

Contents

American National Standards

Call for Comment on Standards Proposals	2
Call for Comment Contact Information	8
Call for Members (ANS Consensus Bodies)	10
Final Actions	11
Project Initiation Notification System (PINS)	12

International Standards

ISO and IEC Draft Standards	17
ISO and IEC Newly Published Standards	19
Proposed Foreign Government Regulations	23
Information Concerning	24
Standards Action Publishing Schedule for 2010	28

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

Comment Deadline: January 3, 2010

NECA (National Electrical Contractors Association)

Revisions

BSR/NECA 200-201x, Standard for Installing and Maintaining Temporary Power at Construction Sites (revision of ANSI/NECA 200-2002)

Describes temporary electrical power and lighting systems at construction sites, operating at 600 volts or less. This standard covers the planning, installation, expansion, maintenance, cutover, and removal of the temporary power system. It is intended to ensure a safe, adequate, functional, and reliable temporary electrical power system for all trades on site.

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

Send comments (with copy to BSR) to: am2@necanet.org

NSF (NSF International)

Revisions

BSR/NSF 50-201x (i32), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2009)

Issue 32 - Removal of the note relating to use of DE filter media with hydrogen peroxide.

[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, (734) 827-6819, mcostello@nsf.org

Comment Deadline: January 18, 2010

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmations

BSR/AAMI RD52-2004/A1-2007 (R201x), Dialysate for hemodialysis - Amendment 1 - Annex C: Special considerations for home hemodialysis (reaffirmation of ANSI/AAMI RD52-2004/A1-2007)

Addresses concerns particular to home hemodialysis setting.

Single copy price: Free

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications; PHONE: 1-877-249-8226; FAX:1-301-206-9789

Send comments (with copy to BSR) to: Cliff Bernier, (703) 525-4890x229, CBernier@aami.org

BSR/AAMI RD52-2004/A2-2007 (R201x), Dialysate for hemodialysis - Amendment 2 - Annex D: Self-assessment of compliance with recommendations for dialysate preparation (reaffirmation of ANSI/AAMI RD52-2004/A2-2007)

Uses self-assessment tools to help users understand the intent of the recommendations contained in ANSI/AAMI RD52 and to aid in establishing a surveillance program.

Single copy price: Free

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications; PHONE: 1-877-249-8226; FAX:1-301-206-9789

Send comments (with copy to BSR) to: Cliff Bernier, (703) 525-4890x229, CBernier@aami.org

BSR/AAMI/ISO 7198-2001 (R201x), Cardiovascular implants - Tubular Vascular Prostheses (reaffirmation of ANSI/AAMI/ISO 7198-2001 (R2004))

Specifies requirements relating to testing, packaging, labeling, and terminology for sterile tubular vascular prostheses intended to replace, bypass, or form shunts between segments of the vascular system in humans.

Single copy price: \$50.00 (AAMI members)/\$95.00 (list)

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications; PHONE: 1-877-249-8226; FAX:1-301-206-9789

Send comments (with copy to BSR) to: Cliff Bernier, (703) 525-4890x229, CBernier@aami.org

ADA (American Dental Association)

Revisions

BSR/ADA Specification No. 58-201x, Root Canal Files, Type H(Hedstrom) (revision of ANSI/ADA 58-2004)

Describes endodontic Hedstrom files for hand use only, having a working part taper of 2% (0.02 millimeter per millimeter of length) as used in endodontic preparation or shaping operations.

Single copy price: \$38.00

Obtain an electronic copy from: standards@ada.org

Order from: Kathy Medic, (312) 440-2533, medick@ada.org

Send comments (with copy to BSR) to: Same

AISC (American Institute of Steel Construction)

Revisions

BSR/AISC 341-201x, Seismic Provisions for Structural Steel Buildings (revision of ANSI/AISC 341-2005)

Governs the design, fabrication, and erection of structural steel members and connections in the seismic force resisting systems, and splices and bases of columns in gravity-framing systems of buildings and other structures with moment frames, braced frames and shear walls. The design forces in these structures shall result from earthquake motions determined on the basis of various levels of energy dissipation in the inelastic range of response.

Single copy price: \$12.00

Obtain an electronic copy from: www.aisc.org

Order from: Janet Cummins, (312) 670-5410, cummins@aisc.org

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

BSR/AISC 360-201x, Specification for Structural Steel Buildings (revision of ANSI/AISC 360-2005)

Provides criteria for the design, fabrication, and erection of structural steel buildings and other structures, where other structures are defined as those structures designed, fabricated, and erected in a manner similar to buildings with building-like vertical and lateral-load-resisting elements.

Single copy price: \$12.00

Obtain an electronic copy from: www.aisc.org

Order from: Janet Cummins, (312) 670-5410, cummins@aisc.org

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

APA (APA - The Engineered Wood Association)**New Standards**

BSR/APA PRR-410-201x, Standard for Performance-Rated Engineered Wood Rim Boards (new standard)

Provides dimensions and tolerances, performance requirements, test methods, quality assurance, and trademarking for engineered wood rim boards.

Single copy price: Free

Obtain an electronic copy from: borjen.yeh@apawood.org

Order from: Borjen Yeh, (253) 620-7467, borjen.yeh@apawood.org

Send comments (with copy to BSR) to: Same

ASABE (American Society of Agricultural and Biological Engineers)**New National Adoptions**

BSR/ASABE AD5707-2007 (MONYEAR), Milking machine installations - Construction and performance (national adoption with modifications of ISO 5707:2007)

Specifies the minimum performance and information requirements and certain dimensional requirements for satisfactory functioning of milking machines for milking and cleaning. Also specifies minimum requirements for materials, design, manufacture and installation. Applicable to milking machines for milking cows, water buffaloes, sheep and goats where animals are milked with pulsation created by vacuum, and where milk is, at least partly, transported with the help of airflow.

Single copy price: \$48.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, (269) 932-7015, vangilder@asabe.org

Send comments (with copy to BSR) to: Same

ASC X9 (Accredited Standards Committee X9, Incorporated)**Revisions**

BSR X9.84-201x, Biometric Information Management & Security (revision of ANSI X9.84-2003)

Describes the security framework for using biometrics for authentication of individuals in financial services. This standard introduces the types of biometric technologies and addresses issues concerning their application. It also describes the architectures for implementation, specifies the minimum security requirements for effective management, and provides control objectives and recommendations suitable for use by a professional practitioner.

Single copy price: \$100.00

Order from: Janet Busch, (410) 267-7707, janet.busch@x9.org

Send comments (with copy to BSR) to: Same

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

BSR/ASME B30.26-201x, Rigging Hardware (revision of ANSI/ASME B30.26-2004)

Includes provisions that apply to the construction, installation, operation, inspection, and maintenance of detachable rigging hardware used for load handling activities in conjunction with equipment described in other volumes of the B30 Standard. This hardware includes shackles, links, rings, swivels, turnbuckles, eyebolts, hoist rings, wire rope clips, wedge sockets, rigging blocks, and load-indicating devices.

Single copy price: Free

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

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

Send comments (with copy to BSR) to: Kathryn Hyam, (212) 591-8521, hyamk@asme.org

BSR/ASME BPVC Section X-200x, Fiber-Reinforced Plastic Pressure Vessels (October 2009 Meeting) (revision of ANSI/ASME BPVC 2007 Edition)

Section X of the ASME Boiler and Pressure Vessel Code provides requirements for the fabrication of fiber-reinforced thermosetting plastic pressure vessels for general service, sets limitations on the permissible service conditions, and defines the types of vessels to which these rules are not applicable.

Single copy price: Free

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

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

Send comments (with copy to BSR) to: Paul Stumpf, (212) 591-8536, stumpf@asme.org

ASTM (ASTM International)

The URL to search for scopes of ASTM standards is:

<http://www.astm.org/dsearch.htm>

For reaffirmations and withdrawals, order from: Customer Service, ANSI ; cleonard@astm.org

For all ASTM standards, send comments (with copy to BSR) to: Corice Leonard, ASTM ; cleonard@astm.org

Revisions

BSR/ASTM D1000-201x, Test Methods for Pressure-Sensitive Adhesive-Coated Tapes Used for Electrical and Electronic Applications (revision of ANSI/ASTM D1000-2004)

http://www.astm.org/ANSI_SA

Single copy price: \$43.00

BSR/ASTM D3299-201x, Specification for Filament-Wound Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks (revision of ANSI/ASTM D3299-2008)

http://www.astm.org/ANSI_SA

Single copy price: \$43.00

BSR/ASTM D3353-201x, Test Methods for Fibrous-Insulated Magnet Wire (revision of ANSI/ASTM D3353-200x)

http://www.astm.org/ANSI_SA

Single copy price: \$37.00

BSR/ASTM D3380-201x, Test Method for Relative Permittivity Dielectric Constant and Dissipation Factor of Polymer-Based Microwave Circuit Substrates (revision of ANSI/ASTM D3380-2003)

http://www.astm.org/ANSI_SA

Single copy price: \$43.00

BSR/ASTM D5288-201x, Test Method for Determining the Tracking Index of Electrical Insulating Materials Using Various Electrode Materials Excluding Platinum (revision of ANSI/ASTM D5288-1997 (R2004))

http://www.astm.org/ANSI_SA

Single copy price: \$37.00

BSR/ASTM D6864-201x, Specification for Color and Appearance Retention of Solid Colored Plastic Siding Products (revision of ANSI/ASTM D6864-2003)

http://www.astm.org/ANSI_SA

Single copy price: \$32.00

BSR/ASTM D7251-201x, Specification for Color and Appearance Retention of Variegated Color Plastic Siding Products (revision of ANSI/ASTM D7251-2006)

http://www.astm.org/ANSI_SA

Single copy price: \$37.00

BSR/ASTM E84-201x, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2009b)

http://www.astm.org/ANSI_SA

Single copy price: \$51.00

BSR/ASTM E108-201x, Test Methods for Fire Tests of Roof Coverings (revision of ANSI/ASTM E108-2006)

http://www.astm.org/ANSI_SA

Single copy price: \$43.00

BSR/ASTM E1529-201x, Test Methods for Determining Effects of Large Hydrocarbon Pool Fires on Structural Members and Assemblies (revision of ANSI/ASTM E1529-2005)

http://www.astm.org/ANSI_SA

Single copy price: \$43.00

BSR/ASTM E2232-201x, Guide for Selection and Use of Mathematical Methods for Calculating Absorbed Dose in Radiation Processing Applications (revision of ANSI/ASTM E2232-2002)

