ANSI STANDARDS ACTION

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VOL. 43, #1 *January 6, 2012*

Contents

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: February 5, 2012

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

Addenda

BSR/ASHRAE Addendum 170k-201x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)

Clarifies the requirement that "all" room air be exhausted directly to the outdoors and provides limitations as to the reuse of exhaust air for energy recovery.

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

Send comments (with copy to psa@ansi.org) to: Online Comment Database at http://www.ashrae.org/technology/page/331

NSF (NSF International)

Revisions

* BSR/BIFMA e3-201x (i7), Furniture Sustainability Standard (revision of ANSI/BIFMA e3-2011)

Issue 7 - Provides revisions to Section 7 of e3.

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

Send comments (with copy to psa@ansi.org) to: Mindy Costello, (734) 827-6819, mcostello@nsf.org

* BSR/BIFMA e3-201x (i8), Furniture Sustainability Standard (revision of ANSI/BIFMA e3-2011)

Issue 8 - Provides updates to Section 5 of e3.

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

Send comments (with copy to psa@ansi.org) to: Mindy Costello, (734) 827-6819, mcostello@nsf.org

* BSR/BIFMA e3-201x (i9), Furniture Sustainability Standard (revision of ANSI/BIFMA e3-2011)

Issue 9 - Provide updates to Section 6 of e3.

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

Send comments (with copy to psa@ansi.org) to: Mindy Costello, (734) 827-6819, mcostello@nsf.org

* BSR/NSF 14-201x (i44), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2011)

Proposes an alternate method for Section 5.7, Chlorine Resistance - Dependent Transfer Listing requirements under the physical and performance requirements of Section 5. The revised language will allow for the evaluation of pipe that cannot be tested at a high stress level at the highest temperature due to their specific design with regards to the occurrence of mixed mode failures.

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

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

TCIA (ASC A300) (Tree Care Industry Association)

Revisions

* BSR A300 (Part 6)-201x, Tree Care Operations - Tree, Shrub and Other Woody Plant Management - Standard Practices (Planting and Transplanting) (revision of ANSI A300 (Part 6)-2005)

A300 Planting and Transplanting standards are performance standards for the planting (installation) and transplanting (moving) of trees, shrubs, and other woody plants. Part 6 is a guide in the drafting of planting and transplanting specifications for consumers as well as federal, state, municipal, and private authorities, including property owners, property managers, and utilities.

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

Send comments (with copy to psa@ansi.org) to: Robert Rouse, (603) 314-5380 ext. 117, Rouse@tcia.org

UL (Underwriters Laboratories, Inc.)

Revisions

* BSR/UL 858-201x, Standard for Household Electric Ranges (revision of ANSI/UL 858-2010a)

Covers:
(5) Revision of the self-cleaning oven scope in UL 858.

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

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

BSR/UL 1063-201x, Standard for Safety for Machine-Tool Wires and Cables (revision of ANSI/UL 1063-2006)

Revises Table 6.12 to reflect available sizes of 19-wire combination round-wire unilay-stranded copper conductors.

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

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

Comment Deadline: February 20, 2012

ABYC (American Boat and Yacht Council)

New Standards

BSR/ABYC A-22-201x, Marine Compressed Natural Gas (CNG) Systems (new standard)

Provides a guide for the design, manufacture, installation, and maintenance of compressed natural gas (CNG) systems on boats.

Single copy price: Free

Obtain an electronic copy from: hkoepper@abycinc.org

Order from: Helen Koepper, (410) 990-4460, hkoepper@abycinc.org

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

Revisions

* BSR/ABYC A-26-201x, LPG and CNG Fueled Appliance (revision of ANSI/ABYC A-26-2007)

Provides a guide for the design, construction, installation, and maintenance of LPG- and CNG-fueled appliances.

Single copy price: Free

Obtain an electronic copy from: hkoepper@abycinc.org

Order from: Helen Koepper, (410) 990-4460, hkoepper@abycinc.org

Send comments (with copy to psa@ansi.org) to: comments@abycinc.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.
For new standards and revisions, order from: Karen Wilson, ASTM; kwilson@astm.org.
For all ASTM standards, send comments (with copy to BSR) to: Karen Wilson, ASTM; kwilson@astm.org.

New Standards

BSR/ASTM F1732-201x, Specification for Poly(Vinyl Chloride) (PVC) Sewer and Drain Pipe Containing Recycled PVC Material (new standard)

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM WK23226-201x, Specification for Multilayer Polyethylene-Polyamide (PE-PA), Polyamide-Polyethylene (PA-PE) and Polyamide-Polyethylene-Polyamide (PA-PE-PA) Pipe for Pressure Piping Applications (new standard)

http: //www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK27246-201x, Specification for Eye Protective Devices for Airsoft Sports (new standard)

http: //www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK27347-201x, Test Method for Measuring the Carpet Cleaning Effectiveness of Wet Extraction Cleaners (new standard)

http: //www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK27877-201x, Terminology Relating to Thoroughbred Horse Racing Surfaces (new standard)

http: //www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK31813-201x, Practice for Air Soft Field Operation (new standard)

http: //www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK31876-201x, Practice for Specimens and Testing Conditions for Testing Polyethylene (PE) Pipe Butt Fusions Using Tensile and Hydrostatic Test Methods (new standard)

http: //www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK32201-201x, Specification for Crosslinked Polyethylene (PEX) Low-Pressure Tubing and Fittings for Radiant Heating Systems (new standard)

http: //www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK34498-201x, Practice for Air Soft Player Safety Briefing (new standard)

http: //www.astm.org/ANSI_SA

Single copy price: Free

Revisions

BSR/ASTM D1785-201x, Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120 (revision of ANSI/ASTM D1785-2006)

http: //www.astm.org/ANSI_SA

Single copy price: $45.00

BSR/ASTM D2241-201x, Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series) (revision of ANSI/ASTM D2241 -2009)

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM D2513-201x, Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513 -2012)

http: //www.astm.org/ANSI_SA

Single copy price: $45.00

BSR/ASTM D2774-201x, Practice for Underground Installation of Thermoplastic Pressure Piping (revision of ANSI/ASTM D2774-2008)

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM F405-201x, Specification for Corrugated Polyethylene (PE) Pipe and Fittings (revision of ANSI/ASTM F405-2005)

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM F412-201x, Terminology Relating to Plastic Piping Systems (revision of ANSI/ASTM F412-2009)

http: //www.astm.org/ANSI_SA

Single copy price: $45.00

BSR/ASTM F439-201x, Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 (revision of ANSI/ASTM F439-2011)

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM F441-201x, Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80 (revision of ANSI/ASTM F441/F441M-2009)

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM F442-201x, Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR) (revision of ANSI/ASTM F442/F442M-2009)

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM F480-201x, Specification for Thermoplastic Well Casing Pipe and Couplings Made in Standard Dimension Ratios (SDR), SCH 40 and SCH 80 (revision of ANSI/ASTM F480-2006b)

http: //www.astm.org/ANSI_SA

Single copy price: $55.00

BSR/ASTM F667-201x, Specification for Large Diameter Corrugated Polyethylene Pipe and Fittings (revision of ANSI/ASTM F667-2006)

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM F876-201x, Specification for Crosslinked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F876-2010)

http: //www.astm.org/ANSI_SA

Single copy price: $45.00

BSR/ASTM F1336-201x, Specification for Poly(Vinyl Chloride) (PVC) Gasketed Sewer Fittings (revision of ANSI/ASTM F1336-2007)

