

Contents

American National Standards

Call for Comment on Standards Proposals	2
Call for Members (ANS Consensus Bodies)	8
Final Actions	10
Project Initiation Notification System (PINS)	12
ANSI Developers Contact Information	19

International Standards

ISO and IEC Draft Standards	21
ISO Newly Published Standards	23
Proposed Foreign Government Regulations	24
Information Concerning	25

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: May 15, 2011

NSF (NSF International)

Revisions

BSR/NSF 42-201x (i69), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2010)

Issue 69 - Removes the Filter Media Test from the minimum performance requirements (section 6).

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

Send comments (with copy to BSR) to: Monica Leslie, (734) 827-5643, mleslie@nsf.org

BSR/NSF 53-201x, Drinking water treatment units - Health effects (revision of ANSI/NSF 53-2010)

Removes the Filter Media Test from the minimum performance requirements (section 6).

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

Send comments (with copy to BSR) to: Monica Leslie, (734) 827-5643, mleslie@nsf.org

BSR/NSF 58-201x (i56), Reverse osmosis drinking water treatment systems (revision of ANSI/NSF 58-2009)

Issue 56 - Updates perchlorate levels in Section 7, Table 8 to correct an error published in ANSI/NSF 58-2009.

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

Send comments (with copy to BSR) to: Monica Leslie, (734) 827-5643, mleslie@nsf.org

Comment Deadline: May 30, 2011

ABYC (American Boat and Yacht Council)

New Standards

BSR/ABYC A-32-201x, AC Power Conversion Equipment and Systems (new standard)

Provides a guide to the design, construction, and installation of electrical and electronic power conversion, control equipment, and systems.

Single copy price: \$50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

BSR/ABYC H-22-201x, Electric Bilge Pump Systems (new standard)

Provides a guide for the design, construction, installation, operation, and control of electric bilge pump systems.

Single copy price: \$50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

AISC (American Institute of Steel Construction)

Revisions

BSR/AISC N690-201x, Specification for Safety-Related Steel Structures for Nuclear Facilities (revision of ANSI/AISC N690-2004)

Applies to the design of safety-related steel structures and steel elements in nuclear facilities. Structures and structural elements subject to this standard are those steel structures that are part of a safety-related system or that support, house, or protect safety-related systems or components, the failure of which would impair the safety-related functions of these systems or components.

Single copy price: \$15.00

Obtain an electronic copy from: www.aisc.org

Order from: Janet Cummins, (312) 670-5411, cummins@aisc.org

Send comments (with copy to BSR) to: Cynthia Duncan, (312) 670-5410, duncan@aisc.org

AMCA (Air Movement and Control Association)

Revisions

BSR/AMCA 500-D-201x, Laboratory Methods of Testing Dampers for Rating (revision of ANSI/AMCA 500-D-2007)

Establishes uniform laboratory test methods for dampers. The characteristics to be determined include, as appropriate, air leakage, pressure drop, dynamic closure, and operational torque. This standard may be used as a basis for testing dampers when air is used as the test gas. This public review is limited to the changes made to the document since the previous public review.

Single copy price: \$5.00

Obtain an electronic copy from: jpakan@amca.org

Order from: John Pakan, (847) 704-6295, jpakan@amca.org

Send comments (with copy to BSR) to: Same

API (American Petroleum Institute)

New Standards

BSR/API Specification 2C-201x, Offshore Pedestal-Mounted Cranes (new standard)

Details the requirements for design, construction, and testing of offshore pedestal-mounted cranes used for transfer of materials or personnel to or from marine vessels and structures.

Single copy price: Free

Order from: Danielle Jones, (202) 682-8565, jonesd@api.org

Send comments (with copy to BSR) to: Roland Goodman, (202) 682-8571, goodmanr@api.org

ASA (ASC S2) (Acoustical Society of America)

Withdrawals

BSR S2.19-1999 (R2004), Mechanical Vibration - Balance Quality Requirements of Rigid Rotors - Part 1: Determination of Permissible Residual Unbalance, Including Marine Applications (withdrawal of ANSI S2.19-1999 (R2004))

Gives recommendations for determining unbalance and for specifying related quality requirements of rigid rotors. This standard specifies: (a) a representation of unbalance in one or two planes; (b) methods for determining permissible residual unbalance; (c) methods for allocating it to the correction planes; (d) methods for identifying the residual unbalance state of a rotor by measurement; and (e) a summary of errors associated with the residual unbalance identification.

Single copy price: \$100.00

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

BSR S2.42-1982 (R2004), Procedures for Balancing Flexible Rotors
(withdrawal of ANSI S2.42-1982 (R2004))

Classifies rotors into groups by their balancing requirements as influenced by rotor's flexural stiffness and unbalance distribution. Certain classes of rotors may be balanced by normal or modified rigid rotor techniques. More flexible rotors may require high-speed balancing. The basics of flexible rotor balancing are discussed as well as methods of assessment of final unbalance. Guidance is given on judging final balance quality; but it is not to serve as an acceptance specification for any rotor group.

Single copy price: \$130.00

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

BSR S2.48-1993 (R2006), Servo-Hydraulic Test Equipment for
Generating Vibration - Methods of Describing Characteristics
(withdrawal of ANSI S2.48-1993 (R2006))

Provides a method for specifying the characteristics of servo-hydraulic test equipment for generating vibration and serves as a guide to the selection of such equipment. Applies to servo-hydraulic vibration generators and power amplifiers, both individually and in combination. Provides means to assist a prospective user to calculate and compare the performance of equipment provided by 2 or more manufacturers, even if the vibration generator and power amplifier are from different manufacturers.

Single copy price: \$150.00

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

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME B30.23-201x, Personnel Lifting Systems (revision of
ANSI/ASME B30.23-2005)

Applies to hoisting and accessory equipment covered within certain volumes of the ASME B30 Standard, which is used to lift, lower, hold, or transport personnel in a platform, by wire rope or chain, from hoist equipment, or by a platform that is mounted on a boom of the hoist equipment.

Single copy price: Free

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: Kathryn Hyam, (212) 591-8521,
hyamk@asme.org

BSR/ASME PTC 6.2-200x, Steam Turbines in Combined Cycles
(revision of ANSI/ASME PTC 6.2-2004)

Tests steam turbines in combined cycles with or without supplementary firing and in cogeneration applications. Within these categories of combined and cogeneration cycles, this Code is applicable to condensing and noncondensing steam turbines, to reheat and non-reheat steam turbines, and to induction/extraction steam turbines. The variety of cycles presents challenges in writing a code that addresses all issues encountered for all cycle configurations.

Single copy price: Free

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

AWS (American Welding Society)

Revisions

BSR/AWS B5.1-201x, Specification for the Qualification of Welding
Inspectors (revision of ANSI/AWS B5.1-2003)

Defines the qualification requirements to qualify welding inspectors. The qualification requirements for visual welding inspectors include experience, satisfactory completion of an examination, which includes demonstrated capabilities, and proof of visual acuity. The examination tests the inspector's knowledge of welding processes, welding procedures, nondestructive examinations, destructive tests, terms, definitions, symbols, reports, welding metallurgy, related mathematics, safety, quality assurance, and responsibilities.

Single copy price: \$25.00

Obtain an electronic copy from: roneill@aws.org

Order from: Rosalinda O'Neill, (305) 443-9353, roneill@aws.org

Send comments (with copy to BSR) to: Andrew Davis, (305) 443-9353,
Ext. 466, adavis@aws.org; roneill@aws.org

BSR/AWS B5.2-201x, Specification for the Qualification of Welding
Inspector Specialists and Welding Inspector Assistants (revision of
ANSI/AWS B5.2-2001)

Defines the requirements and program for an employer (company) to qualify Welding Inspector Specialists and Welding Inspector Assistants to contract or industry-specific inspector standards. The qualification program is developed and controlled by an employer. The qualification requires documentation of experience, training, and satisfactory completion of an examination.

Single copy price: \$25.00

Obtain an electronic copy from: roneill@aws.org

Order from: Rosalinda O'Neill, (305) 443-9353, roneill@aws.org

Send comments (with copy to BSR) to: Andrew Davis, (305) 443-9353,
Ext. 466, adavis@aws.org; roneill@aws.org

ECA (Electronic Components Association)

Revisions

BSR/EIA 364-45B-201x, Firewall Flame Test Procedure for Electrical
Connectors and Sockets (revision of ANSI/EIA 364-45A-2000
(R2007))

Establishes a test method to determine the ability of a mated electrical firewall connector to resist specified flame and vibration during a 20-minute exposure by preventing the flame from reaching the firewall through the connector, and providing specified electrical performance for the first 6 minutes of the 20-minute exposure.

Single copy price: \$60.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to BSR) to: Edward Mikoski, (703) 907-8023,
emikoski@eca.us

ISA (ISA)

New Standards

BSR/ISA 12.12.03-201x, Standard for Portable Electronic Products
Suitable for Use in Class I and II, Division 2, Class I Zone 2 and Class
III, Division 1 and 2 Hazardous (Classified) Locations (new standard)

Applies to both body-worn and hand-held portable electronic products for use in Class I, and II, Division 2, Class I, Zone 2, and Class III, Division 1 and 2 and Zone 22 hazardous (classified) locations, which are not available, listed, or labeled for hazardous (classified) locations.

Single copy price: \$45.00

Obtain an electronic copy from: ebeattie@isa.org

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

Send comments (with copy to BSR) to: Same

Revisions

BSR/ISA 60079-26 (12.00.03)-201x, Explosive Atmospheres - Part 26: Equipment for Use in Class I, Zone 0 Hazardous (Classified) Locations (revision of ANSI/ISA 60079-26 (12.00.03)-2008)

Specifies the particular requirements for construction, test, and marking for electrical equipment of Group II intended for use in Class I, Zone 0, as defined in the National Electrical Code, ANSI/NFPA 70. This electrical equipment, within the operational parameters specified by the manufacturer, ensures a very high level of protection that includes rare faults related to the equipment or two faults occurring independently of each other.

Single copy price: \$107.00

Obtain an electronic copy from: ebeattie@isa.org

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

Send comments (with copy to BSR) to: Same

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

New National Adoptions

BSR INCITS/ISO/IEC 19784-4-201x, Information technology - Biometric application programming interface - Part 4: Biometric sensor function provider interface (identical national adoption of ISO/IEC 19784-4:2011)

Specifies a biometric sensor interface for a Biometric Service Provider (BSP, see ISO/IEC 19784-1). The interface supports a BSP wishing to provide the BioAPI Service Provider Interface (SPI) functions, whilst removing device handling activity from the BSP.

