Comment Deadline: September 28, 2008

NSF (NSF International)

Revisions

BSR/NSF 49-200x (i30), Class II (laminar flow) biosafety cabinetry (revision of ANSI/NSF 49-2007)

Issue 30 - Remove reference to the term biological safety cabinet and consistently use biosafety cabinet throughout the standard.

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

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

BSR/NSF 50-200x (i49), Circulation system components and related materials for swimming pools, spas/hot tubs (revision of ANSI/NSF 50-2007)

Issue 49 - Add reference for NSPI 6 and NSF P181.

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

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 758-200x, Appliance Wiring Material (Proposal dated August 29, 2008) (revision of ANSI/UL 758-2008)

Withdraws 5/9/08 (Topic #9) - Proposed change to 48.2 to include marking requirements for coverings.

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

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

Comment Deadline: October 13, 2008

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions

BSR/AAMI/ISO 10993-10-200x, Biological evaluation of medical devices - Part 10: Test for irritation and delayed-type hypersensitivity (identical national adoption and revision of ANSI/AAMI BE78-2002 and ANSI/AAMI BE78-2002/A1-2006)

Describes the procedure for the assessment of medical devices and their constituent materials with regard to their potential to produce irritation and skin sensitization. Includes:
(a) Pretest considerations for irritation, including in silico and in vitro methods for dermal exposure;
(b) Details of in vivo (irritation and sensitization) test procedures; and
(c) Key factors for the interpretation of the results.

Single copy price: Print: $20.00 (AAMI members), $25.00 (list); PDF: Free (AAMI members), $25.00 (list)

Obtain an electronic copy from: http://marketplace.aami.org

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

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

BSR/AAMI/ISO 10993-13-200x, Biological evaluation of medical devices - Part 13: Identification and quantification of degradation products from polymeric medical devices (identical national adoption and revision of ANSI/AAMI/ISO 10993-13-1999 (R2004))

Provides general requirements for the design of tests in a simulated environment for identifying and quantifying degradation products from finished polymeric medical devices ready for clinical use.

Single copy price: Print: $20.00 (AAMI members), $25.00 (list); PDF: Free (AAMI members), $25.00 (list)

Obtain an electronic copy from: http://marketplace.aami.org

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

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

BSR/AAMI/ISO 14155-200x, Clinical Investigation of Medical Devices for Human Subjects (identical national adoption and revision of ANSI/AAMI/ISO 14155-1-2003 and ANSI/AAMI/ISO 14155-2-2003)

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

Single copy price: Print: $20.00 (AAMI members), $25.00 (list); PDF: Free (AAMI members), $25.00 (list)

Obtain an electronic copy from: http://marketplace.aami.org

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

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

AIHA (ASC Z9) (American Industrial Hygiene Association)

New Standards

BSR/AIHA Z9.4-200x, Abrasive-Blasting Operations - Ventilation and Safe Practices for Fixed Location Enclosures (new standard)

Applies to all operations in fixed location abrasive-blast enclosures in which an abrasive forcibly comes in contact with a surface by pneumatic or hydraulic pressure or by centrifugal force. It shall not apply to steam blasting, steam cleaning, or hydraulic cleaning methods in which work is done without the aid of abrasives. It also shall not apply to abrasive blasting conducted outdoors (e.g., bridges, water towers) even though temporary enclosures may be built at such locations.

Single copy price: Free

Obtain an electronic copy from: mmavely@aiha.org

Order from: Mili Mavely, mmavely@aiha.org

Send comments (with copy to BSR) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

Withdrawals

ANSI ATIS 0326600-2005, Structure for the Identification of Telecommunications Circuits for Information Exchange (withdrawal of ANSI ATIS 0326600-2005)

Provides the code and format structures necessary for identification of telecommunications circuits and describes the code structures with various combinations of data units represented within those structures. This standard contains clauses that cover its purpose and scope, described format structures and data elements for message trunks and message trunk groups and for special services circuits. It also contains definitions and references.

Single copy price: $58.00

Obtain an electronic copy from: kconn@atis.org

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

Send comments (with copy to BSR) to: Same

ANSI T1.238-2003, Information Interchange - Structure for the Identification of Telecommunications Facilities for the North American Telecommunications System (withdrawal of ANSI T1.238-2003)

Provides the code and format structures for the unique identification of facilities between any two terminal locations. Each of four format structures (i.e., cable facility, cable facility with pair identification, carrier facility, and carrier facility with channel/time slot identification) is intended to be a portion of a telecommunications standard that facilitates information interexchange between humans, between humans and machines, and between machines.

Single copy price: $58.00

Obtain an electronic copy from: kconn@atis.org

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

Send comments (with copy to BSR) to: Same

AWS (American Welding Society)

Revisions

BSR/AWS A5.14/A5.14M-200x, Specification for Nickel and Nickel-Alloy Bare Welding Electrodes and Rods (revision of ANSI/AWS A5.14/A5.14M-2005)

Specifies the chemical compositions of nearly fifty nickel and nickel-alloy welding electrodes and rods, including thirteen compositions not previously classified. Major topics include general requirements, testing, packaging and application guidelines. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these are not equivalent, each system must be used independently of the other.

Single copy price: $25.00

Obtain an electronic copy from: roneill@aws.org

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

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

HL7 (Health Level Seven)

Revisions

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

This ballot is for all V2 chapters to create the HL7 V2.7 standard from Version 2.6 by applying those proposals that were accepted by the end of the January 2008 WGM, ruled to be in scope, and found to be possible in the publication timeframe.

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

Obtain an electronic copy from: Karenvan@HL7.org

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

Send comments (with copy to BSR) to: Same

BSR/HL7 V3 SPL, R4-200x, HL7 Version 3 Standard: Structured Product Labeling, Release 4 (revision of ANSI/HL7 V3 SPL, R3-2007)

This is the fourth release of the Structured Product Labeling standard (SPL R4). SPL release 4 is an extension of the SPL release 3 content to cover medical devices and to enable the use of SPL in biologics and veterinary product labeling. Since the last ballot, the Organization id was constrained to 0 to 1, a change was made to revise this to a 0 in many relationships. This ballot is to reconcile this change.

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

Obtain an electronic copy from: Karenvan@HL7.org

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

Send comments (with copy to BSR) to: Same

JCSEE (Joint Committee on Standards for Educational Evaluation)

New Standards

BSR/JCSEE PgES3-200x, The Program Evaluation Standard (new standard)

Addresses the quality of educational program and project evaluations and metaevaluations of educational evaluations.

Single copy price: Approximately $50.00

Order from: JCSEE or Sage Publishing

Send comments (with copy to BSR) to: Donald Yarbrough, JCSEE; d-yarbrough@uiowa.edu

NSF (NSF International)

Revisions

BSR/NSF 170-200x (i10), Glossary of food equipment terminology (revision of ANSI/NSF 170-2008)

Issue 10 - The purpose of this ballot is to define the term and variable capacity compressor and modify the term compressor percentage run time.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/2325/170i10r2.pdf

Order from: Lorna Badman, NSF; badman@nsf.org

Send comments (with copy to BSR) to: Same

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 414-200x, Standard for Safety for Meter Sockets (Proposals dated August 29, 2008) (revision of ANSI/UL 414-2006)

Resolve comments received by UL to the following proposals for UL 414, which were originally published on February 1, 2008:
(1) Requirements for current carrying part of potential jaw assembly;
(3) Addition of requirements for rejection clips; and
(6) Addition of appendix for explanatory information regarding wire bending distance.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Derrick Martin, UL-CA; Derrick.L.Martin@us.ul.com

BSR/UL 1030-200x, Standard for Safety for Sheathed Type Heating Elements (revision of ANSI/UL 1030-2004)