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM F1447-201x, Specification for Helmets Used in Recreational Bicycling or Roller Skating (revision of ANSI/ASTM F1447-2006)

http: //www.astm.org/ANSI_SA

Single copy price: $34.00

BSR/ASTM F1776-201x, Specification for Eye Protective Devices for Paintball Sports (revision of ANSI/ASTM F1776-2010)

http: //www.astm.org/ANSI_SA

Single copy price: $45.00

BSR/ASTM F1970-201x, Specification for Special Engineered Fittings, Appurtenances or Valves for Use in Poly(Vinyl Chloride) (PVC) or Chlorinated Poly(Vinyl Chloride) (CPVC) Systems (revision of ANSI/ASTM F1970-2005)

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM F2106-201x, Test Methods for Evaluating Design and Performance Characteristics of Motorized Treadmills (revision of ANSI/ASTM F2106-2003 (R2010))

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM F2115-201x, Specification for Motorized Treadmills (revision of ANSI/ASTM F2115-2005)

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM F2216-201x, Specification for Selectorized Strength Equipment (revision of ANSI/ASTM F2216-2005)

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM F2270-201x, Guide for Construction and Maintenance of Warning Track Areas on Sports Fields (revision of ANSI/ASTM F2270 -2004)

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM F2277-201x, Test Methods for Evaluating Design and Performance Characteristics of Selectorized Strength Equipment (revision of ANSI/ASTM F2277-2003 (R2010))

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM F2418-201x, Specification for Polypropylene (PP) Corrugated Wall Stormwater Collection Chambers (revision of ANSI/ASTM F2418-2011)

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM F2435-201x, Specification for Steel Reinforced Polyethylene (PE) Corrugated Pipe (revision of ANSI/ASTM F2435-2006)

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM F2479-201x, Guide for Specification, Purchase, Installation and Maintenance of Poured-in-Place Playground Surfacing (revision of ANSI/ASTM F2479-2011)

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

Reaffirmations

BSR/ASTM D1527-2005 (R201x), Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80 (reaffirmation of ANSI/ASTM D1527-2005)

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM F402-1999 (R201x), Practice for Safe Handling of Solvent Cements, Primers, and Cleaners Used for Joining Thermoplastic Pipe and Fittings (reaffirmation of ANSI/ASTM F402-1999)

http: //www.astm.org/ANSI_SA

Single copy price: $34.00

BSR/ASTM F512-1995 (R201x), Specification for Smooth-Wall Poly (Vinyl Chloride) (PVC) Conduit and Fittings for Underground Installation (reaffirmation of ANSI/ASTM F512-1995 (R2001))

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM F1866-2007 (R201x), Specification for Poly(Vinyl Chloride) (PVC) Plastic Schedule 40 Drainage and DWV Fabricated Fittings (reaffirmation of ANSI/ASTM F1866-2007)

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM F2135-2001 (R201x), Specification for Molded Drain Waste and Vent (DWV) Short-Pattern Plastic Fittings (reaffirmation of ANSI/ASTM F2135-2001 (R2007))

http: //www.astm.org/ANSI_SA

Single copy price: $39.00

BSR/ASTM F2487-2006 (R201x), Practice for Infiltration and Exfiltration Acceptance Testing of Installed Corrugated High Density Polyethylene Pipelines (reaffirmation of ANSI/ASTM F2487-2006)

http: //www.astm.org/ANSI_SA

Single copy price: $34.00

BSR/ASTM F2509-2006 (R201x), Specification for Field-Assembled Anoddeless Riser Kits for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing (reaffirmation of ANSI/ASTM F2509-2006)

http: //www.astm.org/ANSI_SA

Single copy price: $34.00

AWWA (American Water Works Association)

Revisions

BSR/AWWA C205-201x, Cement-Mortar Protective Lining and Coating for Steel Water Pipe - 4 in. (100 mm) and Larger - Shop Applied (revision of ANSI/AWWA C205-2007)

Describes the material, application, and curing of shop-applied cement-mortar protective linings and coatings for steel water pipe and fittings and field jointing of cement-mortar-lined-and-coated steel water pipe and fittings.

Single copy price: $20.00

Obtain an electronic copy from: vdavid@awwa.org

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

Send comments (with copy to psa@ansi.org) to: Same

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

Revisions

BSR/ITSDF B56.5-200x, Safety Standard for Guided Industrial Vehicles and Automated Functions of Manned Industrial Vehicles (revision of ANSI/ITSDF B56.5-2005)

Defines the safety requirements relating to the elements of design, operation, and maintenance of powered, not mechanically restrained, unmanned automatic-guided industrial vehicles and the system of which the vehicles are apart.

Single copy price: Free

Obtain an electronic copy from: itsdf@earthlink.net

Order from: Chris Merther, (202) 296-9880, itsdf@earthlink.net

Send comments (with copy to psa@ansi.org) to: Same

NEMA (ASC C8) (National Electrical Manufacturers Association)

Revisions

BSR NEMA WC 27500-201x, Standard for Aerospace and Industrial Electrical Cable (revision of ANSI NEMA WC 27500-2000)

Contains requirements for finished cables. The component wires are covered by other referenced standards. These cables are intended for signal and low-voltage power applications with defined environment or temperature conditions found in commercial aircraft, military aircraft, and high-performance vehicles. NAVAIR approval is required to manufacture these cables.

Single copy price: $81.00

Obtain an electronic copy from: http://workspaces.nema.org/ansi/stds/Shared%20Documents/C8/WC%2027500-2011/WC%2027500-2011.pdf

Order from: Ryan Franks, 703-841-3271, ryan.franks@nema.org

Send comments (with copy to psa@ansi.org) to: Same

NPES (ASC CGATS) (Association for Suppliers of Printing, Publishing and Converting Technologies)

Reaffirmations

BSR CGATS/ISO 15930-1-2004/ISO 15930-1-2001 (R201x), Graphic technology - Prepress digital data exchange - Use of PDF - Part 1: Complete exchange using CMYK data (PPF/X-1 and PDF/X-1a) (reaffirmation of ANSI CGATS/ISO 15930-1-2004/ISO 15930-1-2001)

Specifies the methods for the use of the Portable Document Format (PDF) for the dissemination of compound CMYK digital data, in a single exchange, that is complete and ready for final print reproduction.

Single copy price: $74.00

Obtain an electronic copy from: dorf@npes.org

Order from: Debra Orf, (703) 264-7200, dorf@npes.org

Send comments (with copy to psa@ansi.org) to: Same

BSR CGATS.9-2007 (R201x), Graphic technology - Graphic arts transmission densitometry measurements - Terminology, equations, image elements and procedures (reaffirmation of ANSI CGATS.9 -2007)

Defines terminology, equations, process control elements, and procedures for measurement and communication of transmission densitometry data for graphic-arts halftone images.