Single copy price: \$141.00

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

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

BSR INCITS/ISO/IEC 19795-5-201x, Information technology - Biometric performance testing and reporting - Part 5: Access control scenario and grading scheme (identical national adoption of ISO/IEC 19795-5:2011)

Specifies a framework for testing and a grading scheme for reporting the performance of a biometric system suitable for use in access control applications. This standard also allows for specifying application performance requirements in terms of the required performance of the biometric component of the access control system. It specifies the environment in which and the means by which testing will be performed and how the results will be reported.

Single copy price: \$141.00

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

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

LIA (ASC Z136) (Laser Institute of America)

New Standards

BSR Z136.2-201x, Safe Use of Optical Fiber Communication Systems Utilizing Laser Diode and LED Sources (new standard)

Addresses hazards and provides guidance for the safe use, maintenance, service, and installation (manufacture) of optical communications systems (OCS) utilizing laser diodes or light emitting diodes (LED) operating at wavelengths between 600 nm and 1 mm and not intended for visual communications. For purposes of the standard, optical communication systems include end-to-end optical fiber based links (optical fiber communications systems - OFCS), fixed terrestrial point-to-point free-space links (free space optical communications systems - FSOCS) or a combination of both.

Single copy price: \$30.00

Obtain an electronic copy from: bsams@lia.org

Order from: Barbara Sams, (407) 380-1553, x28, bsams@laserinstitute.org

Send comments (with copy to BSR) to: Same

NSF (NSF International)

New Standards

BSR/NSF/GCI 355-201x, Greener Chemicals and Processes Information Standard (new standard)

Issue 1 - Revision 2: Creates a new standard to provide the chemical enterprise with a voluntary and standardized way to define and report the primary categories of information, their respective data elements, and data quality objectives. This information will be provided by suppliers to communicate clearly, with transparency and consistency, to help customers evaluate the relative greenness of a chemical product and process over its life cycle.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=12109

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

Send comments (with copy to BSR) to: Same

Withdrawals

BSR/NSF 143-2006, Environmentally preferable products - Hard surface cleaners (withdrawal of ANSI/NSF 143-2006)

Establishes requirements for a Product Development Process: Environmental Management System for hard surface cleaners. Due to lack of use, this will no longer be maintained as an ANSI standard.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=19

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

Send comments (with copy to BSR) to: Same

PLASA (PLASA North America)**Revisions**

BSR E1.24-201x, Entertainment Technology - Dimensional Requirements for Stage Pin Connectors (revision of ANSI E1.24-2006)

Clarifies the use of this standard as a configuration standard, giving the mating requirements for male and female pin connectors, contact set-backs from the front face, and marking requirements. The electrical reliability and flammability requirements for pin connectors would be covered by other standards, such as UL 498, Attachment Plugs and Receptacles.

Single copy price: Free

Obtain an electronic copy from: http://tsp.plasa.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, karl.ruling@plasa.org

Send comments (with copy to BSR) to: Same

Reaffirmations

BSR E1.2-2006 (R201x), Entertainment Technology - Design, Manufacture and Use of Aluminum Trusses and Towers (reaffirmation of ANSI E1.2-2006)

Describes the design, manufacture, and use of aluminum trusses, towers, and associated aluminum structural components, such as head blocks, sleeve blocks, and bases, in the live entertainment industry. This standard also offers advice on applying and removing coatings and painted finishes.

Single copy price: \$40.00

Obtain an electronic copy from: http://tsp.plasa.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, karl.ruling@plasa.org

Send comments (with copy to BSR) to: Same

SCTE (Society of Cable Telecommunications Engineers)**New Standards**

BSR/SCTE 172-201x, Constraints on AVC Video Coding for Digital Program Insertion (new standard)

Defines the video coding and transport constraints on ITU-T H.264/ISO/IEC 14496-10 ('AVC') video compression for Digital Program Insertion applications using SCTE 35 and SCTE 30 messaging.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

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

UL (Underwriters Laboratories, Inc.)**New Standards**

BSR/UL 363-201x, Standard for Safety for Knife Switches (new standard)

This proposed Eleventh Edition of the Standard for Knife Switches is being issued to obtain ANSI approval. No technical changes have been made to this standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Vickie Hinton, (919) 549-1851, vickie.t.hinton@us.ul.com

New National Adoptions

BSR/UL 60079-18-201x, Standard for Safety for Explosive Atmospheres - Part 18: Equipment Protection by Encapsulation "m" (Proposal dated 04/15/11) (national adoption with modifications and revision of ANSI/UL 60079-18-2009 (12.23.01))

Incorporates the accepted technical and editorial revisions per comments received during the ballot review, dated 11/19/10.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Vickie Hinton, (919) 549-1851, vickie.t.hinton@us.ul.com

Revisions

BSR/UL 197-201x, Standard for Safety for Commercial Electric Cooking Appliances (revision of ANSI/UL 197-2010b)

The proposal includes:

(1) Addition and revision of requirements to relocate component standard references from Appendix A into the body of the standard as component 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: Jessica Alier, (919) 549-0954, Jessica.Alier@us.ul.com

BSR/UL 507-201x, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2010a)

Covers:

(1) Clarification of performing the Heating Test from the Standard for Overheating Protection for Motors, UL 2111;

(2) Addition of Appendix B, Motor Requirement Comparison Guide;

(3) Electronically Protected Motors; and

(4) Deletion of -R Cord 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: Susan Malohn, (847) 664-1725, Susan.P.Malohn@us.ul.com

BSR/UL 987-201x, Standard for Safety for Stationary and Fixed Electric Tools (revision of ANSI/UL 987-2010a)

Revises Section 42, Table Saws, to clarify existing requirements for table saws and define terms specific to table saws.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Beth Northcott, (847) 664-3198, Elizabeth.Northcott@us.ul.com

BSR/UL 1951-201x, Standard for Safety for Electric Plumbing Accessories (revision of ANSI/UL 1951-2003 (R2008))

Adds and revises requirements to delete Appendix A and specify component requirements in the body of the standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Beth Northcott, (847) 664-3198, Elizabeth.Northcott@us.ul.com

Reaffirmations

BSR/UL 61496-1-2001 (R201x), Standard for Safety for Electro-Sensitive Protective Equipment - Part 1: General Requirements and Tests (Proposal dated 4/15/11) (reaffirmation of ANSI/UL 61496-1-2001 (R2007))

Specifies general requirements for the design, construction and testing of electro-sensitive protective equipment (ESPE) for the safeguarding of machinery. Special attention is directed to functional and design requirements that ensure an appropriate safety-related performance is achieved.

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, (408) 754-6684, Linda.L.Phinney@us.ul.com

BSR/UL 61496-2-2001 (R201x), Standard for Safety for Electro-Sensitive Protective Equipment - Part 2: Particular Requirements for Equipment Using Active Opto-Electronic Protective Devices (AOPDs) (reaffirmation of ANSI/UL 61496-2-2001 (R2007))

Specifies requirements for the design, construction and testing of electro-sensitive protective equipment (ESPE) for the safeguarding of machinery, employing active opto-electronic protective devices (AOPDs) for the sensing function. Special attention is directed to features that ensure an appropriate safety-related performance is achieved.

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, (408) 754-6684, Linda.L.Phinney@us.ul.com

Comment Deadline: June 14, 2011

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

ANS (American Nuclear Society)**Revisions**

BSR/ANS 19.3-201x, Steady-State Neutronics Methods for Power Reactor Analysis (revision of ANSI/ANS 19.3-2005)

Provides guidance for performing and validating the sequence of steady state calculations leading to prediction, in all types of nuclear reactors, of:

- (1) Reaction rate spatial distributions;
- (2) Reactivity; and
- (3) Change of isotopic compositions with time. The standard provides:
 - (1) Guidance for the selection of computational methods;
 - (2) Criteria for verification of calculation methods used by reactor core analysts;
 - (3) Criteria for evaluation of accuracy and range of applicability of data and methods; and
 - (4) Requirements for documentation of the preceding.

Single copy price: \$30.00

Obtain an electronic copy from: Scook@ans.org

Order from: Sue Cook, (708) 579-8210, orders@ans.org; scook@ans.org

Send comments (with copy to BSR) to: Patricia Schroeder, (708) 579-8269, pschroeder@ans.org

Reaffirmations

BSR/ANS 56.8-2002 (R201x), Containment System Leakage Testing Requirements (reaffirmation of ANSI/ANS 56.8-2002)

Specifies acceptable primary containment leakage rate test requirements to assure valid testing. The scope includes:

- (1) Leakage test requirements;
- (2) Test instrumentation;
- (3) Test procedures;
- (4) Test methods;
- (5) Acceptance criteria;
- (6) Data analysis; and
- (7) Inspection and recording of test results.

Single copy price: \$107.00

Obtain an electronic copy from: Scook@ans.org

Order from: Sue Cook, (708) 579-8210, orders@ans.org; scook@ans.org

Send comments (with copy to BSR) to: Patricia Schroeder, (708) 579-8269, pschroeder@ans.org

ASSE (ASC Z359) (American Society of Safety Engineers)**New Standards**

BSR/ASSE Z359.14-201x, Safety Requirements for Self-Retracting Devices for Personal Fall Arrest and Rescue Systems (new standard)

Establishes requirements for the performance, design, qualification testing, markings and instructions, inspections, maintenance and storage, and removal from service of self-retracting devices (SRD's) including self-retracting lanyards (SRL's), self-retracting lanyards with integral rescue capability (SRL-R's), and self-retracting lanyards with leading edge capability (SRL-LE's).

Single copy price: \$80.00

Order from: Timothy Fisher, (847) 768-3411, TFisher@ASSE.org

Send comments (with copy to BSR) to: Same

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:

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE DVS 940-201x, Stream Conditioning for Switching to and from Addressable AVC Content in Digital Television Receivers (new standard)

UL (Underwriters Laboratories, Inc.)

BSR/UL 746C-201x, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2010c)

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: May 15, 2011

ADA (American Dental Association)

ADA Technical Report No. 1048, Attachment of DICOM Datasets Using E-Mail in Dentistry (TECHNICAL REPORT) (technical report)

Provides a technical specification based on the DICOM (Digital Imaging and Communications In Medicine) Standard as it applies to dentistry for the utilization of the ZIP File over E-mail Interchange Profile for the exchange of patient data.

