

Contents

American National Standards

Call for Comment on Standards Proposals	2
Call for Comment Contact Information	5
Call for Members (ANS Consensus Bodies)	7
Final Actions	8
Project Initiation Notification System (PINS)	9

International Standards

ISO and IEC Draft Standards	12
ISO Newly Published Standards	13
Proposed Foreign Government Regulations	15
Information Concerning	16

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, in accordance with the developer's procedures.

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

Comment Deadline: December 13, 2009

LIA (ASC Z136) (Laser Institute of America)

Revisions

BSR Z136.4-201x, Recommended Practice for Laser Safety Measurements for Hazard Evaluation (revision of ANSI Z136.4-2005)

Provides adequate, practical guidance for necessary measurement procedures used for classification and hazard evaluation of lasers. This document is intended to provide guidance for manufacturers, laser safety officers (LSOs), and trained laser users.

[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, (407) 380-1553 x28, bsams@laserinstitute.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 1286-201x, Standard for Safety for Office Furnishings (revision of ANSI/UL 1286-2009b)

Revises the Receptacle Orientation and Spill Test requirements.

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

Send comments (with copy to BSR) to: Susan Malohn, (847) 664-1725, Susan.P.Malohn@us.ul.com

Comment Deadline: December 28, 2009

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions

BSR/AAMI/ISO 14155-201x, Clinical investigation of medical devices for human subjects - Good clinical practice (identical national adoption of ISO 14155)

Addresses good clinical practices for the design, conduct, recording and reporting of clinical investigations carried out in human subjects to assess the safety and performance of medical devices for regulatory purposes.

Single copy price: \$25.00

Obtain an electronic copy from: hwoehrle@aami.org

Order from: AAMI

Send comments (with copy to BSR) to: Hillary Woehrle, (703) 525-4890 x215, hwoehrle@aami.org

ADA (American Dental Association)

Revisions

BSR/ADA Specification No. 1047-201x, Standard Content of an Electronic Periodontal Attachment (revision of ANSI/ADA 1047-2006)

Develops uniform content requirements for documentation to be included in a periodontal attachment. Attachment documentation specified in this standard will enable, for various periodontal procedures, claims adjudication both for predetermination of estimated benefits and for payment for actual services.

Single copy price: \$37.00

Obtain an electronic copy from: wardm@ada.org

Order from: Marilyn Ward, (312) 440-2506, wardm@ada.org

Send comments (with copy to BSR) to: Paul Bralower, (312) 587-4129, bralowerp@ada.org

ASA (ASC S12) (Acoustical Society of America)

Revisions

BSR/ASA S12.42-201x, Methods for the Measurement of Insertion Loss of Hearing Protection Devices in Continuous or Impulsive Noise Using Microphone-in-Real-Ear or Acoustic Test Fixture Procedures (revision and redesignation of ANSI S12.42-1995 (R2004))

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. This standard 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.

Single copy price: \$120.00

Obtain an electronic copy from: asastds@aip.org

Order from: Susan Blaeser, (631) 390-0215, sblaeser@aip.org; asastds@aip.org

Send comments (with copy to BSR) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

New Standards

BSR ATIS 0600015.04-201x, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting DC Power Plant - Rectifier Requirements (new standard)

Provides requirements for how equipment vendors shall respond to a TEER request based on a specific application description by making use of relevant data from internal and independent test reports.

Single copy price: \$55.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerriane Conn, (202) 434-8841, kconn@atis.org

Send comments (with copy to BSR) to: Same

ESTA (Entertainment Services and Technology Association)

New Standards

BSR E1.28-201x, Guidance on planning followspot positions in places of public assembly (new standard)

Offers guidance on the planning of permanent followspot positions. This standard is a guidance document, not a mandatory compliance document. The document offers recommendations on the locations of the followspot positions within the venue, the power likely to be needed, the waste heat generated, the amount of space likely to be needed, and the fall protection and egress issues to be considered for the operators' safety, among other things.

Single copy price: Free

Obtain an electronic copy from:

http://www.esta.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, standards@esta.org

Send comments (with copy to BSR) to: Same

ISA (ISA)

New Standards

BSR/ISA 88.00.01-201x, Batch Control - Part 1: Models and Terminology (new standard)

Defines reference models for batch control as used in the process and related industries, and terminology that helps explain the relationships between these models and terms.

Single copy price: \$99.00 USD

Obtain an electronic copy from: crobinson@isa.org

Order from: Charles Robinson, (919) 990-9213, crobinson@ISA.org

Send comments (with copy to BSR) to: Same

NSF (NSF International)**Revisions**

BSR/NSF 49-201x (j23), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2002)

Issue 23 - Disallows certification of direct-connected Type A biosafety cabinets.

Single copy price: Free

Obtain an electronic copy from:

http://standards.nsf.org/apps/group_public/ballot.php?id=973

Order from: Mindy Costello, (734) 827-6819, mcostello@nsf.org

Send comments (with copy to BSR) to: Same

SPRI (Single Ply Roofing Institute)**New Standards**

BSR/SPRI GD-1-201x, Structural Design Standard for Gutter Systems Used with Low-Slope Roofs (new standard)

Specifies structural design for external gutters used with low-slope, (2 in 12) roofing on buildings less than or equal to 60 ft (18 m) in height.