http://www.astm.org/ANSI_SA

Single copy price: \$43.00

Reaffirmations

BSR/ASTM D4097-2001 (R201x), Specification for Contact-Molded Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks (reaffirmation of ANSI/ASTM D4097-2001)

http://www.astm.org/ANSI_SA

Single copy price: \$43.00

Withdrawals

ANSI/ASTM D689-2003, Test Method for Internal Tearing Resistance of Paper (withdrawal of ANSI/ASTM D689-2003)

http://www.astm.org/ANSI_SA

Single copy price: \$37.00

ANSI/ASTM D724-1999 (R2003), Test Method for Surface Wettability of Paper Angle-of-Contact Method (withdrawal of ANSI/ASTM D724-1999 (R2003))

http://www.astm.org/ANSI_SA

Single copy price: \$32.00

ANSI/ASTM D726-1994 (R2003), Test Method for Resistance of Nonporous Paper to Passage of Air (withdrawal of ANSI/ASTM D726-1994 (R2003))

http://www.astm.org/ANSI_SA

Single copy price: \$32.00

ANSI/ASTM D776-1992 (R2001), Test Method for Determination of Effect of Dry Heat on Properties of Paper and Board (withdrawal of ANSI/ASTM D776-1992 (R2001))

http://www.astm.org/ANSI_SA

Single copy price: \$32.00

ANSI/ASTM D779-2003, Test Method for Water Resistance of Paper, Paperboard, and Other Sheet Materials by the Dry Indicator Method (withdrawal of ANSI/ASTM D779-2003)

http://www.astm.org/ANSI_SA

Single copy price: \$32.00

ANSI/ASTM D780-1995 (R2003), Test Method for Printing Ink Permeation of Paper Castor Oil Test (withdrawal of ANSI/ASTM D780-1995 (R2003))

http://www.astm.org/ANSI_SA

Single copy price: \$32.00

ANSI/ASTM D2020-1999 (R2003), Test Methods for Mildew Fungus Resistance of Paper and Paperboard (withdrawal of ANSI/ASTM D2020-1999 (R2003))

http://www.astm.org/ANSI_SA

Single copy price: \$32.00

ANSI/ASTM D2177-1999 (R2003), Test Method for Ink Absorption of Blotting Paper (withdrawal of ANSI/ASTM D2177-1999 (R2003))

http://www.astm.org/ANSI_SA

Single copy price: \$32.00

ANSI/ASTM D4250-1999 (R2003), Test Method for Water-holding Capacity of Bibulous Fibrous Products (withdrawal of ANSI/ASTM D4250-1999 (R2003))

http://www.astm.org/ANSI_SA

Single copy price: \$37.00

ANSI/ASTM D5802-1995 (R2001), Test Method for Sorption of Bibulous Paper Products Sorptive Rate and Capacity Using Gravimetric Principles (withdrawal of ANSI/ASTM D5802-1995 (R2001))

http://www.astm.org/ANSI_SA

Single copy price: \$37.00

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmations

BSR ATIS 0300221-1995 (R201x), OAM&P - In-Service, Nonintrusive Measurement Device (NMD) Voice Service Measurements (reaffirmation of ANSI ATIS 0300221-1995 (R2004))

Provides specifications for in-service nonintrusive measurement devices (INMD) used to measure various parameters of importance to voice service transmission maintenance of telecommunications networks. These measurement devices are used primarily for the measurement of voicegrade analog parameters such as speech level, noise level, echo path loss and echo path delay. This standard specifies interface, measurement range and accuracy requirements for measuring voicegrade transmission parameters as well as descriptions of optional functions associated with these parameters.

Single copy price: \$200.00

Obtain an electronic copy from: kconn@atis.org

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

Send comments (with copy to BSR) to: Same

AWS (American Welding Society)

Revisions

BSR/AWS B2.1-1-027:20XX, Standard Welding Procedure Specification (SWPS) for Self-Shielded Flux Cored Arc Welding of Carbon Steel (M-1 or P-1) Groups 1 and 2, 1/8 through 1/2 inch thick, E71T-11, As-Welded Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-027-1998)

Contains the essential welding variables for carbon steel in the thickness range of 1/8 through 1/2 inch, using self-shielded flux cored arc welding. This standard cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for groove and fillet welds. This SWPS was developed primarily for plate and structural applications.

Single copy price: \$25.00

Obtain an electronic copy from: roneill@aws.org

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

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

BSR/AWS B2.1-22-015-201x, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Aluminum (M/P/S-22 to M/P/S-22), 18 through 10 Gauge, in the As-Welded Condition, with or without Backing (revision of ANSI/AWS B2.1-22-015-2002)

Contains the essential welding variables for aluminum in the thickness range of 10 through 18 gauge using manual gas tungsten arc welding. This standard cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet welds and groove welds.

Single copy price: \$25.00

Obtain an electronic copy from: roneill@aws.org

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

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

AWWA (American Water Works Association)

Revisions

BSR/AWWA C215-201x, Extruded Polyolefin Coatings for the Exterior of Steel Water Pipelines (revision of ANSI/AWWA C215-2004)

Describes the materials, systems, and application requirements for shop-applied, extruded polyolefin coatings for the exterior of steel water pipe up to 144-in (3,650-mm) diameter.

Single copy price: \$20.00

Obtain an electronic copy from: llobb@awwa.org

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

Send comments (with copy to BSR) to: Same

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

Reaffirmations

INCITS/ISO/IEC 15444-1-2004 (R201x), Information technology - JPEG 2000 image coding system - Part 1: Core coding system (reaffirmation of INCITS/ISO/IEC 15444-1-2004)

- Defines a set of lossless (bit-preserving) and lossy compression methods for coding bi-level, continuous-tone grey-scale, palletized color, or continuous-tone color digital still images;
- Specifies decoding processes for converting compressed image data to reconstructed image data;
- Specifies a codestream syntax containing information for interpreting the compressed image data;
- Specifies a file format;
- Provides guidance on encoding processes for converting source image data to compressed image data; and
- Provides guidance on how to implement these processes in practice.

Single copy price: \$30.00

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

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

Send comments (with copy to BSR) to: Serena Patrick, (202) 626-5741, spatrick@itic.org; bbennett@itic.org

NEMA (ASC C78) (National Electrical Manufacturers Association)

Reaffirmations

BSR/IEC C78.682-1997 (R201x), Standard Method of Measuring the Pinch Temperature of Quartz Tungsten-Halogen Lamps (reaffirmation of ANSI/IEC C78.682-1997 (R2007))

Specifies details of the type of thermocouple to be used to measure the pinch temperature of quartz tungsten-halogen lamps, the methods of preparation of the lamp and thermocouple, and the measurement to be made.

Single copy price: \$At cost+

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org; mat_clark@nema.org

Send comments (with copy to BSR) to: Same

NSF (NSF International)

Revisions

BSR/NSF 50-201x (i65), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2009)

Issue 65 - This is a combination of normative reference, electrical requirements and motor data plate update.

Single copy price: Free

Obtain an electronic copy from:

http://standards.nsf.org/apps/group_public/ballot.php?id=997

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

Send comments (with copy to BSR) to: Same

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 2021-201x, Standard for Fixed and Location-Dedicated Electric Room Heaters (new standard)

Covers:

- (1) Elimination of auto-reset temperature-limiting controls on electric heaters;
- (4) Separation of general, important, installation, operation and maintenance instructions; and
- (5) Revision of requirements for pilot lights.

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: Mitchell Gold, (847) 664-2850, Mitchell.Gold@us.ul.com

Revisions

BSR/UL 44-201x, Standard for Safety for Thermoset-Insulated Wires and Cables (revision of ANSI/UL 44-2005a)

Provides major revisions to UL 44 based on publication of UL 2556, and other revised construction, performance, and marking requirements.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Camille Alma, (631) 271-6200, Camille.A.Alma@us.ul.com

BSR/UL 183-201x, Standard for Safety for Manufactured Wiring Systems (revision of ANSI/UL 183-2009A)

UL proposes the following changes to BSR/UL 183:

- Expand scope of cable construction; and
- Changes to the material requirements for mating connectors.

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: Nicolette Allen, (919) 549-0973, Nicolette.Allen@us.ul.com

BSR/UL 746A-201x, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2009)

The following changes in requirements to the Standard for Polymeric Materials - Short Term Property Evaluations, UL 746A, are being proposed:

- (1) HB testing under material variation program;
- (2) Clarification of terms: absolute, normalized, full testing, and critical properties; and
- (3) Clause 8.9 - polymer variations - ranges of materials.

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: Raymond Suga, (631) 546-2593, Raymond.M.Suga@us.ul.com

BSR/UL 746B-201x, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2009)

Adds generic thermal index for PC/siloxane copolymers.

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: Raymond Suga, (631) 546-2593, Raymond.M.Suga@us.ul.com

BSR/UL 1191-201x, Standard for Components for Personal Flotation Devices (revision of ANSI/UL 1191-2009)

This 12/4/09 UL 1191 proposal document includes changes to the delete requirements in Table 5.1 for use code 4RB and to correct requirements for window material in Table 31.2.

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: Betty McKay, (919) 549-1896, betty.c.mckay@us.ul.com

BSR/UL 1254-201x, Standard for Safety Pre-Engineered Dry Chemical Extinguishing System Units (revision of ANSI/UL 1254-2005)

The following are being proposed:

- Updates references and content;
- Corrects 5.12, 6.4, 57.3, and 62.1;
- Revises 5.11, Clarification of Moist Ammonia Test;
- Revises 8.1, 60.2, and 61.2;
- Clarifies vague terminology;
- Clarifies nitrogen cylinder and valve assemblies;
- Clarifies pressure gauges;
- Clarifies expellant gases and operating pressure;
- Clarifies plastic/polymeric materials and parts;
- Revises flexible hose assemblies;
- Revises nozzle construction and addition of marking requirements;
- Clarifies flow distribution tests; and
- Sampling clarification for 30-day elevated temperature, temperature cycling, and one-year time leakage tests.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Valara Davis, (919) 549-0921, Valara.Davis@us.ul.com

BSR/UL 1278-201x, Standard for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278-2008a)

Covers:

- (2) Elimination of auto-reset temperature-limiting controls on electric heaters;
- (3) Revision of the requirements for pilot lights; and
- (4) Revisions to marking requirements.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Mitchell Gold, (847) 664-2850, Mitchell.Gold@us.ul.com

BSR/UL 1449-201x, Standard for Surge Protective Devices (revision of ANSI/UL 1449-2009b)

Covers:

- (1) Scope and glossary revisions;
- (2) Additional requirements for SPDs with integral thermal links and SPDs with temperature-responsive devices that open during testing;
- (3) Expansion and clarification of requirements for interchangeability of metal oxide varistors (MOVs);
- (4) Clarification of SPD testing matrix;
- (5) Addition of section 59B, Metal Oxide Varistor Voltage;
- (6) Addition of section 59C, Metal Oxide Varistor DC Standby Current; and
- (7) Addition of section 62A, Varistor Voltage.