Single copy price: $16.00

Obtain an electronic copy from: dorf@npes.org

Order from: Debra Orf, (703) 264-7200, dorf@npes.org

Send comments (with copy to psa@ansi.org) to: Same

NSF (NSF International)

Revisions

BSR/NSF 50-201x (i82), Equipment for swimming pools, spas, hot tubs, and other recreational water facilities (revision of ANSI/NSF 50-2011)

Issue 82 - Deletes the requirements for copper test kits for copper/silver ion generators in 16.1 and 16.16 of NSF 50.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=15805

Order from: Lorna Badman, (734) 827-6806, badman@nsf.org

Send comments (with copy to psa@ansi.org) to: Same

TCIA (ASC A300) (Tree Care Industry Association)

Revisions

* BSR A300 (Part 7)-201x, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management (revision of ANSI A300 (Part 7) -2006)

A300 Integrated Vegetation Management standards are performance standards for the development and implementation of integrated vegetation management (IVM). Part 7 is a guide for writing work project specifications for utilities as well as federal, state, municipal, and private authorities including property owners and managers.

Single copy price: Free (Electronic copy); $15.00 plus S&H (Paper copy)

Obtain an electronic copy from: Rouse@tcia.org

Order from: Robert Rouse, (603) 314-5380 ext. 117, Rouse@tcia.org

Send comments (with copy to psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)

Revisions

BSR/TIA 664.805-B-201x, Wireless Features Description: CDMA Packet Data Service (revision and redesignation of ANSI/TIA 664-805-A -2007)

Defines permissions and services for the CDMA Packet Data Service (C-PDS) which shall allow communication services to access private or public Packet Data Networks (PDNs) (e.g., Internet or Intranets) using an air interface provided by the wireless service provider.

Single copy price: $57.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA

Send comments (with copy to psa@ansi.org) to: standards@tiaonline.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 489-201x, Standard for Safety for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures (revision of ANSI/UL 489-2011)

See page 7 for Scope.

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 psa@ansi.org) to: Patricia Sena, (919) 549-1636, patricia.a.sena@ul.com

BSR/UL 1703-201x, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2011)

Covers:
(1) Revisions to UL 1703 to comply with the NEC;
(2) Deletion of the water resistant requirement from the Water Spray Test;
(3) Revisions to the Humidity Test, Section 36; and
(4) Current tracking requirement clarification.

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 psa@ansi.org) to: Susan Malohn, (847) 664-1725, Susan.P.Malohn@ul.com

Comment Deadline: March 6, 2012

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

UL (Underwriters Laboratories, Inc.)

New National Adoptions

BSR/UL 60730-1-201x, Standard for Automatic Electrical Controls for Household and Similar Use - Part 1: General requirements (national adoption with modifications of IEC 60730-1)

Covers the fourth edition of UL 60730-1, which includes the revisions the IEC adopted in the fourth edition of IEC 60730-1 and a revision covering an alternate test potential for the electric strength test contained in 13.2.3.

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 psa@ansi.org) to: Alan McGrath, (847) 664-3038, alan.t.mcgrath@ul.com

Revisions

BSR/UL 467-201x, Standard for Safety for Grounding and Bonding Equipment (revision of ANSI/UL 467-2007)

Applies to grounding and bonding equipment for use in accordance with the Canadian Electrical Code, Part I, CSA C22.1, in Canada, the National Electrical Code, NFPA 70, in the United States, or the Standard for Electrical Installations, NOM-001-SEDE, in Mexico.

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 psa@ansi.org) to: Marcia Kawate, (408) 754-6743, Marcia.M.Kawate@ul.com

BSR/UL 489-201x, Standard for Safety for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures (revision of ANSI/UL 489-2011)

Covers:
- Clamp joints;
- 3-pole slash-rated CBs;
- 135% Calibration Test;
- Handle ties;
- Manual operations During Test Sequence;
- Table 7.1.1.2;
- Doors of CB enclosures;
- Use of copper unless rated for aluminum only;
- Supplement SD;
- Definitions;
- 3-pole CBs with GFPE;
- 3-pole CBs with GFCI;
- 4-pole connection diagrams;
- Marine CB ignition-protected devices test;
- CB/GFCI definition;
- Special purpose marking;
- SC1.3;
- CB/GFPE high-fault current test requirements;
- Temperature rise testing for CBs with ground fault;
- Series ratings;
- Mechanical interlocks;
- Marking symbols and abbreviations;
- Defining temperature stabilization; and
- Accessory high-fault protectors.

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 psa@ansi.org) to: Patricia Sena, (919) 549-1636, patricia.a.sena@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.

TIA (Telecommunications Industry Association)

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

Contact: *Stephanie Montgomery*

Phone: (703) 907-7700

Fax: (703) 907-7727

E-mail: smontgomery@tiaonline.org

BSR/TIA 664.805-B-201x, Wireless Features Description: CDMA Packet Data Service (revision and redesignation of ANSI/TIA 664-805-A -2007)

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, IL 60062-2096

Contact: *Alan McGrath*

Phone: (847) 664-3038

Fax: (847) 313-3038

E-mail: alan.t.mcgrath@ul.com

BSR/UL 60730-1-201x, Standard for Automatic Electrical Controls for Household and Similar Use - Part 1: General requirements (national adoption with modifications of IEC 60730-1)

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.

AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

Office: 2111 Wilson Boulevard
Suite 500
Arlington, VA 22201
Contact: *Daniel Abbate*
Fax: (703) 562-1942
E-mail: dabbate@ahrinet.org

BSR/AHRI Standard 260-201x, Sound Rating of Ducted Air Moving and Conditioning Equipment (new standard)

Stakeholders: Manufacturers, engineers, installers, contractors, and users.

Project Need: Establishes a method of sound-rating the indoor portions of ducted air moving and conditioning equipment. The standard provides definitions; requirements for acquiring mapped sound data; sound power level calculations and ratings; minimum data requirements for published sound ratings; and conformance conditions.

Applies to ducted equipment and specifies the methods for the determination of the sound power rating of the indoor sections of factory-made residential, commercial and industrial air-conditioning and heat pump equipment, which are electrically driven, with mechanical compression and containing fans, using mapped sound data for rating the various product sound components. Sound power ratings reported are octave-band Sound Power Levels from 63 Hertz to 8000 Hertz.

BSR/AHRI Standard 280-201x, Requirements for the Qualification of Reverberation Rooms in the 63 Hz Octave Band (revision of ANSI/AHRI Standard 280-2011)

Stakeholders: Manufacturers, engineers, installers, contractors, and users.

Project Need: Establishes a method of qualifying reverberation rooms in the 63-Hz octave band (50-, 63-, and 80-Hz one-third octave bands).

Applies to products rated in the 63-Hz octave band (50-, 63-, and 80-Hz one-third octave bands) where the sound power is determined from measurements made in a reverberation room by using the comparison method as specified per ANSI/ASA Standard S12.51/ISO: 3741.

BSR/AHRI Standard 490 (I-P)-201x, Performance Rating of Remote Mechanical-Draft Evaporatively-Cooled Refrigerant Condensers (new standard)

Stakeholders: Manufacturers, engineers, installers, contractors, and users.

Project Need: Establishes for remote mechanical-draft evaporatively cooled refrigerant condensers (evaporative condensers): definitions; test requirements; rating requirements; calculations; minimum data requirements for published ratings; marking and nameplate data; and conformance conditions.

Applies to evaporative condensers, as defined in Section 3 of this standard, and is limited to halocarbon refrigerants and ammonia (R -717), for use with or without external air resistance.

BSR/AHRI Standard 491 (SI)-201x, Performance Rating of Remote Mechanical-Draft Evaporatively-Cooled Refrigerant Condensers (new standard)

Stakeholders: Manufacturers, engineers, installers, contractors, and users.