The following changes in requirements to the Standard for Sheathed Type Heating Elements, UL 1030, are being proposed:
(1) Revise the manufacturing and production dielectric test values in Table 15.1 of UL 1030 to be consistent to those in UL 499;
(2) Clarify Section 7.1, Exception 2 regarding terminal constructions and junction of dissimilar materials;
(3) Revise Section 5.5 and Table 14.1 to include titanium as a sheath material; and
(4) Revise Table 15.1 to include Maximum Current.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Valara Davis, UL; Valara.Davis@us.ul.com

BSR/UL 1077-200x, Standard for Safety for Supplementary Protectors for Use in Electrical Equipment (Proposal dated 8/29/08) (revision of ANSI/UL 1077-2008)

Covers:
(1) Clarification of the scope regarding devices that incorporate a motor anti-auto restart feature or a motor drop out circuit;
(2) Clarification of the reference to "Trip Unit" in UL 1077;
(3) Revision of requirements to permit omission of the cotton pad test;
(4) Clarification of the testing of supplementary protectors in an oven;
(5) Clarification of the scope regarding automatic reset devices;
(6) Clarification of the use of cotton as a fire indicator; and
(7) Deletion of the Canadian Requirements Guide (CRG).

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: Patricia Sena, UL-NY; Patricia.A.Sena@us.ul.com

BSR/UL 1081-200x, Swimming Pool Pumps, Filters, and Chlorinators (Proposal dated 8/29/08) (revision of ANSI/UL 1081-2008)

Proposals to revise the following requirements:
(1) Scope;
(2) Editorial updates;
(3) Ground-fault protection and double insulation;
(4) Power supply connections - permanently connected units;
(5) Gasket properties;
(6) Markings for swimming pool or spa use;
(7) Temperature limits for electrolytic capacitors;
(8) Motor overload testing;
(9) Resistance to ultraviolet light and water test; and
(10) Important safety instructions.

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: Barbara Davis, UL-CA, Barbara.J.Davis@us.ul.com

Reaffirmations

BSR/UL 985-2003 (R200x), Standard for Household Fire Warning System Units (reaffirmation and redesignation of ANSI/UL 985-2003)

Covers household fire warning system control units intended to be installed in accordance with the National Fire Alarm Code, ANSI/NFPA 72, and the “American National Standard National Electrical Code,” ANSI/NFPA 70. These requirements also apply to the use of combination systems, such as a combination fire-burglar alarm system control unit, which uses circuit wiring common to both systems.

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: Megan Cahill; UL-IL, Megan.M.Cahill@us.ul.com

Comment Deadline: October 28, 2008

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions

BSR/AAMI/ISO 10993-16-200x, Biological evaluation of medical devices - Part 16: Toxicokinetics study design for degradation products and leachables (identical national adoption and revision of ANSI/AAMI/ISO 10993-16-1997 (R2003))

Specifies principles on how toxicokinetic studies relevant to medical devices should be designed and performed. Includes an annex that describes considerations for inclusion of toxicokinetic studies in the biological evaluation of medical devices.

Single copy price: $25.00

Obtain an electronic copy from: Hillary Woehrle, AAMI; hwoehrle@aami.org

Order from: AAMI

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

AWWA (American Water Works Association)

Revisions

BSR/AWWA C203-200x, Coal-Tar Protective Coatings and Linings for Steel Water Pipelines - Enamel and Tape - Hot Applied (revision of ANSI/AWWA C203-2002)

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

Single copy price: $20.00

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

Send comments (with copy to BSR) to: Same

I3A (International Imaging Industry Association)

Reaffirmations

BSR/I3A IT10.2000-2004 (R200x), Digital still cameras - JPEG 2000 DSC profile (reaffirmation of ANSI/I3A IT10.2000-2004)

Specifies a profile of JPEG 2000 suitable for use in digital still cameras.

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: Donna Cohn, I3A; donnac@i3a.org

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

BSR/I3A IT10.7000-2004 (R200x), Photography - Digital still cameras - Guidelines for reporting pixel related specifications (reaffirmation of ANSI/I3A IT10.7000-2004)

Specifies guidelines for reporting pixel-related specifications (e.g., the number of camera pixels) of a digital still camera, for the purposes of camera labeling, camera packaging, advertising, and the like. It is applicable to monochrome and color digital still cameras using one or more image sensors

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: Donna Cohn, I3A; donnac@i3a.org

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

BSR/I3A IT2.39-1998 (R200x), Photography - Black-and-White, Continuous-Tone Films - Photographic Modulation Transfer Function (reaffirmation of ANSI/I3A IT2.39-1998 (R2004))

Describes a method for measuring the photographic modulation transfer function of blackand-white, continuous-tone films that have an emulsion coated on one side of a transparent support. This standard describes a method for measuring the photographic modulation transfer function of black-and-white, continuous-tone films that have an emulsion coated on one side of a transparent support.

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: Donna Cohn, I3A; donnac@i3a.org

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

BSR/I3A IT4.104-2002 (R200x), Photography - Processing Chemicals - Specifications for Hydrochloric Acid (reaffirmation of ANSI/I3A IT4.104-2002)

Decribes specifications for hydrochloric acid used as a photprocessing chemical.

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: Donna Cohn, I3A; donnac@i3a.org

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

BSR/I3A IT4.107-2002 (R200x), Photography - Processing Chemicals - Specifications for Anhydrous Citric Acid and Citric Acid Monohydrate (reaffirmation of ANSI/I3A IT4.107-2002)

Describes specifications for anhydrous citric acid and citric acid monohydrate as photoprocessing chemicals.

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: Donna Cohn, I3A; donnac@i3a.org

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

BSR/I3A IT4.129-2002 (R200x), Photography - Processing Chemicals - Specifications for p-Aminophenol Hydrochloride (reaffirmation of ANSI/I3A IT4.129-2002)

Describes specifications for p-aminophenol hydrochloride as a photoprocessing chemical.

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: Donna Cohn, I3A; donnac@i3a.org

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

BSR/I3A IT4.14-2002 (R200x), Photography (Processing) - Developers for Black-and-White Films and Plates - Method for Graininess Evaluation (reaffirmation of ANSI/I3A IT4.14-2002)

Describes the method for graininess evaluation of photoprocessing developers for black-and-white films and plates.

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: Donna Cohn, I3A; donnac@i3a.org

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

BSR/I3A IT4.152-2001 (R200x), Photography (Chemicals) - Formaldehyde, 37% Solution with Stabilizer (reaffirmation of ANSI/I3A IT4.152-2001)

Describes the specification of formaldehyde, 37% solution with stabilizer, as a photograde chemical.

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: Donna Cohn, I3A; donnac@i3a.org

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

BSR/I3A IT4.155-1981 (R200x), Photography (Chemicals) - Aluminum Sulfate Solution (reaffirmation of ANSI/PIMA IT4.155-1981 (R2001))

Describes the specifications for the aluminum sulfate solution.

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: Donna Cohn, I3A; donnac@i3a.org

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

BSR/I3A IT4.156-2002 (R200x), Photography - Processing Chemicals - Specifications for Sodium Formaldehyde Bisulfite, Anhydrous (reaffirmation of ANSI/I3A IT4.156-2002)

Describes the specifications for anhydrous sodium formaldehyde bisulfite as a photoprocessing chemical.

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: Donna Cohn, I3A; donnac@i3a.org

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

BSR/I3A IT4.181-1980 (R200x), Photography (Chemicals) - Benzyl Alcohol (reaffirmation of ANSI IT4.181-1980 (R2002))

Describes the specifications for photograde benzyl alcohol.