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: Mitchell Gold, (847) 664-2850, Mitchell.Gold@us.ul.com

BSR/UL 1699-201x, Standard for Safety for Arc-Fault Circuit-Interrupters (Bulletin dated December 4, 2009) (revision of ANSI/UL 1699-2008c)

Covers:

- Cord AFCIs rated 120/240 V constructed with the arc fault protection circuitry integral to the attachment plug, and intended for use with a dedicated load;
- Cord AFCI rating; and
- Power factor values for the short circuit test.

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: Edward Minasian, (631) 546-3305, Edward.D.Minasian@us.ul.com

BSR/UL 1767-201x, Standard for Safety for Early-Suppression Fast-Response Sprinklers (revision of ANSI/UL 1767-2008)

The following changes in requirements are being proposed:

- (1) Revision to scope of standard to reference new sprinkler technology;
- (2) Revision to include ESFR sprinklers having larger K-factors and to require a large-scale fire test under a 20-ft. clearance condition;
- (3) Revision to delete reference to nominal K=11.2 ESFR upright sprinklers;
- (4) Revisions to address dry-type ESFR sprinklers for use in wet systems; and
- (5) Revisions to more closely align text with UL 199, clarify requirements, and update testing details.

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: Raymond Suga, (631) 546-2593, Raymond.M.Suga@us.ul.com

Comment Deadline: February 2, 2010

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

EIA (Electronic Industries Alliance)

Revisions

BSR/EIA 364-25D-201x, Probe Damage Test Procedure for Electrical Connectors (revision of ANSI/EIA 364-25C-2009)

Establishes a test method to be followed for probe damage testing; intended primarily for round socket contacts in electrical connectors.

Single copy price: Free

Obtain an electronic copy from: global@ihs.com

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

Send comments (with copy to BSR) to: Cecelia Yates, (703) 907-8026, cyates@ecaus.org

BSR Z83.24-200x, Standard for Direct Gas-Fired Duct Furnaces (same as CSA 3.20) (new standard)

BSR Z83.27-200x, Standard for Gas-Fired Portable Infrared Heaters (same as CSA 2.23) (new standard)

BSR Z83.28-200x, Standard for Gas-Fired Residential Utility Radiant Tube Heaters (new standard)

BSR Z83.30-200x, American National Standard/CSA Standard for Hand-Held Torches for Use with Fuel Gases (same as CSA 2.29) (new standard)

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 20-201x, Standard for Safety for General-Use Snap Switches (Bulletin dated December 4, 2009) (revision of ANSI/UL 20-2008)

Covers:

- Addition of requirements for flush switch with separable terminal assembly;
- Revision of requirements for terminal plates.

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: Edward Minasian, (631) 546-3305, Edward.D.Minasian@us.ul.com

EIA (Electronic Industries Alliance)

BSR/EIA 364-82B-200x, Corrosivity Test Procedure for Electrical Connector and Socket Housings (revision of ANSI/EIA 364-82A-2005)

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:

CGA (Compressed Gas Association)

BSR/CGA G-5.9-200x, Hydrogen Quality Requirements for Commercial and Fuel Cell Applications (new standard)

CSA (CSA America, Inc.)

BSR Z21.103-200x, Standard for Air/Gas Ratio Control Systems for Use with Gas Fuel Burners and Gas Fuel Burning Appliances (new standard)

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 Rd.
Suite 220
Arlington, VA 22201-4795
Phone: (703) 525-4890, x229

Fax: (703) 276-0793
Web: www.aami.org

ADA (Organization)

American Dental Association

211 E. Chicago Ave
Chicago, IL 60611
Phone: (312) 440-2533
Fax: (312) 440-2529
Web: www.ada.org

AISC

American Institute of Steel
Construction

One East Wacker Drive
Suite 3100
Chicago, IL 60601-2001
Phone: (312) 670-5410
Fax: (312) 644-4226
Web: www.aisc.org

ANSI

American National Standards
Institute

25 West 43rd Street
4th Floor
New York, NY 10036
Phone: (212) 642-4980

APA

APA - The Engineered Wood
Association

7011 South 19th Street
Tacoma, WA 98466
Phone: (253) 620-7467
Fax: (253) 565-7265
Web: www.apawood.org

ASABE

American Society of Agricultural
and Biological Engineers

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

ASC X9

Accredited Standards Committee
X9, Incorporated

1212 West Street, Suite 200
Annapolis, MD 21401
Phone: (410) 267-7707
Fax: (410) 267-0961
Web: www.x9.org

ASME

American Society of Mechanical
Engineers

3 Park Avenue, 20th Floor (20N2)
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

ASTM

ASTM International
100 Barr Harbor Drive
West Conshohocken, PA
19428-2959
Phone: (610) 832-9743
Web: www.astm.org

ATIS

Alliance for Telecommunications
Industry Solutions

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

AWS

American Welding Society

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

AWWA

American Water Works
Association

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

comm2000

1414 Brook Drive
Downers Grove, IL 60515

Global Engineering Documents

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

NEMA (ASC C78)

National Electrical Manufacturers
Association

1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3377
Web: www.nema.org

NSF

NSF International

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

Send comments to:

AAMI

Association for the Advancement
of Medical Instrumentation
(AAMI)

1110 N. Glebe Rd.

Suite 220
Arlington, VA 22201-4795
Phone: (703) 525-4890 x229
Fax: (703) 276-0793
Web: www.aami.org

ADA (Organization)

American Dental Association

211 E. Chicago Ave
Chicago, IL 60611
Phone: (312) 440-2533
Fax: (312) 440-2529
Web: www.ada.org

AISC

American Institute of Steel
Construction

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

APA

APA - The Engineered Wood
Association

7011 South 19th Street
Tacoma, WA 98466
Phone: (253) 620-7467
Fax: (253) 565-7265
Web: www.apawood.org

ASABE

American Society of Agricultural
and Biological Engineers

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

ASC X9

Accredited Standards Committee
X9, Incorporated

1212 West Street, Suite 200
Annapolis, MD 21401
Phone: (410) 267-7707
Fax: (410) 267-0961
Web: www.x9.org

ASME

American Society of Mechanical
Engineers

3 Park Avenue, 20th Floor
New York, NY 10016
Phone: (212) 591-8536
Fax: (212) 591-8501
Web: www.asme.org

ASTM

ASTM International
100 Barr Harbor Drive
West Conshohocken, PA
19428-2959
Phone: (610) 832-9743
Web: www.astm.org

ATIS

Alliance for Telecommunications
Industry Solutions

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

AWS

American Welding Society

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

AWWA

American Water Works
Association

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

EIA

Electronic Industries Alliance

2500 Wilson Boulevard
Suite 310
Arlington, VA 22201
Phone: (703) 907-8026
Fax: (703) 875-8908
Web: www.eia.org

ITI (INCITS)

InterNational Committee for
Information Technology
Standards

1101 K Street NW, Suite 610
Washington, DC 20005
Phone: (202) 626-5741
Fax: (202) 638-4922
Web: www.incits.org

NECA

National Electrical Contractors
Association

3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
Phone: (301) 215-4504
Fax: (301) 215-4500
Web: www.necanet.org

NEMA (ASC C78)

National Electrical Manufacturers
Association

1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3377
Web: www.nema.org

NSF

NSF International

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

UL

Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-2850
Fax: (847) 313-2850
Web: www.ul.com/

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 1110 N. Glebe Rd., Ste 220
Suite 220
Arlington, VA 22201-4795

Contact: *Cliff Bernier*

Phone: (703) 525-4890 x229

Fax: (703) 276-0793

E-mail: CBernier@aami.org

BSR/AAMI RD52-2004/A1-2007 (R201x), Dialysate for hemodialysis - Amendment 1 - Annex C: Special considerations for home hemodialysis (reaffirmation of ANSI/AAMI RD52-2004/A1-2007)

BSR/AAMI RD52-2004/A2-2007 (R201x), Dialysate for hemodialysis - Amendment 2 - Annex D: Self-assessment of compliance with recommendations for dialysate preparation (reaffirmation of ANSI/AAMI RD52-2004/A2-2007)

BSR/AAMI/ISO 7198-2001 (R201x), Cardiovascular implants - Tubular Vascular Prostheses (reaffirmation of ANSI/AAMI/ISO 7198-2001 (R2004))

ASCE (American Society of Civil Engineers)

Office: 1801 Alexander Bell Drive
Reston, VA 20191

Contact: *James Rossberg*

Phone: (703) 295-6196

Fax: (703) 285-6361

E-mail: jrossberg@asce.org

BSR/ASCE xx-x-201x, Design, Operation and Maintenance for Sustainable Civil Infrastructure (new standard)

CEA (Consumer Electronics Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Leslie King*

Phone: (703) 907-4327

Fax: (703) 907-4195

E-mail: lking@CE.org

ANSI/CEA 721.1-1999 (R2004), Generic Common Application Language (Generic CAL) Specification (withdrawal of ANSI/CEA 721.1-1999 (R2004))

ANSI/CEA 721.2-1999 (R2004), Generic CAL Context Description (withdrawal of ANSI/CEA 721.2-1999 (R2004))

ANSI/CEA 721.3-1999 (R2004), Node Application Layer Specification (withdrawal of ANSI/CEA 721.3-1999 (R2004))

ANSI/CEA 721.4-1999 (R2004), Generic Common Application Language Quality of Service (withdrawal of ANSI/CEA 721.4-1999 (R2004))

ISEA (International Safety Equipment Association)

Office: 1901 North Moore Street, Suite 808
Arlington, VA 22209

Contact: *Cristine Fargo*

Phone: (703) 525-1695

Fax: (703) 528-2148

E-mail: cfargo@safetysafetyequipment.org

BSR/ISEA 207-201x, High-Visibility Public Safety Vests (revision of ANSI/ISEA 207-2006)

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

Office: 1101 K Street NW, Suite 610
Washington, DC 20005

Contact: *Serena Patrick*

Phone: (202) 626-5741

Fax: (202) 638-4922

E-mail: spatrick@itic.org; bbennett@itic.org

INCITS/ISO/IEC 15444-1-2004 (R201x), Information technology - JPEG 2000 image coding system - Part 1: Core coding system (reaffirmation of INCITS/ISO/IEC 15444-1-2004)

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.

