring.

Provides an assessment tool for the sustainability properites, the "green" value, and related performance of consumer and commercial laminate flooring.

USGBC (U.S. Green Building Council)

Office: 1800 Massachusetts Ave NW, Suite 300
Washington, DC 20036
Contact: *Alice Soulek*
Fax: 202-828-5110
E-mail: asoulek@usgbc.org

BSR/USGBC LEED TM EB O&M-200x, LEED TM for Existing Buildings: Operations and Maintenance (new standard)

Stakeholders: Engineers, facility managers, building owners, tenants, property managers, service providers.

Project Need: To maximize operational efficiency and sustainability of existing buildings while minimizing environmental impacts.

Provides a voluntary performance standard for the sustainable ongoing operation of buildings not undergoing major renovations. LEED EB O&M addresses building exterior and site maintenance, energy and water use, environmentally preferred product purchase and materials use, food and waste stream management, indoor environmental quality, and other sustainable policy requirements leading to third-party certification.

BSR/USGBC LEED TM ND-200x, LEED TM for Neighborhood Development (new standard)

Stakeholders: Builders, developers, designers, municipalities, community/urban planners, land owners.

Project Need: To establish a standard for assessing and rewarding environmentally superior real estate development practices.

Emphasizes design and construction elements that bring buildings together into a neighborhood and relates the neighborhood to its larger region and landscape, based on third-party certification. LEED TM ND revitalizes existing urban areas, reduces land consumption, reduces automobile dependence, promotes pedestrian activity, improves air quality, decreases polluted stormwater runoff, and builds more sustainable communities for people of all income levels.

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 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

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

IEC/DIS 80601-2-35, Medical electrical equipment - Part 2-35: Particular requirements for basic safety and essential performance of blankets, pads and mattresses intended for heating in medical use, $134.00

ISO/DIS 81060-2, Non-invasive sphygmomanometers - Part 2: Clinical validation of automated measurement type - 9/14/2008, $107.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO/DIS 2129, Geometrical Product Specifications (GPS) - Indication of dimensions and tolerances - Mechanical engineering drawings - 9/13/2008, $107.00

FLUID POWER SYSTEMS (TC 131)

ISO/DIS 8139, Pneumatic fluid power - Cylinders, 1 000 kPa (10 bar) series - Mounting dimensions of rod end spherical eyes - 9/13/2008, $33.00

ISO/DIS 8140, Pneumatic fluid power - Cylinders, 1 000 kPa (10 bar) series - Mounting dimensions of rod end clevis - 9/13/2008, $33.00

GAS TURBINES (TC 192)

ISO/DIS 26382, Cogeneration systems - Technical declarations for planning - 9/14/2008, $88.00

PLASTICS PIPES, FITTINGS AND VALVES FOR THE TRANSPORT OF FLUIDS (TC 138)

ISO/DIS 13967, Thermoplastics fittings - Determination of ring stiffness - 9/18/2008, $62.00

PUMPS (TC 115)

ISO/DIS 9906, Rotodynamic pumps - Hydraulic performance acceptance tests - 9/13/2008, $125.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 8729-2, Ships and marine technology - Marine radar reflectors - Part 2: Active type - 9/13/2008, $77.00

STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)

ISO/DIS 25424, Sterilization of medical devices - Low temperature steam and formaldehyde - Requirements for development, validation and routine control of a sterilization process for medical devices - 9/13/2008, $107.00

TECHNICAL DRAWINGS, PRODUCT DEFINITION AND RELATED DOCUMENTATION (TC 10)

ISO/DIS 81714-1, Design of graphical symbols for use in the technical documentation of products - Part 1: Basic rules - 9/13/2008, $62.00

IEC Standards

13/1430/FDIS, IEC 62058-11: Electricity metering equipment (AC) - Acceptance inspection - Part 11: General acceptance inspection methods, 08/15/2008