Project Need: Establishes for remote mechanical-draft evaporatively cooled refrigerant condensers (evaporative condensers): definitions; test requirements; rating requirements; calculations; minimum data requirements for published ratings; marking and nameplate data; and conformance conditions.

Applies to evaporative condensers, as defined in Section 3 of this standard, and is limited to halocarbon refrigerants and ammonia (R -717), for use with or without external air resistance.

BSR/AHRI Standard 1211(SI)-201x, Performance Rating of Variable Frequency Drives (new standard)

Stakeholders: Manufacturers, engineers, installers, contractors, and users.

Project Need: Establishes for variable frequency drives (VFDs): definitions; classifications; test requirements; rating requirements; minimum data requirements for published ratings; marking and nameplate data; and conformance conditions.

Applies, within the heating, ventilating, air-conditioning and refrigeration (HVACR) context, to VFDs used in the control of asynchronous induction motors. The range includes all those found within a building including: low voltage (</= 600 V) and drives that are standalone, not mechanically integrated into motors.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
St Joseph, MI 49085
Contact: *Carla VanGilder*
Fax: (269) 429-3852
E-mail: vangilder@asabe.org

BSR/ASABE AD4254-6-201x, Agricultural machinery - Safety - Part 6: Sprayers and liquid fertilizer distributors (national adoption with modifications of ISO 4254-6:2009)

Stakeholders: Federal and state regulators; custom applicators; farmer applicators; turf applicators.

Project Need: ISO 4254-6 is referenced by ASAE S318.17. The purpose of this project is to clarify the North American position related to sprayers and liquid fertilizer distributors.

Specifies the safety requirements and their verification for the design and construction of mounted, semi-mounted, trailed, and self-propelled agricultural sprayers for use with pesticide products and liquid fertilizer application, designed for use by one operator only. In addition, this standard specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer.

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 4950-2007 (R201x), Welding Pads, Welding Blankets and Welding Curtains for Hot Work Operations (reaffirmation of ANSI/FM 4950-2007)

Stakeholders: Building owners undergoing new construction, renovation, or razing, involving hot work.

Project Need: To qualify products capable of mitigating the hot work hazard. Hot work operations continue to be a major fire initiator. Tools like welding blankets, pads and curtains can be effective in preventing ignition of nearby combustibles from hot work.

Sets performance requirements for welding pads, welding blankets, and welding curtains used as a means of preventing the ignition of combustibles during welding, cutting, and other hot work operations. Welding pads, welding blankets, and welding curtains will be evaluated on their ability to:

- prevent burn-through of the material;
- provide adequate protection for adjacent combustibles;
- limit temperature transmission through the material;
- resist melting, dripping or deformation;
- maintain their flexibility, durability and structural integrity; and
- resist degradation from weathering.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ANSI-Accredited Standards Developers Contact Information

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

ABYC
American Boat and Yacht Council

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

AHRI
Air-Conditioning, Heating, and Refrigeration Institute

2111 Wilson Boulevard
Suite 500
Arlington, VA 22201
Phone: (703) 600-0327
Fax: (703) 562-1942
Web: www.ahrinet.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

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

1791 Tullie Circle, NE
Atlanta, GA 30329
Phone: (404) 636-8400
Fax: (404) 321-5478
Web: www.ashrae.org

ASTM
ASTM International

100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9743
Fax: (610) 834-3655
Web: www.astm.org

AWWA
American Water Works Association

6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-6303
Web: www.awwa.org

FM
FM Approvals

1151 Boston-Providence Turnpike
Norwood, MA 2062
Phone: (781) 255-4813
Fax: (781) 762-9375
Web: www.fmglobal.com

ITSDF
Industrial Truck Standards Development Foundation, Inc.

1750 K Street NW
Suite 460
Washington, DC 20006
Phone: (202) 296-9880
Fax: (202) 478-7599
Web: www.indtrk.orgdefault.asp

NEMA (ASC C8)
National Electrical Manufacturers Association

1300 North 17th Street, Suite 1752
Rosslyn, VA 22209
Phone: 703-841-3271
Fax: 703-841-3371
Web: www.nema.org

NPES (ASC CGATS)
NPES

1899 Preston White Drive
Reston, VA 20191
Phone: (703) 264-7200
Fax: (703) 620-0994
Web: www.npes.org

NSF
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-5643
Fax: (734) 827-7880
Web: www.nsf.org

TCIA (ASC A300)
Tree Care Industry Association

136 Harvey Road, Suite 101
Londonderry, NH 3053
Phone: (603) 314-5380 ext. 117
Fax: (603) 314-5386
Web: www.treecareindustry.org

TIA
Telecommunications Industry Association

2500 Wilson Blvd., Suite 300
Arlington, VA 22201
Phone: (703) 907-7700
Fax: (703) 907-7727
Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-3038
Fax: (847) 313-3038
Web: www.ul.com/

ISO & IEC Draft International Standards

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

Comments

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

Ordering Instructions

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

ISO Standards

CORROSION OF METALS AND ALLOYS (TC 156)

ISO/WD 11304, Corrosion of metals and alloys - Determination of the susceptibility of zirconium alloys to nodular corrosion - 3/23/2012, FREE

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

ISO/DIS 28300, Petroleum, petrochemical and natural gas industries - Venting of atmospheric and low-pressure storage tanks - 3/23/2012, $155.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 10068, Mechanical vibration and shock - Mechanical impedance of the human hand-arm system at the driving point - 3/23/2012, $102.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 16424, Nuclear energy - Evaluation of homogeneity of Gd distribution within gadolinium fuel blends and determination of Gd2O3 content in gadolinium fuel pellets by measurements of uranium and gadolinium elements - 3/23/2012, $62.00

PAINTS AND VARNISHES (TC 35)

ISO/DIS 15528, Paints, varnishes and raw materials for paints and varnishes - Sampling - 3/23/2012, $58.00

PLASTICS (TC 61)

ISO/DIS 75-2, Plastics - Determination of temperature of deflection under load - Part 2: Plastics and ebonite - 3/23/2012, $46.00

THERMAL INSULATION (TC 163)

ISO/DIS 12655, Energy performance of buildings - Presentation of real energy use of buildings - 3/23/2012, $71.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 12140, Agricultural machinery - Agricultural trailers and trailed equipment - Drawbar jacks - 3/23/2012, $62.00

ISO/DIS 16236, Crop protection equipment - Test method for evaluation of drainable volume - 3/23/2012, $40.00

ISO/DIS 19932-1, Equipment for crop protection - Knapsack sprayers - Part 1: Safety and environmental requirements - 3/23/2012, $71.00

ISO/DIS 19932-2, Equipment for crop protection - Knapsack sprayers - Part 2: Test methods - 3/23/2012, $88.00

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

ISO 8536-4/DAmd1, Infusion equipment for medical use - Part 4: Infusion sets for single use, gravity feed - Draft Amendment 1 - 3/23/2012, $29.00

WATER QUALITY (TC 147)

ISO/DIS 13164-1, Water quality - Measurement of the activity concentration of radon-222 - Part 1: General principles - 3/29/2012, $82.00

ISO/DIS 13164-2, Water quality - Measurement of the activity concentration of radon-222 - Part 2: Gamma spectrometry method - 3/29/2012, $62.00