Single copy price: \$25.00

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

Send comments (with copy to BSR) to: Paul Bralower, e-mail bralowerp@ada.org

ADA Technical Report No. 1055, Computer Hardware and Software Guidelines for Dental Offices (TECHNICAL REPORT) (technical report)

Outlines the features of hardware and software for dental practice management systems and propose guidelines for selection for their optimal utilization in dental offices.

Single copy price: \$45.00

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

Send comments (with copy to BSR) to: Paul Bralower, e-mail bralowerp@ada.org

ADA Technical Report No. 1060, Secure Exchange and Utilization of Digital Images in Dentistry (TECHNICAL REPORT) (technical report)

Outlines methods for the secure electronic exchange of electronic digital image files, including those having requirements for diagnostic quality.

Single copy price: \$35.00

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

Send comments (with copy to BSR) to: Paul Bralower, e-mail bralowerp@ada.org

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: 4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633

Contact: *Jennifer Moyer*

Phone: (703) 253-8274

Fax: (703) 276-0793

E-mail: JMoyer@aami.org

BSR/AAMI CI86-201x, Cochlear implants - Output characteristics and performance requirements (new standard)

BSR/AAMI ID26-201x, Infusion Pumps - General Requirements (revision of ANSI/AAMI ID26-2004 (R2009))

BSR/AAMI PC76-201x, Active implantable medical devices - Requirements and test protocols for safety of patients with pacemakers and implantable cardioverter defibrillators exposed to magnetic resonance imaging (new standard)

BSR/AAMI/IEC 80601-2-30-2009/A1-201x, Amendment 1 to ANSI/AAMI/IEC 80601-2-30:2009, Medical electrical equipment - Part 2-30: Particular requirements for basic safety and essential performance of automated type non-invasive sphygmomanometers (supplement to ANSI/AAMI/IEC 80601-2-30-2009)

BSR/AAMI/ISO/IEC 81060-2-200x, Non-invasive sphygmomanometers - Clinical validation of automated measurement type (identical national adoption and revision of ANSI/AAMI/ISO 81060-2-2009)

ASSE (ASC Z359) (American Society of Safety Engineers)

Office: 1800 East Oakton Street
Des Plaines, IL 60018-2187

Contact: *Timothy Fisher*

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE Z359.14-201x, Safety Requirements for Self-Retracting Devices for Personal Fall Arrest and Rescue Systems (new standard)

ISA (ISA)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Eliana Beattie*

Phone: (919) 990-9228

Fax: (919) 549-8288

E-mail: ebeattie@isa.org

BSR/ISA 12.12.03-201x, Standard for Portable Electronic Products Suitable for Use in Class I and II, Division 2, Class I Zone 2 and Class III, Division 1 and 2 Hazardous (Classified) Locations (new standard)

BSR/ISA 60079-26 (12.00.03)-201x, Explosive Atmospheres - Part 26: Equipment for Use in Class I, Zone 0 Hazardous (Classified) Locations (revision of ANSI/ISA 60079-26 (12.00.03)-2008)

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Blvd. #300
Suite 300
Arlington, VA 22201

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: tjenkins@tiaonline.org

BSR/TIA 222-G-3-201x, Structural Standards for Steel Antenna Towers and Antenna Supporting Structures - Addendum 3 (revision, redesignation and consolidation of ANSI/TIA 222-G-2-2009)

BSR/TIA 455-7-A-201x, FOTP-7 Numerical Aperture of Step-Index Multimode Optical Fibers (new standard)

BSR/TIA 455-204-A-201x, Optical Fibres - Part 1-41: Measurement methods and test procedures (new standard)

Call for Members (ANS Consensus Bodies)

AWWA (American Water Works Association)

Office: 6666 West Quincy Avenue
Denver, CO 80235-3098

Contact: Dawn Flancher

Phone: (303)-347-6195

Fax: (303)-795-1440

E-Mail: dflancher@awwa.org

AWWA is seeking experts to serve on Standards Committees. Members provide technical guidance, review, and vote on revisions to ANSI/AWWA standards. Members are needed to represent General Interest (GI), Producers (P), and Users (U). There are currently openings on the following committees:

BSR/ANSI/AWWA 15.105 **Air-Release, Air/Vacuum, and Combination Air Valves** — U

BSR/ANSI/AWWA 15.146 **Backflow Preventer Standards Committee** — GI / U

BSR/ANSI/AWWA 15.216 **Fiberglass Weirs, Troughs, and Baffles** — GI / P / U

BSR/ANSI/AWWA 15.284 **Slide Gates** — GI

BSR/ANSI/AWWA 15.353 **Thermosetting Fiberglass Reinforced Plastic Pipe** — P / U

BSR/ANSI/AWWA 15.370 **Thermosetting Fiberglass Reinforced Plastic Tanks** — GI / P / U

BSR/ANSI/AWWA 15.470 **Distribution Systems Operation and Management**— GI / P

BSR/ANSI/AWWA 15.471 **Water Treatment Plant Operation and Management** — GI / P

BSR/ANSI/AWWA 15.472 **Source Water Protection** — GI / P / U

BSR/ANSI/AWWA 15.474 **Business Practices for Operation and Management** — GI / P

BSR/ANSI/AWWA 15.476 **Security Practices for Operation and Management** — GI / P / U

BSR/ANSI/AWWA 15.471 **Communications and Customer Relations**— GI / P / U

BSR/ANSI/AWWA 15.471 **Utility Management System** — GI / P / U

BSR/ANSI/AWWA 15.480 **Water Conservation Practices** — P / U

BSR/ANSI/AWWA 15.481 **Reclaimed Water Operations and Management** — P / U

BSR/ANSI/AWWA 15.475 **Emergency Preparedness Practices** — P

BSR/ANSI/AWWA 15.501 **Wastewater Treatment Plant Operation and Management** — P

BSR/ANSI/AWWA 15.502 **Wastewater Collection Systems** — GI / P / U

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.

AAMI (Association for the Advancement of Medical Instrumentation)

Revisions

ANSI/AAMI ST67-2011, Sterilization of health care products - Requirements and guidance for selecting a sterility assurance level (SAL) for products labeled "sterile" (revision of ANSI/AAMI ST67-2003 (R2008)): 4/11/2011

ACCA (Air Conditioning Contractors of America)

Revisions

ANSI/ACCA 9 QIvp -2011, ACCA QI Verification Protocols (revision of ANSI/ACCA 9 QIVP-2009): 4/11/2011

AGMA (American Gear Manufacturers Association)

Reaffirmations

ANSI/AGMA 6013-A-2006 (R2011), Standard for Industrial Enclosed Gear (reaffirmation of ANSI/AGMA 6013-A-2006): 4/11/2011

ANSI/AGMA 6113-2006 (R2011), Standard for Industrial Enclosed Gear (Metric Edition) (reaffirmation of ANSI/AGMA 6113-2006): 4/11/2011

AIHA (ASC Z9) (American Industrial Hygiene Association)

New Standards

ANSI/AIHA Z9.4-2011, Abrasive-Blasting Operations - Ventilation and Safe Practices for Fixed Location Enclosures (new standard): 4/8/2011

ASA (ASC S1) (Acoustical Society of America)

Reaffirmations

ANSI/ASA S1.6-1984 (R2011), Preferred Frequencies, Frequency Levels, and Band Numbers for Acoustical Measurements (reaffirmation and redesignation of ANSI S1.6-1984 (R2006)): 4/8/2011

ANSI/ASA S1.8-1989 (R2011), Reference Quantities for Acoustical Levels (reaffirmation and redesignation of ANSI S1.8-1989 (R2006)): 4/8/2011

ANSI/ASA S1.15, Part 1-1997 (R2011), Measurement Microphones - Part 1: Specifications for Laboratory Standard Microphones (reaffirmation and redesignation of ANSI S1.15, Part 1-1997 (R2006)): 4/8/2011

ASME (American Society of Mechanical Engineers)

Revisions

ANSI/ASME RTP-1-2011, Reinforced Thermoset Plastic Corrosion Resistant Equipment (revision of ANSI/ASME RTP-1-2007): 4/8/2011

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmations

ANSI ATIS 0600006-2006 (R2011), Mechanical Structural Issues (reaffirmation of ANSI ATIS 0600006-2006): 4/11/2011

AWWA (American Water Works Association)

Addenda

ANSI/AWWA B300a-2011, Hypochlorites (addenda to ANSI/AWWA B300-2010): 4/11/2011

Revisions

ANSI/AWWA B502-2011, Sodium Polyphosphate, Glassy (Sodium Hexametaphosphate) (revision of ANSI/AWWA B502-2005): 4/8/2011

ANSI/AWWA B503-2011, Sodium Tripolyphosphate (revision of ANSI/AWWA B503-2005): 4/8/2011

ANSI/AWWA D100-2011, Welded Carbon Steel Tanks for Water Storage (revision of ANSI/AWWA D100-2005): 4/8/2011

NEMA (ASC C136) (National Electrical Manufacturers Association)

Reaffirmations

ANSI C136.17-1995 (R2010), Enclosed Side-Mounted Luminaires for Horizontal-Burning High-Intensity Discharge Lamps - Mechanical Interchangeability of Refractors (reaffirmation of ANSI C136.17-1995 (R2005)): 4/4/2011

NSAA (ASC B77) (National Ski Areas Assc.)

Revisions

ANSI B77.1-2011, Passenger Ropeways - Aerial Tramways, Aerial Lifts, Surface Lifts, Tows and Conveyors Safety Requirements (revision of ANSI B77.1-2006): 5/2/2011

TechAmerica

Revisions

ANSI/GEIA STD-927-A-2011, Common Data Schema for Complex Systems (revision of ANSI/GEIA 927-2007): 4/8/2011

TIA (Telecommunications Industry Association)

Addenda

ANSI/TIA/EIA 136-361-1-2011, Packet Data Service -136HS Indoor - Physical Layer (addenda to ANSI/TIA/EIA 136-361-2000 (R2004)): 4/11/2011

Revisions

ANSI/TIA 102.BAAC-C-2011, Project 25 - Common Air Interface Reserved Values (revision of ANSI/TIA 102.BAAC-B-2009): 4/8/2011

UL (Underwriters Laboratories, Inc.)