Single copy price: \$5.00

Obtain an electronic copy from: info@spri.org

Order from: Linda King, (781) 647-7026, info@spri.org

Send comments (with copy to BSR) to: Same

UL (Underwriters Laboratories, Inc.)**Revisions**

BSR/UL 300-201x, Standard for Safety for Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment (revision of ANSI/UL 300-2005)

Examines the compatibility of the requirements specified in UL 300 with the requirements specified in NFPA 96, NFPA 17A, and NFPA 17.

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: Valara Davis, (919) 549-0921, Valara.Davis@us.ul.com

BSR/UL 796-201x, Standard for Safety for Printed-Wiring Boards (revision of ANSI/UL 796-2009)

The proposals for UL 796 include changes to construction and performance 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: Derrick Martin, (408) 754-6656, Derrick.L.Martin@us.ul.com

Comment Deadline: January 12, 2010

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

ASME (American Society of Mechanical Engineers)**New Standards**

BSR/ASME B18.6.8-201x, Thumb Screws and Wing Screws (new standard)

Covers the general and dimensional data for the various types of thumb screws and wing screws recognized as Standard. The inclusion of dimensional data in this standard is not intended to imply that all of the products described are stock production sizes. Purchasers must consult with suppliers concerning stock sizes.

Single copy price: Free

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

Send comments (with copy to BSR) to: Angel Guzman, (212) 591-8018, guzman@asme.org

Revisions

BSR/ASME B18.2.4.6M-201x, Metric Heavy Hex Nuts (revision of ANSI/ASME B18.2.4.6M-1979 (R2003))

Covers the complete general and dimensional data for metric heavy hex nuts M12 through M100 recognized as the American National Standard. The inclusion of dimensional data in this Standard is not intended to imply that all of the nut sizes in conjunction with the various options described herein are stock items. Purchasers should consult with suppliers concerning lists of stock production heavy hex nuts.

Single copy price: \$35.00

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: Angel Guzman, (212) 591-8018, guzman@asme.org

BSR/ASME PTC 12.2-201x, Steam Surface Condensers (revision of ANSI/ASME PTC 12.2-1998)

Provides standard directions and rules for conducting and reporting performance tests of water-cooled, steam surface condensers. The Code provides explicit test procedures for performing a reasonably accurate, pragmatic level of performance testing. If higher levels of accuracy are desired, the Alternative Test, can be performed in lieu of the Test.

Single copy price: \$150.00

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, (212) 591-8552, karianj@asme.org

Technical Reports Registered with ANSI

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

Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to the PSA Center, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or E-Mail to psa@ansi.org.

Comment Deadline: December 13, 2009

ADA (American Dental Association)

ANSI/ADA TR-1051-2010, DICOM Requirements for Digital Imaging in Institutional Dentistry (TECHNICAL REPORT) (technical report)

Provides a technical specification based on the DICOM Standard as it applies to dentistry with the goal of increasing interoperability within and between institutional digital radiographic systems.

Single copy price: \$70.00

Order from: www.adacatalog.org

Send comments (with copy to BSR) to: Paul Bralower, (312) 587-4129, bralowerp@ada.org

ISA (ISA)

BSR/ISA TR12.13.03-2009, Guide for Combustible Gas Detection as a Method of Protection (TECHNICAL REPORT) (technical report)

Combustible gas detection used for process safety management may also be used to provide protection from explosion or fires by minimizing the possibility of an accumulation of combustible gases reaching ignitable levels. Criteria are developed to establish combustible gas levels to initiate alarms, initiate increase in ventilation rates and to initiate shutdown of processes to shutoff the flow of combustible gas that has breached containment. It is the intent of this document to compile and refine techniques for the use of combustible gas sensors and controllers to monitor and control sources of combustible gas release into the atmosphere within designated spaces. It is also the intent that these products and techniques be adapted by industries and used with processes that have historically not employed combustible gas detection as a method of protection.

Single copy price: \$40.00

Order from: Eliana Beattie, (919) 990-9228, ebeattie@isa.org

Send comments (with copy to BSR) to: Same

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 East Chicago Avenue
Chicago, IL 60611-2678
Phone: (312) 440-2506
Fax: (312) 440-2529

Web: www.ada.org

ASA (ASC S12)

Acoustical Society of America

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

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

Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

ATIS

Alliance for Telecommunications
Industry Solutions

1200 G Street, NW
Suite 500
Washington, DC 20005

Phone: (202) 434-8841
Fax: (202) 347-7125
Web: www.atis.org

comm2000

1414 Brook Drive
Downers Grove, IL 60515

ESTA

Entertainment Services and
Technology Association

875 Sixth Avenue, Suite 1005
New York, NY 10001
Phone: (212) 244-1505
Fax: (212) 244-1502
Web: www.esta.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

NSF

NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-6819
Fax: (734) 827-7875

Web: www.nsf.org

SPRI

Single Ply Roofing Institute

411 Waverley Oaks Road
Suite 331B
Waltham, MA 02452

Phone: (781) 647-7026
Fax: (781) 647-7222
Web: www.spri.org

Send comments to:

AAMI

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

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Fax: (312) 440-2529
Web: www.ada.org

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Acoustical Society of America

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Phone: (631) 390-0215
Fax: (631) 390-0217
Web: asa.aip.org/index.html

ASME

American Society of Mechanical
Engineers

3 Park Avenue, 20th Floor 20S2
New York, NY 10016
Phone: (212) 591-8018
Fax: (212) 591-8501
Web: www.asme.org

ATIS

Alliance for Telecommunications
Industry Solutions

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

ESTA

Entertainment Services and
Technology Association

875 Sixth Avenue, Suite 1005
New York, NY 10001
Phone: (212) 244-1505
Fax: (212) 244-1502
Web: www.esta.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

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

NSF

NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-6819
Fax: (734) 827-7875
Web: www.nsf.org

SPRI

Single Ply Roofing Institute

411 Waverley Oaks Road
Suite 331B
Waltham, MA 02452
Phone: (781) 647-7026
Fax: (781) 647-7222
Web: www.spri.org

UL

Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-1725
Fax: (847) 407-1725
Web: www.ul.com/

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 1110 N. Glebe Rd. Ste. 220
Arlington, VA 22201

Contact: Susan Gillespie

Phone: (703) 525-4890

Fax: (703) 276-0793

E-mail: sgillespie@aami.org

BSR/AAMI/ISO 14155-201x, Clinical investigation of medical devices for human subjects - Good clinical practice (identical national adoption of ISO 14155)

ALI (Automotive Lift Institute)

Office: PO Box 85
80 Wheeler Avenue
Cortland, NY 13045

Contact: Bob O'Gorman

Phone: (607) 756-7775

Fax: (607) 756-0888

E-mail: bob@autolift.org

BSR/ALI ALCTV-201x, Standard for Automotive Lifts - Safety Requirements for Construction, Testing and Validation (revision of ANSI/ALI ALCTV-2006)

CEA (Consumer Electronics Association)

Office: 1919 S. Eads St.
Arlington, VA 22202

Contact: Shazia McGeehan

Phone: (703) 907-7697

Fax: (703) 907-4192

E-mail: smcgeehan@ce.org

BSR/CEA/CEDIA 863-B-201x, Connection Color Codes for Home Theater Systems (revision and redesignation of ANSI/CEA 863-A-2005)

BSR/CEA/CEDIA 897-201x, F-Connector Color Coding for Home Television Systems (new standard)

Final actions on American National Standards

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

ASTM (ASTM International)

Revisions

ANSI/ASTM D6299-2009, Practice for Applying Statistical Quality Assurance and Control Charting Techniques to Evaluate Analytical Measurement System Performance (revision of ANSI/ASTM D6299-2007): 11/2/2009

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

Withdrawals

INCITS/ISO/IEC 1539-2-1994, Information technology - Programming languages - Fortran - Part 2: Varying length character strings (withdrawal of INCITS/ISO/IEC 1539-2-1994 (R2004)): 11/6/2009

NSF (NSF International)

Revisions

ANSI/NSF 14-2009 (i31), Plastics piping system components and related materials (revision of ANSI/NSF 14-2008): 10/25/2009

ANSI/NSF 61-2009 (i84), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2008): 9/27/2009

ANSI/NSF 140-2009 (i4), Sustainable Carpet Assessment (revision of ANSI/NSF 140-2007): 10/11/2009

ANSI/NSF 140-2009 (i7), Sustainable Carpet Assessment (revision of ANSI/NSF 140-2007e): 11/1/2009

UL (Underwriters Laboratories, Inc.)

New National Adoptions

ANSI/UL 60335-2-34-2009, Standard for Safety for Household and Similar Electrical Appliances - Part 2: Particular Requirements for Motor-Compressors (identical national adoption and revision of ANSI/UL 60335-2-34-2005): 10/30/2009

Reaffirmations

ANSI/UL 72-2005 (R2009), Standard for Tests for Fire Resistance of Record Protection Equipment (reaffirmation of ANSI/UL 72-2005): 11/3/2009

ANSI/UL 1419-2005 (R2009), Standard for Safety for Professional Video and Audio Equipment (reaffirmation of ANSI/UL 1419-2005): 11/3/2009

Revisions

ANSI/UL 514B-2009, Standard for Safety for Conduit, Tubing, and Cable Fittings (revision of ANSI/UL 514B -2007): 11/6/2009

ANSI/UL 569-2009, Standard for Pigtails and Flexible Hose Connectors (revision of ANSI/UL 569-2000): 11/3/2009

ANSI/UL 569-2009a, Standard for Pigtails and Flexible Hose Connectors for LP-Gas (revision of ANSI/UL 569-2000): 11/3/2009

ANSI/UL 746E-2009, Standard for Safety for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used In Printed-Wiring Boards (revision of ANSI/UL 746E-2008): 11/6/2009

ANSI/UL 900-2009, Standard for Safety for Air Filter Units (revision of ANSI/UL 900-2004): 11/4/2009

ANSI/UL 2250-2009a, Standard for Instrumentation Tray Cable (revision of ANSI/UL 2250-2009): 11/3/2009

ANSI/UL 60335-2-34-2009a, Standard for Household and Similar Electrical Appliances - Part 2: Particular Requirements for Motor-Compressors (revision of ANSI/UL 60335-2-34-2005): 10/30/2009

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.