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: Donna Cohn, I3A; donnac@i3a.org

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

BSR/I3A IT4.186-1987 (R200x), Photography (Chemicals) - Hydroxylamine Sulfate (reaffirmation and redesignation of ANSI/NAPM IT4.186-1987 (R2002))

Describes the specifications of hydroxylamine sulfate as a photoprocessing chemical.

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: Donna Cohn, I3A; donnac@i3a.org

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

BSR/I3A IT4.205-1984 (R200x), Photography (Chemicals) - 5-Methylbenzotriazole (reaffirmation and redesignation of ANSI IT4.205-1984 (R2002))

Describes the specifications of 5-Methylbenzotriazole as a photoprocessing chemical.

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: Donna Cohn, I3A; donnac@i3a.org

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

BSR/I3A IT4.24-1997 (R200x), Photography (Processing) - Processing Trays and Tanks - Specifications (reaffirmation of ANSI/I3A IT4.24-1997 (R2003))

Describes the specifications for photo processing trays and tanks.

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: Donna Cohn, I3A; donnac@i3a.org

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

BSR/I3A IT4.304-2002 (R200x), Photography - Processing Chemicals - Specifications for Sodium Ferrocyanide, Decahydrate (reaffirmation of ANSI/I3A IT4.304-2002)

Describes the specifications for sodium ferrocyanide, decahydrate as a photoprocessing chemical.

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: Donna Cohn, I3A; donnac@i3a.org

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

BSR/I3A IT4.36-2003 (R200x), Photography (Processing) - Photographic Processing Solutions - pH Calibration and Measurements (reaffirmation of ANSI/I3A IT4.36-2003)

Describes the pH calibration and measurement for photo processing solutions.

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: Donna Cohn, I3A; donnac@i3a.org

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

Withdrawals

ANSI/I3A IT10.7466-2002, Photography - Electronic still picture imaging - Reference Input Medium Metric RGB Color encoding: RIMM-RGB (withdrawal of ANSI/I3A IT10.7466-2002)

Specifies a family of extended color-gamut scene-referred RGB color encodings designated as Reference Input Medium Metric RGB (RIMM RGB). Digital images encoded using RIMM RGB can be manipulated, stored, transmitted, displayed, or printed by digital still picture imaging systems.

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: Donna Cohn, I3A; donnac@i3a.org

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

ANSI/I3A IT4.99-1996 (R2002), Photography - Photographic-grade chemicals - Test methods (withdrawal of ANSI/I3A IT4.99-1996 (R2002))

Describes test methods for photographic-grade chemicals.

Single copy price: $25.00

Obtain an electronic copy from: i3astds@i3a.org

Order from: Donna Cohn, I3A; donnac@i3a.org

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

Projects Withdrawn from Consideration

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

UL (Underwriters Laboratories, Inc.)

BSR/UL 1686-200x, Standard for Safety for Pin and Sleeve Configurations (Proposal dated 5/23/08) (revision of ANSI/UL 1686-2007)

Correction

Incorrect Designation

BSR/UL 218A-2004 (R200x)

There was an error in the designation for a call for comment listing in the August 8, 2008 issue of Standards Action. BSR/UL 218, should have been listed as BSR/UL 218A-2004 (R200x), (reaffirmation of ANSI/UL 218A-2004).

Call for Comment Contact Information

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

Order from:

AAMI
Association for the Advancement of Medical Instrumentation (AAMI)
1110 N Glebe Road
Suite 220
Arlington, VA 22201
Phone: (703) 525-4890 x251
Fax: (703) 276-0793
Web: www.aami.org

AIHA (ASC Z9)
ASC Z9
2700 Prosperity Avenue, Suite 250
Fairfax, VA 22031
Phone: (703) 846-0794
Fax: (703) 207-8558
Web: www.aiha.org

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

AWS
American Welding Society
550 N.W. LeJeune Road
Miami, FL 33126
Phone: (800) 443-9353, x451
Fax: (800) 443-5951
Web: www.aws.org

AWWA
American Water Works Association
6666 West Quincy Avenue
Denver, CO 80235
Phone: (303) 347-6176
Fax: (303) 795-7603
Web: www.awwa.org/asp/default.asp

comm2000
1414 Brook Drive
Downers Grove, IL 60515

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

I3A
International Imaging Industry Association
701 Westchester Avenue
Suite 317W
White Plains, NY 10604
Phone: (914) 285-4933, ex 14
Fax: (914) 285-4937
Web: www.i3a.org

JCSEE
Joint Committee on Standards for Educational Evaluation
210 L.C., University of Iowa
Iowa City, IA 52242
Phone: 319-335-5567
Fax: 319-384-0505

NSF
NSF International
P.O. Box 130140
789 N. Dixboro Road
Ann Arbor, MI 48113-0140
Phone: (734) 827-6806
Fax: (734) 827-6831
Web: www.nsf.org

Send comments to:

AAMI
Association for the Advancement of Medical Instrumentation (AAMI)
1110 N Glebe Road
Suite 220
Arlington, VA 22201
Phone: (703) 525-4890 x251
Fax: (703) 276-0793
Web: www.aami.org

AIHA (ASC Z9)
ASC Z9
2700 Prosperity Avenue, Suite 250
Fairfax, VA 22031
Phone: (703) 846-0794
Fax: (703) 207-8558
Web: www.aiha.org

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

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

AWWA
American Water Works Association
6666 West Quincy Avenue
Denver, CO 80235
Phone: (303) 347-6176
Fax: (303) 795-7603
Web: www.awwa.org/asp/default.asp

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

I3A
International Imaging Industry Association
701 Westchester Avenue
Suite 317W
White Pains, NY 10604
Phone: 914-285-4933
Fax: 914-285-2937
Web: www.i3a.org

JCSEE
Joint Committee on Standards for Educational Evaluation
210 L.C., University of Iowa
Iowa City, IA 52242
Phone: 319-335-5567
Fax: 319-384-0505

NSF
NSF International
789 Dixboro Road
Ann Arbor, MI 48105
Phone: 734-827-6819
Fax: 734-827-6831
Web: www.nsf.org

UL
Underwriters Laboratories
12 Laboratory Drive
Research Triangle Park, NC 27709
Phone: 919-549-0921
Fax: 919-547-6427
Web: www.ul.com/

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

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

UL-NY
Underwriters Laboratories, Inc.
1285 Walt Whitman Road
Melville, NY 11747-3081
Phone: (631) 271-6200 ext 22735, or 803-787-1398

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

Contact: *Sonia Balboni*

Phone: (703) 525-4890 x251

Fax: (703) 276-0793

E-mail: sbalboni@aami.org

BSR/AAMI/ISO 10993-10-200x, Biological evaluation of medical devices - Part 10: Test for irritation and delayed-type hypersensitivity (identical national adoption and revision of ANSI/AAMI BE78-2002 and ANSI/AAMI BE78-2002/A1-2006)

BSR/AAMI/ISO 10993-13-200x, Biological evaluation of medical devices - Part 13: Identification and quantification of degradation products from polymeric medical devices (identical national adoption and revision of ANSI/AAMI/ISO 10993-13-1999 (R2004))

BSR/AAMI/ISO 10993-16-200x, Biological evaluation of medical devices - Part 16: Toxicokinetics study design for degradation products and leachables (identical national adoption and revision of ANSI/AAMI/ISO 10993-16-1997 (R2003))

BSR/AAMI/ISO 14155-200x, Clinical Investigation of Medical Devices for Human Subjects (identical national adoption and revision of ANSI/AAMI/ISO 14155-1-2003 and ANSI/AAMI/ISO 14155-2-2003)

ASA (ASC S1) (Acoustical Society of America)

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

Contact: *Susan Blaeser*

Phone: (631) 390-0215

Fax: (631) 390-0217

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

BSR/ASA S1.17-200X/Part 2-200x, Microphone Windscreens - Part 2: Measurement of Windscreen Noise in Moving Air (new standard)