ASME (American Society of Mechanical Engineers)

Addenda

ANSI/ASME AG-1a-2009, Code on Nuclear Air and Gas Treatment
(addenda to ANSI/ASME AG-1-2009): 11/24/2009

Revisions

ANSI/ASME OM-2009, Operation and Maintenance of Nuclear Power
Plants (revision, redesignation and consolidation of ANSI/ASME
OM-S/G-2007 and ANSI/ASME OM Code-2004): 11/23/2009

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

New Standards

ANSI ASSE A10.47-2009, Work Zone Safety for Highway Construction
(new standard): 11/24/2009

IEEE (Institute of Electrical and Electronics Engineers)

Revisions

ANSI/IEEE 516-2009, Guide for Maintenance Methods on Energized
Power Lines (revision of ANSI/IEEE 516-2003): 11/24/2009

ANSI/IEEE 802.16-2009, Standard for Local and Metropolitan Area
Networks - Part 16: Air Interface for Fixed and Mobile Broadband
Wireless Access Systems (revision of ANSI/IEEE 802.16-2004):
11/24/2009

ANSI/IEEE 1590-2009, Recommended Practice for the Electrical
Protection of Communication Facilities Serving Electric Supply
Locations Using Optical Fiber Systems (revision of ANSI/IEEE
1590-2003): 11/24/2009

Supplements

ANSI/IEEE 802.16j-2009, Standard for Local and Metropolitan Area
Networks - Part 16: Air Interface for Fixed and Mobile Broadband
(supplement to ANSI/IEEE 802.16-2004): 11/24/2009

TIA (Telecommunications Industry Association)

Addenda

ANSI/TIA 222-G-2-2009, Structural Standard for Antenna Supporting
Structures (addenda to ANSI/TIA 222-G-2005): 11/24/2009

Revisions

ANSI/TIA 102.AABC-C-2009, Trunking Control Channel Messages
(revision and redesignation of ANSI/TIA 102.AABC-B-2005):
11/24/2009

Project Initiation Notification System (PINS)

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

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

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

AGA (ASC B109) (American Gas Association)

Office: 400 North Capitol Street NW
Washington, DC 20001

Contact: *Kimberly Denbow*

Fax: (202) 824-9184

E-mail: kdenbow@aga.org

BSR B109.1-201x, Diaphragm-Type Gas Displacement Meters (Under 500 Cubic Feet per Hour Capacity) (revision of ANSI B109.1-2000 (R2008))

Stakeholders: Manufacturers and users (e.g., gas utility).

Project Need: To update the standard as a result of new technical information.

Provides a basic standard for safe operation and substantial and durable construction for diaphragm-type gas displacement meters having a gas flow rating of under 500 cubic feet per hour (14.2m³/h) at 0.5-inch water column (125 Pa) differential pressure at standard conditions. The standard is designed to ensure efficient performance and substantial construction of equipment.

BSR B109.2-201x, Diaphragm-Type Gas Displacement Meters (500 Cubic Feet per Hour Capacity and Over) (revision of ANSI B109.2-2000 (R2008))

Stakeholders: Manufacturers and users (e.g., gas utility).

Project Need: To update the standard as a result of new technical information.

Provides a basic standard for safe operation and substantial and durable construction for diaphragm-type gas-displacement meters having a gas flow rating of 500 cubic feet per hour capacity (14.16 m³/h) and over at 0.5 inch water column (125 Pa) differential pressure at standard conditions. The standard is designed to help ensure efficient performance and substantial construction of equipment.

BSR B109.3-201x, Rotary-Type Gas Displacement Meters (revision of ANSI B109.3-2000 (R2008))

Stakeholders: Manufacturers and users (e.g., gas utility).

Project Need: To update the standard as a result of new technical information.

Provides a basic standard for safe operation, substantial and durable construction, and acceptable performance for rotary-type gas displacement meters.

BSR B109.4-201x, Self-Operated Diaphragm-Type Natural Gas Service Regulators (revision of ANSI B109.4-1998 (R2008))

Stakeholders: Manufacturers and users (e.g., gas utility).

Project Need: To update the standard as a result of new technical information.

Provides a basic standard for the safe and reliable operation, and the substantial and durable construction of self-operated diaphragm-type natural gas service regulators, for nominal pipe size of 1-1/4 inches (32 mm) and smaller with outlet pressure of 14 inches water column (3.48 kpa) and less. The standard is intended to meet the minimum design, material, performance and testing requirements for efficient use of service regulators.

AGMA (American Gear Manufacturers Association)

Office: 500 Montgomery Street, Suite 350
Alexandria, VA 22314-1560

Contact: *Charles Fischer*

Fax: (703) 684-0242

E-mail: fischer@agma.org

BSR/AGMA 1010-F201x, Appearance of Gear Teeth - Terminology of Wear and Failure (revision of ANSI/AGMA 1010-E95 (R2007))

Stakeholders: Manufacturers and users of geared power transmission products.

Project Need: To update the standard to reflect current experience and technology.

Provides nomenclature for general modes of gear tooth wear and failure. This standard classifies, identifies, and describes the most common types of failure and provides information that will, in many cases, enable the user to identify failure modes and evaluate the degree of progression of wear.

AMD (Association of Millwork Distributor)

Office: 10047 Robert Trent Jones Parkway
New Port Richey, FL 34655

Contact: *Jeff Burton*

Fax: (727) 372-2879

E-mail: jburton@amdweb.com

BSR/AMD SHEDS-201x, Testing and Rating of Static Pressure on Side Hinged Exterior Door Systems and Their Components (new standard)

Stakeholders: Side hinged exterior door Industry.

Project Need: To define an industry methodology for SHED component interchangeability for static pressure. The benefits include a streamlined industry component interchange methodology and public transparency to the process.

Provides procedures for testing and establishing ratings for components of side-hinged exterior door systems for the purpose of measuring the components resistance to static pressure. This standard provides a methodology for the static pressure rating of side-hinged exterior door components.

ASC X9 (Accredited Standards Committee X9, Incorporated)

Office: 1212 West Street, Suite 200
Annapolis, MD 21401

Contact: Isabel Bailey

Fax: (410) 267-0961

E-mail: isabel.baileyx9@verizon.net

BSR X9.112-2-201x, Wireless Management and Published Security - Part 2: POS and ATM (new standard)

Stakeholders: Financial services industry.

Project Need: To create a Wireless Management and Security standard by providing minimally acceptable security requirements, policy, practices, and evaluation criteria.

Wireless Technology is providing communication tools for the ubiquitous office and other financial services environments. The currently deployed wireless technology has significant security concerns and issues.

ASCE (American Society of Civil Engineers)

Office: 1801 Alexander Bell Drive
Reston, VA 20191

Contact: James Rossberg

Fax: (703) 285-6361

E-mail: jrossberg@asce.org

BSR/ASCE xx-x-201x, Design, Operation and Maintenance for Sustainable Civil Infrastructure (new standard)

Stakeholders: Engineers; construction; and regulators thereof.

Project Need: To take advantage of the opportunities that exist to advance the principles of sustainability - environment, economic, and social in the design, construction and operation of our infrastructure.

Provides for the integration of sustainability principles in to civil engineering infrastructure public and private projects. The standard will be developed by ASCE with participation from others in the engineering, construction and infrastructure community domestically and worldwide that have an active interest in advancing sustainability. It will provide requirements to incorporate environmental, economic and social considerations and to deliver improved performance in project specification, design, construction and operation. Metrics that can be used to guide projects will be included.

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 WK26471-201x, New Test Method for Displacement Compression of Softball and Baseball Bat Barrels (new standard)

Stakeholders: Sports equipment and facilities industry.

Project Need:
<http://www.astm.org/DATABASE.CART/WORKITEMS/WK26471.htm>

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK26471.htm>

AWWA (American Water Works Association)

Office: 6666 W. Quincy Avenue
Denver, CO 80235

Contact: Paul Olson

Fax: (303) 795-7603

E-mail: polson@awwa.org

BSR/AWWA C210-201x, Liquid-Epoxy Coating Systems for the Interior and Exterior of Steel Water Pipelines (revision of ANSI/AWWA C210-2008)

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

Project Need: To provide the minimum requirements for liquid-epoxy coating systems for the interior and exterior of steel water pipelines, including material, application, inspection, testing, performance requirements, handling, and packaging requirements.

Sets minimum requirements for shop and field applied, liquid epoxy interior linings and exterior coatings used in the water supply industry for steel water pipelines installed underground or underwater, under normal construction conditions.

BSR/AWWA C213-201x, Fusion-Bonded Epoxy Coating for the Interior and Exterior of Steel Water Pipelines (revision of ANSI/AWWA C213-2007)

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

Project Need: To provide the minimum requirements for fusion-bonded epoxy coating for the interior and exterior of steel water pipelines, including materials, application, and testing.

Describes the material and application requirements for fusion-bonded epoxy coatings for the interior and exterior of steel water pipe, special sections, welded joints, connections, and fittings for steel water pipelines installed underground or underwater.

BSR/AWWA C214-201x, Tape Coating Systems for the Exterior of Steel Water Pipelines (revision of ANSI/AWWA C214-2007)

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

Project Need: To provide the minimum performance requirements for tape coating systems for the exterior of steel water pipelines, including system components, application, inspection, testing, and marking and packaging requirements.

Describes the materials and application of tape-coating systems in coating plants at fixed sites using coating techniques and equipment as recommended by the tape coating manufacturer.

BSR/AWWA C216-201x, Heat-Shrinkable Cross-Linked Polyolefin Coatings for the Exterior of Special Sections, Connections, and Fittings for Steel Water Pipelines (revision of ANSI/AWWA C216-2007)

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

Project Need: To provide the minimum requirements for heat-shrinkable coatings, including material, application, inspection, testing, marking, and packaging.

Describes the material, application, and field-procedure requirements for protective exterior coatings consisting of heat-shrinkable, cross-linked polyolefin coatings. ANSI/AWWA C216 also describes the application of protective exterior coatings to special sections, connections, and fittings to be used in underground and underwater steel water pipelines.

BSR/AWWA C221-201x, Fabricated Steel Mechanical Slip-Type Expansion Joints (revision of ANSI/AWWA C221-2007)

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

Project Need: To provide purchasers, manufacturers, and constructors with the minimum requirements for fabricated steel mechanical slip-type expansion joints, including system components, testing, and marking requirements.

Describes fabricated steel mechanical slip-type expansion joints having packing chambers for use on pipe with plain, flanged, grooved, or shouldered ends in nominal pipe sizes from 3 in. through 144 in. (75 mm through 3,600 mm).