ABYC (American Boat and Yacht Council)

Office: 613 Third Street, Suite 10
Annapolis, MD 21403

Contact: John Adey

Fax: (410) 990-4466

E-mail: jadey@abycinc.org

BSR/ABYC E-10-201x, Storage Batteries (new standard)

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

Project Need: To identify safety issues with storage batteries.

Provides a guide for the selection, location, installation, and wiring of storage batteries.

BSR/ABYC E-11-201x, AC & DC Electrical Systems on Boats (new standard)

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

Project Need: To identify safety issues with AC & DC electrical systems on boats.

Provides a guide for the design, construction, and installation of alternating current (AC) electrical systems on boats and of direct current (DC) electrical systems on boats.

BSR/ABYC TE-4-201x, Lightning Protection (new standard)

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

Project Need: To address safety requirements for lightning protection systems on boats.

Provides a guide for the design, construction, and installation of lightning protection systems on boats.

ADA (American Dental Association)

Office: 211 East Chicago Avenue
Chicago, IL 60611-2678

Contact: Sharon Stanford

Fax: (312) 440-2529

E-mail: stanfords@ada.org

BSR/ADA Specification No. 1000-201x, Standard Clinical Data Architecture (revision of ANSI/ADA 1000-2001 (R2006))

Stakeholders: Health system developers, care providers, patients, payors, administrators, public health community.

Project Need: To update and enhance the existing specification for a standard clinical data architecture based on user feedback and lessons learned.

Presents a standard logical data model and documentation for a clinical data architecture capable of supporting healthcare information systems and the interoperability of health information. This document describes the modeling method and conventions employed and presents the logical data model by subject area. The document identifies and describes those data structures needed to support the delivery of healthcare services to individuals and populations.

AIAA (American Institute of Aeronautics and Astronautics)

Office: 1801 Alexander Bell Drive
Suite 500
Reston, VA 20191-4344

Contact: Craig Day

Fax: (703) 264-7551

E-mail: craigd@aiaa.org

BSR/AIAA S-131-201x, Astrodynamics - Propagation Specifications, Test Cases, and Recommended Practices (new standard)

Stakeholders: System designers, system operators, acquisition agencies, and general users.

Project Need: To provide the broad astrodynamics and space operations community with technical standards and lays out recommended approaches to ensure compatibility between organizations.

Provides the broad astrodynamics and space operations community with technical standards and lays out recommended approaches to ensure compatibility between organizations. Applicable existing standards and accepted documents are leveraged to make a complete - yet coherent - document. These standards are intended to be used as guidance and recommended practices for astrodynamics applications in Earth orbit where interoperability and consistency of results is a priority. For those users who are purely engaged in research activities, these standards can provide an accepted baseline for innovation.

ALI (Automotive Lift Institute)

Office: PO Box 85
80 Wheeler Avenue
Cortland, NY 13045

Contact: Bob O'Gorman

Fax: (607) 756-0888

E-mail: bob@autolift.org

BSR/ALI ALCTV-201x, Standard for Automotive Lifts - Safety Requirements for Construction, Testing and Validation (revision of ANSI/ALI ALCTV-2006)

Stakeholders: All automotive lift manufacturers.

Project Need: To revise an existing American National Standard as required by five-year rule.

Covers safety requirements for the design, construction, testing and validation of automotive lifts of the following types: manually driven, power driven, stationary and mobile. Lifts that are not movable or are designed to tilt the superstructure, or are not "automotive vehicle service lifts" are outside the scope of this standard.

ANS (American Nuclear Society)

Office: 555 North Kensington Avenue
La Grange Park, IL 60525

Contact: Patricia Schroeder

Fax: (708) 352-6464

E-mail: pschroeder@ans.org

BSR/ANS 54.1-201x, Nuclear Safety Criteria and Design Process for Liquid-Metal-Cooled Nuclear Power Plants (new standard)

Stakeholders: Reactor vendors, plant architect-engineers, constructors, nuclear regulatory authorities.

Project Need: To support the development of the next generation of nuclear power plants using this technology.

Establishes the nuclear safety criteria, functional performance and design requirements for liquid-metal-cooled nuclear power plants. The document uses performance-based, risk-informed PRA criteria wherever possible. It also describes the design process to be followed to establish those criteria and perform structures, systems, and component classifications.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
St Joseph, MI 49085

Contact: Carla VanGilder

Fax: (269) 429-3852

E-mail: vangilder@asabe.org

BSR/ASABE AD11684:1995 (MONYEAR), Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Safety signs and hazard pictorials - General principles (national adoption with modifications of ISO 11684:1995)

Stakeholders: Ag designers and manufacturers of equipment represented by AEM, FEMA, or AMC.

Project Need: To move this standard toward international harmonization. This adoption will replace ASABE Standard ASAE S441.3, Safety Signs.