I3A (International Imaging Industry Association)

Office: 701 Westchester Avenue, Suite 317W
White Pains, NY 10604

Contact: *James Peyton*

Phone: 914-285-4933

Fax: 914-285-2937

E-mail: jamesp@i3a.org

ANSI/I3A IT10.7466-2002, Photography - Electronic still picture imaging - Reference Input Medium Metric RGB Color encoding: RIMM-RGB (withdrawal of ANSI/I3A IT10.7466-2002)

ANSI/I3A IT4.99-1996 (R2002), Photography - Photographic-grade chemicals - Test methods (withdrawal of ANSI/I3A IT4.99-1996 (R2002))

BSR/I3A IT10.2000-2004 (R200x), Digital still cameras - JPEG 2000 DSC profile (reaffirmation of ANSI/I3A IT10.2000-2004)

BSR/I3A IT10.7000-2004 (R200x), Photography - Digital still cameras - Guidelines for reporting pixel related specifications (reaffirmation of ANSI/I3A IT10.7000-2004)

BSR/I3A IT2.39-1998 (R200x), Photography - Black-and-White, Continuous-Tone Films - Photographic Modulation Transfer Function (reaffirmation of ANSI/I3A IT2.39-1998 (R2004))

BSR/I3A IT4.104-2002 (R200x), Photography - Processing Chemicals - Specifications for Hydrochloric Acid (reaffirmation of ANSI/I3A IT4.104-2002)

BSR/I3A IT4.107-2002 (R200x), Photography - Processing Chemicals - Specifications for Anhydrous Citric Acid and Citric Acid Monohydrate (reaffirmation of ANSI/I3A IT4.107-2002)

BSR/I3A IT4.129-2002 (R200x), Photography - Processing Chemicals - Specifications for p-Aminophenol Hydrochloride (reaffirmation of ANSI/I3A IT4.129-2002)

BSR/I3A IT4.14-2002 (R200x), Photography (Processing) - Developers for Black-and-White Films and Plates - Method for Graininess Evaluation (reaffirmation of ANSI/I3A IT4.14-2002)

BSR/I3A IT4.152-2001 (R200x), Photography (Chemicals) - Formaldehyde, 37% Solution with Stabilizer (reaffirmation of ANSI/I3A IT4.152-2001)

BSR/I3A IT4.155-1981 (R200x), Photography (Chemicals) - Aluminum Sulfate Solution (reaffirmation of ANSI/PIMA IT4.155-1981 (R2001))

BSR/I3A IT4.156-2002 (R200x), Photography - Processing Chemicals - Specifications for Sodium Formaldehyde Bisulfite, Anhydrous (reaffirmation of ANSI/I3A IT4.156-2002)

BSR/I3A IT4.181-1980 (R200x), Photography (Chemicals) - Benzyl Alcohol (reaffirmation of ANSI IT4.181-1980 (R2002))

BSR/I3A IT4.186-1987 (R200x), Photography (Chemicals) - Hydroxylamine Sulfate (reaffirmation and redesignation of ANSI/NAPM IT4.186-1987 (R2002))

BSR/I3A IT4.205-1984 (R200x), Photography (Chemicals) - 5-Methylbenzotriazole (reaffirmation and redesignation of ANSI IT4.205-1984 (R2002))

BSR/I3A IT4.24-1997 (R200x), Photography (Processing) - Processing Trays and Tanks - Specifications (reaffirmation of ANSI/I3A IT4.24-1997 (R2003))

BSR/I3A IT4.304-2002 (R200x), Photography - Processing Chemicals - Specifications for Sodium Ferrocyanide, Decahydrate (reaffirmation of ANSI/I3A IT4.304-2002)

BSR/I3A IT4.36-2003 (R200x), Photography (Processing) - Photographic Processing Solutions - pH Calibration and Measurements (reaffirmation of ANSI/I3A IT4.36-2003)

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

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

Contact: *Serena Patrick*

Phone: 202-626-5741

Fax: 202-638-4922

E-mail: spatrick@itic.org

BSR/INCITS/ISO/IEC 10779-200x, Information technology - Office equipment accessibility guidelines for elderly persons and persons with disabilities (identical national adoption of ISO/IEC 10779:2008)

BSR/INCITS/ISO/IEC 24754-200x, Information technology - Document description and processing languages - Minimum requirements for specifying document rendering systems (identical national adoption of ISO/IEC 24754:2008)

JCSEE (Joint Committee on Standards for Educational Evaluation)

Office: 210 L.C., University of Iowa
Iowa City, IA 52242

Contact: *Donald Yarbrough*

Phone: 319-335-5567

Fax: 319-384-0505

E-mail: d-yarbrough@uiowa.edu

BSR/JCSEE PgES3-200x, The Program Evaluation Standard (new standard)

OPEI (Outdoor Power Equipment Institute)

Office: 341 South Patrick Street
Alexandria, VA 22314

Contact: *Kathy Woods*

Phone: 703-549-7600, ext. 24

Fax: (703) 549-7604

E-mail: KWoods@opei.org

BSR/OPEI B71.9-200x, Multipurpose Off-Highway Utility Vehicles (new standard)

RVIA (Recreational Vehicle Industry Association)

Office: 1896 Preston White Drive
P.O. Box 2999
Reston, VA 20195-0999

Contact: *Kent Perkins*

Phone: (703) 620-6003

Fax: (703) 620-5071

E-mail: kperkins@rvia.org

BSR/RIVA UPA-1-200x, Standard for Uniform Plan Approval for Recreational Vehicles (revision of ANSI/RVIA UPA-1-2000 (R2004))

UL (Underwriters Laboratories, Inc.)

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

Contact: *Derrick Martin*

Phone: (408) 754-6500

Fax: (408) 689-6500

E-mail: Derrick.L.Martin@us.ul.com

BSR/UL 414-200x, Standard for Safety for Meter Sockets (Proposals dated August 29, 2008) (revision of ANSI/UL 414-2006)

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.

ANS (American Nuclear Society)

Reaffirmations

ANSI/ANS 58.8-1994 (R2008), Time Response Design Criteria for Safety-Related Operator Actions (reaffirmation of ANSI/ANS 58.8-1994 (R2001)): 8/25/2008

API (American Petroleum Institute)

New National Adoptions

ANSI/API RP 13I/ISO 10416-2008, Recommended Practice for Laboratory Testing Drilling Fluids (identical national adoption of ISO 10416): 8/25/2008

ASABE (American Society of Agricultural and Biological Engineers)

New Standards

ANSI/ASABE S602-2008, General Safety Standard for Agricultural Tractors in Scraper Application (new standard): 8/25/2008

ANSI/ASABE S608-2008, Headlamps for Agricultural Equipment (new standard): 8/25/2008

ASME (American Society of Mechanical Engineers)

New Standards

ANSI/ASME B18.16.4-2008, Serrated Hex Flange Locknuts 90,000 PSI (Inch Series) (new standard): 8/25/2008

ANSI/ASME B18.16.6-2008, Nylon Insert Locknuts (Inch Series) (new standard): 8/25/2008

ANSI/ASME Y14.31-2008, Undimensioned Drawings (new standard): 8/25/2008

Reaffirmations

ANSI/ASME B17.1-1967 (R2008), Keys and Keyseats (reaffirmation of ANSI/ASME B17.1-1967 (R2003)): 8/25/2008

ANSI/ASME B17.2-1967 (R2008), Woodruff Keys and Keyseats (reaffirmation of ANSI/ASME B17.2-1967 (R2003)): 8/25/2008

ANSI/ASME B18.13-1996 (R2008), Screw And Washer Assemblies - Sems (Inch) (reaffirmation of ANSI/ASME B18.13-1996 (R2003)): 8/25/2008