13/1431/FDIS, IEC 62058-21: Electricity metering equipment (AC) - Acceptance inspection - Part 21: Particular requirements for electromechanical meters for active energy (classes 0,5, 1 and 2), 08/15/2008

13/1432/FDIS, IEC 62058-31: Electricity metering equipment (AC) - Acceptance inspection - Part 31: Particular requirements for static meters for active energy (classes 0,2 S, 0,5 S, 1 and 2), 08/15/2008

100/1405/FDIS, IEC 62379-2: Common control interface - Part 2: Audio, 08/15/2008

47/1975/FDIS, IEC 62047-4, Ed. 1: Semiconductor devices - Micro-electromechanical devices - Part 4: Generic specification for MEMS, 08/08/2008

48B/1915/FDIS, IEC 60512-25-9 Ed. 1.0: Connectors for electrical equipment - Tests and measurements - Part 25-9: Signal integrity tests - Test 25i: Alien crosstalk, 08/08/2008

48B/1916/FDIS, IEC 61076-3-116 Ed. 1.0: Connectors for electronic equipment - Product requirements - Part 3-116: Rectangular connectors - 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, 08/08/2008

106/156/FDIS, IEC 62369 Ed.1: Evaluation of human exposure to electromagnetic fields from short range devices (srds) in various applications over the frequency range 0 ghz to 300 ghz - Part 1: Fields produced by devices used for electronic article surveillance, radio frequency identification and similar systems, 08/08/2008

17B/1601/FDIS, IEC 60947-3 Ed.3: Low-voltage switchgear and controlgear - Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units, 08/01/2008

36B/277/FDIS, IEC 61467 Ed. 1.0: Insulators for overhead lines - Insulator strings and sets for lines with a nominal voltage greater than 1 000 V - AC power arc tests, 08/01/2008

51/934/FDIS, IEC 62317-14 Ed.1: Ferrite cores - Dimensions - Part 14: EFD-cores for use in power supply applications, 08/01/2008

88/318/FDIS, IEC 61400-25-4 Ed.1: Wind turbines - Part 25-4: Communications for monitoring and control of wind power plants - Mapping to communication profile, 08/01/2008

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

ACOUSTICS (TC 43)

ISO 3382-2:2008, Acoustics - Measurement of room acoustic parameters - Part 2: Reverberation time in ordinary rooms, $92.00

BASES FOR DESIGN OF STRUCTURES (TC 98)

ISO 13823:2008, General principles on the design of structures for durability, $135.00

BUILDING CONSTRUCTION (TC 59)

ISO 15686-5:2008, Buildings and constructed assets - Service-life planning - Part 5: Life-cycle costing, $141.00

ISO 15686-8:2008, Buildings and constructed assets - Service-life planning - Part 8: Reference service life and service-life estimation, $135.00

CHAINS AND CHAIN WHEELS FOR POWER TRANSMISSION AND CONVEYORS (TC 100)

ISO 10190:2008, Motorcycle chains - Characteristics and test methods, $86.00

DENTISTRY (TC 106)

ISO 3823-2/Amd1:2008, Dental rotary instruments - Part 2: Steel and carbide finishing burs - Amendment 1, $16.00

EARTH-MOVING MACHINERY (TC 127)

ISO 16754:2008, Earth-moving machinery - Determination of average ground contact pressure for crawler machines, $49.00

HEALTH INFORMATICS (TC 215)

ISO 27799:2008, Health informatics - Information security management in health using ISO/IEC 27002, $157.00

INDUSTRIAL TRUCKS (TC 110)

ISO 22915-8:2008, Industrial trucks - Verification of stability - Part 8: Additional stability test for trucks operating in the special condition of stacking with mast tilted forward and load elevated, $43.00

ISO 22915-10:2008, Industrial trucks - Verification of stability - Part 10: Additional stability test for trucks operating in the special condition of stacking with load laterally displaced by powered devices, $43.00

ISO 22915-20:2008, Industrial trucks - Verification of stability - Part 20: Additional stability test for trucks operating in the special condition of offset load, offset by utilization, $43.00