BSR/AWWA C225-201x, Fused Polyolefin Coating Systems for the Exterior of Steel Water Pipelines (revision of ANSI/AWWA C225-2008)

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

Project Need: To provide minimum performance requirements for fused polyolefin coating systems for the exterior of steel water pipelines, including system components, application, inspection, testing, marking, and packaging requirements.

Describes the materials and application of fused polyolefin coating systems for buried service. This system is applied in pipe coating plants, both portable and fixed, using coating techniques and equipment as recommended by the manufacturer. Normally, these prefabricated, polyolefin coatings are applied as a three-layer system consisting of (1) a liquid adhesive, (2) a corrosion-protection inner layer, and (3) a mechanical-protection outer layer.

CEA (Consumer Electronics Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Leslie King*

Fax: (703) 907-4195

E-mail: lking@CE.org

ANSI/CEA 721.1-1999 (R2004), Generic Common Application Language (Generic CAL) Specification (withdrawal of ANSI/CEA 721.1-1999 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA-721.1 R-2004.

Describes the basic framework of Generic CAL.

ANSI/CEA 721.2-1999 (R2004), Generic CAL Context Description (withdrawal of ANSI/CEA 721.2-1999 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA-721.2 R-2004.

Describes the contexts, or main subsystems within a device, supported by the Generic Common Application Language (Generic CAL).

ANSI/CEA 721.3-1999 (R2004), Node Application Layer Specification (withdrawal of ANSI/CEA 721.3-1999 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA-721.3 R-2004.

Consists of four main elements. The application process is the interface to the application layer.

ANSI/CEA 721.4-1999 (R2004), Generic Common Application Language Quality of Service (withdrawal of ANSI/CEA 721.4-1999 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA-721.4 R-2004.

Consists of an application layer containing a command language and a message transfer service element.

CSA (CSA America, Inc.)

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

Contact: *Cathy Rake*

Fax: (216) 520-8979

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

BSR Z21.90-201x, American National Standard/CSA Standard for Gas Convenience Outlets And Optional Enclosures (same as CSA 6.24) (revision, redesignation and consolidation of ANSI Z21.90-2001 (R2006), ANSI Z21.90a-2003, and ANSI Z21.90b-2006)

Stakeholders: Consumers; manufacturers; gas suppliers; and certifying agencies.

Project Need: To revise this Standard for Safety.

Details test and examination criteria for gas convenience outlets and optional enclosures, capable of operation at ambient temperatures between 32 F and 200 F (0 C and 93.3 C) if intended for Indoor Use Only, or between -20 F and 200 F (-28.8 C and 93.3 C), if intended for indoor/outdoor use, and at pressures not in excess of 5 psig (34.5 kPa).

FM (FM Approvals)

Office: 1151 Boston-Providence Turnpike
Norwood, MA 2062

Contact: *Josephine Mahnken*

Fax: (781) 762-9375

E-mail: josephine.mahnken@fmglobal.com

BSR/FM 4881-201x, Exterior Wall Systems (new standard)

Stakeholders: Building code officials; manufacturers; architects; consultants; loss prevention engineers.

Project Need: To determine the performance of exterior wall systems to reject natural hazards such rain, wind, hail, water infiltration and other deleterious affects caused from everyday exposure to heat, cold, building movement, and sunlight.

Sets performance requirements for exterior wall systems by evaluating the ability of these products to limit fire propagation over and/or through the assembly when exposed to an ignition source simulating a building fire. The standard also sets the performance requirements for exterior wall panels when exposed to various natural hazards such as the cyclic nature of high wind events, the impact of simulated hail and where required, the impact of windborne debris during hurricanes, tropical cyclones and typhoons.

IICRC (Institute of Inspection, Cleaning and Restoration Certification)

Office: 2715 E. Mill Plain Boulevard
Vancouver, WA 98661

Contact: Larry Cooper

Fax: (303) 469-6749

E-mail: textilecon@aol.com

BSR/IICRC S500-201x, Standard and Reference Guide for Professional Water Damage (revision of ANSI/IICRC S500-2006)

Stakeholders: Restoration companies and workers; others who investigate or assess abnormal water intrusion.

Project Need: S500 was approved by ANSI in 2006. This is an update to the document to keep it current.

The S500 is a procedural standard when performing water damage restoration in residential, commercial, and institutional buildings, and the systems and personal property contents of those structures. The current update include:

- Principles of water damage restoration;
- Building and material science;
- Psychrometry;
- Safety and health;
- Administrative procedures, project documentation, and risk management;
- Inspections, preliminary determinations and pre-restoration evaluations;
- Limitations, complexities, complications, and conflicts;
- Specialized experts;
- Structural restoration;
- HVAC restoration;
- Contents evaluation and restoration; and
- Large or catastrophic restoration projects.

ISEA (International Safety Equipment Association)

Office: 1901 North Moore Street, Suite 808
Arlington, VA 22209

Contact: Cristine Fargo

Fax: (703) 528-2148

E-mail: cfargo@safetysafetyequipment.org

BSR/ISEA 207-201x, High-Visibility Public Safety Vests (revision of ANSI/ISEA 207-2006)

Stakeholders: Public safety sector personnel including EMTs, police and fire, traffic control officers; safety department specifiers.

Project Need: To revise the existing standard to reflect current end-user applications, technologies, test methods, and product offerings.

Specifies performance requirements for high-visibility vests for use by public safety workers. Performance requirements are included for color, retroreflection, and minimum areas, as well as the suggested configuration of highly visible materials used in the construction of high-visibility public safety vests. Test methods are provided in the standard to ensure that a minimum level of visibility is maintained when items are subjected to ongoing care procedures.

NETA (InterNational Electrical Testing Association)

Office: 3050 Old Centre Ave., Suite 102
Portage, MI 49024

Contact: Kristen Schmidt

Fax: (269) 488-6383

E-mail: kschmidt@netaworld.org

BSR/NETA MTS-2011, ANSI/NETA Standard for Maintenance Testing Specifications for Electrical Power Equipment and Systems (revision of ANSI/NETA MTS-2007)

Stakeholders: Large industry, healthcare, and institution maintenance departments; P&C insurance underwriters.

Project Need: To outline the tests needed for continued operation of existing electrical systems and equipment.

Covers the suggested field tests and inspections that are available to assess the suitability for continued service and reliability of electrical power distribution equipment and systems. The purpose of these specifications is to assure that tested electrical equipment and systems are operational, are within applicable standards and manufacturer's tolerances, and are suitable for continued service.

SVIA (Specialty Vehicle Institute of America)

Office: 2 Jenner, Suite 150
Suite 150
Irvine, CA 92618-3806

Contact: Thomas A. Yager

Fax: (949) 727-4216

E-mail: tyager@svia.org

BSR/SVIA 1-201x, Four Wheel All-Terrain Vehicles - Equipment, Configuration, and Performance Requirements (revision of ANSI/SVIA 1-2007)

Stakeholders: Manufacturers/distributors/importers, consumers, and regulators.

Project Need: To update the existing standard where needed and comply with ANSI Essential Requirements.

Addresses design, configuration, and performance aspects of ATVs, including, among other items:

- Requirements for mechanical suspension;
- Throttle, clutch and gearshift controls;
- Engine and fuel cutoff devices;
- Lighting;
- Tires;
- Operator foot environment;
- Service and parking brake/parking mechanism performance; and
- Pitch stability.

Additional areas covered in this standard include:

- Defining Type I and Type II ATVs;
- Youth and T category ATVs;
- Requirements for Type II ATVs;
- Requirements for labels, owner's manuals, and hang tags; and
- A compliance certification label.

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Drive
Research Triangle Park, NC 27709-3995

Contact: Katie Burdett

Fax: (919) 547-6177

E-mail: Katie.Burdett@ulenvironment.com

BSR/ULE WK91204-200x, Standard for Sustainability for Roofing Systems and Materials (new standard)

Stakeholders: Roofing-related product manufacturers; building product retailers; building owners and operators.

Project Need: To assist manufacturers and consumers in identifying environmentally preferable roofing systems and materials.

Establishes environmental requirements for roofing systems and materials, other than single-ply and green roofing applications. The product environmental criteria in this standard were developed based on the life-cycle stages of the associated products.

American National Standards Maintained Under Continuous Maintenance

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

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

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

- AAMI
- AAMVA
- AGA
- AGRSS, Inc.
- ASC X9
- ASHRAE
- ASME
- ASTM
- GEIA
- HL7
- MHI (ASC MH10)
- NBBPVI
- NCPDP
- NISO
- NSF
- TIA
- Underwriters Laboratories, Inc. (UL)

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

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

ISO and IEC Draft International Standards



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

Comments

Comments regarding ISO documents should be sent to Henrietta Scully at ANSI's New York offices, those regarding IEC documents to Charles T. Zegers, also at ANSI New York offices. The final date for offering comments is listed after each draft.

Ordering Instructions

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

ISO Standards

ACOUSTICS (TC 43)

ISO/DIS 3382-3, Acoustics - Measurement of room acoustic parameters - Part 3: Open plan spaces - 2/25/2010, \$58.00

BUILDING CONSTRUCTION (TC 59)

ISO/DIS 21542, Building construction - Accessibility and usability of the built environment - 2/25/2010, \$175.00

CLEANING EQUIPMENT FOR AIR AND OTHER GASES (TC 142)

ISO/DIS 29464, Cleaning equipment for air and other gases - Terminology - 2/26/2010, \$71.00

CLINICAL LABORATORY TESTING AND IN VITRO DIAGNOSTIC TEST SYSTEMS (TC 212)

ISO/DIS 23640, In vitro diagnostic medical devices - Stability testing of in vitro diagnostic reagents - 2/25/2010, \$53.00

CORROSION OF METALS AND ALLOYS (TC 156)

ISO/DIS 8565, Metals and alloys - Atmospheric corrosion testing - General requirements - 2/25/2010, \$58.00

ISO/DIS 9223, Corrosion of metals and alloys - Corrosivity of atmospheres - Classification, determination and estimation - 2/26/2010, \$67.00

ISO/DIS 9224, Corrosion of metals and alloys - Corrosivity of atmospheres - Guiding values for the corrosivity categories - 2/26/2010, \$58.00

ISO/DIS 9225, Corrosion of metals and alloys - Corrosivity of atmospheres - Measurement of environmental parameters affecting corrosivity of atmospheres - 2/26/2010, \$77.00