ANSI/ASME B18.15-1985 (R2008), Forged Eyebolts (reaffirmation of ANSI/ASME B18.15-1985 (R2003)): 8/25/2008

ANSI/ASME B18.22.1-1965 (R2008), Plain Washers (reaffirmation of ANSI/ASME B18.22.1-1965 (R2003)): 8/25/2008

ANSI/ASME B18.25.1M-1996 (R2008), Square and Rectangular Keys and Keyways (reaffirmation of ANSI/ASME B18.25.1M-1996 (R2003)): 8/25/2008

ANSI/ASME B18.25.2M-1996 (R2008), Woodruff Keys and Keyways (reaffirmation of ANSI/ASME B18.25.2M-1996 (R2003)): 8/25/2008

ANSI/ASME B18.25.3M-1998 (R2008), Square and Rectangle Keys and Keyways: Width Tolerances and Deviations Greater Than Basic Size (reaffirmation of ANSI/ASME B18.25.3M-1998 (R2003)): 8/25/2008

Withdrawals

ANSI/ASME B18.5.2.3M-1990, Round Head Square Neck Bolts with Large Head - Metric (withdrawal of ANSI/ASME B18.5.2.3M-1990 (R2003)): 8/25/2008

AWWA (American Water Works Association)

New Standards

ANSI/AWWA C229-2007, Fusion-Bonded Epoxy Coating for the Interior and Exterior of Steel Water Pipelines (new standard): 8/25/2008

CSA (CSA America, Inc.)

New Standards

ANSI/CSA LC 6-2008, Natural Gas-Operated Diaphragm Pumps (new standard): 8/25/2008

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

New Standards

ANSI INCITS 419-2008, Information technology - Fibre Channel Backbone - 4 (FC-BB-4) (new standard): 8/25/2008

NSF (NSF International)

Revisions

ANSI/NSF 49-2008 (i26), Class II (laminar flow) biosafety cabinetry (revision of ANSI/NSF 49-2007): 8/11/2008

SCTE (Society of Cable Telecommunications Engineers)

Revisions

ANSI/SCTE 37-2008, Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-ROOTS Management Information Base (MIB) Definition (revision of ANSI/SCTE 37-2003): 8/25/2008

ANSI/SCTE 38-11-2008, HMS Headend Management Information Base (MIB) SCTE-HMS-HEADENDIDENT-MIB (revision of ANSI/SCTE 38-11-2004): 8/25/2008

UL (Underwriters Laboratories, Inc.)

New Standards

ANSI/UL 2459-2008, Insulated Multi-Pole Splicing Wire Connectors (new standard): 8/22/2008

Reaffirmations

ANSI/UL 1863-2004 (R2008), Standard for Safety for Communications-Circuit Accessories (Proposal Dated June 6, 2008) (reaffirmation of ANSI/UL 1863-2004): 8/21/2008

Revisions

ANSI/UL 355-2008, Standard for Safety for Cord Reels (revision of ANSI/UL 355-2004): 8/25/2008

ANSI/UL 60745-2-3-2008, Hand-Held Motor-Operated Electrical Tools - Safety - Part 2-3: Particular Requirements for Grinders, Polishers and Disk-Type Sanders (revision of ANSI/UL 60745-2-3-2007): 8/22/2008

Project Initiation Notification System (PINS)

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

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

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

ADA (American Dental Association)

Office: 211 E. Chicago
Chicago, IL 60611

Contact: *Becky Sarwate*

Fax: 312-440-2529

E-mail: sarwater@ada.org

BSR/ADA Specification No. 108-200x, Amalgam Wastewater Separators (identical national adoption of ISO 11143:2008)

Stakeholders: Dentists, landlords and leaseholders of dental offices, manufacturers of separator equipment.

Project Need: To provide a standard for amalgam wastewater separators since several states and municipalities are currently requiring their use.

Specifies the requirements for dental separators used in connection with dental equipment in the dental treatment center. This standard specifies the efficiency in terms of the level of metal particulate capture and retention based on a laboratory test. It also includes requirements for safe functioning of the separator, marking, instructions for use, operation and maintenance.

ASA (ASC S1) (Acoustical Society of America)

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

Contact: *Susan Blaeser*

Fax: (631) 390-0217

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

BSR/ASA S1.17-200X/Part 2-200x, Microphone Windscreens - Part 2: Measurement of Windscreen Noise in Moving Air (new standard)

Stakeholders: Acoustical engineers and all users of sound measurement equipment.

Project Need: To address the condition where moving laminar or turbulent air flow over the windscreen creates noise that reaches the windscreened microphone.

Specifies a test to measure the wind-generated measurement noise created by the windscreen via its interaction with moving air over a defined audio frequency range.

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 B89.1.7-200x, Performance Standard for Steel Measuring Tapes (new standard)

Stakeholders: Users and manufacturers of linear measuring devices.

Project Need: To provide specifications for steel measuring tapes are widely used for measurement and comparison.

Defines the requirements for steel measuring tapes for all units of measures in U.S. Customary units and SI units with respect to graduations, numbering, designations, and accuracy.

ASTM (ASTM International)

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428-2959

Contact: *Jeff Richardson*

Fax: 610-834-7067

E-mail: jrichard@astm.org

BSR/ASTM Z4325Z/WK18643-200x, Endotoxin Concentration in Water-Miscible Metalworking Fluids (new standard)

Stakeholders: Occupational health and safety industry.

Project Need: To replace E2250, which has been removed. Industry stakeholders were using a different protocol to quantify endotoxin in MWF, and no ILS was performed to develop P & B statements for E2250.

Covers quantitative methods for the sampling and determination of gram-negative bacterial endotoxin concentrations in water-micible metalworking fluids (MWF).

BSR/ASTM Z4476Z/WK19876-200x, Bicycle Handlebar Grips (new standard)

Stakeholders: Sports equipment and facilities industry.

Project Need: To prevent children's bicycle injuries. This specification will include specification for children's bicycle grips.

Provides the specification for children's bicycle grips.

ATIS (Alliance for Telecommunications Industry Solutions)

Office: 1200 G Street NW, Ste 500
Washington, DC 20005
Contact: *Kerrianne Conn*
Fax: 202-347-7125
E-mail: kconn@atis.org

BSR ATIS 0300097-200x, Structure for the Identification of Telecommunications Connections for Information Exchange (new standard)

Stakeholders: Telecommunications industry.

Project Need: To provide the code and format structures necessary for identification of telecommunications connections and to describe the code structures with various combinations of data units represented within those structures.

Provides the code and format structures necessary for identification of telecommunications connections and describes the code structures with various combinations of data units represented within those structures. This standard contains clauses that cover its purpose and scope, described format structures and data elements for message trunks and message trunk groups, special services circuits and facilities. It also contains definitions and references.

ESTA (Entertainment Services and Technology Association)

Office: 875 Sixth Avenue, Suite 1005
New York, NY 10001
Contact: *Karl Ruling*
Fax: (212) 244-1502
E-mail: standards@esta.org

BSR E1.23-200x, Entertainment Technology - Design and Execution of Theatrical Fog Effects (revision of ANSI E1.23-2006)

Stakeholders: Fog-effects designers; technicians; performers; and members of the audience.

Project Need: To revise the existing E1.23 standard by changing the list of chemicals in the scope to better match those chemicals actually used in theatrical fog effects.

Offers advice on the planning and execution of theatrical effects using glycol, glycerin, or white mineral oil fogs or mists in theatres, arenas, and other places of entertainment or public assembly. The guidance is offered to help effects designers and technicians create effects that can be executed repeatedly and reliably, and so that they can avoid excessive exposure to the fog materials and other foreseeable hazards.