New Standards

ANSI/UL 1309-2011, Standard for Safety for Marine Shipboard Cables
(new standard): 4/5/2011

ANSI/UL 1309-2011a, Standard for Safety for Marine Shipboard
Cables (new standard): 4/5/2011

Correction

Incorrect Designation

ANSI/ASA S12.53/Part 1

In the Final Actions section of the March 4, 2011 issue of Standards Action, ANSI/ASA S12.53/Part 1 was listed with incorrect approval years. The correct designation is:

ANSI/ASA S12.53/Part 1-2011/ISO 3743-1:2010

Project Initiation Notification System (PINS)

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

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633

Contact: *Hae Choe*

Fax: (703) 276-0793

E-mail: HChoe@aami.org

BSR/AAMI/IEC 80601-2-30-2009/A1-201x, Amendment 1 to ANSI/AAMI/IEC 80601-2-30:2009, Medical electrical equipment - Part 2-30: Particular requirements for basic safety and essential performance of automated type non-invasive sphygmomanometers (supplement to ANSI/AAMI/IEC 80601-2-30-2009)
Stakeholders: Manufacturers and users of sphygmomanometers.
Project Need: To adopt an IEC amendment as an Amendment to an American National Standard.

Deals primarily with editorial corrections and clarifications, clarifies the requirements for operation in the loss of supply mains and references new and updated collateral standards.

BSR/AAMI/ISO/IEC 81060-2-200x, Non-invasive sphygmomanometers - Clinical validation of automated measurement type (identical national adoption and revision of ANSI/AAMI/ISO 81060-2-2009)
Stakeholders: Manufacturers and users of sphygmomanometers.
Project Need: To adopt an ISO/IEC revision as an American National Standard.

Specifies the requirements and methods for the clinical validation of medical electrical equipment used for the intermittent non-invasive automatic estimation of the arterial blood pressure by utilizing a cuff. This standard is applicable to all sphygmomanometers that sense or display pulsations, flow, or sounds for the estimation, display, or recording of blood pressure.

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633

Contact: *Jennifer Moyer*

Fax: (703) 276-0793

E-mail: JMoyer@aami.org

BSR/AAMI CI86-201x, Cochlear implants - Output characteristics and performance requirements (new standard)

Stakeholders: Clinicians, manufacturers, academia.

Project Need: Each manufacturer develops, characterizes, and labels the performance of their systems without any uniform requirements, leaving clinicians to choose a device based on marketing material, trial and error, or other considerations.

Developing a standard that establishes criteria for cochlear implant performance characterization and reporting is critical.

Stipulates the performance, safety, and reliability requirements for medical devices known as cochlear implants. This standard defines means for describing system performance (ex vivo) and, in particular, system output of a cochlear implant by measuring a physical quantity (for example, charge density expressed in clinical units) that are relevant to the auditory perceptions reported by patients upon stimulation of an electrode array implanted in the patient's cochlea.

BSR/AAMI ID26-201x, Infusion Pumps - General requirements (revision of ANSI/AAMI ID26-2004 (R2009))

Stakeholders: Manufacturers, clinicians, clinical engineers, nurses, regulatory bodies.

Project Need: The use environment and the regulatory environment for infusion pumps has changed significantly in the past 10+ years and a new standard is required to fill the gaps left by the current edition of ANSI/AAMI ID26 and the related IEC document, IEC 60601-2-24.

Specifies general requirements for infusion devices such as standardization of displays and interface; minimum requirements for drug library support; integration and data transfer; standardization of hazard analysis approach; and requirements for forensics and quality improvement logs.

BSR/AAMI PC76-201x, Active implantable medical devices -

Requirements and test protocols for safety of patients with pacemakers and implantable cardioverter defibrillators exposed to magnetic resonance imaging (new standard)

Stakeholders: Manufacturers, clinicians, regulators, academia.

Project Need: Physicians are increasingly using magnetic resonance imaging as tool for differential diagnostic, thus exposing pacemakers and ICD patients to such equipment. Current product standards for implantable pacemakers and ICDs do not include requirements and test protocols for implantable pacemakers and ICDs, which would ensure patient safety during such procedures.

Provides requirements and test protocols for implantable pacemakers and implantable cardioverter defibrillators exposed to magnetic resonance imaging.

ADA (American Dental Association)

Office: 211 E. Chicago Ave
Chicago, IL 60611

Contact: Kathy Medic

Fax: (312) 440-2529

E-mail: medick@ada.org

BSR/ADA Specification No. 100-201x, Brackets and Tubes for Use in Orthodontics (identical national adoption and revision of ANSI/ADA 100-2004 (R2009))

Stakeholders: Dental manufacturers, consumers.

Project Need: To harmonize the US Standard to the ISO Standard.

Applies to brackets and tubes for use in fixed orthodontic appliances. This standard gives details of methods to compare the functional dimensions of orthodontic brackets and tubes, the test methods by which they can be determined, as well as packaging and labeling information.

BSR/ADA Specification No. 125-201x, Manual Interdental Brushes (revision of ANSI/ADA Specification No. 125-2009)

Stakeholders: Dental manufacturers, consumers.

Project Need: ANSI/ADA Specification No. 125-2009, Manual Interdental Brushes, is an identical adoption of ISO 16409:2006. In 2010, ISO 16409 Amd1 was published. This revision incorporates the amendment.

Specifies requirements and test methods for performance criteria for manual interdental brushes with a round cross-section of the brush head. This standard also specifies the accompanying information, such as the manufacturer's instructions for use and labeling of the packaging.

BSR/ADA Specification No. 137-201x, Essential characteristics of test methods for the evaluation of treatment methods intended to improve or maintain the microbiological quality of dental unit procedural water (identical national adoption of ISO TS 11080:2009)

Stakeholders: Manufacturers of dental units, researchers, government regulatory agencies.

Project Need: To adopt ISO TS 11080:2009 in order to provide guidance on test methods for evaluating dental waterline treatment methods.

Describes the essential characteristics of test methods to evaluate the effectiveness of treatment methods to improve or maintain the microbiological quality of procedural water from dental units and other dental equipment.

AHAM (Association of Home Appliance Manufacturers)

Office: 1111 19th Street N.W.
Suite 402
Washington, DC 20036

Contact: Matthew Williams

Fax: (202) 872-9354

E-mail: mwilliams@aham.org

BSR/AHAM CM-1-201x, Household Electric Coffeemakers (revision of ANSI/AHAM CM-1-2007)

Stakeholders: Manufacturers, consumer groups, general interest.

Project Need: To update this standard.

Establishes a uniform, repeatable procedure or standard method for measuring specified product characteristics of household electric coffee makers.

BSR/AHAM TC-1-201x, Method for Measuring Performance of Household Trash Compactors (revision of ANSI/AHAM TC-1-2007)

Stakeholders: Manufacturers, consumer groups, general interest.

Project Need: To revise and update this standard.

Establishes a uniform, repeatable procedure and specified test conditions for determining the performance of household trash compactors and certain components used in connection with the compactor.

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 AD5673-1-2005-201x, Agricultural tractors and machinery - Power take-off drive shafts and power-input connection - Part 1: General manufacturing and safety requirements (national adoption with modifications of ISO 5673-1:2005)

Stakeholders: Manufacturers, trade associations.

Project Need: To supersede ANSI/ASABE S604 with ISO 5673-1, with appropriate deviations for North America.

Specifies PTO drive shafts of a tractor or self-propelled machine used in agriculture and the power-input connection (PIC) of its implement, establishing a method for determining PTO static and dynamic torsional strength while giving manufacturing and safety requirements.

ASME (American Society of Mechanical Engineers)

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

Contact: Mayra Santiago

Fax: (212) 591-8501

E-mail: ansibox@asme.org

BSR/ASME B89.6.4-200x, Design Standard and Environmental Control Guidelines for Dimensional Measurement Facilities (new standard)

Stakeholders: Calibration laboratories, automotive, aerospace, research facilities.

Project Need: To help ensure quality measurement calibrations by providing guidelines for controlling the environment in which calibration of equipment and parts take place.

Describes controlled environments for dimensional measurements as well as testing methods. This standard also helps assure industry that the control is adequate for the calibration of measuring equipment as well as the manufacture and acceptance of work pieces.

BSR/ASME PTC 25-201x, Pressure Relief Devices (revision of ANSI/ASME PTC 25-2008)

Stakeholders: Pressure relief device manufacturers users, and testing laboratories.

Project Need: To revise the current 2008 edition based on changes in technology.

Provides standards for conducting and reporting tests on reclosing and nonreclosing pressure relief devices normally used to terminate an abnormal internal or external rise in pressure above a predetermined design value in boilers, pressure vessels, and related piping equipment. This Code covers the methods and procedures to determine relieving capacity and additional operating characteristics which may be required for certification or other purposes by other codes.

AWWA (American Water Works Association)

Office: 6666 West Quincy Avenue
Denver, CO 80235

Contact: Paul Olson

Fax: (303) 795-7603

E-mail: polson@awwa.org; lobb@awwa.org

BSR/AWWA B201-201x, Soda Ash (revision of ANSI/AWWA B201-2008)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To provide the minimum requirements for soda ash, including physical, chemical, sampling, testing, packaging, and shipping requirements.

Describes soda ash for use in the treatment of municipal and industrial water supplies.

BSR/AWWA B304-201x, Liquid Oxygen for Ozone Generation for Water, Wastewater, and Reclaimed Water Systems (revision of ANSI/AWWA B304-2008)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To provide the minimum requirements for LOX intended for water, wastewater, and reclaimed water systems. This standard includes physical, chemical, packaging, shipping, sampling, and testing requirements.

Describes liquid oxygen (LOX) for use in water, wastewater, and reclaimed water systems.

BSR/AWWA B404-201x, Liquid Sodium Silicate (revision of ANSI/AWWA B404-2008)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To provide the minimum requirements for liquid sodium silicate, including physical, chemical, sampling, testing, packaging, and shipping requirements.

Describes liquid sodium silicate used in the preparation of activated silica, which is used as a coagulant aid for the treatment of municipal and industrial water supplies for (1) the control of corrosion and (2) stabilization of iron and manganese in water systems.

BSR/AWWA B501-201x, Sodium Hydroxide (Caustic Soda) (revision of ANSI/AWWA B501-2008)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To provide the minimum requirements for sodium hydroxide, including physical, chemical, sampling, testing, packaging, and shipping requirements.

Describes sodium hydroxide, anhydrous and liquid, for use in the treatment of municipal and industrial water supplies.