ISO/DIS 9226, Corrosion of metals and alloys - Corrosivity of atmospheres - Determination of corrosion rate of standard specimens for the evaluation of corrosivity - 2/26/2010, \$40.00

ERGONOMICS (TC 159)

ISO/DIS 28802, Ergonomics of the physical environment - Assessment by means of an environmental survey involving physical measurement of the environment and subjective responses of people - 2/25/2010, \$82.00

FERROUS METAL PIPES AND METALLIC FITTINGS (TC 5)

ISO/DIS 7186, Ductile iron products for sewage applications - 2/26/2010, \$107.00

FLUID POWER SYSTEMS (TC 131)

ISO/DIS 16589-1, Rotary shaft lip-type seals incorporating thermoplastic sealing elements - Part 1: Nominal dimensions and tolerances - 2/26/2010, \$62.00

ISO/DIS 16589-3, Rotary shaft lip-type seals incorporating thermoplastic sealing elements - Part 3: Storage, handling and installation - 2/26/2010, \$53.00

ISO/DIS 16589-4, Rotary shaft lip-type seals incorporating thermoplastic sealing elements - Part 4: Performance test procedures - 2/26/2010, \$62.00

ISO/DIS 16589-5, Rotary shaft lip-type seals incorporating thermoplastic sealing elements - Part 5: Identification of visual imperfections - 2/26/2010, \$67.00

GAS CYLINDERS (TC 58)

ISO/DIS 11118, Gas cylinders - Non-refillable metallic gas cylinders - Specification and test methods - 2/25/2010, \$88.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO/DIS 19149, Geographic information - Rights expression language for geographic information - GeoREL - 2/26/2010, \$112.00

SAFETY DEVICES FOR PROTECTION AGAINST EXCESSIVE PRESSURE (TC 185)

ISO/DIS 4126-5, Safety devices for protection against excessive pressure - Part 5: Controlled safety pressure-relief systems (CSPRS) - 2/25/2010, \$82.00

TIMBER (TC 218)

ISO/DIS 13059, Round timber - Requirements for the measurement of dimensions and methods for the determination of volume - 2/22/2010, \$46.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 11681-1, Machinery for forestry - Portable chain-saw safety requirements and testing - Part 1: Chain-saws for forest service - 2/25/2010, \$88.00

ISO/DIS 11681-2, Machinery for forestry - Portable chain-saw safety requirements and testing - Part 2: Chain-saws for tree service - 2/25/2010, \$98.00

ISO/DIS 11783-4, Tractors and machinery for agriculture and forestry - Serial control and communications data network - Part 4: Network layer - 2/26/2010, \$77.00

TYRES, RIMS AND VALVES (TC 31)

ISO/DIS 9413, Tyre valves - Dimensions and designation - 2/25/2010, \$165.00

IEC Standards

48B/2092/FDIS, IEC 60603-7-41 Ed 1.0: Connectors for electronic equipment - Part 7-41: Detail specification for 8-way, unshielded, free and fixed connectors, for data transmission with frequencies up to 500 MHz, 2010/1/29

48B/2093/FDIS, IEC 60603-7-51 Ed 1.0: Connectors for electronic equipment - Part 7-51: Detail specification for 8-way, shielded, free and fixed connectors, for data transmission with frequencies up to 500 MHz, 2010/1/29

59/546/FDIS, IEC 60704-1 Ed 3.0: Household and similar electrical appliances - Test code for the determination of airborne noise - Part 1: General requirements, 2010/1/29

61C/459/FDIS, IEC 60335-2-24 Ed 7.0: Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers, 2010/1/29

61C/460/FDIS, IEC 60335-2-89 Ed 2.0: Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor, 2010/1/29

65C/583/FDIS, IEC 62439 series: Industrial communication networks: High availability automation networks, 2010/1/29

72/789/FDIS, IEC 60730-1 Ed 4.0: Automatic electrical controls for household and similar use - Part 1: General requirements, 2010/1/29

2/1583/FDIS, IEC 60034-18-1 Ed.2: Rotating electrical machines - Part 18-1: Functional evaluation of insulation systems - General guidelines, 2010/1/22

31G/202/FDIS, IEC 60079-25 Ed. 2.0: Explosive atmospheres - Part 25: Intrinsically safe electrical systems, 2010/1/22

34A/1372/FDIS, Amendment 2 to IEC 61549, Ed. 2: Miscellaneous lamps, 2010/1/22

59D/358/FDIS, IEC 60456 Ed 5.0: Clothes washing machines for household use - Methods for measuring the performance, 2010/1/22

Newly Published ISO and IEC Standards



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

ISO Standards

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 26870:2009, Space systems - Launch pad and integration site operational documents, \$86.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO 24153:2009, Random sampling and randomization procedures, \$122.00

COMPRESSORS, PNEUMATIC TOOLS AND PNEUMATIC MACHINES (TC 118)

ISO 12500-4:2009, Filters for compressed air - Methods of test - Part 4: Water, \$57.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO/PAS 12868:2009, Geometrical product specification (GPS) - Coordinate measuring machines (CMM): Testing the performance of CMMs using single-stylus contacting probing systems, \$57.00

ISO 3040:2009, Geometrical product specifications (GPS) - Dimensioning and tolerancing - Cones, \$73.00

ISO 10360-2:2009, Geometrical product specifications (GPS) - Acceptance and reverification tests for coordinate measuring machines (CMM) - Part 2: CMMs used for measuring linear dimensions, \$116.00

FLUID POWER SYSTEMS (TC 131)

ISO 6194-3:2009, Rotary shaft lip-type seals incorporating elastomeric sealing elements - Part 3: Storage, handling and installation, \$65.00

HEALTH INFORMATICS (TC 215)

ISO/HL7 27932:2009, Data Exchange Standards - HL7 Clinical Document Architecture, Release 2, \$235.00

INDUSTRIAL TRUCKS (TC 110)

ISO 22915-4:2009, Industrial trucks - Verification of stability - Part 4: Pallet stackers, double stackers and order-picking trucks with operator position elevating up to and including 1 200 mm lift height, \$57.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO 16245:2009, Information and documentation - Boxes, file covers and other enclosures, made from cellulosic materials, for storage of paper and parchment documents, \$57.00

INTERNAL COMBUSTION ENGINES (TC 70)

ISO 3046-4:2009, Reciprocating internal combustion engines - Performance - Part 4: Speed governing, \$92.00

MACHINE TOOLS (TC 39)

ISO 369:2009, Machine tools - Symbols for indications appearing on machine tools, \$167.00

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

ISO 15136-1:2009, Petroleum and natural gas industries - Progressing cavity pump systems for artificial lift - Part 1: Pumps, \$206.00

OTHER

ISO 11664-5:2009, Colorimetry - Part 5: CIE 1976 L*u*v* Colour space and u, v uniform chromaticity scale diagram, \$57.00

PHOTOGRAPHY (TC 42)

ISO 5-1:2009, Photography and graphic technology - Density measurements - Part 1: Geometry and functional notation, \$86.00

ISO 5-2:2009, Photography and graphic technology - Density measurements - Part 2: Geometric conditions for transmittance density, \$80.00

ISO 5-3:2009, Photography and graphic technology - Density measurements - Part 3: Spectral conditions, \$141.00

ISO 5-4:2009, Photography and graphic technology - Density measurements - Part 4: Geometric conditions for reflection density, \$86.00

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

ISO 22391-1:2009, Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 1: General, \$65.00

ISO 22391-2:2009, Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 2: Pipes, \$80.00

ISO 22391-3:2009, Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 3: Fittings, \$80.00

ISO 22391-5:2009, Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 5: Fitness for purpose of the system, \$57.00

PLASTICS (TC 61)

ISO 1926:2009, Rigid cellular plastics - Determination of tensile properties, \$57.00

ISO 6721-12:2009, Plastics - Determination of dynamic mechanical properties - Part 12: Compressive vibration - Non-resonance method, \$57.00

QUANTITIES, UNITS, SYMBOLS, CONVERSION FACTORS (TC 12)

ISO 80000-1:2009, Quantities and units - Part 1: General, \$141.00

ISO 80000-2:2009, Quantities and units - Part 2: Mathematical signs and symbols to be used in the natural sciences and technology, \$135.00

ISO 80000-10:2009, Quantities and units - Part 10: Atomic and nuclear physics, \$167.00

ROAD VEHICLES (TC 22)

ISO 10924-1:2009, Road vehicles - Circuit breakers - Part 1: Definitions and general test requirements, \$86.00

ISO 10924-4:2009, Road vehicles - Circuit breakers - Part 4: Medium circuit breakers with tabs (Blade type), Form CB15, \$80.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO 639-6:2009, Codes for the representation of names of languages - Part 6: Alpha-4 code for comprehensive coverage of language variants, \$86.00

TEXTILES (TC 38)

ISO 1833-1/Cor1:2009, Textiles - Quantitative chemical analysis - Part 1: General principles of testing - Corrigendum, FREE

ISO 2062:2009, Textiles - Yarns from packages - Determination of single-end breaking force and elongation at break using constant rate of extension (CRE) tester, \$65.00

ISO 10325:2009, Fibre ropes - High modulus polyethylene - 8-strand braided ropes, 12-strand braided ropes and covered ropes, \$49.00

ISO 10547:2009, Polyester fibre ropes - Double braid construction, \$43.00

ISO 10554:2009, Polyamide fibre ropes - Double braid construction, \$43.00

ISO 10556:2009, Fibre ropes of polyester/polyolefin dual fibres, \$49.00

ISO 10572:2009, Mixed polyolefin fibre ropes, \$57.00

THERMAL INSULATION (TC 163)

ISO 10456/Cor1:2009, Thermal insulation - Building materials and products - Determination of declared and design thermal values - Corrigendum, FREE

ISO Guides

OTHER

ISO Guide 34:2009, General requirements for the competence of reference material producers, \$129.00

ISO Technical Reports

DOCUMENT IMAGING APPLICATIONS (TC 171)

ISO/TR 12033:2009, Document management - Electronic imaging - Guidance for the selection of document image compression methods, \$86.00

HEALTH INFORMATICS (TC 215)

ISO/TR 11636:2009, Health Informatics - Dynamic on-demand virtual private network for health information infrastructure, \$167.00

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

ISO/TR 13624-2:2009, Petroleum and natural gas industries - Drilling and production equipment - Part 2: Deepwater drilling riser methodologies, operations, and integrity technical report, \$193.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/TR 29662:2009, Petroleum products and other liquids - Guidance for flash point testing, \$73.00

ISO Technical Specifications

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/TS 27105:2009, Milk and milk products - Determination of hens egg white lysozyme by HPLC, \$65.00