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

Office: 1250 Eye Street, NW
Suite 200
Washington, DC 20005-3922
Contact: *Barbara Bennett*
Fax: (202) 638-4922
E-mail: bbennett@itic.org

BSR/INCITS/ISO/IEC 24754-200x, Information technology - Document description and processing languages - Minimum requirements for specifying document rendering systems (identical national adoption of ISO/IEC 24754:2008)

Stakeholders: ICT industry.

Project Need: To benefit the ICT industry by the adoption of this International Standard.

Provides the minimum requirements for specifying document-rendering systems. This standard can apply to the document-processing environment, where a document is given in a logically structured format that is expressed by a structure markup language, and the visual representation of the document is described by means of the external style and layout specifications that a style and layout specifications language provides.

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

Office: 1250 Eye Street, NW, Suite 200
Washington, DC 20005
Contact: *Serena Patrick*
Fax: 202-638-4922
E-mail: spatrick@itic.org

BSR/INCITS/ISO/IEC 10779-200x, Information technology - Office equipment accessibility guidelines for elderly persons and persons with disabilities (identical national adoption of ISO/IEC 10779:2008)

Stakeholders: ICT industry.

Project Need: To benefit the ICT industry by the adoption of this International Standard.

Specifies accessibility guidelines to be considered when planning, developing and designing electrophotographic copying machines, page printers and multi-function devices. These guidelines are intended to improve accessibility required when primarily older persons, persons with disabilities and persons with temporary disabilities use office equipment.

OPEI (Outdoor Power Equipment Institute)

Office: 341 South Patrick Street
Alexandria, VA 22314
Contact: *Kathy Woods*
Fax: (703) 549-7604
E-mail: KWoods@opei.org

BSR/OPEI B71.9-200x, Multipurpose Off-Highway Utility Vehicles (new standard)

Stakeholders: Manufacturers who make, consumers who use, and governmental agencies concerned with utility vehicles.

Project Need: To establish requirements for equipment, configuration, and performance of Multipurpose Off-Highway Utility Vehicles.

Establishes requirements for equipment, configuration, and performance of Multipurpose Off-Highway Utility Vehicles, that are defined as any vehicle intended to transport persons and/or cargo having a top speed in excess of 25 MPH (40.2 km/h) but not more than 50 MPH (80.4 km/h); 80 in (2030 mm) or less in overall width; designed to travel on four or more wheels; a steering wheel for steering control; and a Gross Vehicle Weight Rating of no more than 4000 lbs (1814 kg).

RVIA (Recreational Vehicle Industry Association)

Office: 1896 Preston White Drive
P.O. Box 2999
Reston, VA 20195-0999
Contact: *Kent Perkins*
Fax: (703) 620-5071
E-mail: kperkins@rvia.org

BSR/RIVA UPA-1-200x, Standard for Uniform Plan Approval for Recreational Vehicles (revision of ANSI/RVIA UPA-1-2000 (R2004))

Stakeholders: Recreational vehicle manufacturers and suppliers and RV code state officials.

Project Need: Provides for a set of uniform requirements that the RV manufacturers can use to submit one set of plan approvals to all States that have authority for approval of RV drawings/ documentation.

Covers minimum plan approval requirements to ensure a reasonable degree of safety and health for occupants using recreational vehicles.

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, IL 60062-2096
Contact: *Megan Cahill*
Fax: (847) 313-2850
E-mail: Megan.M.Cahill@us.ul.com

BSR/UL 1637-200x, Standard for Home Health Care Signaling Equipment (new standard)

Stakeholders: Home health care and signaling industries.

Project Need: To develop a new ANSI/UL standard.

Covers the individual units that comprise a home health care system intended for use in ordinary indoor residential locations. This standard also covers a complete home health care system in which a signal initiating device (both routine monitoring and medical emergency signals) may be connected directly or indirectly to receiving equipment at a residence or to continuously monitored receiving equipment at a central supervising station.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ISO Draft International Standards

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

Comments

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

Ordering Instructions

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

GAS CYLINDERS (TC 58)

ISO/DIS 10156, Gases and gas mixtures - Determination of fire potential and oxidizing ability for the selection of cylinder valve outlets - 11/22/2008, $88.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 13584-32, Industrial automation systems and integration - Parts library - Part 32: Implementation resources: OntoML: Ontology markup language - 11/23/2008, $194.00

ROAD VEHICLES (TC 22)

ISO/DIS 16750-4, Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 4: Climatic loads - 11/23/2008, $77.00

Newly Published ISO Standards

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

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 3185:2008, Aerospace - Bolts, normal bihexagonal head, normal shank, short or medium length MJ threads, metallic material, coated or uncoated, strength classes less than or equal to 1 100 MPa - Dimensions, $43.00

ISO 3186:2008, Aerospace - Bolts, large bihexagonal head, normal shank, short or medium length MJ threads, metallic material, coated or uncoated, strength classes 1 250 MPa to 1 800 MPa - Dimensions, $43.00

ISO 3193:2008, Aerospace - Bolts, normal hexagonal head, normal shank, short or medium length MJ threads, metallic material, coated or uncoated, strength classes less than or equal to 1 100 MPa - Dimensions, $43.00

ISO 5856:2008, Aerospace - Screws, 100 degrees normal countersunk head, internal offset cruciform ribbed or unribbed drive, normal shank, short or medium length MJ threads, metallic material, coated or uncoated, strength classes less than or equal to 1 100 MPa - Dimensions, $43.00

ISO 9255:2008, Aerospace - Bolts, normal spline head, normal shank, short or medium length MJ threads, metallic material, coated or uncoated, strength classes less than or equal to 1 100 MPa - Dimensions, $43.00

ISO 13921:2008, Aerospace - Screws, 100 degrees reduced countersunk head, internal offset cruciform ribbed or unribbed drive, normal shank, short or medium length MJ threads, metallic material, coated or uncoated, strength classes less than or equal to 1 100 MPa - Dimensions, $43.00

CINEMATOGRAPHY (TC 36)

ISO 26428-1:2008, Digital cinema (D-cinema) distribution master - Part 1: Image characteristics, $49.00

ISO 26428-3:2008, Digital cinema (D-cinema) distribution master - Part 3: Audio channel mapping and channel labeling, $65.00

ISO 26429-4:2008, Digital cinema (D-cinema) packaging - Part 4: MXF JPEG 2000 application, $49.00

ISO 26429-7:2008, Digital cinema (D-cinema) packaging - Part 7: Composition playlist, $116.00

ISO 26430-2:2008, Digital cinema (D-cinema) operations - Part 2: Digital certificate, $98.00

ISO 26431-1:2008, Digital cinema (D-cinema) quality - Part 1: Screen luminance level, chromaticity and uniformity, $49.00

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO 16003:2008, Components for fire-extinguishing systems using gas - Requirements and test methods - Container valve assemblies and their actuators; selector valves and their actuators; nozzles; flexible and rigid connectors; and check valves and non-return valves, $122.00

ERGONOMICS (TC 159)

ISO 1503:2008, Spatial orientation and direction of movement - Ergonomic requirements, $141.00

FLUID POWER SYSTEMS (TC 131)

ISO 11500:2008, Hydraulic fluid power - Determination of the particulate contamination level of a liquid sample by automatic particle counting using the light-extinction principle, $116.00

JEWELLERY (TC 174)

ISO 11596:2008, Jewellery - Sampling of precious metal alloys for and in jewellery and associated products, $65.00

METALLIC AND OTHER INORGANIC COATINGS (TC 107)

ISO 4521:2008, Metallic and other inorganic coatings - Electrodeposited silver and silver alloy coatings for engineering purposes - Specification and test methods, $98.00

PLASTICS (TC 61)

