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.
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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: November 21, 2010

**AISC (American Institute of Steel Construction)**

**Revisions**

BSR/AISC 358-201x, Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications (revision of ANSI/AISC 358-2005 and ANSI/AISC 358-o5s1-2009) 

This standard is a consolidation of the existing standard ANSI/AISC 358-05 and its supplement ANSI/AISC 358-05s1-09.

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

Send comments (with copy to BSR) to: Keith Grubb, (312) 670-8318, grubb@aisc.org

**NSF (NSF International)**

**Revisions**

BSR/NSF 305-201x (i4), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2009) 

Issue 4: Allows for using Sodium Benzoate derived from partial petroleum feedstock, until it can be replaced with a non-petroleum feedstock.

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

Send comments (with copy to BSR) to: Joan Hoffman, (734) 769-5159, jhoffman@ NSF.org

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

**Revisions**

BSR/UL 464-201x, Standard for Audible Signal Appliances (revision of ANSI/UL 464-2009) 

Relates to proposals dated February 26, 2010.

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

Send comments (with copy to BSR) to: Kristin Andrews, (408) 754-6634, Kristin.L.Andrews@us.ul.com

Comment Deadline: December 6, 2010

**AAMI (Association for the Advancement of Medical Instrumentation)**

**New National Adoptions**


Specifies minimum requirements for water for use in the preparation of concentrates, dialysis fluids for haemodialysis, hemodiafiltration and hemofiltration and for the reprocessing of hemodialysers. Does not address the operation of water treatment equipment nor the final mixing of treated water with concentrates to produce the dialysis fluids used in such therapies. That operation is the sole responsibility of dialysis professionals.

Single copy price: $40.00 (AAMI members)/$80.00 (List price) 
Order from: AAMI Publications; (phone) 1-877-249-8226;(fax)1-301-206-9789 
Send comments (with copy to BSR) to: Cliff Bernier, (703)525-4890x1229, CBernier@aami.org

BSR/AAMI/ISO 26722-201x, Water treatment equipment for hemodialysis applications and related therapies (identical national adoption and revision of ANSI/AAMI RD62-2006) 

Addressed to the manufacturer and/or provider of water treatment systems and/or devices used for the express purpose of providing water for haemodialysis or related therapies. Covers devices used to treat water intended for use in the delivery of hemodialysis and related therapies, including water used for: 

1. the preparation of concentrates from powder or other highly concentrated media at a dialysis facility; 

2. the preparation of dialysis fluid that may be used for the preparation of substitution fluid; and 

3. the reprocessing of dialysers for multiple uses.

Single copy price: $50.00 (AAMI members)/$100.00 (List price) 
Order from: AAMI Publications; (phone) 1-877-249-8226;(fax)1-301-206-9789 
Send comments (with copy to BSR) to: Cliff Bernier, (703)525-4890x1229, CBernier@aami.org

**Reaffirmations**

BSR/AAMI AT6-2005 (R201x), Autologous transfusion devices (reaffirmation of ANSI/AAMI AT6-2005) 

Establishes labeling and performance requirements, test methods, and terminology that will help establish a reasonable level of safety and efficacy for autologous transfusion devices. Specifically, includes requirements for sterile, disposable systems and associated electromechanical hardware designed to collect and filter or process, or both, extravasated blood for reinfusion of erythrocytes or filtered whole blood into the patient’s circulation. Aspects of these systems related to collection, anticoagulation (systemic and regional), storage, processing and filtration, and reinfusion are within the scope of this standard.

Single copy price: $45.00 (AAMI members)/$90.00 (List price) 
Order from: AAMI Publications; (phone) 1-877-249-8226;(fax)1-301-206-9789 
Send comments (with copy to BSR) to: Cliff Bernier, (703)525-4890x1229, CBernier@aami.org

BSR/AAMI RD61-2006 (R201x), Concentrates for hemodialysis (reaffirmation of ANSI/AAMI RD61-2006) 

For the purpose of this standard, concentrates are a mixture of chemicals and water, or a mixture of chemicals in the form of dry powder, that are delivered to the end user to make dialysis fluid used to perform hemodialysis and related therapies.

Single copy price: $40.00 (AAMI members)/$80.00 (List price) 
Order from: AAMI Publications; (phone) 1-877-249-8226;(fax)1-301-206-9789 
Send comments (with copy to BSR) to: Cliff Bernier, (703)525-4890x1229, CBernier@aami.org
BSR/AAMI RD62-2006 (R201x), Water treatment equipment for hemodialysis applications (reaffirmation of ANSI/AAMI RD62-2006)
Addresses devices used to treat water intended for use in the delivery of hemodialysis. Included in the scope of the standard is water used for:
1. the preparation of concentrates from powder at a dialysis facility;
2. the preparation of dialysate; and
3. the reprocessing of dialyzers for multiple use.

Single copy price: $50.00 (AAMI members)/$100.00 (List price)
Order from: AAMI Publications; (phone) 1-877-249-8226; (fax)1-301-206-9789

Send comments (with copy to BSR) to: Cliff Bernier, (703)525-4890x1229, CBernier@aami.org

BSR/AAMI RD62/A1-2009 (R201x), Water treatment equipment for hemodialysis applications, Amendment 1 - 4.2.6, Deionization (reaffirmation of ANSI/AAMI RD62/A1-2009)
Removes exemption for portable systems from complying with the requirement for a means of preventing water from reaching the patient in the event of deionizer exhaustion.

Single copy price: Free
Order from: AAMI Publications; (phone) 1-877-249-8226; (fax)1-301-206-9789

Send comments (with copy to BSR) to: Cliff Bernier, (703)525-4890x1229, CBernier@aami.org

API (American Petroleum Institute)

New National Adoptions

BSR/API Standard 560-201x, Fired Heaters for General Refinery Services (identical national adoption of ISO 13705:2006)
Specifies requirements and gives recommendations for the design, materials, fabrication, inspection, testing, preparation for shipment, and erection of fired heaters, air preheaters, fans and burners for general refinery service. This standard is not intended to apply to the design of steam reformers or pyrolysis furnace.

Single copy price: $293.00
Obtain an electronic copy from: mensingt@api.org
Order from: Tiffany Mensing, (202) 682-8190, mensingt@api.org
Send comments (with copy to BSR) to: Same

ASA (ASC S2) (Acoustical Society of America)

New National Adoptions

BSR/ASA S2.72/Part 4 Amd. 1-2010 / ISO 2631-4 Amd. 1:2010, Evaluation of human exposure to whole-body vibration - Part 4:
Guidelines for the evaluation of the effect of vibration and rotational motion on passenger and crew comfort in fixed-guideway transport systems - Amendment 1 (identical national adoption of ISO 2631-4 Amd 1:2010)
Incorporates a new Annex B “Statistical analysis method.” This annex cancels and replaces ISO 10056: 2001, Mechanical vibration - Measurement and analysis of whole-body vibration to which passengers and crew are exposed in railway vehicles.

Single copy price: $16.00
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

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmations

Part 1 of this two-part standard defines a common interface for the exchange of information between point of sale systems or terminal devices located in a retail establishment and the acquiring host transaction processing system(s). This part of X9.104 is applicable to all aspects of payment processing required by these retail facilities, including the reporting of specific products that are part of a purchase.

Single copy price: $100.00
Obtain an electronic copy from: janet.busch@x9.org
Order from: Isabel Bailey, (410) 267-7707, isabel.baileyx9@verizon.net
Send comments (with copy to BSR) to: Same

Part 2 of this two-part American National Standard X9.104 provides example of messages used in the convenience store and petroleum marketing industry based on the message formats defined in X9.104 part 1. This part of X9.104 also defines data elements and code values for use in this environment.