BSR/AWWA B512-201x, Sulfur Dioxide (revision of ANSI/AWWA B512-2008)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To provide the minimum requirements for sulfur dioxide, including physical, chemical, sampling, testing, packaging, and shipping requirements.

Describes sulfur dioxide, a compressed, nonflammable liquefied gas, for use in the treatment of municipal and industrial water supplies to remove excess residual chlorine.

BSR/AWWA B602-201x, Copper Sulfate (revision of ANSI/AWWA B602-2008)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To provide the minimum requirements for copper sulfate, including physical, chemical, sampling, testing, packaging, and shipping requirements.

Describes copper sulfate for use in the treatment of municipal and industrial water supplies.

BSR/AWWA C150-A21.50-201x, Thickness Design of Ductile-Iron Pipe (revision and redesignation of ANSI/AWWA C150-2008)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To provide the minimum requirements for the thickness design of ductile-iron pipe, including basis of design and design procedure.

Describes the thickness design of ductile-iron pipe complying with the requirements of ANSI/AWWA C151/A21.51, Ductile-Iron Pipe, Centrifugally Cast, for Water.

BSR/AWWA C203-201x, Coal-Tar Protective Coatings and Linings for Steel Water Pipelines - Enamel and Tape - Hot-Applied (revision of ANSI/AWWA C203-2009)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To provide the requirements for coal-tar protective coatings and linings for steel water pipelines (enamel and tape) hot-applied, including materials, application, verification, and delivery.

Provides the minimum requirements for coal-tar protective exterior coatings and interior linings used in the water supply industry for buried steel water pipelines.

BSR/AWWA C218-201x, Liquid Coating Systems for the Exterior of Aboveground Steel Water Pipelines and Fittings (revision of ANSI/AWWA C218-2008)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To define the minimum requirements for coating the exterior of aboveground steel water pipelines and fittings.

Describes six coating systems designed to protect the exterior surfaces of steel pipelines and the associated fittings used by the water supply industry in aboveground locations.

BSR/AWWA C222-201x, Polyurethane Coatings for the Interior and Exterior of Steel Water Pipe and Fittings (revision, redesignation and consolidation of ANSI/AWWA C222-2008 and ANSI/AWWA C222a-2009)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To provide the minimum requirements for polyurethane lining and coating systems for the interior and exterior of steel water pipe including coating materials, surface preparation, testing, handling, and packaging requirements.

Sets minimum requirements for shop- and field-applied polyurethane interior linings and exterior coatings used in the water supply industry.

BSR/AWWA C228-201x, Stainless-Steel Pipe Flanges for Water Service - Sizes 2 in. through 72 in. (50 mm through 1,800 mm) (revision of ANSI/AWWA C228-2008)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To provide minimum material requirements and dimensions for a variety of stainless-steel flanges for attachment to stainless-steel piping systems.

Describes stainless-steel ring-type slip-on flanges and blind flanges for use in conjunction with stainless-steel pipe used in facilities of waterworks service.

BSR/AWWA C229-201x, Fusion-Bonded Polyethylene Coating for the Exterior of Steel Water Pipelines (revision of ANSI/AWWA C229-2008)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To provide the minimum requirements for FBPE coating for steel water pipe, including material, application, inspection, testing, marking, handling, and packaging requirements.

Describes the materials and application requirements for factory-applied, fusion-bonded polyethylene (FBPE) coating, to the exterior of steel water pipes and fittings and the joint region of rubber-gasket field-jointed steel water pipes and fittings.

BSR/AWWA C518-201x, Dual-Disc Swing-Check Valves for Waterworks Service (revision of ANSI/AWWA C518-2008)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To provide the minimum requirements for dual-disc swing-check valves, suitable for waterworks service, 2-in. through 48-in. (50-mm through 1,200-mm) NPS, including materials and testing.

Establishes minimum requirements for dual-disc swing-check valves, 2-in. (50-mm) through 48-in. (1,200-mm) NPS for clean water having a pH range from 6 to 10 and a temperature range of 33 F - 125 F (0.6 C - 52 C).

BSR/AWWA C541-201x, Hydraulic and Pneumatic Cylinder and Vane-Type Actuators for Valves and Slide Gates (revision of ANSI/AWWA C541-2008)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To define the minimum requirements for hydraulic and pneumatic cylinder- and vane-type-actuating devices for valves and slide gates, including sizing considerations, design, verification, delivery, handling, and storage.

Describes hydraulic and pneumatic cylinder and vane-type actuators for operation of valve and slide gates in utility systems.

BSR/AWWA C620-201x, Spray-Applied In-Place Epoxy Lining of Water Pipelines, 3 in. (75 mm) and Larger (revision of ANSI/AWWA C620-2008)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To provide the minimum requirements for in-place epoxy lining of water pipelines, including materials, design, application, and inspection.

Describes the requirements for the materials and application of an epoxy lining to the inside surface of previously installed water pipelines 3 in. (75 mm) in diameter and larger.

BSR/AWWA C901-201x, Polyethylene (PE) Pressure Pipe and Tubing, 1/2 in. (13 mm) through 3 in. (76 mm), for Water Service (revision of ANSI/AWWA C901-2008)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To provide the requirements for materials, testing and inspection, and shipping of PE pipe and tubing for potable water, wastewater, or reclaimed water systems.

Describes polyethylene (PE) pressure pipe and tubing made from material having standard PE code designations PE 2606, PE 2706, PE 2708, PE 3608, PE 3708, PE 3710, PE 4608, PE 4708, and PE 4710 and intended for use in potable water, reclaimed water, and wastewater service.

BSR/AWWA C104/A21.4-201x, Cement-Mortar Lining for Ductile-Iron Pipe and Fittings (revision and redesignation of ANSI/AWWA C104-2008)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To provide the minimum requirements for shop-applied, cement-mortar linings for ductile-iron pipe and ductile-iron and gray-iron fittings for water, wastewater, and reclaimed water systems.

Describes shop-applied, cement-mortar linings specified in the ANSI/AWWA C100/A21 series of standards for ductile-iron pipe and ductile-iron and gray-iron fittings for water, wastewater, and reclaimed water systems and is intended to be used as a supplement to those standards.

BSR/AWWA C110/A21.10-201x, Ductile-Iron and Gray-Iron Fittings (revision and redesignation of ANSI/AWWA C110-2008)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To provide the minimum requirements for ductile-iron and gray-iron fittings, 3 in. through 48 in. (76 mm through 1,219 mm), for water, wastewater, and reclaimed water.

Describes 3- to 48-in. (76- to 1,219-mm) gray-iron or ductile-iron fittings to be used with ductile-iron pipe for water, wastewater, and reclaimed water.

BSR/AWWA E102-201x, Submersible Vertical Turbine Pumps (revision of ANSI/AWWA E102-2008)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To provide the minimum requirements for submersible vertical turbine pumps.

Provides minimum requirements for submersible vertical turbine pumps utilizing a discharge column pipe assembly.

BSR/AWWA E103-201x, Horizontal and Vertical Line-Shaft Pumps (revision of ANSI/AWWA E103-2008)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To provide minimum requirements for water system pumps of the horizontal centrifugal and vertical line-shaft types.

Provides minimum requirements for horizontal centrifugal pumps and for vertical line-shaft pumps for installation in wells, water treatment plants, water transmission systems, and water distribution systems.

BSR/AWWA G430-201x, Security Practices for Operation and Management (revision of ANSI/AWWA G430-2010)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers.

Project Need: To define the minimum requirements for a protective security program for a water or wastewater utility that will promote the protection of employee safety, public health, public safety, and public confidence.

Covers the minimum requirements for a protective security program for a water or wastewater utility.

CSA (CSA America, Inc.)

Office: 8501 E. Pleasant Valley Rd.
Cleveland, OH 44131

Contact: *Cathy Rake*

Fax: (216) 520-8979

E-mail: cathy.rake@csa-america.org

BSR Z21.18b-201x, Gas Appliances Pressure Regulators (same as CSA 6.3b) (revision of ANSI Z21.18-2007 and ANSI Z21.18a-2010)
Stakeholders: Consumers, manufacturers, gas suppliers, certifying agencies.

Project Need: To revise this standard for safety.

Details test and examination criteria for gas appliance pressure regulators for use with natural, manufactured and mixed gases, liquefied petroleum gases and LP gas-air mixtures. Such devices, either individual or in combination with other controls, are intended to control selected outlet gas pressures to individual gas appliances.

BSR Z21.21-201x, Automatic Valves for Gas Appliances (same as CSA 6.5) (revision of ANSI Z21.21-2005 (R2010) and ANSI Z21.21a-2010)

Stakeholders: Consumers, manufacturers, gas suppliers, certifying agencies.

Project Need: To revise this standard for safety.

Details test and examination criteria for automatic valves, which may be individual automatic valves or valves, utilized as parts of automatic gas ignition systems. This standard also applies to commercial/industrial safety shutoff valves.

CSA (CSA America, Inc.)

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

Contact: *Kelly Adamovich*

Fax: (216) 520-8979

E-mail: Cathy.Rake@CSA-America.org

BSR Z21.80a-201x, Line Pressure Regulators (same as CSA 6.22a) (revision of ANSI Z21.80-2011)

Stakeholders: Consumers, manufacturers, gas suppliers, certifying agencies.

Project Need: To revise this standard for safety.

Details test and examination criteria for line pressure regulators, either individual or in combination with other pressure protection devices intended for application in natural gas piping systems between the service regulator and the gas appliance's).

ECA (Electronic Components Association)

Office: 2500 Wilson Blvd, Suite 310
Arlington, VA 22201-3834

Contact: *Edward Mikoski*

Fax: (703) 875-8908

E-mail: emikoski@ecaus.org

BSR/EIA 364-57-201x, Coupling Pin Strength Test Procedure for Circular Bayonet Electrical Connectors (new standard)

Stakeholders: Electrical, electronics and military applications.

Project Need: To provide a new test standard that standardizes procedures currently contained in multiple military documents.

Establishes a test method to determine whether coupling pin strength can withstand external forces required to mate and unmate circular bayonet electrical connectors with gages or devices

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

Office: NIST - 100 Bureau Drive m/s 8462
100 Bureau Drive, Mail Stop 8642
Gaithersburg, MD 20899-8462

Contact: *Michael Unterweger*

Fax: (301) 926-7416

E-mail: michael.unterweger@nist.gov

BSR N42.55-201x, Performance of Portable X-Ray Systems for Use in Bomb Identification (new standard)

Stakeholders: Law enforcement, fire, criminal justice, and emergency services at the federal, state, local, and tribal levels.