ISO/DIS 13164-3, Water quality - Measurement of the activity concentration of radon-222 - Part 3: Emanometric method - 3/29/2012, $93.00

ISO/DIS 17378-1, Water quality - Determination of arsenic and antimony - Part 1: Method using hydride generation atomic fluorescence spectrometry (HG-AFS) - 3/27/2012, $77.00

ISO/DIS 17378-2, Water quality - Determination of arsenic and antimony - Part 2: Method using hydride generation atomic absorption spectrometry (HG-AAS) - 3/27/2012, $82.00

ISO/DIS 17379-1, Water quality - Determination of selenium - Part 1: Method using hydride generation atomic fluorescence spectrometry (HG-AFS) - 3/27/2012, $71.00

ISO/DIS 17379-2, Water quality - Determination of selenium - Part 2: Method using hydride generation atomic absorption spectrometry (HG-AAS) - 3/27/2012, $77.00

WOOD-BASED PANELS (TC 89)

ISO 12466-1/DAmd1, Plywood - Bonding quality - Part 1: Test methods - Draft Amendment 1 - 3/23/2012, $29.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 13818-1/DAmd8, Extensions for simplified carriage of MPEG -4 over MPEG-2 - 3/23/2012, $46.00

ISO/IEC DIS 29192-4, Information technology - Security techniques - Lightweight cryptography - Part 4: Mechanisms using asymmetric techniques - 3/23/2012, FREE

IEC Standards

4/270/FDIS, IEC 61362 Ed. 2.0: Guide to specification of hydraulic turbine governing systems, 02/24/2012

23H/275/FDIS, Amendment 2 to IEC 60309-2: Plugs, socket-outlets and couplers for industrial purposes - Part 2: Dimensional compatibility and interchangeability requirements for pin and contact-tube accessories up to 125 A 690 V, 02/24/2012

23H/276/FDIS, Amendment 1 to IEC 60309-4: Plugs, socket-outlets and couplers for industrial purposes - Part 4: Switched socket-outlets and connectors with or without interlock, 02/24/2012

48B/2279/FDIS, IEC 61076-2-101 Ed 3.0: Connectors for electronic equipment - Product requirements - Part 2-101: Circular connectors - Detail specification for M12 connectors with screw-locking, 02/24/2012

48B/2280/FDIS, IEC 61076-4-116 Ed 1.0:Connectors for electronic equipment - Product requirements - Part 4-116: Printed board connectors: Detail specification for a high-speed two-part connector with integrated shielding function, 02/24/2012

59D/394/FDIS, IEC 60704-2-6 Ed 3.0: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-6: Particular requirements for tumble dryers, 02/24/2012

61/4342/FDIS, IEC 60335-2-3 Ed 6.0: Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for electric irons, 02/24/2012

62D/972/FDIS, EC 60601-2-16 Ed. 4.0: Medical electrical equipment - Part Part 2-16: Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment, 02/24/2012

Registration of Organization Names in the United States

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

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

PUBLIC REVIEW

DDD-Diagnostic A/S

Public Review: December 16, 2011 to March 14, 2012

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

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

Proposed Foreign Government Regulations

Call for Comment

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

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology (NIST), distributes these proposed foreign technical regulations to U.S. stakeholders via an online service, Notify U.S. Notify U.S. is an e-mail and Web service that allows interested U.S. parties to register, obtain notifications, and read full texts of regulations from countries and for industry sectors of interest to them. To register for Notify U.S., please go to Internet URL: http://www.nist.gov/notifyus/ and click on “Subscribe”.

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

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 for the creation and maintenance of 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 40+ 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 the following membership categories:

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

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. Visit www.INCITS.org for more information regarding INCITS activities.

Call for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

Comment Deadline Correction

The following Public Review announcement in the 12/16/2011 issue of Standards Action should have listed the Comment Deadline as February 14, 2012:

American Society of Mechanical Engineers

Reaffirmation

BSR/ASME PTC 17-1973 (R201x), Performance Test Code - Reciprocating Internal-Combustion Engines (reaffirmation of ANSI/ASME PTC 17-1973 (R2003))

The Scope of this Standard is limited to "Engine Assembly" as defined in this standard. "Engine Assembly" is defined as the engine complete with essential apparatus for self-sustained continuous operation. Generally, the apparatus consists of the equipment required for (a) fuel induction, (b) air induction, (c) ignition, (d) lubrication, (e) primary engine and charge-air cooling. These are to be subjected to tests yielding the determination of (1) Net power output and (2) Rate of fuel consumption and/or energy input.

Single copy price: $45.00

For Reaffirmations and Withdrawn standards, please view our catalog at http://www.asme.org/kb/standards.

Send comments (with copy to psa@ansi.org) to: George Osolsobe, (212) 591-8554, osolsobeg@asme.org

ANSI Accredited Standards Developers

Approval of Reaccreditations

IEEE, and ASC C2 – National Electrical Safety Code, ASC C63 – Electromagnetic Compatibility, and ASC N42 – Nuclear Instrumentation

ANSI's Executive Standards Council (ExSC) has approved the reaccreditation of IEEE under its revised operating policies and procedures for documenting consensus on proposed American National Standards, effective December 14, 2011. For additional information, please contact: Mr. David Ringle, Director, Governance & Technical Committee Programs, IEEE Standards Association, 445 Hoes Lane, Piscataway, NJ 08854-4141; PHONE: (732) 562-3806; e-mail: d.ringle@ieee.org.

In addition, the reaccreditations of the IEEE-sponsored ASC C2, National Electrical Safety Code; ASC C63, Electromagnetic Compatibility; and ASC N42, Nuclear Instrumentation have been administratively approved under their recently revised operating procedures for documenting consensus on proposed American National Standards, effective December 29, 2011. For additional information, please contact: Mr. Michael Kipness, Program Manager, Technical Programs Development, IEEE Standards Activities, 445 Hoes Lane, Piscataway, NJ 08855-1331; PHONE: (732) 562-3810; e-mail: m.kipness@ieee.org.

International Organization for Standardization (ISO)

Call for US/TAG and US/TAG Administrator

ISO/TC 267 – Facilities management

The ISO Technical Management board has created a new ISO Technical Committee on Facilities management (ISO/TC 267). The secretariat has been assigned to BSI (United Kingdom). The new technical committee has the following scope:

Standardization in the field of facilities management

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact ANSI's ISO Team at isot@ansi.org.

Meeting Notice

ANSI-Accredited U.S. TAG to ISO/TC 229 – Nanotechnologies

The ANSI-Accredited U.S. TAG to ISO/TC 229 on Nanotechnologies will meet on February 8 – 9, 2012, at a location TBC in Washington, DC. For additional information or to join the U.S. TAG, please contact Heather Benko (hbenko@ansi.org) at ANSI.

BSR/ASHRAE/ASHE Addendum k to ANSI/ASHRAE/ASHE Standard 170-2008

Committee Review Draft

ASHRAE® Standard

Proposed Addendum k to Standard 170-2008, *Ventilation of Health Care Facilities*

First Public Review (December 2011) (Draft Shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed addendum, go to the ASHRAE website at http://www.ashrae.org/technology/page/331 and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE web site) remains in effect. The current edition of any standard may be purchased from the ASHRAE Bookstore @ http://www/ashrae.org or by calling 404-636-8400 or 1-800-527-4723 (for orders in the U.S. or Canada).

This Standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE web site @ http://www/ashrae.org

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

**AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.
1791 Tullie Circle, NE Atlanta GA 30329-2305**

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

The proposed addendum clarifies the requirement that "all" room air be exhausted directly to the outdoors and provides limitations as to the reuse of exhaust air for energy recovery.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum k to 170-2008

[Add the following new Section 6.8.]

6.8 Energy Recovery Systems.

6.8.1 General. Energy recovery systems shall be located upstream of Filter Bank Number 2. If energy recovery systems are utilized, the systems shall not allow for any amount of cross-contamination of exhaust air back to the supply airstream via purge, leakage, carryover, or transfer except as allowed in 6.8.3.

6.8.2 Airborne Infectious Isolation Room Exhaust Systems. Airborne Infectious Isolation Room exhaust systems serving AII rooms or combination AII/PE rooms shall not be utilized for energy recovery.

6.8.3 Energy Recovery Systems With Leakage Potential. If energy recovery systems with leakage potential are utilized, they shall be arranged to minimize the potential to transfer exhaust air directly back into the supply airstream. Energy recovery systems with leakage potential shall be designed to have no more than 5% of the total supply airstream consisting of exhaust air. Energy recovery systems with leakage potential shall not be utilized from these exhaust airstream sources: ER waiting rooms, Triage, ER decontamination, Radiology waiting rooms, Darkroom, Bronchoscopy sputum collection and pentamidine administration, Laboratory fume hood and other directly ducted laboratory equipment exhaust, Waste Anesthesia Gas Disposal, Autopsy, Nonrefrigerated body holding, Endoscope cleaning, Central Medical and Surgical Supply Soiled or decontamination room, Laundry general, Hazardous material storage, Dialyzer reprocessing room, Nuclear medicine hot lab, Nuclear medicine treatment room, and any other space identified by the *Authority Having Jurisdiction* or the ICRA team.

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3.34 pollution: This is generally, the presence of a substance in the environment that because of its chemical composition or quantity prevents the functioning of natural processes and produces undesirable environmental and health effects.

3.35 process chemical: Used in the direct manufacturing of the product and that is not ~~intended to be~~ incorporated into the product as shipped (e.g. prep solvent prior to powdercoat or overspray).

3.36 product chemical: Incorporated in or on the product as shipped (e.g. wood finish).

Reason: Some chemicals can be both process and product related chemicals. This clarifies that intent. Issue paper 2011-5.

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7.4.1 Product Level (Material Specification)

The organization shall identify all chemical constituents of the materials incorporated into the product in its ready to install state, and shall assess them for human and ecosystem impact. This credit is intended to employ a tiered approach to obtain points under 7.4.1.1 *or* 7.4.1.2 *or* 7.4.1.3. A maximum of four product points shall only be achieved by fulfilling credit 7.4.1.3.

Reason: This clarifies the point structure of this section. Issue paper 2011-16

7.4.1.1 Basic Level

The applicant may earn one point if it identifies and assess all MSDS reportable chemicals as defined by OSHA 29 CFR 1910.1200 for materials that add up to 95% by weight of the final product.

Or

7.4.1.2 Intermediate Level

The applicant may earn 3 points if it identifies and assess all chemicals of concern down to 100 parts per million, using the list from normative Annex B, for materials that add up to 99% by weight of the final product.

Or

7.4.1.3 Advanced Level

The applicant may earn points if it identifies and assess all chemical constituents down to 100 parts per million for materials that add up to (maximum total of 4 points for 7.4.1):

- 75% by weight of final product (2 points); or
- 90% by weight of product (3 points); or

— 99~~.9~~% by weight of product; (4 points).
Reason: This corrects the intent which was 99%, not 99.9%. Issue paper 2011-10.

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7.4.2 Manufacturing Process Level (Process Chemicals)

The applicant shall receive one point if it identifies and assesses ~~all~~ process chemicals of concern ~~constituents~~ based on MSDS information using Annex B ~~down to 1000 ppm~~ for ~~of~~ at least three manufacturing processes associated with the manufacture of the product, within the gate-to-gate assessment (either by the organization itself or its supply chain), and assesses them for human and ecosystem impact, and exposure during application consistent with applicable hazard assessment requirements. Manufacturing processes do not cover the extraction and initial processing of raw materials. If there are only one or two manufacturing processes then all process chemical constituents must be identified and assessed**.**

7.4.3 Maintenance/Operations Level

The applicant shall receive one point if it identifies and assesses ~~all~~ chemicals of concern ~~constituents~~ based on MSDS information using Annex B ~~down to 1000 ppm~~ for 50% (by purchase amount) of all maintenance and operating chemicals not directly used in the manufacture of the product, and assesses them for human and ecosystem impact. This credit applies at the facility where manufacturing or final assembly occurs.

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7.5.2 Reduction or Elimination from Processes

If compliance with ~~Following from~~ credit 7.4.2 is achieved, the applicant can earn additional points by reducing and/or eliminating chemicals of concern beyond the MSDS present below 1000 ppm that are recognized as being:

Reason: This clarifies that MSDS is the basis for assessment of chemicals. Issue paper 2011-2.

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7.5.2.1 On initial certification, the applicant shall receive:

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On re-certification, the applicant shall earn points in this category by demonstrating further reductions in increments of 5% (on an absolute basis), or 10% on a normalized basis on previously assessed chemical(s), or by showing the levels of reduction detailed above in a different set of chemicals without an increase in the former set of chemicals.

Reason: Based on the HEH work group discussion, this allows chemicals previously assessed to be included year after year for this section. Joint Committee meeting December 14, 2011.

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7.5.3 Reductions from Maintenance/Operations level

If compliance with ~~Following from~~ credit 7.4.3 is achieved, the applicant can earn a point by reducing and/or eliminating chemicals of concern beyond the MSDS present below 1000 ppm listed in normative Annex B that are recognized as being:

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5.10 Solid Waste Management

The applicant shall receive a maximum of two points based on its published and implemented solid waste diversion program for landfill disposal (this credit does not apply to hazardous waste).

5.10.1 Organization's 100% Diversion Goal

The applicant shall receive one point for a 100 percent diversion goal.

5.10.2 Achieving 100% Diversion

One point for achieving 100% diversion for product to be assessed for solid waste generated from fabrication and assembly of product components. Not included are solid waste generated from raw material extraction and conversion; process aids (for example: sandpaper, gloves, spray booth filters) and packaging. The scope of this credit is gate-to-gate.

Reason: this was a reorganization of this credit to align with others in the standard. Issue paper 2011-22.

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5.11 Water Management

The intent of this section is to focus on process water only. Process water includes, for example, water used for pre-treatment (e.g., phosphating wash line), water-based adhesive processes, cooling water, water-jet cutting operations, and spraybooth over-spray capture systems. In order to qualify for water management credits, the applicant must prove that process water was used in the manufacturing or assembly of the product to be assessed, at any point in time during the past six years. The applicant must state whether the assessment is being completed for the applicants' own facilities, and/or facilities operated by a supplier (using process water for the product to be assessed).

5.11.1 Water Inventory of Factory

The applicant shall receive one point if it establishes a baseline process water inventory to document water sources/withdrawals, uses, and discharges for the facility or facilities where the finished product is assembled or manufactured. If the applicant elects to assess the process water used for manufacturing, the scope of the water inventory shall account for the materials comprising no less than 80% by weight of the product.