ISO/TS 27106:2009, Cheese - Determination of nisin A content by LC-MS and LC-MS-MS, \$65.00

HEALTH INFORMATICS (TC 215)

ISO/TS 22600-3:2009, Health informatics - Privilege management and access control - Part 3: Implementations, \$167.00

ISO/TS 27790:2009, Health informatics - Document registry framework, \$110.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 9541-4/Cor1:2009, Information technology - Font information interchange - Part 4: Harmonization to Open Font Format - Corrigendum, FREE

ISO/IEC 13156:2009, Information technology - Telecommunications and information exchange between systems - High rate 60 GHz PHY, MAC and HDMI PAL, \$292.00

ISO/IEC 13560:2009, Information technology - Telecommunications and information exchange between systems - Procedure for the registration of assigned numbers for ISO/IEC 26907 and ISO/IEC 26908, \$43.00

ISO/IEC 14496-3/Amd1:2009, Information technology - Coding of audio-visual objects - Part 3: Audio - Amendment 1: HD-AAC profile and MPEG Surround signaling, \$16.00

ISO/IEC 19794-7/Cor1:2009, Information technology - Biometric data interchange formats - Part 7: Signature/sign time series data - Corrigendum, FREE

ISO/IEC 20926:2009, Software and systems engineering - Software measurement - IFPUG functional size measurement method 2009, \$110.00

ISO/IEC 26907:2009, Information technology - Telecommunications and information exchange between systems - High-rate ultra-wideband PHY and MAC standard, \$292.00

ISO/IEC 26908:2009, Information technology - Telecommunications and information exchange between systems - MAC-PHY interface for ISO/IEC 26907, \$149.00

ISO/IEC 29141:2009, Information technology - Biometrics - Tenprint capture using biometric application programming interface (BioAPI), \$110.00

IEC Standards

ELECTRIC CABLES (TC 20)

IEC 60502-1 Ed. 2.1 b:2009, Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) - Part 1: Cables for rated voltages of 1 kV (Um = 1,2 kV) and 3 kV (Um = 3,6 kV), \$230.00

ELECTRICAL ACCESSORIES (TC 23)

IEC/TR 61916 Ed. 2.0 b:2009, Electrical accessories - Harmonization of general rules, \$117.00

IEC 62423 Ed. 2.0 b:2009, Type F and type B residual current operated circuit-breakers with and without integral overcurrent protection for household and similar uses, \$158.00

ELECTRICAL INSTALLATIONS OF SHIPS AND OF MOBILE AND FIXED OFFSHORE UNITS (TC 18)

IEC 60092-306 Ed. 4.0 en:2009, Electrical installations in ships - Part 306: Equipment - Luminaires and lighting accessories, \$97.00

ELECTROMAGNETIC COMPATIBILITY (TC 77)

IEC 61000-4-34 Ed. 1.1 b:2009, Electromagnetic compatibility (EMC) - Part 4-34: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 A per phase, \$163.00

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

IEC 60917-1 Ed. 1.1 b:2009, Modular order for the development of mechanical structures for electronic equipment practices - Part 1: Generic standard, \$133.00

EVALUATION AND QUALIFICATION OF ELECTRICAL INSULATING MATERIALS AND SYSTEMS (TC 112)

IEC 60587 Ed. 3.0 b:2009, Electrical insulating materials used under severe ambient conditions - Test methods for evaluating resistance to tracking and erosion, \$66.00

FIBRE OPTICS (TC 86)

IEC 61280-1-4 Ed. 2.0 b:2009, Fibre optic communication subsystem test procedures - Part 1-4: General communication subsystems - Light source encircled flux measurement method, \$158.00

IEC 61300-3-35 Ed. 1.0 en:2009, Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-35: Examinations and measurements - Fibre optic connector endface visual and automated inspection, \$107.00

IEC 61978-1 Ed. 2.0 b:2009, Fibre optic interconnecting devices and passive components - Fibre optic passive chromatic dispersion compensators - Part 1: Generic specification, \$128.00

IEC 62150-4 Ed. 1.0 en:2009, Fibre optic active components and devices - Test and measurement procedures - Part 4: Relative intensity noise using a time-domain optical detection system, \$66.00

FIRE HAZARD TESTING (TC 89)

IEC 60695-1-10 Ed. 1.0 b:2009, Fire hazard testing - Part 1-10: Guidance for assessing the fire hazard of electrotechnical products - General guidelines, \$87.00

FLAT PANEL DISPLAY DEVICES (TC 110)

IEC 61988-5 Ed. 1.0 b:2009, Plasma display panels - Part 5: Generic specification, \$117.00

IEC 62341-5 Ed. 1.0 b:2009, Organic light emitting diode (OLED) displays - Part 5: Environmental testing methods, \$66.00

MAGNETIC ALLOYS AND STEELS (TC 68)

IEC 60404-3 Amd.2 Ed. 2.0 b:2009, Amendment 2 - Magnetic materials - Part 3: Methods of measurement of the magnetic properties of electrical steel strip and sheet by means of a single sheet tester, \$36.00

PERFORMANCE OF HOUSEHOLD ELECTRICAL APPLIANCES (TC 59)

IEC 60436 Ed. 3.1 en:2009, Electric dishwashers for household use - Methods for measuring the performance, \$265.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

IEC 60335-2-30 Ed. 5.0 en:2009, Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters, \$128.00

IEC 60335-2-59 Ed. 3.2 b:2009, Household and similar electrical appliances - Safety - Part 2-59: Particular requirements for insect killers, \$112.00

IEC 60335-2-73 Ed. 2.2 b:2009, Household and similar electrical appliances - Safety - Part 2-73: Particular requirements for fixed immersion heaters, \$66.00

IEC 60335-2-74 Ed. 2.2 b:2009, Household and similar electrical appliances - Safety - Part 2-74: Particular requirements for portable immersion heaters, \$66.00

SECONDARY CELLS AND BATTERIES (TC 21)

IEC/TR 62540 Ed. 1.0 en:2009, Radio frequency identification (RFID) for stationary lead acid cells and monoblocs - Tentative requirements, \$107.00

SEMICONDUCTOR DEVICES (TC 47)

IEC 60191-6 Ed. 3.0 b:2009, Mechanical standardization of semiconductor devices - Part 6: General rules for the preparation of outline drawings of surface mounted semiconductor device packages, \$158.00

IEC 60747-1 Ed. 2.0 b:2006, Semiconductor devices - Part 1: General, \$179.00

IEC 60747-5-2 Ed. 1.1 b:2009, Discrete semiconductor devices and integrated circuits - Part 5-2: Optoelectronic devices - Essential ratings and characteristics, \$163.00

IEC 60747-5-3 Ed. 1.1 b:2009, Discrete semiconductor devices and integrated circuits - Part 5-3: Optoelectronic devices - Measuring methods, \$204.00

SWITCHGEAR AND CONTROLGEAR (TC 17)

IEC/TR 62271-305 Ed. 1.0 en:2009, High-voltage switchgear and controlgear - Part 305: Capacitive current switching capability of air-insulated disconnectors for rated voltages above 52 kV, \$87.00

IEC 62026-2 Ed. 2.0 b:2008, Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 2: Actuator sensor interface (AS-i), \$291.00

IEC 62026-3 Ed. 2.0 b:2008, Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 3: DeviceNet, \$270.00

TOOLS FOR LIVE WORKING (TC 78)

IEC 61243-3 Ed. 2.0 b:2009, Live working - Voltage detectors - Part 3:
Two-pole low-voltage type, \$235.00

IEC Technical Specifications

POWER ELECTRONICS (TC 22)

IEC/TS 62578 Ed. 1.0 en:2009, Power electronics systems and
equipment - Operation conditions and characteristics of active
infeed converter applications, \$235.00

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations issued by Member countries of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), Members are required to report proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat disseminates the information to all WTO Members. The purpose of this requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology

(NIST), distributes these proposed foreign technical regulations to U.S. stakeholders via an online service, Notify U.S. Notify U.S. is an e-mail and Web service that allows interested U.S. parties to register, obtain notifications, and read full texts of regulations from countries and for industry sectors of interest to them. To register for Notify U.S., please go to Internet URL: <http://www.nist.gov/notifyus/> and click on "Subscribe".

NCSCI is the WTO TBT Inquiry Point for the U.S. and receives all notifications and full texts of regulations to disseminate to U.S. Industry. For further information, please contact: NCSCI, NIST, 100 Bureau Drive, Gaithersburg, MD 20899-2160; Telephone: (301) 975-4040; Fax: (301) 926-1559; E-mail: ncsci@nist.gov or notifyus@nist.gov.

Information Concerning

American National Standards

INCITS Executive Board

ANSI Accredited SDO and US TAG to ISO/IEC JTC 1, Information Technology

The InterNational Committee for Information Technology Standards (INCITS), an ANSI accredited SDO, is the forum for information technology developers, producers and users to create and maintain formal de jure IT standards. INCITS' mission is to promote the effective use of Information and Communication Technology through standardization in a way that balances the interests of all stakeholders and increases the global competitiveness of the member organizations.

The INCITS Executive Board serves as the consensus body with its oversight of programs of its 30+ Technical Committees. Additionally, the INCITS Executive Board exercises international leadership in its role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

The INCITS Executive Board seeks to broaden its membership base and is recruiting new participants in all membership categories:

- special interest (user, academic, consortia)
- non-business (government and major/minor SDOs)
- business (large/small businesses and consultants)

Membership in the INCITS Executive Board is open to all directly and materially affected parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, please contact Jennifer Garner at 202-626-5737 or jgarner@itic.org.

ANSI Accredited Standards Developers

Announcement of Public Comment Period

Operating Procedures of the GHG Validation / Verification Body Accreditation Committee (GVAC), GHG-PL-703

Comment Deadline: January 31, 2010

On October 26, 2009, the GHG Validation/Verification Body Accreditation Committee approved the Operating Procedures of the GHG Validation / Verification Body Accreditation Committee (GVAC), GHG-PL-703. The policy is now open for public comment for a 60-day period.

GHG-PL-703 is now available on the ANSI website for public review and comment. [Click here](#) to access the draft policy.

Comments are due on or before January 31, 2010. Please submit comments in Word format via e-mail to Ann Bowles, Senior Manager of the GHG Program, at abowles@ansi.org.

The final version shall be sent to ANSI's Conformity Assessment Policy Committee (CAPC) for approval.