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

ISO 13628-11/Cor1:2008, Petroleum and natural gas industries - Design and operation of subsea production systems - Part 11: Flexible pipe systems for subsea and marine applications - Corrigendum, FREE

ISO 28300:2008, Petroleum, petrochemical and natural gas industries - Venting of atmospheric and low-pressure storage tanks, $180.00

MECHANICAL TESTING OF METALS (TC 164)

ISO 7500-1/Cor1:2008, Metallic materials - Verification of static uniaxial testing machines - Part 1: Tensile testing machines - Corrigendum, FREE

NATURAL GAS (TC 193)

ISO 15970:2008, Natural gas - Measurement of properties - Volumetric properties: density, pressure, temperature and compression factor, $149.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 24157:2008, Ophthalmic optics and instruments - Reporting aberrations of the human eye, $122.00

PLASTICS (TC 61)

ISO 11357-6:2008, Plastics - Differential scanning calorimetry (DSC) - Part 6: Determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (dynamic OIT), $73.00

QUALITY MANAGEMENT AND CORRESPONDING GENERAL ASPECTS FOR MEDICAL DEVICES (TC 210)

ISO 15223-1/Amd1:2008, Medical devices - Symbols to be used with medical device labels, labelling and information to be supplied - Part 1: General requirements - Amendment 1, $16.00

STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)

ISO 13408-1:2008, Aseptic processing of health care products - Part 1: General requirements, $141.00

THERMAL INSULATION (TC 163)

ISO 12241:2008, Thermal insulation for building equipment and industrial installations - Calculation rules, $141.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO 6488/Cor1:2008, Tobacco - Determination of water content (Reference method) - Corrigendum, FREE

WELDING AND ALLIED PROCESSES (TC 44)

ISO 24034/Amd1:2008, Welding consumables - Solid wires and rods for fusion welding of titanium and titanium alloys - Classification - Amendment 1, $16.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 10779:2008, Information technology - Office equipment accessibility guidelines for elderly persons and persons with disabilities, $104.00

ISO/IEC 19762-1:2008, Information technology - Automatic identification and data capture (AIDC) techniques - Harmonized vocabulary - Part 1: General terms relating to AIDC, $129.00

ISO/IEC 19762-2:2008, Information technology - Automatic identification and data capture (AIDC) techniques - Harmonized vocabulary - Part 2: Optically readable media (ORM), $104.00

ISO/IEC 19762-3:2008, Information technology - Automatic identification and data capture (AIDC) techniques - Harmonized vocabulary - Part 3: Radio frequency identification (RFID), $92.00

ISO/IEC 19762-4:2008, Information technology - Automatic identification and data capture (AIDC) techniques - Harmonized vocabulary - Part 4: General terms relating to radio communications, $116.00

ISO/IEC 19762-5:2008, Information technology - Automatic identification and data capture (AIDC) techniques - Harmonized vocabulary - Part 5: Locating systems, $43.00

ISO/IEC 26514:2008, Systems and software engineering - Requirements for designers and developers of user documentation, $220.00

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 18037:2008, Programming languages - C - Extensions to support embedded processors, $193.00

IEC Standards

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

IEC 62227 Ed. 1.0 en:2008, Multimedia home server systems - Digital rights permission code, $235.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

IEC 60601-2-29 Ed. 3.0 b:2008, Medical electrical equipment - Part 2-29: Particular requirements for the basic safety and essential performance of radiotherapy simulators, $117.00

IEC 62220-1-3 Ed. 1.0 b:2008, Medical electrical equipment - Characteristics of digital X-ray imaging devices - Part 1-3: Determination of the detective quantum efficiency - Detectors used in dynamic imaging, $143.00

ELECTROMAGNETIC COMPATIBILITY (TC 77)

IEC 61000-4-7 Amd.1 Ed. 2.0 b:2008, Amendment 1 - Electromagnetic compatibility (EMC) - Part 4-7: Testing and measurement techniques - General guide on harmonics and interharmonics measurements and instrumentation, for power supply systems and equipment connected thereto, $117.00