Single copy price: $100.00
Obtain an electronic copy from: janet.busch@x9.org
Order from: Isabel Bailey, (410) 267-7707, isabel.baileyx9@verizon.net
Send comments (with copy to BSR) to: Same

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)

Addenda

BSR/ASHRAE Addendum ah to BSR/ASHRAE Standard 135-201x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)
Removes ReadPropertyConditional. Because of the lack of implementations of ReadPropertyConditional, the benefits that could be achieved by retaining this object access service are limited.

Single copy price: $35.00
Obtain an electronic copy from: Free download at http://www.ashrae.org/technology/page/331
Order from: standards.section@ashrae.org
Send comments (with copy to BSR) to: Online Comment Database at http://www.ashrae.org/technology/page/331
**ASME (American Society of Mechanical Engineers)**

**Revisions**

BSR/ASME STS-1-201x, Steel Stacks (revision of ANSI/ASME STS-1-2000)

Applies to steel stacks; that is, those stacks where the primary supporting shell is made of steel. This standard applies to both single- and multiple-walled steel stacks, either of which can be lined or unlined. It also applies to steel stacks that are guyed, or to certain aspects of tower stacks. The stack may be supported on a foundation or from another structure.

Single copy price: Free

Obtain an electronic copy from: http://cstools.asme.org/publicreview

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

Send comments (with copy to BSR) to: Lauren Powers, (212) 591-7008, powersl@asme.org

**ATCC (American Type Culture Collection)**

**New Standards**

BSR/ATCC ASN-0002-201x, Authentication of Human Cell Lines: Standardization of STR Profiling (new standard)

Elaborates a standardized procedure for unambiguous authentication and identification of human cell lines using STR profiling.

Single copy price: $To be determined

Order from: Christine Alston-Roberts, 703-365-2802, calston-roberts@atcc.org

Send comments (with copy to BSR) to: Same

**AWWA (American Water Works Association)**

**Revisions**

BSR/AWWA D104-201x, Automatically Controlled, Impressed-Current Cathodic Protection for the Interior Submerged Surfaces of Steel Water Storage Tanks (revision of ANSI/AWWA D104-2004)

Describes automatically controlled, impressed-current cathodic protection systems intended to minimize corrosion of interior submerged surfaces of steel water storage tanks and 30-in. (750-mm) diameter and larger wet risers of elevated tanks.

Single copy price: $20.00

Obtain an electronic copy from: llobb@awwa.org

Order from: Paul Olson, (303) 347-6178, polson@awwa.org; llobb@awwa.org

Send comments (with copy to BSR) to: Same

**ISA (ISA)**

**New Standards**

BSR/ISA 92.00.01-201x, Performance Requirements for Toxic Gas Detectors (new standard)

Provides minimum requirements for the construction, performance, and testing of portable, transportable, mobile, and stationary electrical apparatus whose purpose is for the detection, measurement and notification of toxic gas in air that are used to enhance the safety of personnel in commercial and industrial locations.

Single copy price: $65.00

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

Send comments (with copy to BSR) to: Same

**New National Adoptions**

BSR/ISA 60079-20-1-201x, Explosive Atmospheres - Part 20-1: Material characteristics for gas and vapour classification - Test methods and data (national adoption with modifications of IEC 60079-20-1)

Provides guidance on classification of gases and vapours. This standard describes a test method intended for the measurement of the maximum experimental safe gaps (MESG) for gas- or vapor-air mixtures under normal conditions of temperature and pressure so as to permit the selection of an appropriate group of equipment. The method does not take into account the possible effects of obstacles on the safe gaps. This standard describes also a test method intended for use in the determination of the auto-ignition temperature of a chemically pure vapor or gas in air at atmospheric pressure.

Single copy price: $179.00

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

Send comments (with copy to BSR) to: Same

**NALFA (North American Laminate Flooring Association)**

**Revisions**

BSR/NALFA LF-01-201x, Laminate Flooring Specifications and Test Methods (revision of ANSI/NALFA LF-01-2008)

Applies to the performance of residential and commercial uses of laminate flooring. The standard will be useful in guiding/assisting manufacturers and educators and suppliers and consumers about the minimum performance of laminate flooring in residential, light commercial, commercial and heavy commercial settings.

Single copy price: Free

Obtain an electronic copy from: dgoch@wc-b.com

Order from: David Goch, (202) 785-9500, dgoch@wc-b.com

Send comments (with copy to BSR) to: Same

**NEMA (ASC C136) (National Electrical Manufacturers Association)**

**New Standards**

BSR C136.40-201x, Roadway and Area Lighting Equipment - Solar Lighting (new standard)

 Defines the electrical and mechanical requirements of solar type light systems for use in roadway and area lighting equipment.

Single copy price: $33.00

Obtain an electronic copy from: alex.boesenberg@nema.org

Order from: Alex Boesenberg, (703) 841-3268, alex.boesenberg@nema.org

Send comments (with copy to BSR) to: Same

**SIA (ASC A92) (Scaffold Industry Association)**

**New Standards**

BSR/A92.9-201x, Mast-Climbing Work Platforms (new standard)

Applies to the establishment of criteria for design, manufacture, testing, inspection, installation, maintenance, use, training and operation of mast-climbing work platforms that are primarily used to position personnel, along with their necessary tools and materials, to perform their work. Platforms may be adjustable by manual or powered means.

Single copy price: $45.00

Obtain an electronic copy from: emily@scaffold.org

Order from: Emily Bannwarth, (816) 595-4860, emily@scaffold.org

Send comments (with copy to BSR) to: Same
UL (Underwriters Laboratories, Inc.)

**Revisions**

BSR/UL 69-201x, Standard for Safety for Electric-Fence Controllers (revision of ANSI/UL 69-2009)

Covers:
1. Clarification of the scope; and
2. Editorial revisions.

Single copy price: Contact comm2000 for pricing and delivery options


Order from: comm2000

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

BSR/UL 263-201x, Fire Tests of Building Construction and Materials (revision of ANSI/UL 263-2003 (R2007))

Covers:
1. Addition of requirements for testing unrestrained loaded beam specimens; and
2. Revision of flange-tip thermocouples requirements.

Single copy price: Contact comm2000 for pricing and delivery options


Order from: comm2000

Send comments (with copy to BSR) to: Megan VanHeirseele, (847) 664-2881, Megan.M.VanHeirseele@us.ul.com

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

See page 8 for the scope of this standard.

Single copy price: Contact comm2000 for pricing and delivery options


Order from: comm2000

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

BSR/UL 1647-201x, Standard for Safety for Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2010)

Covers:
1. Addition and revision of requirements to relocate component standard references from Appendix A into the body of the standard as component requirements; and
2. Addition of new requirements to address AFCI nuisance tripping due to excessive EMI.

Single copy price: Contact comm2000 for pricing and delivery options


Order from: comm2000

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

Reaffirmations

BSR/UL 1240-2005 (R201x), Standard for Electric Commercial Clothes-Drying Equipment (reaffirmation of ANSI/UL 1240-2005)


Single copy price: Contact comm2000 for pricing and delivery options


Order from: comm2000

Send comments (with copy to BSR) to: Amy Walker, (847) 664-2023, Amy.K.Walker@us.ul.com

Comment Deadline: December 21, 2010

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

ANS (American Nuclear Society)

**New Standards**

BSR/ANS 2.3-201x, Estimating Tornado, Hurricane, and Extreme Straight Line Wind Characteristics at Nuclear Facility Sites (new standard)

Defines site phenomena caused by (1) extreme straight winds, (2) hurricanes, and (3) tornadoes in various geographic regions of the U.S. These phenomena are used for the design of nuclear facilities.