Project Need: To provide a valuable tool that would reveal the variability of performance of the commercial source-detector combinations that are being purchased in increasing volume with limited taxpayer funds

Establishes technical performance requirements and testing methods for portable x-ray imaging systems used for bomb identification. This standard applies to x-ray imaging equipment that produces a single-view direct-projection image as the primary image and is intended for examination of suspicious or left-behind items to detect bulk explosives or improvised explosive devices. This standard addresses technical image-quality performance (not threat-detection performance), and requirements for safety, including radiation exposure limits, electromagnetic interference, mechanical durability, and environmental tolerance requirements.

NFPA (National Fire Protection Association)

Office: One Batterymarch Park
Quincy, MA 02169-7471

Contact: *Amy Beasley Cronin*

Fax: (617) 770-3500

E-mail: ifuller@nfpa.org

BSR/NFPA 67-201x, Guideline on Explosion Protection for Gaseous Mixtures in Pipe Systems (new standard)

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

Project Need: To serve the public interest and need.

Applies to the design, installation, and operation of piping systems containing flammable gases, where there is a potential for ignition.

TechAmerica

Office: 1401 Wilson Boulevard
Suite 1100
Arlington, VA 20004

Contact: *Anne Mwai*

Fax: (703) 525-2279

E-mail: amwai@techamerica.org

BSR/GEIA STD-0005-1-A-201x, Standard for Managing the Use of Pb-Free Solder and Finishes in Aerospace, Defense and High-Performance Electronic Systems (revision and redesignation of ANSI/GEIA STD-0005-1-2007)

Stakeholders: Commercial, military, and space electronics manufacturers, system integrators.

Project Need: To incorporate updates from new knowledge gained since the initial release of the Standard and added processes and procedures addressing the use of commercial off-the-shelf assemblies.

Communicates the technical and administrative processes and procedures needed to mitigate the risks associated with the use of Pb-free solder and finishes in Aerospace High Performance Electronic Systems

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Blvd. #300
Suite 300
Arlington, VA 22201

Contact: *Teesha Jenkins*

Fax: (703) 907-7727

E-mail: tjenkins@tiaonline.org

BSR/TIA 222-G-3-201x, Structural Standards for Steel Antenna Towers and Antenna Supporting Structures - Addendum 3 (revision, redesignation and consolidation of ANSI/TIA 222-G-2-2009)

Stakeholders: Antenna tower manufacturers.

Project Need: To update the standard.

Provides a method of design and analysis for rigid base plate behavior resulting in insignificant anchor rod bending and insignificant secondary pole wall stresses under factored reactions from limit state strength loading conditions.

BSR/TIA 455-7-A-201x, FOTP-7 Numerical Aperture of Step-Index Multimode Optical Fibers (new standard)

Stakeholders: Telecommunications industry.

Project Need: To update the standard.

Updates the current standard.

BSR/TIA 455-204-A-201x, Optical Fibres - Part 1-41: Measurement methods and test procedures (new standard)

Stakeholders: Telecommunications industry.

Project Need: To update the standard.

Describes three methods for determining and measuring the modal bandwidth of multimode optical fibres (see IEC 60793-2-10, IEC 60793-30 series and IEC 60793-40 series). The baseband frequency response is directly measured in the frequency domain by determining the fibre response to a sinusoidally modulated light source. The baseband response can also be measured by observing the broadening of a narrow pulse of light.

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 (Association for the Advancement of Medical Instrumentation)
- AAMVA (American Association of Motor Vehicle Administrators)
- AGA (American Gas Association)
- AGRSS, Inc. (Automotive Glass Replacement Safety Standards Committee, Inc.)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- MHI (ASC MH10) (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

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.

ANSI Developers Contact Information

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment and Final Actions. This section is a list of developers who have submitted standards for this issue of *Standards Action* – it is not intended to be a list of all ANSI-Accredited Standards Developers. Please send all address corrections to Standards Action Editor at standact@ansi.org.

AAMI

Association for the Advancement of
Medical Instrumentation

4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633
Phone: (703) 253-8284
Fax: (703) 276-0793
Web: www.aami.org

ABYC

American Boat and Yacht Council

613 Third Street, Suite 10
Annapolis, MD 21403
Phone: (410) 990-4460
Fax: (410) 990-4466
Web: www.abycinc.org

ACCA

Air Conditioning Contractors of
America

2800 Shirlington Road, Suite 300
Arlington, VA 22206
Phone: (231) 854-1488
Fax: (231) 854-1488
Web: www.acca.org

ADA (Organization)

American Dental Association

211 East Chicago Avenue
Chicago, IL 60611-2678
Phone: (312) 440-2509
Fax: (312) 440-2529
Web: www.ada.org

AGMA

American Gear Manufacturers
Association

1001 N Fairfax Street, 5th Floor
Alexandria, VA 22314
Phone: (703) 684-0211
Fax: (703) 684-0242
Web: www.agma.org

AHAM

Association of Home Appliance
Manufacturers

1111 19th Street N.W.
Suite 402
Washington, DC 20036
Phone: (202) 872-5955 x317
Fax: (202) 872-9354
Web: www.aham.org

AIHA (ASC 29)

American Industrial Hygiene
Association

2700 Prosperity Avenue, Suite 250
Fairfax, VA 22031
Phone: (703) 846-0794
Fax: (703) 207-8558
Web: www.aiha.org

AISC

American Institute of Steel
Construction

One East Wacker Drive, Suite 700
Chicago, IL 60601
Phone: (312) 670-5410
Fax: (312) 986-9022
Web: www.aisc.org

AMCA

AMCA International, Inc.

30 West University Drive
Arlington Heights, IL 60004-1893
Phone: (847) 704-6295
Fax: (847) 253-0088
Web: www.amca.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

API (Organization)

American Petroleum Institute

1220 L Street, NW
Washington, DC 20005-4070
Phone: (202) 682-8571
Fax: (202) 962-4797
Web: www.api.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: www.asa.aip.org

ASABE

American Society of Agricultural and
Biological Engineers

2950 Niles Road
St Joseph, MI 49085
Phone: (269) 932-7015
Fax: (269) 429-3852
Web: www.asabe.org

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

ASSE (Safety)

American Society of Safety Engineers

1800 East Oakton Street
Des Plaines, IL 60018-2187
Phone: (847) 768-3411
Fax: (847) 296-9221
Web: www.asse.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

AWS

American Welding Society

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

AWWA

American Water Works Association

6666 West Quincy Avenue
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-7603
Web: www.awwa.org

CSA

CSA America, Inc.

8501 East Pleasant Valley Road
Cleveland, OH 44131-5575
Phone: (216) 524-4990
Fax: (216) 520-8979
Web: www.csa-america.org

ECA

Electronic Components Association

2500 Wilson Blvd, Suite 310
Arlington, VA 22201-3834
Phone: (703) 907-8023
Fax: (703) 875-8908
Web: www.eia.org

IEEE (ASC N42)

Institute of Electrical and Electronics
Engineers

NIST
100 Bureau Drive, Mail Stop 8642
Gaithersburg, MD 20899-8462
Phone: (301) 975-5536
Fax: (301) 926-7416
Web: www.ieee.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

ITI (INCITS)

InterNational Committee for
Information Technology Standards

1101 K Street NW, Suite 610
Washington, DC 20005
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
Fax: (407) 380-5588
Web: www.laserinstitute.org

NEMA (ASC C136)

National Electrical Manufacturers
Association

1300 N. 17th Street
Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3268
Fax: (703) 841-3368
Web: www.nema.org

NFPA

National Fire Protection Association

One Batterymarch Park
Quincy, MA 02169-7471
Phone: (617) 770-3000
Fax: (617) 770-3500
Web: www.nfpa.org

NSAA (ASC B77)

National Ski Areas Assc.

133 S. Van Gordon Street, Suite 300
Lakewood, CO 80228
Phone: (720) 963-4210
Fax: (720) 986-2345

NSF

NSF International

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

PLASA

PLASA North America
630 Ninth Avenue, Suite 609
New York, NY 10036
Phone: (212) 244-1505
Fax: (212) 244-1502
Web: www.plasa.org

SCTE

Society of Cable Telecommunications
Engineers
140 Philips Rd.
Exton, PA 19341
Phone: (610) 594-7308
Fax: (610) 363-5898
Web: www.scte.org

TechAmerica

TechAmerica
1401 Wilson Boulevard
Suite 1100
Arlington, VA 20004
Phone: (703) 284-5355
Fax: (703) 525-2279
Web: www.techamerica.org

TIA

Telecommunications Industry
Association
2500 Wilson Blvd.
Suite 300
Arlington, VA 22201
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL

Underwriters Laboratories, Inc.
1285 Walt Whitman Road
Melville, NY 11747
Phone: (631) 271-6200
Fax: (631) 439-6756
Web: www.ul.com/

ISO & 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 Rachel Howenstine 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 13199, Stationary source emissions - Determination of total volatile organic compounds (TVOC) in waste gases from non-combustion processes - Non-dispersive infrared method equipped with catalytic converter - 7/9/2011, \$102.00

ERGONOMICS (TC 159)

ISO/DIS 9241-154, Ergonomics of human-system interaction - Part 154: Interactive voice response (IVR) applications - 7/9/2011, \$107.00

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

ISO/DIS 23251, Petroleum, petrochemical and natural gas industries - Pressure-relieving and depressuring systems - 7/9/2011, FREE

NON-DESTRUCTIVE TESTING (TC 135)

ISO/DIS 3452-1, Non-destructive testing - Penetrant testing - Part 1: General principles - 7/9/2011, \$82.00

PLASTICS (TC 61)

ISO/DIS 12817, Fibre-reinforced plastic composites - Determination of open-hole compression strength - 7/8/2011, \$58.00

ISO/DIS 13975, Plastics - Determination of the ultimate anaerobic biodegradation of plastic materials in controlled slurry digestion systems - Method by measurement of biogas production - 2/3/2011, \$62.00

PROJECT COMMITTEE: PROJECT MANAGEMENT (TC 236)

ISO/DIS 21500, Guidance on project management - 7/6/2011, \$107.00

REFRIGERATION (TC 86)