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

IEC 60512-16-1 Ed. 1.0 b:2008, Connectors for electronic equipment - Tests and measurements - Part 16-1: Mechanical tests on contacts and terminations - Test 16a: Probe damage, $31.00

IEC 60512-16-2 Ed. 1.0 b:2008, Connectors for electronic equipment - Tests and measurements - Part 16-2: Mechanical tests on contacts and terminations - Test 16b: Restricted entry, $26.00

IEC 60512-16-4 Ed. 1.0 b:2008, Connectors for electronic equipment - Tests and measurements - Part 16-4: Mechanical tests on contacts and terminations - Test 16d: Tensile strength (crimped connections), $31.00

FIBRE OPTICS (TC 86)

IEC 61753-031-6 Ed. 1.0 en:2008, Fibre optic interconnecting devices and passive components performance standard - Part 031-6: Non-connectorized single-mode 1xN and 2xN non-wavelength-selective branching devices (NWBD) for Category O - Uncontrolled environment, $97.00

IEC 61753-085-2 Ed. 1.0 en:2008, Fibre optic interconnecting devices and passive components performance standard - Part 085-2: Non-connectorized single-mode pigtailed CWDM devices for category C - Controlled environment, $66.00

LASER EQUIPMENT (TC 76)

IEC 60825-4 Amd.1 Ed. 2.0 b:2008, Amendment 1 - Safety of laser products - Part 4: Laser guards, $61.00

OTHER

IECQ 001002-5 Ed. 3.0 en:2008, Rules of Procedure - Part 5: Hazardous Substance Process Management Requirements (IECQ HSPM), FREE DOWNLOAD

STANDARD VOLTAGES, CURRENT RATINGS AND FREQUENCIES (TC 8)

IEC/TR 62510 Ed. 1.0 en:2008, Standardising the characteristics of electricity, $51.00

TERMINOLOGY (TC 1)

IEC 60050-461 Ed. 2.0 b:2008, International Electrotechnical Vocabulary - Part 461: Electric cables, $250.00

IEC 60050-851 Ed. 2.0 b:2008, International Electrotechnical Vocabulary - Part 851: Electric welding, $204.00

UNINTERRUPTIBLE POWER SYSTEMS (UPS) (TC 22H)

IEC 62040-1 Ed. 1.0 b:2008, Uninterruptible power systems (UPS) - Part 1: General and safety requirements for UPS, $235.00

IEC 62310-3 Ed. 1.0 b:2008, Static transfer systems (STS) - Part 3: Method for specifying performance and test requirements, $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.

Call for Members

Z21/83 Committee on Standards for Performance and Installation of Gas Burning Appliances and Related Accessories

CSA America Inc. is the ANSI accredited standards developer responsible for the Z21/83 Committee on Standards for Performance and Installation of Gas Burning Appliances and Related Accessories. CSA America is currently seeking members for the Z21/83 Committee in the following categories:

- Consumer or User,
- Government Agency,
- Gas Supplier (natural or propane),
- Regulatory/Code Authority,
- Individual, and
- General Interest.

Please contact Ms. Cathy Rake, Project Manager, Standards at (216) 524-4990, x 8321, or by e-mail: cathy.rake@csa-america.org; or contact Mr. Allen J. Callahan, Manager, Standards at (216) 524-4990, x 8268, or by e-mail: al.callahan@csa-america.org, if you are interested in applying for membership.

PINS Correction

BSR/HI 50.7-200x

BSR/HI 50.7-200x, Electronic Data Exchange for Pump Data (new standard) was mistakenly listed in the PINS section of the June 13, 2008 Standards Action.