5.11.2 Water Efficiency

The applicant shall receive one point if it implements program(s) to maximize process water efficiency to reduce the burden on the water supply and local wastewater treatment systems for the facility or facilities where the finished product is assembled or manufactured. The organization shall provide objective evidence that water efficiency improvement goals have been established for the facility within the past 6 years. Performance against the goals must be tracked. Absolute reductions in total water usage must be documented. If the applicant elects to assess process water efficiency related to manufacturing, the scope of the assessment shall account for the materials comprising no less than 80% by weight of the product.

5.11.3 Wastewater Discharge

The applicant shall receive two points if it achieves zero net process water usage or wastewater discharge rates for the facility where the finished product is assembled or manufactured.

Reason: The language clarifies the scope of the credit. Issue Paper 2011-11.

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6.9.5 Greenhouse Gas Voluntary Reporting Program

The applicant shall receive two points if it participates in a voluntary GHG Reporting program, where companies annually inventory and report their GHG emissions; and voluntary commitment to reducing their GHG emissions. ~~EPA Climate Leaders Program,~~ Chicago Climate Exchange~~,~~ or similar programs are acceptable.

Reason: The USEPA's program is no longer available. Issue Paper 2011-6.

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

NSF/ANSI Standard for – Plastics piping system components and related materials

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5 Physical and performance requirements

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5.7 Chlorine resistance – Dependent Transfer Listing requirements

In order to qualify a pipe made from a material that already has a chlorine resistance classification, the following minimum requirements shall be met for each pipe which is comprised of a different color in the polymer matrix yet made from that classified material and shall be referred to as a Dependent Transfer Listing.

Note - This requirement does not apply to changes in color of an external, coextruded polymer layer which is separate and distinct from the pipe polymer matrix.

– ~~Three (3) data points at the highest stress and highest temperature conditions shall be used as for the original data set;~~

– ~~Two (2) data points at the second highest stress and the highest temperature conditions shall be used as for the original data set;~~

– ~~The 95% lower prediction limit (LPL) shall also be calculated for the original material data at these temperature/stress conditions;~~

– ~~The 95% upper prediction limit (UPL) shall be calculated for the original material data at these temperature/stress conditions;~~

– ~~All five (5) data points (failure times) shall meet or exceed the LPL for that condition;~~

– ~~All five (5) data points (failure times) shall meet or not exceed the UPL for that condition;~~

– ~~The five (5) data points shall be added to the original data set, and all parameters in section 13 of the ASTM F 2023 test method shall be recalculated. The new values shall comply with the requirements of ASTM F 876.~~

5.7.1 Solid wall pipe with optional inner or outer polymeric layer

– Three (3) data points at one hoop stress level at the highest temperature conditions as for the original data set;

– Two (2) data points at a second hoop stress level at least 80 psi lower than the first stress level and at the highest temperature conditions as for the original data set;

– The 95% lower prediction limit (LPL) shall be calculated for the original material data at these temperatures/stress conditions;

– All five (5) data points (failure times) shall meet or exceed the LPL for that condition

– The five (5) data points shall be added to the original data set and all parameters in section 13 of the ASTM F2023 shall be calculated. The new values shall comply with the requirements of ASTM F876.

5.7.2 Pipe with middle polymeric layer

– Five (5) data points at one hoop stress level at the highest temperature conditions as for the original data set;

– The 95% lower prediction limit (LPL) shall be calculated for the original material data at these temperatures/stress conditions;

– All five (5) data points (failure times) shall meet or exceed the LPL for that condition

– The five (5) data points shall be added to the original data set and all parameters in section 13 of the ASTM F2023 shall be calculated. The new values shall comply with the requirements of ASTM F876.

Reason: Revised per 2011 annual Plastics JC meeting (7/26/11) to allow for the evaluation of pipe that cannot be tested at a high stress level at the highest temperature due to their specific design with regards to the occurrence of mixed mode failures.

Note: The following subclause is substantially changed in technical implementation.

63.5.2.1.1 Trees ~~with a D.B.H. over~~ larger than 8 inches (20 cm) caliper should have a minimum 8 ~~to 14~~ inches (20 ~~to 36~~ cm) or more of root ball diameter for every inch (2.54 cm) of trunk diameter. See Annex F for details and definitions 62.7 and 62.9 for clarification.

Note: The following recommendations are deleted.

63.5.4.4 Bare root

~~63.5.4.4.1 Bare root trees should be dug in a state of dormancy.~~

See Annex A-4 for bare root information.

~~**64.1.2** Bare root trees should be planted at a favorable time of the year for the plant species, see **Annex A**.~~

Standard for Household Electric Ranges, BSR/UL 858

5. Revision of the Self Cleaning Oven Scope in UL 858

PROPOSAL

85.1 The requirements in Sections 86 - 106 cover self-cleaning ovens:

a) Operating at temperatures of 380 - 548°C (716 - 1018°F);

b) Having an oven volume not exceeding 6.0 ft^3 or 10,368 in^3 (0.1699 m^3) as determined in accordance with the Procedures for the Determination and Expression of the Volume of Household Microwave and Conventional Ovens, ANSI/AHAM OV-1; and

c) That are intended to be vented into the room where the oven is installed.

Table 101.1

Conditioning Load Amounts

Max Oven Volume	Total Beef Gravy/ Shortening Mixture	Beef Gravy Amount	Vegetable Oil Shortening Amount
3 cubic feet or 5184 in^3 (0.0850 m^3)	4 oz (113g)	2-4/5 oz (79g)	1-1/5 oz (34g)
5 cubic feet or 8640 in^3 (0.1416 m^3)	5 oz (~~113g~~ 142g)	3-1/3 oz (95g)	1-2/3 oz (47g)
6 cubic feet or 10368 in^3 (0.1699 m^3)	6 oz (~~113g~~ 170g)	4-1/4 oz (120g)	1-3/4 oz (50g)

BSR/UL 1063

Table 6.12

Maximum acceptable direct-current resistance of 19-wire combination round-wire unilay-stranded copper conductors

Metal coating of strands	AWG size of conductor	20℃		25℃	
		Ohms based on 1000 feet of conductor	Ohms based on 1 kilometer of conductor	Ohms based on 1000 feet of conductor	Ohms based on 1 kilometer of conductor
	14	2.78	9.15	2.85	9.32
	12	1.75	5.75	1.78	5.88
	10	1.08	3.55	1.10	3.62
	9	0.857	2.82	0.874	2.87
Each	8	0.679	2.23	0.692	2.27
	6	0.427	1.41	0.436	1.43
	5	0.339	1.11	0.346	1.13
coated	4	0.269	0.882	0.274	0.900
	3	0.213	0.700	0.217	0.713
	2	0.169	0.555	0.172	0.566
	1	0.1340	0.4398	0.1367	0.4485
	1/0	0.1063	0.3487	0.1084	0.3556
	2/0	0.08432	0.2766	0.08598	0.2820
	3/0	0.06688	0.2194	0.06820	0.2238
	4/0	0.05248	0.1722	0.5352	0.1755
	14	2.62	8.62	2.68	8.78
	~~13~~	~~2.08~~	~~6.82~~	~~2.12~~	~~6.97~~
	12	1.65	5.43	1.68	5.53
	~~11~~	~~1.32~~	~~4.30~~	~~1.34~~	~~4.39~~
	10	1.039	3.409	1.060	3.476
	9	0.8245	2.705	0.8407	2.758
Each	8	0.6535	2.144	0.6663	2.186
	~~7~~	~~0.5182~~	~~1.700~~	~~0.5284~~	~~1.734~~
strand	6	0.4122	1.348	0.4192	1.375
	5	0.3261	1.070	0.3225	1.091
uncoated	4	0.2585	0.8481	0.2636	0.8649
	3	0.2050	0.6727	0.2091	0.6860