Single copy price: $20.00

Obtain an electronic copy from: pschroeder@ans.org

Order from: Patricia Schroeder, (708) 579-8269, pschroeder@ans.org

Send comments (with copy to BSR) to: Same

ASME (American Society of Mechanical Engineers)

**Revisions**


Establishes in-process and final inspection requirements for fastener products as well as a receiving inspection plan for fastener purchasers. The standard identifies four categories, recognizing that fastener users have widely varying requirements.

Single copy price: Free

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

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

BSR/ASME PCC-2-201x, Repair of Pressure Equipment and Piping (revision of ANSI/ASME PCC-2-2008)

Provides methods for repair of equipment and piping within the scope of ASME Pressure Technology Codes and Standards after it has been placed in service. These repair methods include relevant design, fabrication, examination, and testing practices and may be temporary or permanent, depending on the circumstances. The methods provided in this Standard address the repair of components when repair is deemed necessary based on appropriate inspection and flaw assessment.

Single copy price: Free

Obtain an electronic copy from: http://cstools.asme.org/publicreview

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

Send comments (with copy to BSR) to: Colleen O’Brien, (212) 591-7881, obrienc@asme.org

Establishes physical requirements and tests addressing structural strength; adjustments; materials; drain line hydraulics; mechanical, material, testing, marking, and documentation requirements for wall-mounted and pedestal-mounted adjustable, elevating, tilting, and pivoting lavatory, sink, and shampoo bowl carrier systems intended to facilitate use by individuals who are physically challenged. The use of alternate materials or methods is permitted, provided the proposed material and method comply with the performance requirements and intent of this standard.

Single copy price: $39.00
Order from: Mayra Santiago, ASME; ANSI/ASC A10 (American Society of Safety Engineers)
Send comments (with copy to BSR) to: Fredric Constantino, (212) 591-8684, constantinof@asme.org


Establishes physical, material, testing, and marking requirements for 6-liter water closets that incorporate a water-conserving, dual-flushing feature into the fixture. The tests specified in this standard are for the removal of liquid wastes and toilet tissue or other comparable waste loads that are expected when actuating the reduced flush feature of the unit. The use of alternate materials or methods is permitted, provided that the proposed material and method comply with the performance requirements and the intent of this standard.

Single copy price: $45.00
Order from: Mayra Santiago, ASME; ANSI/ASC A10
Send comments (with copy to BSR) to: Fredric Constantino, (212) 591-8684, constantinof@asme.org


Establishes requirements and test methods pertaining to materials, significant dimensions, and functional performance for vitreous china nonwater urinals. The sanitary performance requirements and test procedures apply to all types of nonwater urinals that discharge into gravity waste systems in permanent buildings and structures independent of occupancy.

Single copy price: $28.00
Order from: Mayra Santiago, ASME; ANSI/ASC A10
Send comments (with copy to BSR) to: Fredric Constantino, (212) 591-8684, constantinof@asme.org

CCPA (ASC B212) (Cemented Carbide Producers Association)

BSR B212.3-2002 (R201x), Cutting Tools - Precision Holders for Indexable Inserts (reaffirmation of ANSI B212.3-2002)

Covers dimensional specifications, styles, and designs of precision holders for indexable inserts.
Single copy price: $18.00
Obtain an electronic copy from: sab@wherryassoc.com
Order from: Linda Hamill, (440) 899-0010, leh@wherryassoc.com
Send comments (with copy to BSR) to: Same

BSR B212.8-2002 (R201x), Cutting Tools - Carbide Blanks for Twist Drills, Reamers, End Mills & Random Rod (reaffirmation of ANSI B212.8-2002)

Covers dimensional specifications and designations for carbide blanks for twist drills, reamers, end mills and random rod.
Single copy price: $18.00
Obtain an electronic copy from: leh@wherryassoc.com
Order from: Linda Hamill, (440) 899-0010, leh@wherryassoc.com
Send comments (with copy to BSR) to: Same

BSR B212.14-2002 (R201x), Carbide Seats Used w/ indexable Inserts for Clamp-Type Holders (reaffirmation of ANSI B212.14-2002)

Covers dimensional specification and styles of sintered carbide seats for negative rake pin lock-type holders. The values stated in U.S. customary units are to be regarded as the standard.
Single copy price: $18.00
Obtain an electronic copy from: leh@wherryassoc.com
Order from: Linda Hamill, (440) 899-0010, leh@wherryassoc.com
Send comments (with copy to BSR) to: Same

BSR B212.18-2002 (R201x), Inch boring bars for indexable inserts - Designation and Dimensions (reaffirmation of ANSI B212.18-2002)

Covers dimensional specifications, styles, and designations of boring bars for indexable inserts.
Single copy price: $18.00
Obtain an electronic copy from: leh@wherryassoc.com
Order from: Linda Hamill, (440) 899-0010, leh@wherryassoc.com
Send comments (with copy to BSR) to: Same

ASSE (ASC A10) (American Society of Safety Engineers)

Revisions

BSR/ASSE A10.13-201x, Safety Requirements for Steel Erection (revision of ANSI/ASSE A10.13-2001)

Establishes safety requirements for the erecting, handling, fitting, fastening, reinforcing, and dismantling of structural steel, plate steel, steel Joist, and metal deck at a final in-place field site during construction, maintenance and dismantling operations.
Single copy price: $50.00
Order from: Tim Fisher, (847) 768-3411, TFisher@ASSE.org
Send comments (with copy to BSR) to: Same

Withdrawals

BSR B212.19-1996 (R2002), Designation System for Extra Hard Cutting Surfaces, Bonded to Indexable Inserts & Other Carriers (withdrawal of ANSI B212.19-1996 (R2002))

Covers the identification system for indexable-type inserts for both single-point cutting tools and multi-point cutting tools that have a layered or bonded surface of extra hard cutting material that differs from the material of the segment.
Single copy price: N/A
Obtain an electronic copy from: leh@wherryassoc.com
Order from: Linda Hamill, (440) 899-0010, leh@wherryassoc.com
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:

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

BSR/ASME A112.4.10-200x, Automatic Shut-Off Systems for Leaking Water Heaters (new standard)

**30 Day Notice of Withdrawal: ANS 5 to 10 years past approval date**

In accordance with clause 4.7.1 Periodic Maintenance of American National Standards of the ANSI Essential Requirements, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

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

Covers:
(1) Revisions to clarify when specific power supply cord test, marking, and instruction requirements are applicable;
(2) Editorial revision to address a deleted reference in 16.4;
(3) Clarification on compliance with 19.6(c);
(4) Clarification of performing the heating test from the standard for overheating protection for motors, UL 2111;
(5) Revisions to address knock-down for shipping of industrial/commercial fans;
(6) Adds Appendix B, Motor Requirement Comparison Guide;
(7) Clarification of outdoor coating requirements;
(8) Electronically protected motors;
(9) Deletion of Type F motors;
(10) Removal of NEC edition year;
(11) Ceiling fan outlet box mounting;
(12) Class 2 supply connections;
(13) Removal of Class 1 and 2 designations from UL 900;
(14) Cord-connected rangehoods – Cord length;
(15) Ceiling fan blade materials;
(16) Electronic media instructions;
(17) Deletion of Appendix A and addition of the related component requirements to the body of UL 507;
(18) Deletion of -R cord requirements; and
(19) Deletion of supplement SA, Follow-Up Inspection Instructions for Fans.