ISO 6401:2008, Plastics - Poly(vinyl chloride) - Determination of residual vinyl chloride monomer - Gas-chromatographic method, $49.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 6803:2008, Rubber or plastics hoses and hose assemblies - Hydraulic-pressure impulse test without flexing, $49.00

ISO 27727:2008, Rubber, vulcanized - Measurement of fatigue crack growth rate, $65.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 27991:2008, Ships and marine technology - Marine evacuation systems - Means of communication, $49.00

SOLID MINERAL FUELS (TC 27)

ISO 1952:2008, Solid mineral fuels - Determination of extractable metals in dilute hydrochloric acid, $49.00

STEEL (TC 17)

ISO 11971:2008, Steel and iron castings - Visual examination of surface quality, $43.00

STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)

ISO 15882:2008, Sterilization of health care products - Chemical indicators - Guidance for selection, use and interpretation of results, $122.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 3767-4/Amd2:2008, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator controls and other displays - Part 4: Symbols for forestry machinery - Amendment 2: Additional symbols, $16.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 7501-1:2008, Identification cards - Machine readable travel documents - Part 1: Machine readable passport, $37.00

ISO/IEC 15408-2:2008, Information technology - Security techniques - Evaluation criteria for IT security - Part 2: Security functional components, $263.00

ISO/IEC 15408-3:2008, Information technology - Security techniques - Evaluation criteria for IT security - Part 3: Security assurance components, $235.00

ISO/IEC 18045:2008, Information technology - Security techniques - Methodology for IT security evaluation, $292.00

ISO/IEC 23003-1/Amd1:2008, Information technology - MPEG audio technologies - Part 1: MPEG Surround - Amendment 1: Conformance testing, $73.00

ISO/IEC 23003-1/Amd2:2008, Information technology - MPEG audio technologies - Part 1: MPEG Surround - Amendment 2: Reference software, $16.00

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.

ANS Consensus Bodies and PINS Correction

BSR/OPEI B71.9-200x

In the listings for BSR/OPEI B71.9-200x that appeared in the ANSI Consensus Bodies and PINS sections of the August 15, 2008 issue of Standards Action, the address for the contact, Kathy Woods, was incorrect. The corrected announcement is being made in this issue. (See page XX for the Consensus listing and page XX for the PINS listing.)

ANSI Accredited Standards Developers

Administrative Reaccreditation

Recreational Vehicle Industry Association (RVIA)

The Recreational Vehicle Industry Association (RVIA) has been administratively reaccredited at the direction of ANSI's Executive Standards Council, under its 2008 revised operating procedures for documenting consensus on proposed American National Standards, effective August 25, 2008. For additional information, please contact: Mr. Kent Perkins, Director, RV Standards, Recreational Vehicle Industry Association, 1896 Preston White Drive, P.O. Box 2999; Reston, VA 20195-0999; PHONE: (703) 620-6003, ext. 336; FAX: (703) 620-5071; E-mail: kperkins@rvia.org.

Reaccreditation

ASC X9 – Financial Industry Standards

Comment Deadline: September 29, 2008

Accredited Standards Committee X9, Financial Industry Standards, an ANSI Organizational Member, has submitted revisions to the operating procedures under which it was last reaccredited in April 2007. As these revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of ASC X9's revised operating procedures, or to offer comments, please contact: Ms. Janet Busch, Program Manager, ASC X9, Inc., 1212 West Street, Suite 200, Annapolis, MD 21401; PHONE: (410) 267-7707; FAX: (410) 267-0961; E-mail: janet.busch@X9.org. You may view/download a copy of the revisions during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d.

As these revisions are available electronically, the public review period is 30 days. Please submit your comments to ASC X9, Inc. by September 29, 2008, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (FAX: (212) 840-2298; E-mail: Jthompso@ANSI.org).

ANSI Accreditation Program for Third Party Personnel Certification Agencies

Application for Accreditation

Vibration Institute

Comment Deadline: September 29, 2008

Vibration Institute
6262 South Kingery Highway Suite 212
Willowbrook, IL 60527, USA

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

- Vibration Analyst

Please send your comments by September 29, 2008 to Roy Swift, Ph.D., Program Director, Personnel Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or E-mail: rswift@ansi.org.

International Organization for Standardization (ISO)

Calls for International Secretariats

ISO/TC 121 – Anaesthetic and respiratory equipment

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

The Technical Committee has the following scope:

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

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

ISO/TC 188 – Small craft

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

The Technical Committee has the following scope:

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

Excluded:

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

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

Call for Systematic Review

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

Comment Deadline: October 10, 2008

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

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

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

Meeting Notices

AMT – The Association For Manufacturing Technology

B11.TR6 Subcommittee – Safety Control Systems

The B11.TR6 Subcommittee, sponsored by the Secretariat (AMT), will hold its next meeting on Monday, Tuesday & Wednesday, September 22 (1 pm start time) -24 (3 pm end time), 2008 at the Hilton Longboat Key in Sarasota, Florida. The B11 Committee is an ANSI-Accredited Standards Committee on machine tool safety, and the B11.TR6 Subcommittee deals with the overall engineering and safety aspects of control reliability.

The purpose of this meeting is continue work on developing a new Technical Report to complement, and as an integral part in the B11 series of American National Standards on machine tool safety. This meeting is open to anyone with an interest in machine tool safety, particularly as it relates to safety control systems, and who wishes to participate in standards development.

For more information or reservations, contact Cindy Haas, Safety Coordinator, AMT – The Association For Manufacturing Technology, (703) 827-5226, E-mail: clhaas@amtonline.org.

B11.19 Subcommittee – Safeguarding Performance Criteria

The B11.19 Subcommittee, sponsored by the Secretariat (AMT), will hold its next meeting on Tuesday & Wednesday, October 14 (9 am start time) & 15, 2008 in Des Plaines, Illinois at DePaul University's O'Hare Campus. The B11 Committee is an ANSI-Accredited Standards Committee on machine tool safety, and the B11.19 Subcommittee deals with the safeguarding performance criteria of machine tools.

The purpose of this meeting is to continue revision work on the 2003 American National Standard on machine tool safety. This meeting is open to anyone with an interest in machine tool safety, particularly as it relates to safeguarding performance criteria, and who wishes to participate in standards development.

For more information or reservations, contact Cindy Haas, Safety Coordinator, AMT – The Association For Manufacturing Technology, (703) 827-5226, E-mail: clhaas@amtonline.org.

B11.TR3 Subcommittee – Risk Assessment & Risk Reduction

The B11.TR3 Subcommittee, sponsored by the Secretariat (AMT), will hold its next meeting on Wednesday, Thursday & Friday, November 5 (1 pm start time), 6 & 7, 2008 at Precision Metalforming Association (PMA) in Independence, Ohio. The B11 Committee is an ANSI-Accredited Standards Committee on machine tool safety, and the B11.TR3 Subcommittee deals with risk assessment and risk reduction for machine tool safety.

The purpose of this meeting is to continue revision work on a standing Technical Report as an integral part in the B11 series of American National Standards on machine tool safety. This meeting is open to anyone with an interest in machine tool safety, particularly as it relates to risk assessment and risk reduction for machine tools, and who wishes to participate in standards development.

For more information or reservations, contact Cindy Haas, Safety Coordinator, AMT – The Association For Manufacturing Technology, (703) 827-5226, E-mail: clhaas@amtonline.org.

B11.2 Subcommittee – Hydraulic Power Presses

The B11.2 Subcommittee, sponsored by the Secretariat (AMT), will hold its next meeting on Monday, Tuesday & Wednesday, November 17 - 19, 2008 at Toyota at either the Erlanger or Georgetown locations in Kentucky (exact location TBD). The B11 Committee is an ANSI-Accredited Standards Committee on machine tool safety, and the B11.2 Subcommittee deals with hydraulic power presses.