Establishes general principles for the design and application of safety signs and hazard pictorials permanently affixed to tractors machinery for agriculture, and powered lawn and garden equipment. This standard outlines safety sign objectives, describes the basic sign formats and colors and provides guidance on developing the various panels that together constitute a safety sign.

ASQ (ASC Z1) (American Society for Quality)

Office: 600 N Plankinton Ave
Milwaukee, WI 53203

Contact: Jennifer Admussen

Fax: (414) 272-1734

E-mail: standards@asq.org

BSR/ISO/ASQ 9004-201x, Managing for the sustained success of an organization -- A quality management approach (identical national adoption of ISO 9004:2009)

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

Project Need: To adopt ISO 9004:2009 as an American National Standard.

Provides guidance to organizations to support the achievement of sustained success by a quality management approach. This standard is applicable to any organization, regardless of size, type, and activity.

CEA (Consumer Electronics Association)

Office: 1919 S. Eads St.
Arlington, VA 22202

Contact: Shazia McGeehan

Fax: (703) 907-4192

E-mail: smcgeehan@ce.org

BSR/CEA/CEDIA 863-B-201x, Connection Color Codes for Home Theater Systems (revision and redesignation of ANSI/CEA 863-A-2005)

Stakeholders: CE manufacturers, installers.

Project Need: To update CEA 863-A to match other CEA standards and bulletins.

Defines the colors for marking connections commonly used for electronic devices in a home theater system. This standard adds continuity to installation information, and ensures consistency of information to installers.

BSR/CEA/CEDIA 897-201x, F-Connector Color Coding for Home Television Systems (new standard)

Stakeholders: CE manufacturers, installers.

Project Need: To conduct a five-year review on CEA 897 and convert it to a (new) American National Standard

Defines the colors for marking F-connectors commonly used for electronic devices in a home television system.

EIA (Electronic Industries Alliance)

Office: 2500 Wilson Boulevard - Suite 310
Suite 310
Arlington, VA 22201

Contact: Cecelia Yates

Fax: (703) 875-8908

E-mail: cyates@ecaus.org

BSR/EIA 364-83A-201x, Shell-to-Shell Conductivity Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-83-1999 (R2007))

Stakeholders: Electrical, electronics, and telecommunications

Project Need: Revise to update and clarify test procedure

Applies to mated plugs and receptacles or mated plugs and receptacles mounted to a bulkhead with conductive shells and/or mounting flange.

UL (Underwriters Laboratories, Inc.)

Office: 1285 Walt Whitman Road
Melville, NY 11747

Contact: *Raymond Suga*

Fax: (631) 439-6021

E-mail: Raymond.M.Suga@us.ul.com

BSR/UL 2443-201x, Standard for Safety for Flexible Sprinkler Hose with Fittings for Fire Protection Service (new standard)

Stakeholders: Manufacturers of fire protection equipment (in particular, manufacturers of hoses and fittings), AHJs.

Project Need: To create an American National Standard for flexible sprinkler hose and fittings.

Covers flexible sprinkler hose with fittings intended for direct connection to fire sprinklers in installations requiring a flexible attachment to the sprinkler system piping such as cleanrooms, suspended ceilings, and exhaust ducts. The products covered by this standard are intended for use in sprinkler systems installed in accordance with NFPA 13, NFPA 13R, and NFPA 13D.

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.
- ASC X9
- ASHRAE
- ASME
- ASTM
- GEIA
- HL7
- 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

AIR QUALITY (TC 146)

ISO/DIS 22262-1, Air quality - Bulk materials - Part 1: Sampling and qualitative determination of asbestos in commercial bulk materials - 2/8/2010, \$134.00

FASTENERS (TC 2)

ISO/DIS 7380-1, Hexagon socket button head screws - Part 1: Button head (head shape A) - 2/4/2010, \$40.00

ISO/DIS 7380-2, Hexagon socket button head screws - Part 2: Button head with collar (head shape B) - 2/4/2010, \$40.00

HYDROGEN ENERGY TECHNOLOGIES (TC 197)

ISO/DIS 22734-2, Hydrogen generators using water electrolysis process - Part 2: Residential applications - 2/4/2010, \$119.00

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

ISO/DIS 23228, Thermoplastics pipes for the conveyance of fluids - Determination of the stress-rupture resistance of pipe resin materials using plain strain tensile (PSGT) specimens - 2/8/2010, \$53.00

SAFETY DEVICES FOR PROTECTION AGAINST EXCESSIVE PRESSURE (TC 185)

ISO/DIS 4126-1, Safety devices for protection against excessive pressure - Part 1: Safety valves - 2/4/2010, \$77.00

ISO/DIS 4126-4, Safety devices for protection against excessive pressure - Part 4: Pilot-operated safety valves - 2/4/2010, \$82.00

ISO/DIS 4126-7, Safety devices for protection against excessive pressure - Part 7: Common data - 2/4/2010, \$112.00

IEC Standards

86B/2945/FDIS, IEC 61753-131-3 Ed. 1.0: Fibre optic interconnecting devices and passive components - Performance standard - Part 131-3: Single-mode mechanical fibre splice for category U - Uncontrolled environment, 01/08/2010