Single copy price: Contact comm2000 for pricing and delivery options


Order from: comm2000

Send comments (with copy to BSR) to: Susan Malohn, (847) 664-1725, Susan.P.Malohn@us.ul.com
**Call for Comment Contact Information**

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

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Web: www.aami.org

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La Grange Park, IL 60525  
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Web: www.ans.org/main.html

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Web: www.api.org

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Acoustical Society of America  
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Web: asa.aip.org/index.html

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Fax: (410) 267-0961  
Web: www.x9.org

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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) 768-3411  
Web: www.asse.org

**ATCC**  
American Type Culture Collection  
10801 University Boulevard  
Manassas, VA 20110  
Phone: 703-365-2802  
Fax: 703-334-2944  
Web: www.atcc.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/asp/default.asp

**CCPA (ASC B212)**  
Cemented Carbide Producers Association  
30200 Detroit Road  
Cleveland, Ohio 44135  
Phone: (440) 899-0010  
Fax: (440) 892-1404  
Web: www.wherryassoc.com/ccpa.org

**comm2000**  
1414 Brook Drive  
Downers Grove, IL 60515

**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

**NALFA**  
North American Laminate Flooring Association  
1747 Pennsylvania Avenue, NW  
Suite 1000  
Washington, DC 20006  
Phone: (202) 785-9500  
Fax: (202) 835-0243

**NEMA (ASC C136)**  
National Electrical Manufacturers Association  
1300 N. 17th Street  
Suite 1752  
Rosslyn, VA 22209  
Phone: (703) 841-3288  
Fax: (703) 841-3368  
Web: www.nema.org

**SIA (ASC A92)**  
Scaffold Industry Association  
400 Admiral Boulevard  
Kansas City, MO 64106  
Phone: (816) 595-4860  
Fax: (816) 472-7765  
Web: www.scaffold.org
<table>
<thead>
<tr>
<th>Organization</th>
<th>Address</th>
<th>Phone</th>
<th>Fax</th>
<th>Web</th>
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</thead>
<tbody>
<tr>
<td>AAMI</td>
<td>4301 N Fairfax Drive, Suite 301, Arlington, VA 22203-1633</td>
<td>(703) 253-8263</td>
<td>(703) 276-0793</td>
<td><a href="http://www.aami.org">www.aami.org</a></td>
</tr>
<tr>
<td>ASHRAE</td>
<td>American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., 1791 Tullie Circle NE, Atlanta, GA 30329</td>
<td>(678) 539-1111</td>
<td>(678) 539-2111</td>
<td><a href="http://www.ashrae.org">www.ashrae.org</a></td>
</tr>
<tr>
<td>ASME</td>
<td>American Society of Mechanical Engineers, 3 Park Avenue, 20th Floor 20S2, New York, NY 10016</td>
<td>(212) 591-8018</td>
<td>(212) 591-8501</td>
<td><a href="http://www.asme.org">www.asme.org</a></td>
</tr>
<tr>
<td>ASSE-Safety</td>
<td>American Society of Safety Engineers, 1800 East Oakton Street, Des Plaines, IL 60018-2187</td>
<td>(847) 768-3411</td>
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<td><a href="http://www.asse.org">www.asse.org</a></td>
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<tr>
<td>ATCC</td>
<td>American Type Culture Collection, 10801 University Boulevard, Manassas, VA 20110</td>
<td>(703) 365-2802</td>
<td>(703) 334-2944</td>
<td><a href="http://www.atcc.org">www.atcc.org</a></td>
</tr>
<tr>
<td>AWWA</td>
<td>American Water Works Association, 6666 West Quincy Avenue, Denver, CO 80235</td>
<td>(303) 347-6178</td>
<td>(303) 795-7003</td>
<td><a href="http://www.awwa.org/asp/default.asp">www.awwa.org/asp/default.asp</a></td>
</tr>
<tr>
<td>CCPA (ASC B212)</td>
<td>Cemented Carbide Producers Association, 30200 Detroit Road, Cleveland, Ohio 44135</td>
<td>(440) 899-0010</td>
<td>(440) 892-1404</td>
<td><a href="http://www.wherryassoc.com/ccpa.org">www.wherryassoc.com/ccpa.org</a></td>
</tr>
<tr>
<td>ISA (Organization)</td>
<td>ISA-The Instrumentation, Systems, and Automation Society, 67 Alexander Drive, Research Triangle Park, NC 27709</td>
<td>(919) 990-9228</td>
<td>(919) 549-8288</td>
<td><a href="http://www.isa.org">www.isa.org</a></td>
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<tr>
<td>NALFA</td>
<td>North American Laminate Flooring Association, 1747 Pennsylvania Avenue, NW Suite 1000, Washington, DC 20006</td>
<td>(202) 785-9500</td>
<td>(202) 835-0243</td>
<td></td>
</tr>
<tr>
<td>NEMA (ASC C136)</td>
<td>National Electrical Manufacturers Association, 1300 N. 17th Street, Suite 1752, Rosslyn, VA 22209</td>
<td>(703) 841-3268</td>
<td>(703) 841-3368</td>
<td><a href="http://www.nema.org">www.nema.org</a></td>
</tr>
<tr>
<td>NSF</td>
<td>NSF International, 789 N. Dixboro Road, Ann Arbor, MI 48105</td>
<td>(734) 769-5159</td>
<td>(734) 827-6176</td>
<td><a href="http://www.nsf.org">www.nsf.org</a></td>
</tr>
<tr>
<td>SIA (ASC A92)</td>
<td>Scaffold Industry Association, 400 Admiral Boulevard, Kansas City, MO 64106</td>
<td>(816) 595-4860</td>
<td>(816) 472-7765</td>
<td><a href="http://www.scaffold.org">www.scaffold.org</a></td>
</tr>
<tr>
<td>UL</td>
<td>Underwriters Laboratories, Inc., 333 Pfingsten Road, Northbrook, IL 60062-2096</td>
<td>(847) 664-1725</td>
<td>(847) 407-1725</td>
<td><a href="http://www.ul.com/">www.ul.com/</a></td>
</tr>
</tbody>
</table>
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: Cliff Bernier
Phone: (703) 276-0793
Fax: (703) 253-8263
E-mail: CBernier@aami.org

BSR/AAMI AT6-2005 (R201x), Autologous transfusion devices (reaffirmation of ANSI/AAMI AT6-2005)
BSR/AAMI RD61-2006 (R201x), Concentrates for hemodialysis (reaffirmation of ANSI/AAMI RD61-2006)
BSR/AAMI RD62-2006 (R201x), Water treatment equipment for hemodialysis applications (reaffirmation of ANSI/AAMI RD62-2006)
BSR/AAMI RD62/A1-2009 (R201x), Water treatment equipment for hemodialysis applications, Amendment 1 - 4.2.6, Deionization (reaffirmation of ANSI/AAMI RD62/A1-2009)
BSR/AAMI/ISO 13958-201x, Concentrates for hemodialysis and related therapies (identical national adoption and revision of ANSI/AAMI RD61-2006)
BSR/AAMI/ISO 26722-201x, Water treatment equipment for hemodialysis applications and related therapies (identical national adoption and revision of ANSI/AAMI RD62-2006)

CCPA (ASC B212) (Cemented Carbide Producers Association)
Office: 30200 Detroit Road
         Cleveland, Ohio  44135
Contact: Linda Hamill
Phone: (440) 899-0010
Fax: (440) 892-1404
E-mail: leh@wherryassoc.com

BSR B212.3-2002 (R201x), Cutting Tools - Precision Holders for Indexable Inserts (reaffirmation of ANSI B212.3-2002)

ASSE (ASC A10) (American Society of Safety Engineers)
Office: 1800 East Oakton Street
         Des Plaines, IL  60018-2187
Contact: Tim Fisher
Phone: (847) 768-3411
Fax: (847) 768-3411
E-mail: TFisher@ASSE.org

BSR/ASSE A10.13-201x, Safety Requirements for Steel Erection (revision of ANSI/ASSE A10.13-2001)

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 92.00.01-201x, Performance Requirements for Toxic Gas Detectors (new standard)
BSR/ISA 60079-20-1-201x, Explosive Atmospheres - Part 20-1: Material characteristics for gas and vapour classification - Test methods and data (national adoption with modifications of IEC 60079-20-1)

NEMA (ASC C136) (National Electrical Manufacturers Association)
Office: 1300 N. 17th Street
         Suite 1752
         Rosslyn, VA  22209
Contact: Alex Boesenberg
Phone: (703) 841-3268
Fax: (703) 841-3368
E-mail: alex.boesenberg@nema.org

BSR C136.40-201x, Roadway and Area Lighting Equipment - Solar Lighting (new standard)
BSR/UL 69-201x, Standard for Safety for Electric-Fence Controllers
(revision of ANSI/UL 69-2009)
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.