ANSI Accredited Standards Developers

Approval of Reaccreditation

ASIS International

ANSI's Executive Standards Council has approved the reaccreditation of ASIS International, an ANSI Organizational Member since 2002, under revised operating procedures for documenting consensus on proposed American National Standards, effective June 12, 2008. For additional information, please contact: Ms. Susan Carioti, Assistant Director of Education, Standards & Guidelines, ASIS International, 1625 Prince Street, Alexandria, VA 22314-2818; PHONE: (703) 518-1416; FAX: (703) 519-1501; E-mail: scarioti@asisonline.org.

Reaccreditation

ASC Z133 – Safety in Tree Trimming Operations

Comment Deadline: July 21, 2008

Accredited Standards Committee Z133, Safety in Tree Trimming Operations, has submitted revisions to the operating procedures under which it was originally accredited. As these revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of ASC Z133's revised operating procedures, or to offer comments, please contact the Secretariat of ASC Z133, the International Society of Arboriculture: Ms Sharon Lilly, Director of Educational Goods & Services, International Society for Arboriculture, P.O. Box 3129, Champaign, IL 61826-3129; PHONE: (217) 355-9411, ext. 209; FAX: (217) 355-9516; E-mail: slilly@isa-arbor.com. You may view/download a copy of the revisions during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d.

As these revisions are available electronically, the public review period is 30 days. Please submit your comments to ISA by July 21, 2008, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (FAX: (212) 840-2298; E-mail: Jthompso@ANSI.org).

International Organization for Standardization (ISO)

Relinquishment on January 1, 2009 of International (ISO) Secretariat

ISO/TC 24/SC 4 – Sizing by methods other than sieving

Comment Deadline: June 25, 2008

ANSI has been advised that ASTM International will be relinquishing the delegated ANSI Secretariat for ISO/TC 24/SC 4.

This SC is covered by the scope of the main Technical Committee (ISO/TC 24), as follows:

> Standardization pertaining to equipment and methods used in size classification of particulate material in solid or liquid state.

Anyone wishing to comment on the relinquishment of the ISO/TC 24/SC 4 Secretariat, please contact Henrietta Scully, ANSI, via e-mail at hscully@ansi.org by June 25th.

U.S. Technical Advisory Groups

Approval of Reaccreditation

U.S. TAG to ISO/TC 67 – Materials, Equipment and Offshore Structures for Petroleum, Petrochemical and Natural Gas Industries

ANSI's Executive Standards Council has approved the reaccreditation of the ANSI U.S. Technical Advisory Group to ISO/TC 67, Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries, under revised operating procedures and with the American Petroleum Institute (API) continuing as TAG Administrator, effective June 12, 2008. For additional information, please contact: Ms. Shail Ghaey, International Standards Associate, American Petroleum Institute, 1220 L Street, NW, Washington, DC 20005; PHONE: (202) 682-8056; FAX: (202) 692-4797; E-mail: ghaeys@api.org.

2nd Public Review – Z136.5 Safe Use of Lasers in Educational Institutions

Addition of definition:
high school. High school typically refers to grades 9 to 12.

Clause 5.2:
The administration of educational facilities ~~shall~~ should establish an ELSC...

Clause 8 (in response to negative ballot):
Thus, it is ~~a~~ good practice to maintain exposure levels ~~as far~~sufficiently below the MPE ~~as is practicable~~to avoid discomfort.

Appendix F, Change "will" to "shall" throughout section:
The LSO ~~will~~ shall ensure that all individuals using Class 2, 2M, 3R, 3B, and 4 lasers....

F1.3 Specific LSO Responsibilities. The LSO ~~will~~shall:

- The LSO ~~will~~ shall annually submit a written report to the administration...
- The hazard evaluation ~~will~~ shall consider the level of maturity and ability of students.
- Lasers ~~will~~ shall not be operated if student behavior is rowdy or disruptive.

The ELSC ~~will~~ shall ensure that faculty, staff, and students are provided with proper laser safety information...

The committee ~~will~~ shall establish and maintain adequate policies...

These policies and safety practices ~~will~~ shall be set forth in a Standard Operating Procedure...