ISO/DIS 14903, Refrigerating systems and heat pumps - Qualification of tightness of components and joints - 7/10/2011, \$107.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 18898, Rubber - Calibration and verification of hardness testers - 7/6/2011, \$71.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 614, Ships and marine technology - Toughened safety glass panes for rectangular windows and side scuttles - Punch method of non-destructive strength testing - 7/6/2011, \$33.00

ISO/DIS 1751, Ships and marine technology - Shipside scuttles - 7/6/2011, \$77.00

ISO/DIS 3434, Shipbuilding and marine structures - Heated glass panes for ships rectangular windows - 7/6/2011, \$53.00

ISO/DIS 3903, Ships and marine technology - Ships ordinary rectangular windows - 7/6/2011, \$82.00

ISO/DIS 21005, Ships and marine technology - Thermally toughened safety-glass panes for windows and side scuttles - 7/6/2011, \$40.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO/DIS 16129, Surface chemical analysis - X-ray photoelectron spectroscopy - Procedures for assessing the day-to-day performance of an X-ray photoelectron spectrometer - 7/8/2011, \$67.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 2553, Welding and allied processes - Symbolic representation on drawings - Welded, brazed and soldered joints - 7/9/2011, \$134.00

ISO/DIS 15012-1, Health and safety in welding and allied processes - Equipment for capture and separation of welding fume - Part 1: Requirements for testing and marking of separation efficiency - 7/9/2011, \$62.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 30170, Information technology - Programming languages - Ruby - 7/8/2011, FREE

IEC Standards

48B/2239/FDIS, IEC 61076-2-106 Ed.1.0: Connectors for electronic equipment - Product requirements - Part 2-106: Circular connectors - Detail specification for connectors M 16 x 0,75 with screw-locking and degree of protection IP40 or IP65/67, 06/10/2011

48B/2240/FDIS, IEC 61076-2- Ed 2.0: Connectors for electronic equipment - Product requirements - Part 2: Sectional specification for circular connectors, 06/10/2011

- 48B/2241/FDIS, IEC 61076-2-001 Ed 1.0: Connectors for electronic equipment - Product requirements - Part 2-001: Circular connectors - Blank detail specification, 06/10/2011
- 80/617/FDIS, IEC 61993-2 Ed.2: Maritime navigation and radiocommunication equipment and systems - Automatic Identification Systems (AIS) - Part 2: Class A shipborne equipment of the universal automatic identification system (AIS) - Operational and performance requirements, methods of test and required test results, 06/10/2011
- 85/387/FDIS, IEC 61557-13 Ed.1: Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 13: Hand-held and hand-manipulated current clamps and sensors for measurement of leakage currents in electrical distribution systems, 06/10/2011
- 15/625/FDIS, IEC 60684-3-247 Ed. 1.0: Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 247: Heat-shrinkable, polyolefin sleeving, dual wall, not flame retarded, thick and medium wall, 06/03/2011
- 15/626/FDIS, IEC 60684-3-205 Ed. 1.0: Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 205: Heat-shrinkable chlorinated polyolefin sleeving, flame retarded, nominal shrink ratio 1,7:1 and 2:1, 06/03/2011
- 15/627/FDIS, IEC 60684-3-271 Ed. 3.0: Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 271: Heat-shrinkable elastomer sleeveings, flame retarded, fluid resistant, shrink ratio 2:1, 06/03/2011
- 48B/2238/FDIS, IEC 60512-9-3 Ed 2.0: Connectors for electronic equipment - Tests and measurements - Part 9-3: Endurance tests - Test 9c: Mechanical operation (engaging/separating) with electrical load, 06/03/2011
- 56/1422/FDIS, IEC 61709 Ed. 2.0: Electric components - Reliability - Reference conditions for failure rates and stress models for conversion, 06/03/2011
- 90/263/FDIS, IEC 61788-4 Ed.3: Superconductivity - Part 4: Residual resistance ratio measurement - Residual resistance ratio of Nb-Ti composite superconductors, 06/03/2011
- 46F/191/FDIS, IEC 61169-35 Ed 1.0: Radio-Frequency Connectors - Part 35: Sectional specification for 2,92 series RF connectors, 05/27/2011
- 47F/80/FDIS, IEC 62047-12 Ed.1: Semiconductor devices - Micro-electromechanical devices - Part 12: Bending fatigue testing method of thin film materials using resonant vibration of MEMS structures, 05/27/2011
- 55/1223/FDIS, IEC 60851-5 A1 Ed. 4.0: Winding wires - Test methods - Part 5: Electrical properties, 05/27/2011
- 57/1121/FDIS, IEC 61850-7-1 Ed.2: Communication networks and systems for power utility automation - Part 7-1: Basic communication structure - Principles and models, 05/27/2011
- 62D/918/FDIS, IEC 60601-2-31 Amd.1 Ed. 2: Medical electrical equipment - Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source, 05/27/2011
- 81/391/FDIS, IEC 62561-5: Lightning Protection System Components (LPSC) - Part 5: Requirements for earth electrode inspection housings and earth electrode seals, 05/27/2011
- 81/392/FDIS, IEC 62561-6: Lightning Protection System Components (LPSC) - Part 6: Requirements for lightning strike counters (LSC), 05/27/2011
- 100/1829/FDIS, IEC 62605: Multimedia systems and equipment - Multimedia e-publishing and e-books - Interchange format for e-dictionaries, 05/27/2011



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>).

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 25378:2011, Geometrical product specifications (GPS) - Characteristics and conditions - Definitions, \$157.00

FASTENERS (TC 2)

ISO 4017:2011, Hexagon head screws - Product grades A and B, \$65.00

ISO 4018:2011, Hexagon head screws - Product grade C, \$65.00

ISO 7048:2011, Cross-recessed cheese head screws, \$49.00

ISO 8676:2011, Hexagon head screws with metric fine pitch thread - Product grades A and B, \$73.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO 15380:2011, Lubricants, industrial oils and related products (class L) - Family H (Hydraulic systems) - Specifications for categories HETG, HEPG, HEES and HEPR, \$92.00

PLASTICS (TC 61)

ISO 15015:2011, Plastics - Extruded sheets of impact-modified acrylonitrile-styrene copolymers (ABS, AEPDS and ASA) - Requirements and test methods, \$73.00

SMALL CRAFT (TC 188)

ISO 12402-7/Amd1:2011, Personal flotation devices - Part 7: Materials and components - Safety requirements and test methods - Amendment 1, \$104.00

ISO 12402-8/Amd1:2011, Personal flotation devices - Part 8: Accessories - Safety requirements and test methods - Amendment 1, \$16.00

ISO 12402-9/Amd1:2011, Personal flotation devices - Part 9: Test methods - Amendment 1, \$16.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 11783-5:2011, Tractors and machinery for agriculture and forestry - Serial control and communications data network - Part 5: Network management, \$116.00

ISO 11783-13:2011, Tractors and machinery for agriculture and forestry - Serial control and communications data network - Part 13: File server, \$149.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 24724:2011, Information technology - Automatic identification and data capture techniques - GS1 DataBar bar code symbology specification, \$180.00

ISO/IEC/IEEE 24765:2011, Systems and software engineering - Vocabulary, \$335.00

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

Society of Cable Telecommunications

ANSI Accredited Standards Developer

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.

Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at www.scte.org or by email from standards@scte.org.

ANSI Accredited Standards Developers

Approval of Reaccreditation

Underwriters Laboratories (UL)

ANSI's Executive Standards Council has approved the reaccreditation of Underwriters Laboratories (UL), a full ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on proposed American National Standards, effective April 7, 2011. For additional information, please contact: Ms. Deborah Prince, STP Chair/Membership Coordinator, Global Standards Department, Underwriters Laboratories, 12 Laboratory Drive, Research Triangle Park, NC 27709; PHONE: (919) 549-1460; FAX: (919) 547-6178; E-mail: deborah.r.prince@us.ul.com.

ANSI-ASQ National Accreditation Board (ANAB)

Suspension of Accreditation Lifted

ABS Quality Evaluations, Inc.

Effective March 30, 2011, ANAB lifted the suspension of accreditation of ABS Quality Evaluations, Inc. for ISO 14001 environmental management systems; ISO 9001 quality management systems; AS9003, AS9100, and AS9120 quality management systems; ISO 13485 medical devices quality management systems; RC14001 and Responsible Care Management Systems; and TL 9000 quality management systems.

Public Comments Sought

Draft ANAB Accreditation Rule T, Transition to ISO/IEC 17021:2011 from ISO/IEC 17021:2006

Comment Deadline: May 15, 2011

Public comments are sought on draft ANAB Accreditation Rule T, Transition to ISO/IEC 17021:2011 from ISO/IEC 17021:2006. Interested parties are invited to login to EQM at <http://anab.remoteauditor.com/> to download the document and comment on public ballots 927. (NOTE: A username and password are required. If you do not have a username and password for EQM, go to http://www.anab.org/UserRegistration/WebBallotUsers_Registration.aspx.) Please submit your comments no later than May 15, 2011.

Revised ANAB Accreditation Rule 17, Accreditation Program for Sustainable Forestry Initiative

Comment Deadline: May 15, 2011

Public comments are sought on revised ANAB Accreditation Rule 17, Accreditation Program for Sustainable Forestry Initiative. Interested parties are invited to login to EQM at <http://anab.remoteauditor.com/> to download the document and comment on public ballots 928. (NOTE: A username and password are required. If you do not have a username and password for EQM, go to http://www.anab.org/UserRegistration/WebBallotUsers_Registration.aspx.) Please submit your comments no later than May 15, 2011.

ANSI Accreditation Program for Third Party Product Certification Agencies

Scope Extension

Intertek Testing Services, NA, Inc.

Comment Deadline: May 16, 2011

Mr. Paul Moliski
Vice President, Accreditation
Intertek Testing Services, NA, Inc.
3933 U.S. Route 11
Cortland, NY 13045
PHONE: (607) 753-6711
FAX: (607) 756-9891
E-mail: paul.moliski@intertek.com

Intertek Testing Services, NA, Inc. an ANSI-accredited certification body, has extended its scope of ANSI accreditation to include the following:

- BIFMA level™ Certification Program for BIFMA e3-2008 Furniture Sustainability Standard EPA WaterSense Showerheads

- NSF 372: Drinking Water System Components – Lead Content

Please send your comments by May 16, 2011 to Reinaldo Figueiredo, Senior Program Director, Product Certification Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036.