ASABE (American Society of Agricultural and Biological Engineers)

Revisions
ANSI/ASAE S276.7-2010, Slow Moving Vehicle Identification Emblem (SMV Emblem) (revision of ANSI/ASAE S276.6-JAN05): 9/16/2010

ASME (American Society of Mechanical Engineers)

Revisions
ANSI/ASME A112.6.7-2010, Sanitary Floor Sinks (revision of ANSI/ASME A112.6.7-2001 (R2007)): 10/19/2010

Supplements

ASSE (ASC A10) (American Society of Safety Engineers)

Reaffirmations

CEA (Consumer Electronics Association)

Revisions

Withdrawals

EIA (Electronic Industries Alliance)

Reaffirmations

ICC (ASC A117) (International Code Council)

Revisions

NECA (National Electrical Contractors Association)

Reaffirmations

NEMA (ASC C78) (National Electrical Manufacturers Association)

Reaffirmations
ANSI C82.4-2002 (R2010), Ballasts for High-Intensity Discharge and Low-Pressure Sodium Lamps (Multiple-Supply Type) (reaffirmation of ANSI C82.4-2002 (R2007)): 10/19/2010
ANSI C82.6-2005 (R2010), Lamp Ballasts - Ballasts for High Intensity Discharge Lamps - Method of Measurement (reaffirmation of ANSI C82.6-2005 (R2009)): 10/19/2010
ANSI C82.7-1983 (R2010), Mercury Lamp Transformers - Constant-Current (Series) Supply Type (reaffirmation of ANSI C82.7-1983 (R2007)): 10/19/2010
ANSI C82.8-1988 (R2010), Specifications for Incandescent Filament Lamp Transformers - Constant-Current (Series) Supply Type (reaffirmation of ANSI C82.8-1988 (R2007)): 10/19/2010
ANSI C82.14-2006 (R2010), Low Frequency Square Wave Ballasts for Metal Halide Lamps (reaffirmation of ANSI C82.14-2006): 10/19/2010

NEMA (ASC C82) (National Electrical Manufacturers Association)

New Standards
ANSI/NEMA 62430-2010, Environmental Conscious Design for Electrical and Electronic Products (new standard): 10/19/2010
SCTE (Society of Cable Telecommunications Engineers)

New Standards

ANSI/SCTE 160-2010, Specification for Mini 'F' Connector, Male, Pin Type (new standard): 10/19/2010

TIA (Telecommunications Industry Association)

Revisions


UL (Underwriters Laboratories, Inc.)

New National Adoptions

ANSI/UL 60730-2-9-2010, Standard for Automatic Electrical Controls for Household and Similar Use - Part 2: Particular Requirements for Temperature Sensing Controls (national adoption with modifications of IEC 60730-2-9): 10/12/2010

Revisions


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 Ave
Contact: Kathy Medic
Fax: (312) 440-2529
E-mail: medick@ada.org

Stakeholders: Glove manufacturers, product evaluation services, dental professionals.
Project Need: The current three specifications for non-sterile gloves are 10 years old. These specifications largely differ only in the glove material (latex, vinyl, nitrile). The result is considerable redundancy among the specs, which could be eliminated by consolidation into a single specification.
Delineates the required properties of non-sterile gloves made of natural rubber latex, polyvinyl chloride, and nitrile to provide assurance that these products are safe and effective. Furthermore, this spec will include evaluation of the quantity of extractable materials often involved in both immediate and delayed hypersensitivity specific to the glove material used.

ASABE (American Society of Agricultural and Biological Engineers)
Office: 2950 Niles Road
Contact: Carla VanGilder
Fax: (269) 429-3852
E-mail: vangilder@asabe.org

BSR/ASABE S370.5-201x, 2000-RPM Power Take-Off for Lawn and Garden Ride-On Tractors. (revision of ANSI/ASABE S370.4-AUG01 (R2006))
Stakeholders: Manufacturers, owners, and users of lawn and garden ride-on tractors and related implements and attachments.
Project Need: Pre-periodic review identified the need to update references.
Establishes the specifications that are essential in order that a 2000-rpm power take-off driven machine may be operated with any make of lawn and garden ride-on tractor equipped with an equivalent size 2000-rpm power take-off drive.

ASC X9 (Accredited Standards Committee X9, Incorporated)
Office: 1212 West Street, Suite 200
Contact: Isabel Bailey
Fax: (410) 267-0961
E-mail: isabel.baileyx9@verizon.net

BSR X9.100-182-201x, Bulk Image and Data Schema (new standard)
Stakeholders: Financial services industry.
Project Need: Standard needed to export and import image data regardless of what type of hard/software was used to capture the image.
Organizations receiving images from multiple sources generally are not equipped to recognize all the images received because vendors use diverse image compression and image file formats. This media-based image exchange format will standardize the export and import of image data regardless of what type of hardware/software was used to capture, store, or export the images.

ASME (American Society of Mechanical Engineers)
Office: 3 Park Avenue, 20th Floor (20N2)
Contact: Mayra Santiago
Fax: (212) 591-8501
E-mail: ansibox@asme.org

BSR/ASME A112.18.9-201x, Protectors/Insulators for Exposed Waste and Supplies on Accessible Fixtures (new standard)
Stakeholders: Plumbing manufacturers, testers, and installers.
Project Need: There is a need to establish a performance standard for protectors/insulators for exposed waste and supplies, so a physically challenged person will be protected when using a sink, lavatory or wash basin in a public/commercial or private/residential facility.
Shows material and performance specifications and use of protectors/insulators for exposed waste and supplies for public/commercial and private/residential buildings using product covered under this standard.

BSR/ASME B89.1.8-201x, Performance Evaluation of Displacement Measuring Laser Interferometers (new standard)
Stakeholders: Metrologists, calibration labs, users, manufacturers.
Project Need: This standard is written to help users evaluate the accuracy of laser interferometer systems.
Establishes requirements and methods for the specification, evaluation, setup and use of laser interferometers. This standard will explicitly discuss only single pass optics and a single axis of linear displacement measurement. The standard is currently limited to ionized gas laser interferometer systems. Only single-color lasers will be considered in this version of the laser standard.
BSR/ASTM WK24364-201x, New Specification for Polyethylene (PE) Corrugated Wall Stormwater Collection Chambers (new standard)
Project Need: New product specification for PE Stormwater Chambers promotes consistency in design and manufacturing of PE stormwater chambers.

BSR/BPI 101-201x, Home Energy Auditing Standard (new standard)
Stakeholders: Manufacturers of materials and equipment, service providers, contractors and energy efficiency agencies concerned with home performance retrofit of existing buildings.
Project Need: This standard practice defines the criteria for conducting a building-science-based evaluation of homes (residential low rise buildings) in terms of energy usage, durability and occupant health/safety and provides a comprehensive scope of work to improve the home. The scope of work shall include a cost-benefit analysis.

Defines the criteria for conducting a building-science-based evaluation of homes (residential low-rise buildings) in terms of energy usage, durability and occupant health/safety and provides a comprehensive scope of work to improve the home. The scope of work shall include a cost-benefit analysis.
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)
- 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.
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 Rachel Howenstine, at ANSI's New York offices (isot@ansi.org). 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.