The LSO ~~will~~ shall review and approve all SOPs for compliance...

The LSO ~~will~~ shall approve a lesson plan involving the demonstration of a laser product.

Appendix G (in response to negative ballot):
Other arguments in favor of performing extensive medical surveillance have been based on the fear that repeated accidents might occur and the faculty, staff and students would not report minimal acute injuries. The limited number of laser injuries that have been reported in the last 30 years and the excellent safety records with laser devices do not provide support to this argument.

Appendix I, Change "will" to "shall" throughout section:
The faculty member responsible for the laboratory or lecture session ~~will~~shall inform the students of the potential hazards...

Persons who have not received such instruction ~~will~~ shall not be permitted to operate...

Faculty, staff, or students utilizing Class 1M, 2, 2M and 3R lasers ~~will~~ shall not stare into the direct or specularly reflected laser beam...

Appropriate CAUTION or DANGER signs, as approved by the LSO, ~~will~~ shall be prominently posted...

Class 1M, 2, 2M and Class 3R lasers ~~will~~ shall not be left unattended, and ~~will~~ shall be turned off after use.

Power supplies ~~will~~ shall only be serviced by a person or persons trained to do so.

ONLY STUDENTS AUTHORIZED BY AN INSTRUCTOR ~~WILL~~ SHALL OPERATE THIS LASER

Introduction: Class ~~1M,~~ 2~~,~~ ~~2M~~ and 3R lasers include, for example, helium-neon or diode lasers whose visible output power is between 1 and 5 mW.

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 manufacturers minimum rated dose. The average UV intensity as measured by the sensor, will be evaluated against ~~for~~ the average flow rate for the duration of the life test. ~~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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BSR/UL 4

3.1 In addition to being stated in the inch/pound units that are customary in the USA, each of the requirements in this standard is also stated in units that make the requirement conveniently usable in countries employing the ~~various~~ metric system~~s~~ (practical SI ~~and customary~~). Equivalent - although not necessarily exactly identical - results are to be expected from applying a requirement in USA or metric terms. Equipment calibrated in metric units is to be used when a requirement is applied in metric terms.

5.1.1 Only copper, copper-clad aluminum, or an acceptable aluminum alloy shall be used for the conductors in a cable. Soft-annealed copper shall comply with the American Society for Testing and Materials Standard Specification for Soft or Annealed Copper Wire, ASTM B 3~~-01~~. Solid 12 - 8 AWG aluminum conductors shall comply with the requirements for aluminum-wire stock (aluminum-alloy conductor material). All aluminum conductors shall comply with the requirements for semi-annealed 8000 series conductors in Section 10 of UL 1581. Copper-clad aluminum conductors shall comply with the requirements for copper-clad aluminum conductors in Section 11 of UL 1581. In a given cable, all conductors need not be of the same metal.

7.2.4 Aluminum strip shall have a tensile strength of not less than 38,000 lbf/in^2 or 262 MPa ~~MN/m^2 or 26,200 N/cm^2 or 26.7 kgf/mm^2~~. Zinc-coated steel strip shall have a tensile strength of not less than 40,000 lbf/in^2 or 276 MPa ~~MN/m^2 or 27,600 N/cm^2 or 28.1 kgf/mm^2~~. The tensile strength shall be determined on longitudinal specimens consisting of the full width of the strip when practical and otherwise on a straight specimen slit from the center of the strip. The test shall be made prior to application of the strip to the cable.

17.2 An insulated conductor intended for use as an ungrounded circuit conductor in an armored cable shall be finished to show a color or combination of colors other than and in contrast with white, gray, ~~or~~ and green. The outer surface so colored also complies with the intent of this requirement where it contains any one of the following throughout the length of the wire or cable in a color or combination of colors other than and in contrast with, white, gray, ~~or~~ and green:

a) One or more broken or unbroken straight or helical stripes.
b) An unbroken series of identical hash marks or other symbols with dimensions as specified for stripes and with regular spacing.
c) Numerals, letters, and/or words that comply with this Standard.