International Organization for Standardization (ISO)

Calls for US TAG Administrators

ISO/PC 248 – Sustainability criteria for bioenergy

The ISO Technical Management board has created a new ISO Project Committee on sustainability criteria for bioenergy (ISO/PC 248). The secretariat has been assigned to Germany and Brazil. The new project committee has the following scope:

Standardization in the field of sustainability criteria for production, supply chain and application of bioenergy. This includes terminology and aspects related to the sustainability (e.g. environmental, social and economic) of bioenergy.

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact Rachel Howenstine at ANSI at rhowenstine@ansi.org.

ISO/TC 249 – Traditional Chinese Medicine

The ISO Technical Management board has created a new ISO Technical Committee on traditional Chinese medicine (ISO/TC 249). The secretariat has been assigned to SAC. The new project committee has the following scope:

Standardization in the field of traditional Chinese medicine

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact Rachel Howenstine at ANSI at rhowenstine@ansi.org.

ISO/PC 250 – Sustainability in Event Management

The ISO Technical Management board has created a new ISO Project Committee on sustainability in event management (ISO/PC 250). The secretariat has been assigned to BSI and ABNT. The new project committee has the following scope:

Standardization in the field of sustainability in event management

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact Rachel Howenstine at ANSI at rhowenstine@ansi.org.

BSR/NECA 200-201x Technical Changes

7.5 Assured Equipment Grounding Conductor Program

For receptacles other than 125-volt, single-phase, 15-, 20-, and 30-ampere that are not protected by ground-fault circuit interrupter protection in accordance NEC 590.6(B)(1), an assured equipment grounding conductor program in accordance with NEC 590.6(B)(2) shall be implemented and enforced at the site.

9.5 Underground Conductors

Mark all underground feeders, and underground branch circuits operating at more than 120 volts to ground with a warning ribbon placed at least 12 inches above the conductors. Cables used for underground feeders and branch circuits should be listed for direct burial if in direct contact with the earth.

5.2.4 Selective Coordination

When temporary power is supplied from an essential system in a health care facility, the overcurrent devices for the temporary system must be selectively coordinated with all upstream overcurrent devices.

10.3 Enclosures and Covers

Provide enclosures suitable for the environment in which the receptacles are located. All 15- and 20-ampere, 125- and 250-volt, non-locking receptacles located in damp or wet locations shall have covers that are weatherproof when a plug is plugged into the receptacle. These receptacles must be listed as weather-resistant types.

5.2.2 Supply methods

(c) Bus Tap

Where space is not available in existing switchgear for an additional circuit breaker or fused switch, tap a temporary feed from the existing switchgear bus using a listed bus tap kit. A temporary fused safety switch can then be installed on or adjacent to the switchgear. Install the safety switch and bus

tap as follows:

- (1) Install a heavy-duty fused safety switch with equipment grounding terminal. The safety switch should have the appropriate voltage class, current and horsepower rating, number of poles, and enclosure suitable for the installation. Insert overcurrent protection in ungrounded circuit conductors as required. Provide a solid neutral for systems requiring a neutral.

(4) Tap conductor circuits must meet the applicable requirements in NEC 240.21 and include an equipment grounding conductor(s) in accordance with 250.122.

8.1.2 Protection from the elements

When possible, locate temporary construction power equipment where it will be protected from the elements. If equipment must be installed outdoors in an unprotected area, install equipment that is suitable for the location and install protective covers or canopies over distribution equipment to minimize solar heating, exposure to water, and snow/ice accumulation.

Tracking number 50i32r5
© 2009 NSF International

Revision to NSF/ANSI 50 – 2009a
Issue 32, Draft 5 (November 2009)

This document is part of the NSF Standards process and is for NSF Committee use only. It shall not be reproduced or circulated or quoted, in whole or in part, outside of NSF activities except with the approval of NSF.

NSF/ANSI 50

Equipment for Swimming Pools, Spas, Hot Tubs and other Recreational Water Facilities

Evaluation criteria for materials, components, products, equipment and systems for use at recreational water facilities

-
-
-

11 General requirements for process equipment

11.1 Scope

Process equipment covered by this Standard in 11 through 16, for on-site generation and/or application of ozone, chlorine, bromine, ultraviolet light, and copper or copper/silver ions, may be used for treatment of swimming pool and spa/hot tub waters. Products that do not create required levels of residual disinfectant are intended for supplemental disinfection only.

~~NOTE—Ultraviolet hydrogen peroxide processes are not compatible for use with diatomite type filters.~~

Reason: After discussion at the 2009 JC meeting and review of the history for this note, it was decided until evidence can be found to support its inclusion, it will be removed.

-
-
-



Standards Action Publishing Schedule for 2010, Volume No. 41

Issue No.	Dates to Submit Data to PSA		Standards Action Dates & Public Review Comment Deadlines			
	Submit Start	Submit End	SA Published	30-Day PR ends	45-Day PR Ends	60-day PR Ends
1	12/15/2009	12/21/2009	1-JAN	1/31/2010	2/15/2010	3/2/2010
2	12/22/2009	12/28/2009	8-JAN	2/7/2010	2/22/2010	3/9/2010
3	12/29/2009	1/4/2010	15-JAN	2/14/2010	3/1/2010	3/16/2010
4	1/5/2010	1/11/2010	22-JAN	2/21/2010	3/8/2010	3/23/2010
5	1/12/2010	1/18/2010	29-JAN	2/28/2010	3/15/2010	3/30/2010
6	1/19/2010	1/25/2010	5-FEB	3/7/2010	3/22/2010	4/6/2010
7	1/26/2010	2/1/2010	12-FEB	3/14/2010	3/29/2010	4/13/2010
8	2/2/2010	2/8/2010	19-FEB	3/21/2010	4/5/2010	4/20/2010
9	2/9/2010	2/15/2010	26-FEB	3/28/2010	4/12/2010	4/27/2010
10	2/16/2010	2/22/2010	5-MAR	4/4/2010	4/19/2010	5/4/2010
11	2/23/2010	3/1/2010	12-MAR	4/11/2010	4/26/2010	5/11/2010
12	3/2/2010	3/8/2010	19-MAR	4/18/2010	5/3/2010	5/18/2010
13	3/9/2010	3/15/2010	26-MAR	4/25/2010	5/10/2010	5/25/2010
14	3/16/2010	3/22/2010	2-APR	5/2/2010	5/17/2010	6/1/2010
15	3/23/2010	3/29/2010	9-APR	5/9/2010	5/24/2010	6/8/2010
16	3/30/2010	4/5/2010	16-APR	5/16/2010	5/31/2010	6/15/2010
17	4/6/2010	4/12/2010	23-APR	5/23/2010	6/7/2010	6/22/2010
18	4/13/2010	4/19/2010	30-APR	5/30/2010	6/14/2010	6/29/2010
19	4/20/2010	4/26/2010	7-MAY	6/6/2010	6/21/2010	7/6/2010
20	4/27/2010	5/3/2010	14-MAY	6/13/2010	6/28/2010	7/13/2010
21	5/4/2010	5/10/2010	21-MAY	6/20/2010	7/5/2010	7/20/2010
22	5/11/2010	5/17/2010	28-MAY	6/27/2010	7/12/2010	7/27/2010
23	5/18/2010	5/24/2010	4-JUN	7/4/2010	7/19/2010	8/3/2010
24	5/25/2010	5/31/2010	11-JUN	7/11/2010	7/26/2010	8/10/2010
25	6/1/2010	6/7/2010	18-JUN	7/18/2010	8/2/2010	8/17/2010
26	6/8/2010	6/14/2010	25-JUN	7/25/2010	8/9/2010	8/24/2010
27	6/15/2010	6/21/2010	2-JUL	8/1/2010	8/16/2010	8/31/2010



Standards Action Publishing Schedule for 2010, Volume No. 41

Issue No.	Dates to Submit Data to PSA		Standards Action Dates & Public Review Comment Deadlines			
	Submit Start	Submit End	SA Published	30-Day PR ends	45-Day PR Ends	60-day PR Ends
28	6/22/2010	6/28/2010	9-JUL	8/8/2010	8/23/2010	9/7/2010
29	6/29/2010	7/5/2010	16-JUL	8/15/2010	8/30/2010	9/14/2010
30	7/6/2010	7/12/2010	23-JUL	8/22/2010	9/6/2010	9/21/2010
31	7/13/2010	7/19/2010	30-JUL	8/29/2010	9/13/2010	9/28/2010
32	7/20/2010	7/26/2010	6-AUG	9/5/2010	9/20/2010	10/5/2010
33	7/27/2010	8/2/2010	13-AUG	9/12/2010	9/27/2010	10/12/2010
34	8/3/2010	8/9/2010	20-AUG	9/19/2010	10/4/2010	10/19/2010
35	8/10/2010	8/16/2010	27-AUG	9/26/2010	10/11/2010	10/26/2010
36	8/17/2010	8/23/2010	3-SEP	10/3/2010	10/18/2010	11/2/2010
37	8/24/2010	8/30/2010	10-SEP	10/10/2010	10/25/2010	11/9/2010
38	8/31/2010	9/6/2010	17-SEP	10/17/2010	11/1/2010	11/16/2010
39	9/7/2010	9/13/2010	24-SEP	10/24/2010	11/8/2010	11/23/2010
40	9/14/2010	9/20/2010	1-OCT	10/31/2010	11/15/2010	11/30/2010
41	9/21/2010	9/27/2010	8-OCT	11/7/2010	11/22/2010	12/7/2010
42	9/28/2010	10/4/2010	15-OCT	11/14/2010	11/29/2010	12/14/2010
43	10/5/2010	10/11/2010	22-OCT	11/21/2010	12/6/2010	12/21/2010
44	10/12/2010	10/18/2010	29-OCT	11/28/2010	12/13/2010	12/28/2010
45	10/19/2010	10/25/2010	5-NOV	12/5/2010	12/20/2010	1/4/2011
46	10/26/2010	11/1/2010	12-NOV	12/12/2010	12/27/2010	1/11/2011
47	11/2/2010	11/8/2010	19-NOV	12/19/2010	1/3/2011	1/18/2011
48	11/9/2010	11/15/2010	26-NOV	12/26/2010	1/10/2011	1/25/2011
49	11/16/2010	11/22/2010	3-DEC	1/2/2011	1/17/2011	2/1/2011
50	11/23/2010	11/29/2010	10-DEC	1/9/2011	1/24/2011	2/8/2011
51	11/30/2010	12/6/2010	17-DEC	1/16/2011	1/31/2011	2/15/2011
52	12/7/2010	12/13/2010	24-DEC	1/23/2011	2/7/2011	2/22/2011
53	12/14/2010	12/20/2010	31-DEC	1/30/2011	2/14/2011	3/1/2011