DOCUMENTS AND DATA ELEMENTS IN ADMINISTRATION, COMMERCE AND INDUSTRY (TC 154)


GEOSYNTHETICS (TC 221)

ISO/DIS 10772, Test method for the determination of the filtration behaviour of geotextiles under turbulent water flow conditions - 1/13/2011, $53.00

ISO/DIS 10776, Geotextiles and geotextile-related products - Determination of water permeability characteristics normal to the plane, under load - 1/13/2011, $53.00

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

ISO/DIS 6433, Technical product documentation - Part references - 1/13/2011, $40.00

TEXTILES (TC 38)

ISO/DIS 6330, Textiles - Domestic washing and drying procedures for textile testing - 1/13/2011, $93.00

TRANSFUSION, INFUSION AND INJECTION EQUIPMENT FOR MEDICAL USE (TC 76)

ISO/DIS 3826-1, Plastics collapsible containers for human blood and blood components - Part 1: Conventional containers - 1/13/2011, $82.00


ISO/IEC DIS 29341-4-10, Information technology - UPnP Device Architecture - Part 4-10: Audio Video Device Control Protocol - Level 2 - Audio Video Transport Service - 1/14/2011, $155.00

ISO/IEC DIS 29341-4-11, Information technology - UPnP Device Architecture - Part 4-11: Audio Video Device Control Protocol - Level 2 - Connection Manager Service - 1/14/2011, $112.00

ISO/IEC DIS 29341-4-13, Information technology - UPnP Device Architecture - Part 4-13: Audio Video Device Control Protocol - Level 2 - Rendering Control Service - 1/14/2011, $146.00

ISO/IEC DIS 29341-4-14, Information technology - UPnP Device Architecture - Part 4-14: Audio Video Device Control Protocol - Level 2 - Scheduled Recording Service - 1/14/2011, $215.00

ISO/IEC DIS 29341-4-4, Information technology - UPnP Device Architecture - Part 4-4: Audio Video Device Control Protocol - Level 2 - Audio Video Data Structures - 1/14/2011, $82.00

ISO/IEC DIS 29341-4-2, Information technology - UPnP Device Architecture - Part 4-2: Audio Video Device Control Protocol - Level 2 - Media Renderer Device - 1/14/2011, $82.00

ISO/IEC DIS 29341-3-1, Information technology - UPnP Device Architecture - Part 3-1: Audio Video Device Control Protocol - Audio Video Architecture - 1/14/2011, $82.00
Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization – and IEC – the International Electrotechnical Commission. Most are available at the ANSI Electronic Standards Store (ESS) at www.ansi.org. All paper copies are available from Standards resellers (http://webstore.ansi.org/faq.aspx#resellers).

### ISO Standards

#### FLUID POWER SYSTEMS (TC 131)
- ISO 10041-1:2010, Pneumatic fluid power - Electro-pneumatic continuous flow control valves - Part 1: Main characteristics to include in the suppliers literature, $80.00
- ISO 10041-2:2010, Pneumatic fluid power - Electro-pneumatic continuous flow control valves - Part 2: Test methods to determine main characteristics to include in the suppliers literature, $110.00
- ISO 10094-1:2010, Pneumatic fluid power - Electro-pneumatic pressure control valves - Part 1: Main characteristics to include in the suppliers literature, $86.00
- ISO 10094-2:2010, Pneumatic fluid power - Electro-pneumatic pressure control valves - Part 2: Test methods to determine main characteristics to include in the suppliers literature, $116.00

#### GAS CYLINDERS (TC 58)
- ISO 10961:2010, Gas cylinders - Cylinder bundles - Design, manufacture, testing and inspection, $65.00

#### PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)
- ISO 4263-3:2010, Petroleum and related products - Determination of the ageing behaviour of inhibited oils and fluids using the TOST test - Part 3: Anhydrous procedure for synthetic hydraulic fluids, $104.00

#### PLASTICS (TC 61)
- ISO 29664:2010, Plastics - Artificial weathering including acidic deposition, $96.00

#### WATER QUALITY (TC 147)
- ISO 5667-21:2010, Water quality - Sampling - Part 21: Guidance on sampling of drinking water distributed by tankers or means other than distribution pipes, $86.00

### IEC Standards

#### ALARM SYSTEMS (TC 79)
- IEC 62642-2-2 Ed. 1.0 b:2010, Alarm systems - Intrusion and hold-up systems - Part 2-2: Intrusion detectors - Passive infrared detectors, $179.00
- IEC 62642-3 Ed. 1.0 b:2010, Alarm systems - Intrusion and hold-up systems - Part 3: Control and indicating equipment, $250.00
- IEC 62642-4 Ed. 1.0 b:2010, Alarm systems - Intrusion and hold-up systems - Part 4: Warning devices, $158.00
- IEC 62642-5-3 Ed. 1.0 b:2010, Alarm systems - Intrusion and hold-up systems - Part 5-3: Interconnections - Requirements for equipment using radio frequency techniques, $128.00

#### AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)
- IEC/TR 62678 Ed. 1.0 en:2010, Audio, video and multimedia systems and equipment activities and considerations related to accessibility and usability, $0.00
- IEC 61937-12 Ed. 1.0 b:2010, Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 12: Non-linear PCM bitstreams according to the DRA formats, $66.00

#### CABLES, WIRES, WAVEGUIDES, R.F. CONNECTORS, AND ACCESSORIES FOR COMMUNICATION AND SIGNALLING (TC 46)
- IEC 61169-14 Ed. 1.0 b:2010, Radio-frequency connectors - Part 14: R.F. coaxial connectors with inner diameter of outer conductor 12 mm with screw coupling - Characteristic impedance 75 ohms (Type 3,5/12), $128.00
- IEC 61935-1 Ed. 3.0 en Cor.1:2010, Corrigendum 1 - Specification for the testing of balanced and coaxial information technology cabling - Part 1: Installed balanced cabling as specified in ISO/IEC 11801 and related standards, $0.00