See 17.5 for details on stripes. The markings covered in this paragraph shall not conflict with or be confusable with any of the other markings required or otherwise covered in this standard.

BSR/UL 723 Test for Surface Burning Characteristics of Building Materials

5.9 With the test equipment adjusted and conditioned as described in 5.2, 5.4, 5.5, and 5.7, a test or a series of tests are to be made, using nominal 23/32 inch (18.2 mm) select-grade red-oak flooring as the sample, conditioned to 6 - 8 percent moisture content using one of the following two methods:

a) Oven Dry Method: As determined by the 221°F (105°C) oven dry method described in the Test Methods for Direct Moisture Content Measurement of Wood and Wood-Base Materials, ASTM D 4442-92(2003). From trimmed sections of the calibration decks, prepare a minimum of six specimens 4 +1/16 -0 inches (100 +2 -0 mm) long. The specimens shall be free from visible irregularities of knots, decay, reaction wood, and resin concentration. Place the trimmed sections adjacent to the calibration decks in a conditioning atmosphere that will result in an average moisture content of 7 ±1.0% ~~+0.5%~~. Using either a conductance or dielectric type meter (calibrated per Test Methods D 4444 for red oak species), monitor moisture content until the desired level is reached. Subject the trimmed sections only to the secondary oven-drying method (Method B) in Test Methods D 4442 for the final determination of moisture content.

b) Moisture Meter Method: Place the calibration decks in a conditioning atmosphere that will result in an average moisture content of 7 ±1.0% ~~0.5%~~. Using either a conductance or dielectric type meter (calibrated per Test Methods D 4444 for red oak species), monitor moisture content until the desired level is reached. The final determination of average moisture content of the test sample is to be determined as follows. Take 10 readings on each of the three red oak decks such that a representative sampling is obtained over the entire area of the deck. The moisture content of the test sample shall be an arithmetic average of the 30 readings.

6.7 The flame-spread distance and change in photoelectric-cell readings are to be plotted as ~~was used for the plots~~ specified in 5.10 for use in determining the flame spread and smoke-developed indices as described in Classification, Section 7. The flame spread observations are to be recorded at the time of occurrence or at time intervals not in excess of 30 seconds if no flame advancement is noted. In addition, the peak is to be noted, together with the time of occurrence. Flame spread distance is to be the observed distance minus 4-1/2 feet (1.37 m).

7.1.6 The test results for smoke density are to be plotted and the area under this curve is to be divided by the area under the curve for red oak and multiplied by 100 to establish a numerical index by which the performance of the material is to be compared with that of inorganic reinforced cement board and select-grade red-oak flooring which have been arbitrarily established as zero and 100, respectively. In the unlikely event of particulate blockage of the photocell, the test shall be deemed invalid and re-conducted, or a qualifying notation shall be included in the test report.

BSR/UL 858, the Standard for Safety for Household Electric Ranges

1. Addition of Paragraph 25.1.11 to Prevent an Element from being Switched ON with the Switch in the OFF Position

PROPOSAL

25.1.11 The wiring of surface element switches and the elements they control shall be such that no element will get turned on with its switch in the OFF position with one set of contacts in closed position by actuating the switch of another element.

2. Editorial Revisions

PROPOSALS

~~1.7 A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements in this standard, and that involves a risk of fire or of electric shock or injury to persons shall be evaluated using appropriate additional component and end-product requirements to maintain the level of safety as originally anticipated by the intent of this standard. A product whose features, characteristics, components, materials, or systems conflict with specific requirements or provisions of this standard does not comply with this standard. Revision of requirements shall be proposed and adopted in conformance with the methods employed for development, revision, and implementation of this standard.~~

7.1.9 With reference to 7.1.8, glass, other than a cooking surface, having a dimension, including a diagonal, more than 12 in (305 mm) shall:

a) Be a nonshattering or tempered type that complies with the requirements in the ~~Safety~~ Performance Specifications and Methods of Test for Safety Glazing Materials Used in Buildings, ANSI Z97.1~~-1984~~ Class A, or

b) Withstand the impact described in 73.1, without cracking or breaking to the extent that pieces are released or dropped from their normal position.

