ANSI STANDARDS ACTION

PUBLISHED WEEKLY BY THE AMERICAN NATIONAL STANDARDS INSTITUTE 25 West 43rd Street, NY, NY 10036

VOL. 43, #51 *December 21, 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

© 2012 by American National Standards Institute, Inc.
ANSI members may reproduce for internal distribution. Journals may excerpt items in their fields

ISSN 0038-9633

Comment Deadline: January 20, 2013

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

Addenda

BSR/ASHRAE Addendum 161g-201x, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161P-2007)

This standard defines the requirements for air quality in air-carrier aircraft and specifies methods for measurement and testing in order to establish compliance with the standard.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Online Comment Database at http://www.ashrae.org/public-review-drafts

EOS/ESD (ESD Association, Inc.)

New Standard

BSR/ESD SP3.4-201x, ESD Association Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - Periodic Verification of Air Ionizer Performance Using a Small Test Fixture (new standard)

This standard practice establishes measurement procedures, under recommended conditions, to periodically determine offset voltage (ion balance) and discharge (charge neutralization) times for ionizers in their actual use locations. This standard practice does not include measurements of electromagnetic interference (EMI), or uses of ionizers in connection with ordnance, flammables, explosive items, or electrically initiated explosive devices. Review is limited to strikethrough and underline text only.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Christina Earl, (315) 339 -6937, cearl@esda.org

EOS/ESD (ESD Association, Inc.)

Revision

BSR/ESD SP3.3-201x, ESD Association Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - Periodic Verification of Air Ionizers (revision of ANSI/ESD SP3.3-2006)

This standard practice establishes measurement procedures, under recommended conditions, to periodically determine offset voltage (ion balance) and discharge (charge neutralization) times for ionizers in their actual use locations. This standard practice does not include measurements of electromagnetic interference (EMI), or uses of ionizers in connection with ordnance, flammables, explosive items, or electrically initiated explosive devices. Review is limited to strikethrough and underline revisions.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Christina Earl, (315) 339 -6937, cearl@esda.org

TCIA (ASC A300) (Tree Care Industry Association)

Revision

BSR A300 (Part 3)-201x, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Supplemental Support Systems) (revision of ANSI A300 (Part 3)-2006)

A300 (Part 3) Supplemental Support Systems standards are performance standards for the installation of supplemental support systems for trees. Cabling, bracing, propping, and guying support methods are addressed. It is a guide in the drafting of supplemental support system specfications for consumers as well as federal, state, municipal, and private authorities including property owners, property managers, and utilities.

Click here to view these changes in full

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

Comment Deadline: February 4, 2013

APCO (Association of Public-Safety Communications Officials-International)

New Standard

BSR/APCO 3.106.1-201x, Core Competencies and Minimum Training Standards for Public Safety Communications Quality Assurance Evaluator (new standard)

To identify the core competencies and minimum training standards for Public Safety Communications quality assurance evaluators.

Single copy price: Free

Obtain an electronic copy from: mcduffiec@apcointl.org; standards@apcointl.org

Order from: Crystal McDuffie, (919) 625-6864, mcduffiec@apcointl.org; standards@apcointl.org

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.101/ISO 6166-201x, Securities and related financial instruments - International securities identification numbering systems (ISIN) (reaffirmation of ANSI X9.101/ISO 6166-2003)

This Standard provides a uniform structure for international securities identification numbers (ISINs). It is intended for use in any application in the trading and administration of securities and other financial instruments.

Single copy price: $60.00

Obtain an electronic copy from: janet.busch@x9.org

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

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.8 Part 1-2003 (R201x), Personal Identification Number PIN Management (reaffirmation of ANSI X9.8 Part 1-2003)

Basic principles and techniques which provide the minimum security measures required for effective international PIN management. PIN protection techniques applicable to financial transaction card originated transactions in an online environment and a standard means of interchanging PIN data.

Single copy price: $100.00

Obtain an electronic copy from: janet.busch@x9.org

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

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

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME BPVC Section V-201x, Nondestructive Examination (revision of ANSI/ASME BPVC Section V-2010)

Section V of the ASME Boiler & Pressure Vessel Code contains requirements and methods for nondestructive examination (NDE) which are referenced and required by other Sections of the Code. These NDE methods are intended to detect surface and internal imperfections in materials, welds, fabricated parts and components. The following NDE methods are addressed: radiography, ultrasonics, liquid penetrant, magnetic particle, eddy current, visual, leak testing, and acoustic emission.

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 psa@ansi.org) to: Joseph Brzuszkiewicz, (212) 591-8533, brzuszkiewiczj@asme.org

AWWA (American Water Works Association)

Revision

BSR/AWWA F101-201x, Contact-Molded, Fiberglass-Reinforced Plastic Wash-Water Troughs and Launders (revision of ANSI/AWWA F101-2007)

This standard describes the minimum requirements for fiberglass-reinforced plastic wash-water troughs and launders made by the contact-molding process, including flat-bottom, round-bottom, and V-bottom troughs and launders. Requirements are included for materials, properties, design, construction, dimensions, tolerances, work quality, and appearance. This standard also describes the requirements for using general-purpose and chemical-resistant resins.