#### ELECTRIC TRACTION EQUIPMENT (TC 9)
- IEC 60349-1 Ed. 2.0 b:2010, Electric traction - Rotating electrical machines for rail and road vehicles - Part 1: Machines other than electronic converter-fed alternating current motors, $235.00
- IEC 60349-2 Ed. 3.0 b:2010, Electric traction - Rotating electrical machines for rail and road vehicles - Part 2: Electronic converter-fed alternating current motors, $158.00
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<tr>
<th>Technical Committee</th>
<th>Document Title</th>
<th>Edition</th>
<th>Description</th>
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<tr>
<td>TC 31</td>
<td>ELECTRICAL APPARATUS FOR EXPLOSIVE ATMOSPHERES</td>
<td>1.0 b:2010</td>
<td>Explosive atmospheres - Part 13: Equipment protection by pressurized room &quot;p&quot;</td>
<td>$158.00</td>
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<tr>
<td>TC 86</td>
<td>FIBRE OPTICS</td>
<td>5.0 b:2010</td>
<td>Fibre optic interconnecting devices and passive components - Non-wavelength-selective fibre optic branching devices - Part 1: Generic specification</td>
<td>$117.00</td>
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<tr>
<td>TC 86</td>
<td>FIBRE OPTICS</td>
<td>2.0 b:2010</td>
<td>Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-9: Tests - Shock</td>
<td>$41.00</td>
</tr>
<tr>
<td>TC 86</td>
<td>FIBRE OPTICS</td>
<td>3.0 b:2010</td>
<td>Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-47: Tests - Thermal shocks</td>
<td>$51.00</td>
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<tr>
<td>TC 89</td>
<td>FIRE HAZARD TESTING</td>
<td>2.0 b:2010</td>
<td>Fire hazard testing - Part 2-12: Glowing/hot-wire based test methods - Glow-wire flammability index (GWFI) test method for materials</td>
<td>$61.00</td>
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<tr>
<td>TC 89</td>
<td>FIRE HAZARD TESTING</td>
<td>2.0 b:2010</td>
<td>Fire hazard testing - Part 2-13: Glowing/hot-wire based test methods - Glow-wire ignition temperature (GWIT) test method for materials</td>
<td>$61.00</td>
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<td>TC 49</td>
<td>PIEZOELECTRIC AND DIELECTRIC DEVICES FOR FREQUENCY CONTROL AND SELECTION</td>
<td>4.0 b:2010</td>
<td>Quartz crystal units of assessed quality - Part 3: Standard outlines and lead connections</td>
<td>$117.00</td>
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<tr>
<td>TC 49</td>
<td>PIEZOELECTRIC AND DIELECTRIC DEVICES FOR FREQUENCY CONTROL AND SELECTION</td>
<td>1.0 b:2010</td>
<td>Measurement of quartz crystal unit parameters - Part 11: Standard method for the determination of the load resonance frequency fL and the effective load capacitance Cf using automatic network analyzer techniques and error correction</td>
<td>$66.00</td>
</tr>
<tr>
<td>TC 2</td>
<td>ROTATING MACHINERY</td>
<td>1.0 b:2010</td>
<td>Rotating electrical machines - Part 18-32: Functional evaluation of insulation systems - Test procedures for form-wound windings - Evaluation by electrical endurance</td>
<td>$87.00</td>
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<tr>
<td>TC 61</td>
<td>SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES</td>
<td>2.0 b:2010</td>
<td>Household and similar electrical appliances - Safety - Part 2-103: Particular requirements for drives for gates, doors and windows</td>
<td>$26.00</td>
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<td>TC 47</td>
<td>SEMICONDUCTOR DEVICES</td>
<td>2.1 Ed:2010</td>
<td>EMC IC modelling - Part 2-1: Theory of black box modelling for conducted emission</td>
<td>$128.00</td>
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<td>TC 17</td>
<td>SWITCHGEAR AND CONTROLGEAR</td>
<td>1.0 en:2010</td>
<td>Low-voltage switchgear and controlgear assemblies - Part 0: Guide to specifying assemblies</td>
<td>$204.00</td>
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<tr>
<td>TC 88</td>
<td>WIND TURBINE GENERATOR SYSTEMS</td>
<td>3.0 en:2010</td>
<td>Wind turbines - Part 1: Design requirements</td>
<td>$128.00</td>
</tr>
<tr>
<td>TC 1</td>
<td>TERMINOLOGY</td>
<td>1.0 en:2010</td>
<td>International Electrotechnical Vocabulary - Part 445: Time relays</td>
<td>$128.00</td>
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<tr>
<td>TC 3</td>
<td>DOCUMENTATION AND GRAPHICAL SYMBOLS</td>
<td>1.0 en:2010</td>
<td>Guidelines for the inclusion of documentation aspects in product standards</td>
<td>$128.00</td>
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</table>
Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4946.

The following is a list of alphanumeric organization names that have been submitted to ANSI for registration. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

PUBLIC REVIEW

ECGRID
Public Review: September 10 to December 9, 2010

NOTE: Challenged alphanumeric names are underlined. The Procedures for Registration provide for a challenge process, which follows in brief. For complete details, see Section 6.4 of the Procedures.

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge. A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

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.
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 premesis 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 ANSI 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

Administrative Reaccreditation

American Dental Association (ADA)

The American Dental Association (ADA), a full ANSI organizational member, has been administratively reaccredited at the direction of ANSI’s Executive Standards Council, under operating procedures revised to bring the document into compliance with the 2010 version of the ANSI Essential Requirements, effective October 20, 2010. For additional information, please contact: Mr. Paul Bralower, Manager, Standards, Department of Standards, American Dental Association, 211 E. Chicago Avenue, Chicago, IL 60611; PHONE: (312) 587-4129; E-mail: bralowerp@ada.org.

Approvals of Reaccreditation

Accredited Standards Committee I14 – Window Cleaning Safety

ANSI’s Executive Standards Council has approved the reaccreditation of Accredited Standards Committees I14, Window Cleaning Safety under its recently revised operating procedures for documenting consensus on proposed American National Standards, effective October 15, 2010. For additional information, please contact the Secretariat of ASC I14: Mr. Stefan Bright, Safety Director, International Window Cleaning Association, 14 West 3rd Street, Suite 200, Kansas City, MO 64105; PHONE: (800) 875-4922; FAX: (816) 472-7765; E-mail: sbright@optonline.net.

Air Movement and Control Association (AMCA International)

ANSI’s Executive Standards Council has approved the reaccreditation of the Air Movement and Control Association (AMCA International) under its recently revised operating procedures for documenting consensus on proposed American National Standards (2010 AMCA Blue Book), effective October 20, 2010. For additional information, please contact: Mr. John Pakan, Technical Editor, AMCA International, 30 W. University Drive, Arlington Heights, IL 60004; PHONE: (847) 704.6295; FAX: (847) 253-0088; E-mail: jpakan@amca.org.

Withdrawal of Accreditation

Accredited Standards Committee Z94

At the request of the Institute of Industrial Engineers (IIE), the Secretariat of Accredited Standards Committee Z94, the accreditation of ASC Z94 as a developer of American National Standards has been withdrawn, effective September 28, 2010. The Z94 committee currently has no active American National Standards. For additional information, please contact: Ms. Heather Bradley, Director of Membership, Institute of Industrial Engineers, 3577 Parkway Lane, Suite 200, Norcross, GA 30092; PHONE: (770) 349-1122; E-mail: hbradley@iienet.org.
ANSI-ASQ National Accreditation Board (ANAB)

IECQ QC 08000 Hazardous Substance Process Management

Notices of Accreditation

Certification Bodies

The ANSI-ASQ National Accreditation Board is pleased to announce that the following certification bodies have earned ANAB accreditation for IECQ QC 08000 Hazardous Substance Process Management:

- **Det Norske Veritas Certification, Inc.**
  1400 Ravello Drive
  Katy, TX 77449
  www.dnvcert.com
  Earl Hudspeth
  PHONE: 281-396-1000
  E-mail: earl.hudspeth@dnv.com

- **Intertek Testing Services NA, Inc. dba Intertek**
  70 Codman Hill Road
  Boxborough, MA 01719
  www.intertek-sc.com
  Stacey Corbin
  PHONE: 978-929-2116
  E-mail: stacey.corbin@intertek.com

- **TUV Asia Pacific Ltd., Taiwan Branch, TUV NORD Group**
  Certification Body
  Room A1, 9FL., No 333, Sec. 2, Tung-Hua S. Rd.
  Taipei, 10669 Taiwan, Province Of China
  Carol Chung
  PHONE: 886 2 23780578, ext. 13
  E-mail: carol@tuv-nord.com

- **TUV Rheinland Taiwan Ltd.**
  7F, No.2, Min Chuan E., Rd., Sec. 3
  Taipei, 104 Taiwan, Province of China
  www.tbn.tuv.com
  Yao Hsing Lin
  PHONE: +886-2-25166040
  E-mail: nl@tbn.tuv.com

- **TUV SUD Korea Ltd. trading as TUV SUD Asia Pacific Ltd. TUV SUD Group**
  12F, "KLI63" Bldg., #60, Yoido-Dong, Youngdeungpo-Gu
  Seoul, 150-763 Republic of Korea
  www.tuv-sud.co.kr
  Ye-Na Kim
  PHONE: 82-2-3215-1151
  E-mail: ye-na.kim@tuv-sud.kr

- **UL DQS Inc.**
  1130 West Lake Cook Road, Suite 340
  Buffalo Grove, IL 60089
  https://us.dqs-ul.com
  Michael Caruso
  PHONE: 631-271-6200, ext. 22340
  E-mail: michael.j.caruso@us.dqs-ul.com

ISO 9001 Quality Management Systems

Application for Accreditation

Certification Body

**ASR Co., Ltd.**

Comment Deadline: November 28, 2010

ASR Co., Ltd., Tokyo, Japan, has applied for accreditation under the ANSI-ASQ National Accreditation Board for Certification Bodies of Quality Management Systems. Comments on the applications of the above certification bodies are solicited from interested parties.