CABPUB/36/FDIS, Conformity assessment - General requirements for proficiency testing, 01/01/2010

9/1335/FDIS, IEC 62497-1 Ed.1: Railway applications - Insulation coordination - Part 1: Basic requirements - Clearances and creepage distances for all electrical and electronic equipment, 01/08/2010

9/1336/FDIS, IEC 62497-2 Ed.1: Railway applications - Insulation coordination - Part 2: Overvoltages and related protection, 01/08/2010

80/577/FDIS, IEC 62616 Ed.1: Maritime navigation and radiocommunication equipment and systems - Bridge navigational watch alarm system (BNWAS), 01/08/2010



Newly Published ISO Standards

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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 5536:2009, Milk fat products - Determination of water content - Karl Fischer method, \$57.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO 26782/Cor1:2009, Anaesthetic and respiratory equipment - Spirometers intended for the measurement of time forced expired volumes in humans - Corrigendum, FREE

CORK (TC 87)

ISO 8724:2009, Cork decorative panels - Specification, \$65.00

ESSENTIAL OILS (TC 54)

ISO 22769:2009, Oil of Australian sandalwood (*Santalum spicatum* (R.Br.) A.DC.), \$65.00

FLOOR COVERINGS (TC 219)

ISO 10874:2009, Resilient, textile and laminate floor coverings - Classification, \$43.00

FLUID POWER SYSTEMS (TC 131)

ISO 3601-1/Cor2:2009, Fluid systems - O-rings - Part 1: Inside diameters, cross-sections, tolerances and size identification code - Corrigendum, FREE

GEARS (TC 60)

ISO 4468/Cor1:2009, Gear hobs - Single start - Accuracy requirements - Corrigendum, FREE

GLASS CONTAINERS (TC 63)

ISO 9100-2/Cor1:2009, Glass containers - Vacuum lug finishes - Part 2: 33 medium - Corrigendum, FREE

HEALTH INFORMATICS (TC 215)

ISO/HL7 27951:2009, Health informatics - Common terminology services, release 1, \$193.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO 8000-110:2009, Data quality - Part 110: Master data: Exchange of characteristic data: Syntax, semantic encoding, and conformance to data specification, \$37.00

INDUSTRIAL FANS (TC 117)

ISO 13351:2009, Fans - Dimensions, \$80.00

INDUSTRIAL TRUCKS (TC 110)

ISO 3691-5:2009, Industrial trucks - Safety requirements and verification - Part 5: Pedestrian-propelled trucks, \$122.00

MACHINE TOOLS (TC 39)

ISO 23848-1:2009, Machine tools - Ball splines - Part 1: General characteristics and requirements, \$104.00

ISO 23848-2:2009, Machine tools - Ball splines - Part 2: Dynamic and static load ratings and rating life, \$57.00

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

ISO 21809-4:2009, Petroleum and natural gas industries - External coatings for buried or submerged pipelines used in pipeline transportation systems - Part 4: Polyethylene coatings (2-layer PE), \$129.00

MECHANICAL TESTING OF METALS (TC 164)

ISO 148-1:2009, Metallic materials - Charpy pendulum impact test - Part 1: Test method, \$110.00

PACKAGING (TC 122)

ISO 17364:2009, Supply chain applications of RFID - Returnable transport items (RTIs), \$104.00

ISO 17365:2009, Supply chain applications of RFID - Transport units, \$98.00

ISO 17366:2009, Supply chain applications of RFID - Product packaging, \$104.00

ISO 17367:2009, Supply chain applications of RFID - Product tagging, \$141.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO 29945:2009, Refrigerated non-petroleum-based liquefied gaseous fuels - Dimethylether (DME) - Method of manual sampling onshore terminals, \$65.00

SPORTS AND RECREATIONAL EQUIPMENT (TC 83)

ISO 9462/Amd1:2009, Alpine ski-bindings - Safety requirements and test methods - Amendment 1, \$16.00

STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)

ISO 11737-2:2009, Sterilization of medical devices - Microbiological methods - Part 2: Tests of sterility performed in the definition, validation and maintenance of a sterilization process, \$86.00

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

ISO 7176-9:2009, Wheelchairs - Part 9: Climatic tests for electric wheelchairs, \$65.00

TEXTILES (TC 38)

ISO 105-F10/Amd1:2009, Textiles - Tests for colour fastness - Part F10: Specification for adjacent fabric: Multifibre - Amendment 1, \$16.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 11545:2009, Agricultural irrigation equipment - Centre-pivot and moving lateral irrigation machines with sprayer or sprinkler nozzles - Determination of uniformity of water distribution, \$86.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO 17267:2009, Intelligent transport systems - Navigation systems - Application programming interface (API), \$220.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 14343:2009, Welding consumables - Wire electrodes, strip electrodes, wires and rods for arc welding of stainless and heat resisting steels - Classification, \$86.00

WOOD-BASED PANELS (TC 89)

ISO 16894:2009, Wood-based panels - Oriented strand board (OSB) - Definitions, classification and specifications, \$80.00