	2	0.1626	0.5335	0.1659	0.5440
	1	0.1289	0.4230	0.1315	0.4313
	1/0	0.1022	0.3354	0.1042	0.3419
	2/0	0.08108	0.2660	0.08267	0.2712
	3/0	0.06431	0.2110	0.06558	0.2151
	4/0	0.05099	0.1673	0.05200	0.1705

Standards Action Publishing Schedule for 2012, Volume No. 43

Issue	Dates to Submit Data to PSA		Standards Action Dates & Public Review Comment Deadline			
No.	Submit Start	Submit End	SA Published	30-Day PR ends	45-Day PR Ends	60-day PR Ends
1	12/20/2011	12/26/2011	JAN-6	2/5/2012	2/20/2012	3/6/2012
2	12/27/2011	1/2/2012	JAN-13	2/12/2012	2/27/2012	3/13/2012
3	1/3/2012	1/9/2012	JAN-20	2/19/2012	3/5/2012	3/20/2012
4	1/10/2012	1/16/2012	JAN-27	2/26/2012	3/12/2012	3/27/2012
5	1/17/2012	1/23/2012	FEB-3	3/4/2012	3/19/2012	4/3/2012
6	1/24/2012	1/30/2012	FEB-10	3/11/2012	3/26/2012	4/10/2012
7	1/31/2012	2/6/2012	FEB-17	3/18/2012	4/2/2012	4/17/2012
8	2/7/2012	2/13/2012	FEB-24	3/25/2012	4/9/2012	4/24/2012
9	2/14/2012	2/20/2012	MAR-2	4/1/2012	4/16/2012	5/1/2012
10	2/21/2012	2/27/2012	MAR-9	4/8/2012	4/23/2012	5/8/2012
11	2/28/2012	3/5/2012	MAR-16	4/15/2012	4/30/2012	5/15/2012
12	3/6/2012	3/12/2012	MAR-23	4/22/2012	5/7/2012	5/22/2012
13	3/13/2012	3/19/2012	MAR-30	4/29/2012	5/14/2012	5/29/2012
14	3/20/2012	3/26/2012	APR-6	5/6/2012	5/21/2012	6/5/2012
15	3/27/2012	4/2/2012	APR-13	5/13/2012	5/28/2012	6/12/2012
16	4/3/2012	4/9/2012	APR-20	5/20/2012	6/4/2012	6/19/2012
17	4/10/2012	4/16/2012	APR-27	5/27/2012	6/11/2012	6/26/2012
18	4/17/2012	4/23/2012	MAY-4	6/3/2012	6/18/2012	7/3/2012
19	4/24/2012	4/30/2012	MAY-11	6/10/2012	6/25/2012	7/10/2012
20	5/1/2012	5/7/2012	MAY-18	6/17/2012	7/2/2012	7/17/2012
21	5/8/2012	5/14/2012	MAY-25	6/24/2012	7/9/2012	7/24/2012
22	5/15/2012	5/21/2012	JUN-1	7/1/2012	7/16/2012	7/31/2012
23	5/22/2012	5/28/2012	JUN-8	7/8/2012	7/23/2012	8/7/2012
24	5/29/2012	6/4/2012	JUN-15	7/15/2012	7/30/2012	8/14/2012
25	6/5/2012	6/11/2012	JUN-22	7/22/2012	8/6/2012	8/21/2012
26	6/12/2012	6/18/2012	JUN-29	7/29/2012	8/13/2012	8/28/2012
27	6/19/2012	6/25/2012	JUL-6	8/5/2012	8/20/2012	9/4/2012
28	12/20/2011	12/26/2011	JAN-6	2/5/2012	2/20/2012	3/6/2012

Standards Action Publishing Schedule for 2012, Volume No. 43

Issue	Dates to Submit Data to PSA		Standards Action Dates & Public Review Comment Deadline			
No.	Submit Start	Submit End	SA Published	30-Day PR ends	45-Day PR Ends	60-day PR Ends
29	6/26/2012	7/2/2012	JUL-13	8/12/2012	8/27/2012	9/11/2012
30	7/3/2012	7/9/2012	JUL-20	8/19/2012	9/3/2012	9/18/2012
31	7/10/2012	7/16/2012	JUL-27	8/26/2012	9/10/2012	9/25/2012
32	7/17/2012	7/23/2012	AUG-3	9/2/2012	9/17/2012	10/2/2012
33	7/24/2012	7/30/2012	AUG-10	9/9/2012	9/24/2012	10/9/2012
34	7/31/2012	8/6/2012	AUG-17	9/16/2012	10/1/2012	10/16/2012
35	8/7/2012	8/13/2012	AUG-24	9/23/2012	10/8/2012	10/23/2012
36	8/14/2012	8/20/2012	AUG-31	9/30/2012	10/15/2012	10/30/2012
37	8/21/2012	8/27/2012	SEP-7	10/7/2012	10/22/2012	11/6/2012
38	8/28/2012	9/3/2012	SEP-14	10/14/2012	10/29/2012	11/13/2012
39	9/4/2012	9/10/2012	SEP-21	10/21/2012	11/5/2012	11/20/2012
40	9/11/2012	9/17/2012	SEP-28	10/28/2012	11/12/2012	11/27/2012
41	9/18/2012	9/24/2012	OCT-5	11/4/2012	11/19/2012	12/4/2012
42	9/25/2012	10/1/2012	OCT-12	11/11/2012	11/26/2012	12/11/2012
43	10/2/2012	10/8/2012	OCT-19	11/18/2012	12/3/2012	12/18/2012
44	10/9/2012	10/15/2012	OCT-26	11/25/2012	12/10/2012	12/25/2012
45	10/16/2012	10/22/2012	NOV-2	12/2/2012	12/17/2012	1/1/2013
46	10/23/2012	10/29/2012	NOV-9	12/9/2012	12/24/2012	1/8/2013
47	10/30/2012	11/5/2012	NOV-16	12/16/2012	12/31/2012	1/15/2013
48	11/6/2012	11/12/2012	NOV-23	12/23/2012	1/7/2013	1/22/2013
49	11/13/2012	11/19/2012	NOV-30	12/30/2012	1/14/2013	1/29/2013
50	11/20/2012	11/26/2012	DEC-7	1/6/2013	1/21/2013	2/5/2013
51	11/27/2012	12/3/2012	DEC-14	1/13/2013	1/28/2013	2/12/2013
52	12/4/2012	12/10/2012	DEC-21	1/20/2013	2/4/2013	2/19/2013
53	12/11/2012	12/17/2012	DEC-28	1/27/2013	2/11/2013	2/26/2013
1	12/18/2012	12/24/2012	JAN-4	2/3/2013	2/18/2013	3/5/2013

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