You may e-mail any comments to Reinaldo Figueiredo (rfigueir@ansi.org) or Nikki Jackson (njackson@ansi.org) at ANSI, or fax your comments to (202) 293-9287.

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Fireworks

Comment Deadline: May 27, 2011

The Standards Administration of China (SAC) has submitted to ISO a proposal for a new field of ISO technical activity on the subject of Fireworks, with the following scope statement:

- Standardization in the field of Fireworks, including quality control, definitions, terminology, classification, categorization, labeling, test methods and basic safety requirements.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via e-mail: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, May 27, 2011.

Meeting Notices

AIHA Meetings

ANSI/AIHA ASC Z88 on Respiratory Protection will meet on May 18, 4 to 6 p.m. at the Portland Convention Center, Portland, OR.

ANSI/AIHA Z88.12 Subcommittee on Respiratory Protection for Infectious Aerosols will meet on May 16, 7:30 to 9:30 a.m. at the Portland Convention Center, Portland, OR.

ANSI/AIHA ASC Z9 on Health and Safety Standards for Ventilation Systems will meet on May 18, 1 to 3 p.m. at the Portland Convention Center, Portland, OR.

ANSI/AIHA Z9.12 Subcommittee on Design, Operation, and Maintenance of Combustible Dust Collection Systems will meet on May 17, 8:00 to 11:00 a.m. at the Portland Convention Center, Portland, OR.

ANSI/AIHA ASC Z10 on Occupational Health and Safety Management Systems Standards will meet on May 19th, 8 a.m. to 5 p.m. and May 20th 8 a.m. to Noon at the Portland Convention Center, Portland, OR.

For additional information on these meetings, please contact Mili Mavely at mmavely@aiha.org. Details regarding hotel, travel, registration can be found on the American Industrial Hygiene Associations website, <http://www.aihce2011.org/aihce11/>.

Tracking number 42i69r1
 © 2011 NSF
 multiple revisions for 42i69, 53i80

Revision to ANSI/NSF 42 – 2010
 Issue 69 Revision 1 (April 2011)

Not for publication. This draft text is for circulation for approval by the Joint Committee on Drinking Water Treatment Units and has not been published or otherwise officially promulgated. All rights reserved. This document may be reproduced for informational purposes only.

[Note – the changes are seen below using ~~strikeout~~ for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard
 for Drinking Water Treatment Units –

Drinking water treatment units – Aesthetic effects

6 Minimum performance requirements

- .
- .
- .

~~6.11~~ **Media**

~~Systems making mechanical reduction claims shall demonstrate no visible evidence of media migration when tested in accordance with 6.11.1.1. Systems not making mechanical reduction claims shall demonstrate no visible evidence of media migration when tested in accordance with 6.11.1.2. Systems shall exhibit no visible evidence of media migration during contaminant reduction testing. Visible evidence of media migration shall be defined as media visually observed as retained on a 50 mesh sieve.~~

~~6.11.1~~ **Media test**

~~6.11.1.1~~ **Method** ~~systems making mechanical reduction claims~~

~~For systems making mechanical reduction claims, the filter media sampling in 6.11.1.3 may be combined with any mechanical reduction test. Filter media testing may also be conducted as a standalone test, as follows:~~

- ~~a) Two systems shall be flushed and conditioned according to the manufacturer's instructions, using general test water.~~
- ~~b) The systems shall be operated for one 10-min "on" cycle with general test water. Batch systems shall be operated for one batch with general test water.~~
- ~~c) Operation of the systems shall continue with a 50% on / 50% off cycle, for 16 h per 24-h period, followed by an 8-h rest under pressure, using a challenge containing at least 10 NTU ISO coarse test dust (ISO 12103-A4) in general test water, until the original flow rate of the systems has decreased by 75%. Batch systems shall be operated using a challenge containing at least 10 NTU ISO coarse test dust (ISO 12103-A4) in general test water, until the original flow rate of the systems has decreased by 75%.~~

Tracking number 42i69r1
© 2011 NSF
multiple revisions for 42i69, 53i80

Revision to ANSI/NSF 42 – 2010
Issue 69 Revision 1 (April 2011)

Not for publication. This draft text is for circulation for approval by the Joint Committee on Drinking Water Treatment Units and has not been published or otherwise officially promulgated. All rights reserved. This document may be reproduced for informational purposes only.

~~6.11.1.2 — Method — systems not making mechanical reduction claims~~

~~For those systems not making mechanical reduction claims, the filter media sampling in 6.11.1.3 may be conducted combined with any contaminant reduction test, prior to commencement of that test.~~

- ~~a) Two systems shall be flushed and conditioned according to the manufacturer's instructions, using general test water.~~
- ~~b) The systems shall be operated for one 10 min "on" cycle with general test water. Batch systems shall be operated for one batch with general test water.~~

Reason: Removed filter media test per 2010 DWTU Joint Committee meeting decision (November 10, 2010). The original intent of the test was to make sure media was not being dumped into the effluent. As it is currently written, one particle can fail a product.

Tracking number 58i56r1
© 2011 NSF

Revision to NSF/ANSI 58 – 2009
Issue 56 revision 1 (March 2011)

Not for publication. This draft text is for circulation for approval by the Joint Committee on Drinking Water Additives and has not been published or otherwise officially promulgated. All rights reserved. This document may be reproduced for informational purposes only.

[Note – the changes are seen below using **strikeout** for removal of old text and **gray highlights** to show the suggested text. **ONLY** the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard
for Drinking Water Treatment Units —

Reverse osmosis drinking water treatment systems

.
. .

7 Elective performance claims – test methods

.
. .

Table 8 – Contaminant reduction requirements

Contaminant	Individual influent sample point limits ¹ mg/L	Average influent challenge level mg/L	Maximum allowable product water level mg/L	USEPA method/s	Compounds
arsenic (pentavalent) ²	0.30 ±20%, 0.30 ±25% ³	0.30 ± 10%	0.010	200.7 ⁴ , 200.8	Na ₂ HAsO ₄ · 7H ₂ O
arsenic (pentavalent) ²	0.050 ±20%, 0.050 ±25% ³	0.050 ± 10%	0.010	200.7 ⁴ , 200.8	Na ₂ HAsO ₄ · 7H ₂ O
barium	10.0 ±20%, 10.0 ±25% ³	10.0 ± 10%	2.0	200.7, 200.8	BaCl ₂ · 2H ₂ O
cadmium	0.03 ±25%	0.03 ± 10%	0.005	200.8, 200.9	CdCl ₂ · 2.5 H ₂ O or Cd(NO ₃) ₂
chromium (hexavalent) ⁵	0.3 ± 20%, 0.3 ± 25% ⁶	0.3 ± 10% (added as hexavalent)	0.1	200.7, 200.8, 200.9	Na ₂ Cr ₂ O ₇ · 2 H ₂ O
chromium (trivalent) ⁵	0.3 ± 30% ⁷	0.3 ± 10% (added as trivalent)	0.1	—	CrCl ₃ · 6 H ₂ O
chromium (hexavalent and trivalent)	0.3 ±25%	0.3 ± 10% (added as 0.15 mg/L hexavalent and 0.15 mg/L trivalent)	0.05 (for each species)	SM3500-CrD and 200.8	—
copper	3.0 ± 20%,	3.0 ± 10%	1.3	200.7, 200.8	CuSO ₄ · 5 H ₂ O

Tracking number 58i56r1
© 2011 NSF

Revision to NSF/ANSI 58 – 2009
Issue 56 revision 1 (March 2011)

Not for publication. This draft text is for circulation for approval by the Joint Committee on Drinking Water Additives and has not been published or otherwise officially promulgated. All rights reserved. This document may be reproduced for informational purposes only.

Table 8 – Contaminant reduction requirements

Contaminant	Individual influent sample point limits ¹ mg/L	Average influent challenge level mg/L	Maximum allowable product water level mg/L	USEPA method/s	Compounds
	3.0 ± 25% ³				
fluoride	8.0 ± 25%	8.0 ± 10%	1.5	340.2	NaF
lead	0.15 ± 25%	0.15 ± 10%	0.010	200.8, 200.9	PbCl ₂ or Pb(NO ₃) ₂
mercury	0.006 ± 25%	0.006 ± 10% (added as mercuric chloride)	0.002	200.8, 245.1	HgCl ₂
perchlorate	0.13 ± 25% 0.10 ± 25%	0.13 ± 10% 0.10 ± 10%	0.004 0.006	314.0	NaClO ₄
selenium	0.10 ± 25%	0.10 ± 10% (added as 0.05 mg/L selenite and 0.05 mg/L selenate)	0.05	200.8, 200.9	50/50 mix of Na ₂ SeO ₃ and Na ₂ SeO ₄
radium 226/228 ⁸	N/ A	25 pCi/L	5 pCi/L	—	—

¹ Equals average influent challenge concentration variability plus one of the following, in order of availability:
1. Acceptable Continuing Calibration Verification (CCV) limits stated in the appropriate USEPA method.
2. Acceptable spike recoveries as stated in the appropriate USEPA method.
3. Opinion of laboratory professionals – no guidance available in USEPA method.

² Arsenic shall be added in the pentavalent form and analyzed for total arsenic. Arsenic reduction is species-dependent; therefore, reduction claims shall only be made on chlorinated water supplies where trivalent arsenic has been oxidized to the pentavalent form, as indicated by the presence of a detectable residual of free chlorine at the system inlet.

³ The first limits apply to analysis conducted according to the first USEPA method, and the second limits apply to analysis conducted according to the second USEPA method.

⁴ For arsenic, USEPA Method 200.7 shall be used for analysis of influent sample concentrations only.

⁵ Chromium shall be added as chromate for hexavalent chromium reduction and measured as total chromium. Trivalent chromium reduction may be claimed only after additional testing.

⁶ The first limits apply to analysis conducted according to USEPA method 200.7, and the second limits apply to analysis conducted according to USEPA method 200.8 or 200.9.

⁷ Trivalent chromium is a calculated parameter. The range is based on the propagated error of two analyses.

⁸ For test purposes, barium shall be added to the influent challenge water and shall be analyzed in the influent challenge water and product water. The reduction of radium is not concentration-dependent; therefore, barium shall be added at 10 mg/L with a maximum product water level of 2.0 mg/L. Barium is used as a surrogate based on its relationship with radium on the periodic table and the difficulty in using radium for routine testing.

– concluded –

Reason: Perchlorate has been updated to correct an error published in NSF/ANSI 58-2009.