ISO/IEC 9594-8:2008, Information technology - Open Systems Interconnection - The Directory: Public-key and attribute certificate frameworks, \$235.00

ISO/IEC 9594-10:2008, Information technology - Open Systems Interconnection - The Directory: Use of systems management for administration of the Directory, \$180.00

ISO/IEC 13170:2009, Information technology - 120 mm (8,54 Gbytes per side) and 80 mm (2,66 Gbytes per side) DVD re-recordable disk for dual layer (DVD-RW for DL), \$235.00

ISO/IEC 14496-12/Amd1:2009, Information technology - Coding of audio-visual objects - Part 12: ISO base media file format - Amendment 1: General improvements including hint tracks, metadata support and sample groups, \$149.00

ISO/IEC 15444-12/Amd1:2009, Information technology - JPEG 2000 image coding system - Part 12: ISO base media file format - Amendment 1: General improvements including hint tracks, metadata support and sample groups, \$149.00

ISO Technical Reports**DOCUMENT IMAGING APPLICATIONS (TC 171)**

ISO/TR 10255:2009, Document management applications - Optical disk storage technology, management and standards, \$110.00

HEALTH INFORMATICS (TC 215)

ISO/TR 11633-1:2009, Health informatics - Information security management for remote maintenance of medical devices and medical information systems - Part 1: Requirements and risk analysis, \$92.00

ISO/TR 11633-2:2009, Health informatics - Information security management for remote maintenance of medical devices and medical information systems - Part 2: Implementation of an information security management system (ISMS), \$167.00

ISO Technical Specifications**TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)**

ISO/TS 12813:2009, Electronic fee collection - Compliance check communication for autonomous systems, \$141.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 9594-1:2008, Information technology - Open Systems Interconnection - The Directory: Overview of concepts, models and services, \$104.00

ISO/IEC 9594-2:2008, Information technology - Open Systems Interconnection - The Directory: Models, \$263.00

ISO/IEC 9594-3:2008, Information technology - Open Systems Interconnection - The Directory: Abstract service definition, \$193.00

ISO/IEC 9594-4:2008, Information technology - Open Systems Interconnection - The Directory: Procedures for distributed operation, \$206.00

ISO/IEC 9594-5:2008, Information technology - Open Systems Interconnection - The Directory: Protocol specifications, \$193.00

ISO/IEC 9594-6:2008, Information technology - Open Systems Interconnection - The Directory: Selected attribute types, \$180.00

ISO/IEC 9594-7:2008, Information technology - Open Systems Interconnection - The Directory: Selected object classes, \$110.00

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 ESS Links for INCITS 388-201x

Comment Deadline: December 21, 2009

Due to time constraints, we were unable to provide the ANSI Electronic Standards Store (ESS) links for each part of INCITS 388-201x, Storage Management. Please click on any of the links below to review particular parts of the standard. The PDF of each part is \$30.00, and the comment period ends on December 21, 2009.

- [Draft INCITS 388.0-201x, Information Technology – Storage Management – Overview](#)
- [Draft INCITS 388.1-201x, Information Technology – Storage Management – Part 1: Common Architecture](#)
- [Draft INCITS 388.2-201x, Information Technology – Storage Management – Part 2: Common Profiles](#)
- [Draft INCITS 388.3-201x, Information Technology – Storage Management – Part 3: Block Devices](#)
- [Draft INCITS 388.4-201x, Information Technology – Storage Management – Part 4: File Systems](#)
- [Draft INCITS 388.5-201x, Information Technology – Storage Management – Part 5: Fabric](#)
- [Draft INCITS 388.6-201x, Information Technology – Storage Management – Part 6: Host Elements](#)
- [Draft INCITS 388.7-201x, Information Technology – Storage Management – Part 7: Media Libraries](#)

Call for Members

NSF International Joint Committees

NSF International currently has openings in the public health and safety/regulatory, industry and user interest categories for two Joint Committees listed below. The interest groups are defined as:

User is a person outside the manufacturing sector who purchases, uses, or specifies materials, products, systems, or services covered in the various scopes of the NSF/ANSI Standards.

Public Health and Safety/Regulatory is a person from a public agency (local, regional, state, federal, or international) or represents a professional public/environmental health/safety organization, academia, or a model code organization.

Industry is a person who produces, assembles, distributes, or sells materials, products, systems, or services covered in the scope of the standard. Industry trade association representatives are included in this membership classification.

Joint Committee on Food Processing Equipment –

These standards establish minimum food protection and sanitation requirements for the materials, design, fabrication, and construction of meat and poultry processing equipment. These Standards apply to equipment intended for use in the slaughter, processing, and packaging of meat and poultry products, hand held tools and mechanical belt conveyors. The requirements are to be applied by designers and manufacturers who in turn are to provide guidance to the users for the intended use of the equipment.

Joint Committee on Residential Equipment – This Standard establishes minimum public health and sanitation requirements for the materials, design, construction, and performance of residential dishwashing equipment and their related components.

If you are interested in participating on either of these standards committees or have any questions, please contact Lorna Badman, Sr. Standards Specialist at NSF International, 734-827-6806, badman@nsf.org.