The purpose of this meeting is to continue revision work on the 1995 (R05) American National Standard on machine tool safety. This meeting is open to anyone with an interest in machine tool safety, particularly as it relates to hydraulic power presses, and who wishes to participate in standards development.

For more information or reservations, contact Cindy Haas, Safety Coordinator, AMT – The Association For Manufacturing Technology, (703) 827-5226, E-mail: clhaas@amtonline.org.

B11.9 Subcommittee – Grinding Machines

The B11.9 Subcommittee, sponsored by the Secretariat (AMT), will hold its next meeting on Thursday & Friday, November 20 & 21, 2008 at Pilz Automation Safety, L.P. in Canton, Michigan. The B11 Committee is an ANSI-Accredited Standards Committee on machine tool safety, and the B11.9 Subcommittee deals with the safety requirements of machine tools used to grind materials.

The purpose of this meeting is to continue revision work on this 30+ year old American National Standards on machine tool safety. This meeting is open to anyone with an interest in machine tool safety, particularly as it relates to grinding machines, and who wishes to participate in standards development.

For more information or reservations, contact Cindy Haas, Safety Coordinator, AMT – The Association For Manufacturing Technology, (703) 827-5226, E-mail: clhaas@amtonline.org.

B11 Accredited Standards Committee

The ANSI B11 Accredited Standards Committee will hold its semi-annual meeting on Monday & Tuesday, January 12 & 13, 2009 in Sarasota, Florida. The Secretariat (AMT) will host the meeting at the Hilton Longboat Key.

The B11 is an ANSI Accredited Standards Committee on machine tool safety, and the purpose of this meeting is to discuss ongoing issues and the business of the B11 ASC. This meeting is open to anyone with an interest in safety and the safe use of machine tools, however, any voting will be restricted to full members of this Committee.

For more information or reservations, contact Cindy Haas, Safety Coordinator, AMT – The Association For Manufacturing Technology, (703) 827-5226, E-mail: clhaas@amtonline.org.

B11.TR3 Subcommittee – Risk Assessment & Risk Reduction

The B11.TR3 Subcommittee, sponsored by the Secretariat (AMT), will hold its next meeting on Monday, Tuesday & Wednesday, February 16 – 18, 2009 at DePaul University's O'Hare Campus in Des Plaines, Illinois. The B11 Committee is an ANSI-Accredited Standards Committee on machine tool safety, and the B11.TR3 Subcommittee deals with risk assessment and risk reduction for machine tool safety.

The purpose of this meeting is to continue revision work on a standing Technical Report as an integral part in the B11 series of American National Standards on machine tool safety. This meeting is open to anyone with an interest in machine tool safety, particularly as it relates to risk assessment and risk reduction for machine tools, and who wishes to participate in standards development.

For more information or reservations, contact Cindy Haas, Safety Coordinator, AMT – The Association For Manufacturing Technology, (703) 827-5226, E-mail: clhaas@amtonline.org.

NSF/ANSI 49-2007
Class II (laminar flow)
Biosafety Cabinetry

•
•
•

A.10.3.2 Direct inflow measurement method (primary method)

a) Seal by taping the device to the center of the front opening of a biological safety cabinet. Seal the open areas on either side of the capture hood portion of the DIM as necessary.

•
•
•

Annex B
(normative)

B.1 Method to verify fitness for use of potential direct inflow measurement devices

B.1.1 Calibrate the basic measuring portion of the device in a wind tunnel with National Institute of Standards and Technology (NIST) traceable calibration (e. g., for devices with removable hoods, calibrate the device without a hood installed; for devices using thermal anemometer, calibrate the thermal anemometer). A pitot tube constructed according to the dimensions given in the Industrial Ventilation Manual is a primary standard and needs no other verification.

B.1.2 Install the device using one of the two following methods:

– Method 1

a) Seal the device to the front opening of a Class II Type B2 ~~biological~~ biosafety cabinet hard connected.

b) Connect the exhaust of the cabinet to a duct containing an orifice meter or other flow meter calibrated traceable to NIST.

c) Turn off the downflow blower and seal the downflow air opening.

d) If the cabinet has a moveable sash, seal the sash.

– Method 2

a) Seal the device to the front opening of a Class II Type A1 or A2 ~~biological~~ biosafety cabinet intended to be canopy connected.

•
•
•

E.2.2 Types B1 and B2 cabinets

Type B1 and B2 cabinets are to be vented outside the building without recirculation. The venting system should include a leak-tight duct, a damper in the duct near the cabinet to permit flow adjustment closure and

decontamination, and an external exhaust fan as the final system component (see annex E, figure E6). The exhaust fan should be sized to deliver the required exhaust airflow (as specified by the cabinet manufacturer), considering pressure losses in the duct and allowing at least 2 in w. g. (500 Pa) for a dirty HEPA filter. If a charcoal filter is used downstream of the HEPA filter, an additional pressure capacity equal to the manufacturer's recommended resistance should be provided. An alarm should be provided at the cabinet to indicate loss of exhaust flow. This can be an exhaust volume flow measuring device in the duct downstream of the exhaust filter, a sail switch at the fan discharge, or a flow measuring station in the exhaust duct. It is recommended that each Type B1 or B2 cabinet have its own (dedicated) exhaust system. The cabinet should be interlocked with the blower in the duct or the building system to prevent pressurization of the exhaust system. In addition, cabinets hard connected to an exhaust system should not be turned off.

It is recognized that there is interest in utilizing the increasingly sophisticated modulated flow exhaust ventilation systems where the exhaust from Type B1 or B2 cabinets, chemical fume hoods, flexible exhaust hoses, and/or room exhausts are modulated based on use to optimize containment, maintain appropriate pressure differentials, and maximize energy savings by reducing overall exhaust volume. These systems are required to maintain a high level of control of many complex factors over a number of years. Although the potential cost savings are great, the severity of the hazards contained by the ~~biological~~ biosafety cabinets requires the use of simpler and more reliable constant flow systems for the cabinet exhaust.

-
-
-

Annex F
(normative)

Field tests

F.1 Field certification preconditions and intervals

This annex contains the field tests that define the methods and acceptance criteria that are appropriately applied for determining qualification for field certification of all Class II ~~biological~~ biosafety cabinets. These field certification procedures are intended to confirm that an installed cabinet evaluated under the current version of the Standard has met all design criteria contained in NSF/ANSI 49 and currently meets all criteria contained in this annex. All cabinets shall be field tested using the procedures described in NSF/ANSI 49, annex F – 2002, with the exception of the downflow velocity test. When the downflow velocity test is performed, the procedure by which the cabinet was certified should be used; however, the acceptance criteria outlined in the 2002 standard shall be applied.

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

-
-
-

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

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

-
-
-

1.5 Normative references

The following documents contain provisions that, through reference in this text, constitute provisions of this Standard. At the time of publication, the indicated editions were valid. All standards are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the standards indicated below.

-
-
-

ANSI/NSPI-6, *American National Standard for Residential Portable Spas*

-
-
-

NSF Protocol P181, *Residential Portable Electrical Spas*

-
-
-

BSR/UL 758

If (Topic #9 of) the May 9, 2008 proposal is withdrawn, the current requirements in the standard would remain unchanged as shown below:

48.2 Markings on the tag, reel, or carton shall contain the following elements:

Note: Items a) – f) of 48.2 remain unchanged.

g) Insulation and jacket material and average wall thickness (example: Insulation SRPVC 0.009 inch; Jacket: PVC 0.030 inch). If more than one jacket is required, all materials and thicknesses shall be marked.

Note: Items h) – k) of 48.2 remain unchanged.

In addition to the markings noted above, a cable that contains other markings complies with the intent of this requirement as long as they are not confusing or misleading.