Please send your comments by November 28, 2010, to Lane Hallenbeck, Vice-President, Accreditation Services, American National Standards Institute, 1819 L Street NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287, or E-mail lhallenb@ansi.org.

ISO 14001 Environmental Management Systems

Application for Accreditation

Certification Body

**ASR Co., Ltd.**

Comment Deadline: November 28, 2010

ASR Co., Ltd., Tokyo, Japan, has applied for accreditation under the ANSI-ASQ National Accreditation Board for Certification Bodies of Environmental Management Systems. Comments on the applications of the above certification bodies are solicited from interested parties.

Please send your comments by November 28, 2010, to Lane Hallenbeck, Vice-President, Accreditation Services, American National Standards Institute, 1819 L Street NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287, or E-mail lhallenb@ansi.org.

International Organization for Standardization (ISO)

Calls for US TAG Administrators

ISO/TC 254 – Safety of Attractions

The ISO Technical Management board has created a new ISO Technical Committee on Safety of Attractions (ISO/TC 254). The secretariat has been assigned to GOST R (Russia). This is on a provisional basis as the committee is now allowed 18 months during which the members will need to review their title and scope, establish a preliminary work programme and structure, and elaborate on a draft business plan. The new project committee has the following scope:

"Standardization in the field of safety of attractions"

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact Joyce Hsu, ANSI, at isot@ansi.org.

ISO/TC 255 – Biogas

The ISO Technical Management board has created a new ISO Technical Committee on Biogas (ISO/PC 255). The secretariat has been assigned to SAC (China). This is on a provisional basis as the committee is now allowed 18 months during which the members will need to review their title and scope, establish a preliminary work programme and structure, and elaborate on a draft business plan. The new project committee has the following scope:

"Standardization in the field of biogas"

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact Joyce Hsu, ANSI, at isot@ansi.org.
ISO Proposals for a New Field of ISO Technical Activity

Additive Manufacturing – Rapid Technologies (Rapid Prototyping) – Fundamentals, Terms and Definitions, Quality Parameters, Supply Agreements

Comment Deadline: November 5, 2010

DIN (Germany) has submitted to ISO the attached new work item proposal for an ISO standard on “Additive Manufacturing - Rapid Technologies (Rapid Prototyping) - Fundamentals, terms and definitions, quality parameters, supply agreements” with the following scope statement:

This International Standard covers the principal considerations which apply to the design, fabrication and assessment of parts produced by additive fabrication and it lists the fields of activity. It specifies terms and definitions, deals with the fundamentals of the processes involved and specifies their requirements and selection criteria. It specifies relevant quality parameters and explains in detail component testing and the drawing up of supply agreements. It also covers safety-related and environmental aspects. This International Standard:

- differentiates between additive and conventional processes;
- facilitates improved assessment of different additive processes;
- specifies the quality parameters of different processes;
- specifies appropriate test procedures;
- recommends the scope and content of test and supply agreements.

This International Standard is aimed at users and producers of additive fabrication processes. It applies wherever additive processes are used, and to the following fields in particular:

- production of additive fabrication systems and equipment including software;
- material development and distribution;
- additive fabrication of parts, tools and end products;
- use of the parts, tools and end products.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI’s ISO Team via email: isot@ansi.org with a submission of comments to Steve Cornish (scornish@ansi.org) by November 5, 2010.

Domestic and Communal Wastewater Sanitation

Comment Deadline: November 5, 2010

KEBS (Kenya) has submitted to ISO the attached proposal for a new field of ISO technical activity on “Domestic and communal wastewater sanitation” with the following scope statement:

Standardization in the field of domestic and communal wastewater sanitation. Areas of standardization include but are not limited to amenities for the safe disposal of human wastes and grey water (e.g. septic tanks, ecological sanitation facilities, dry toilets etc), environmentally sound transportation and reuse of the human waste. This will also include appropriate technological methods of treatment of the wastes, and, sanitation during emergency situation caused by natural disasters e.g. floods, war, etc. However, this excludes municipal and industrial wastewater which is not currently under any ISO technical committee.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI’s ISO Team via email: isot@ansi.org with a submission of comments to Steve Cornish (scornish@ansi.org) by November 5, 2010.

Meeting Notices

ASC Z133

The next meeting of ASC Z133 (Arboriculture Safety Standard Committee) will be held on Wednesday, November 10, 2010, at the Omni William Penn Hotel in Pittsburgh, PA. For more information, please contact Janet Huber, ASC Z133 Secretariat, at the International Society of Arboriculture (217-355-9411, x259) or email jhuber@isa-arbor.com.
The following revisions have occurred since the last public review of the proposed standard.

6.5 Column Limitations

(2) The column depth shall be limited to the beam depth or shallower. Rolled shape column depth shall be limited to W36 (W920) maximum. The depth of built-up wide-flange columns shall not exceed that for rolled shapes. Flanged cruciform columns shall not have a width or depth greater than the depth allowed for rolled shapes.

Equation 7.6-3

\[
\begin{align*}
   r_n &= \min \left\{ 4.110F_{nV}A_p \right. \\
       & \quad 2.4F_{ub}d_b t_f \\
       & \quad 2.4F_{up}d_b t_p 
\end{align*}
\]

8.5 Beam Flange to Column Flange Welds

(2) Weld access hole geometry shall conform to the requirements of AWS D1.8 Section 6.10.1.2. Weld access hole quality requirements shall conform to the requirements of AWS D1.8.
NSF/ANSI Standard
for Personal Care Products

Personal Care Products Containing Organic Ingredients

5.3.2 Preservatives

Table 5.2 – Preservative ingredients allowed in “Contains Organic” products

| Ingredient                                                                 |
|                                                                           |
| Benzoic Acid and its salts and esters (non-petroleum feedstock only)     |
| Grapefruit Seed Extract                                                   |
| Potassium Lactate                                                         |
| Salicylic Acid, its salts and esters                                     |
| Sorbic Acid, and its salts and esters                                    |
| Benzyl Alcohol (non-petroleum feedstock only)                            |
| Glucose, Glucose Oxidase, Lactoperoxidase                                |

Other ingredients with anti-microbial properties produced by an allowed process in 5.3 include but are not limited to: Ethanol, Glyceryl Caprate, Capryloyl Glycine, Glyceryl Caprylate, Glycerol Laurate, Lauroyl Lysine, Undecylenoyl Glycine.

NOTE: Sodium Benzoate derived from partial petroleum feedstock shall be allowed until it can be replaced with natural derived Sodium Benzoate.

Reason: Non-petroleum feedstock sodium benzoate is unavailable. Until it becomes available, it is being suggested that partial petroleum feedstock be allowed until it can be replaced by non-petroleum feedstock.
20.1.1 An audible signal appliance using electronic components that are capable of being affected by transients shall operate as intended after being subjected to 500 supply-line transients (high-voltage appliances), and 60 input/output circuit transients (low-voltage appliances) while energized from a source of supply in accordance with Table 12.2. The transients are to be applied with the appliance connected as intended in service and then the appliance is to be energized to determine intended operation.