32.2 With reference to 32.1 (b), the glass shall not be less than 0.115 in (2.9 mm) thick and shall:

a) Be of a nonshattering or tempered type that complies with the requirements in the Performance Specifications and Methods of Test~~s~~ for Safety Glazing Material~~s~~ Used in Buildings, ANSI Z97.1~~-1975~~ Class A; or

b) Withstand an impact, as described in 32.3, without cracking or breaking to the extent that pieces are released or dropped from their normal position.

74.2.1 Five samples of the materials to be secured are to be bonded together with the candidate adhesive. The samples are to then be conditioned for 1000 h in a circulating-air oven at 10°C (18°F) above the maximum stabilized temperature measured for the ~~Normal~~ Temperature Test, Section 56 ~~37~~.

79.1 The marking required by 79.2 - 79.21 ~~79.19~~ shall be readily visible during installation and during inspection of the supply-wiring connections.

80.1 The marking required by 80.5 - 80.11 ~~80.10~~ shall be readily visible after the appliance is installed as intended.

81.2.1 The markings required by 81.2.2 - 81.2.8 ~~81.2.5~~ shall be readily visible to the user during operation of the appliance.

82.1 An appliance shall be provided with installation instructions in accordance with 82.2 - 82.16 ~~82.13~~. The installation instructions shall be packaged or otherwise kept together and shall be marked with the following or its equivalent: "Important - Save for the local electrical inspector's use."
Exception: The marking may be omitted if the installation instructions are permanently attached to the appliance in a location that is readily visible during installation and inspection.

93.4 The surfaces of the test enclosure are to be covered with cheesecloth and the appliance provided with a 3-A fuse as described in 92.3.2. The appliance is to be installed, connected, and operated as described in 90.1.1 - 90.2.4 ~~90.2.2~~, except that:

a) The electronic control component under consideration shall be defeated in accordance with the Failure Mode and Effect Analysis requirements in the Standard for Safety-Related Solid-State Controls for Household Electric Ranges, UL 858A; and

b) All other oven temperature-regulating and -limiting controls are to be defeated so as to result in maximum heating conditions.

BSR/UL 1123 Proposal to revise Supplement SG: Type V Rescuer's Harness PFD

SG9.3 Five samples of the rescuer's harness are to be weathered by being exposed either to CA $_{100}$ ~~hours~~ or ~~either~~ Xe $_{500}$ ~~hours~~ as specified in the Sample Conditioning Table in UL 1191. ~~or of light and water exposure in accordance with Method 1 of ASTM G23-96 using Apparatus E, but with No. 15 copper clad lower arcs, and a black panel temperature of 68 ±5°C. The hardware is located in the same horizontal plane as the center of the arcs during the exposure~~ These weathered samples are then tested in accordance with SG9.4.

BSR/UL 1699

40.4.3 The cord specimens shall be conditioned using a supply of sufficient voltage(s) and current(s) to rapidly pyrolyze the insulation at the slit in the cord and create a carbonized conductive path across the insulation between the cord conductors. The carbonized path shall be considered complete if a 100 W incandescent lamp in series with the path draws 0.3 A or can start to glow at 120 V. The following steps are one method that is known to produce such a carbonized path:

a) The cord specimen is to be connected to a circuit providing 30 mA short circuit current and an open circuit voltage of at least 7 kV. The circuit is to be energized for approximately 10 seconds or until the smoking stops.

b) The cord specimen is to be connected to a circuit providing 300 mA short circuit at a voltage of at least 2 kV or sufficient to cause the current to flow. The circuit is to be energized for approximately one minute or until the smoking stops.

It shall be permissible to modify the test circuit such that current does not flow through the device under test during the high voltage conditioning cycle.