ANSI Accredited Standards Developers

Administrative Reaccreditation

American Nuclear Society

The American Nuclear Society, a full ANSI organizational member, has been administratively reaccredited at the direction of ANSI's Executive Standards Council, under operating procedures revised to bring the document into compliance with the 2009 version of the ANSI Essential Requirements, effective November 4, 2009. For additional information, please contact: Ms. Patricia Schroeder, Program Administrator, American Nuclear Society, 555 North Kensington Avenue, La Grange Park, IL 60525; PHONE: (708) 579-8269; FAX: (708) 352-6464; E-mail: pschroeder@ans.org.

**Application for Accreditation
Spring Manufacturing Institute (SMI)
Comment Deadline: December 14, 2009**

The Spring Manufacturing Institute (SMI), a new full ANSI Organizational Member, has submitted an Application for Accreditation for a proposed U.S. Technical Advisory Group (TAG) to ISO/TC 227, Springs, and a request for approval as TAG Administrator. The proposed TAG intends to operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

For additional information, or to offer comments, please contact: Ms. Lynne A. Carr, General Manager, Spring Manufacturing Institute, 2001 Midwest Road #106, Oak Brook, IL 60523; PHONE: (630) 495-8588; FAX: (630) 495-8595; E-mail: lynne@smihq.org (please copy PSA@ANSI.org).

**ANSI Accreditation Program
for Third Party Product
Certification Agencies**

**Application for Accreditation
Hong Kong Safety Institute Ltd. (HKSI)
Comment Deadline: December 14, 2009**

Hong Kong Safety Institute Ltd. (HKSI)
10 Dai Wang Street
Tai Po Industrial Estate
Tai Po
N.T, Hong Kong

Hong Kong Safety Institute Ltd. has submitted formal application for accreditation by ANSI of the following scopes of this certification body:

SCOPE(S)

Toy Safety Certification Program ®

Please send your comments by December 14, 2009 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: rfigureir@ansi.

BSR Z136.4-201x

4.1.6

When the measurement aperture is larger than the limiting aperture, due to the potential use of optical aids, the transmittance of these optics is included (see Table 2) for hazard evaluation and classification.

4.2.1.1.1.1

The maximum exposure duration is assumed to be no more than 30,000 s, except for infrared systems not intended to be viewed ($\lambda > 0.7\text{ }\mu\text{m}$); 700 nm where 100 s shall be used.

5.6.4.3 Scanning Knife Edge.

The difference in these two positions provides the $1/e^2$ beam diameterradius.

Once the $1/e^2$ beam diameter is found, it can be converted to the $1/e$ beam diameterradius by dividing the $1/e^2$ beam diameter by $\sqrt{2}$.

E9. Beam Divergence

The equation that we need for this is:

$$\phi_{d.l.} \approx \frac{1.22\lambda}{D_L} \quad \phi_{d.l.} \approx \frac{2\lambda}{\pi D_L}$$

$$\phi_{d.l.} \approx \frac{1.22 \times 1.064 \text{ }\mu\text{m}}{10 \text{ cm}} \quad \phi_{d.l.} \approx \frac{2 \times 1.064 \text{ }\mu\text{m}}{\pi \cdot 10 \text{ cm}}$$

$$\phi_{d.l.} \approx 13 \text{ }\mu\text{rad}$$

meaning that the spot size to be measured will have a diameter of approximately 39 μm .

Case 3. Knife-Edge Measurement: A single knife-edge aperture, scanned through the beam can be used to determine the spot size of the laser at the focal length of the lens. As the knife-edge scans through the beam, the fraction of transmitted energy for a Gaussian profile will decrease according to the function:

$$E(x) = 2 \times \text{erf}\left(\frac{2\sqrt{2} \times (x - x_0)}{\omega}\right) \frac{\Phi_x}{\Phi_0} = 0.5 \times \left[1 + \text{erf}\left(\frac{(x - x_0)}{\sqrt{2}\omega}\right)\right]$$

where x is the knife-edge position, x_0 is the center of the beam, and ω is the diameterradius of the beam at the $1/e^2$ irradiance point. The data can be fitted to the above equation, to determine the beam diameter-radius. The distance between two points where 14 and 86% of the laser power are transmitted is equal to the diameterradius of the beam at the $1/e^2$ irradiance point, ω .

BSR/UL 1286

PROPOSAL

14.4.1.4 ~~A convenience receptacle shall be oriented in a position so its face is in a vertical plane. Convenience receptacles shall comply with the Spill Test. See Section 30, Spill Test.~~

~~Exception No. 1: A receptacle that is covered or otherwise protected from spillage when not in use and that complies with the Spill Test, Section 30, meets the intent of this requirement. This requirement does not apply to a receptacle that is oriented in a position so its face is in a vertical 90-degree plane \pm 5 degrees.~~

~~Exception No. 2: This requirement does not apply to a receptacle that is covered or otherwise protected from spillage when not in use.~~

~~Exception No. 3: This requirement does not apply to a receptacle that is located at least 3 inches (76 mm) above the work surface when the work surface is adjusted to its highest position.~~