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

AWWA (American Water Works Association)

Revision

BSR/AWWA F102-201x, Match-Die-Molded, Fiberglass-Reinforced Plastic Weir Plates, Scum Baffles, and Mounting Brackets (revision of ANSI/AWWA F102-2007)

This standard describes the minimum requirements for fiberglass-reinforced plastic weir plates, scum baffles, mounting brackets, lap plates, cover washers, and weir pans, fabricated with the matched-die molding process. Included are requirements for design, construction, dimensions, tolerances, physical properties, work quality, appearance, and installation. This standard contains the requirements for using general-purpose and chemical-resistant resins.

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

BHMA (Builders Hardware Manufacturers Association)

Revision

BSR/BHMA A156.1-201x, Standard for Butts and Hinges (revision of ANSI/BHMA A156.1-2006)

This Standard establishes requirements for lightweight, standard weight, heavy weight and detention hinges. Cycle tests, lateral and vertical wear tests, friction tests, strength tests, finish tests, and material and dimensional requirements are included.

Single copy price: $36.00 (Nonmembers)/$18.00 (BHMA Members)

Order from: Michael Tierney, (212) 297-2127, mtierney@kellencompany.com

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

CSA (CSA Group)

Revision

BSR Z21.11.2a-201x, Standard for Gas-Fired Room Heaters, Volume II, Unvented Room Heaters (revision of ANSI Z21.11.2a-2008)

Details test and examination criteria for unvented heaters for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures. Such heaters are limited to Maximum input ratings of 40,000 Btu per hour.

Single copy price: $50.00

Obtain an electronic copy from: cathy.rake@csagroup.org

Order from: Cathy Rake, (216) 524-4990, cathy.rake@csagroup.org

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

ECA (Electronic Components Association)

Revision

BSR/EIA 364-31D-201x, Humidity Test Procedure for Electrical Connectors and Sockets (revision of ANSI/EIA 364-31C-2008)

The purpose of these tests is to evaluate materials and/or connector/socket assemblies as they are impacted by the effects of high humidity and heat. These tests are intended to be noncondensing.

Single copy price: $80.00

Obtain an electronic copy from: global.ihs.com 1-877-413-5184

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

Send comments (with copy to psa@ansi.org) to: Edward Mikoski, (571) 323-0253, emikoski@eciaonline.org; ldonohoe@eciaonline.org

INMM (ASC N14) (Institute of Nuclear Materials Management)

New Standard

BSR/N14.36-201x, Measurement of Radiation Level and Surface Contamination for Packages and Conveyances (new standard)

This standard sets forth methods for radiation and contamination measurement for packaging and transportation of radioactive material by all transportation modes and during all phases of transportation activities. The objective of this standard is to provide users with an approach to conformance with regulations that control residual surface contamination and external radiation of shipping packages and conveyances.

Single copy price: Free

Obtain an electronic copy from: N14Secretary@yahoo.com

Order from: Ronald Natali, (435) 258-3730, N14Secretary@yahoo.com

Send comments (with copy to psa@ansi.org) to: N14Secretary@yahoo.com

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

New National Adoption

INCITS/ISO 19144-2-201x, Geographic information - Classification systems -- Part 2: Land Cover Meta Language (LCML) (identical national adoption of ISO 19144-2:2012)

This part of ISO 19144 specifies a Land Cover Meta Language (LCML) expressed as a UML metamodel that allows different land cover classification systems to be described based on the physiognomic aspects. This part of ISO 19144 also specifies the detailed structure of a register for the extension of LCML but does not specify the maintenance of the register. This part of ISO 19144 recognizes that there exist a number of land cover classification systems. It provides a common reference structure for the comparison and integration of data for any generic land cover classification system, but does not intend to replace those classification systems.

Single copy price: $250.00

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

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

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

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

New National Adoption

INCITS/ISO 19144-1-201x/Cor 1-201x, Geographic information - Classification systems - Part 1: Classification system structure, Technical Corrigendum 1 (identical national adoption of ISO 19144-1:2009/Cor 1:2012)

This Technical Corrigendum affects Part 1 of ISO 19144, which establishes the structure of a geographic information classification system, together with the mechanism for defining and registering the classifiers for such a system. It specifies the use of discrete coverages to represent the result of applying the classification system to a particular area and defines the technical structure of a register of classifiers in accordance with ISO 19135.

Single copy price: Free

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

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

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

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

BSR/TAPPI T 271 om-201x, Fiber length of pulp and paper by automated optical analyzer using polarized light (new standard)

This is an automated method by which the numerical and weighted average fiber lengths and fiber length distributions of pulp and paper can be measured using light polarizing optics in the range of 0.1 mm to 7.2 mm.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Charles Bohanan, (770) 209-7276, standards@tappi.org

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

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

BSR/TAPPI T 410 om-201x, Grammage of paper and paperboard (weight per unit area) (new standard)

The area of several sheets of the paper or paperboard is determined from linear measurements and the mass (commonly called “weight”) is determined by weighing. The grammage is calculated from the ratio of the mass to the area after conversion to metric units when necessary.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Charles Bohanan, (770) 209-7276, standards@tappi.org

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

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

BSR/TAPPI T 512 sp-201x, Creasing of flexible packaging material paper specimens for testing (new standard)

This standard practice describes a creasing procedure for tests requiring creased specimens of flexible packaging materials made of paper or paper-based materials. In most instances, it is advantageous to compare the results of the creased specimens with those of uncreased specimens. This standard practice is not applicable to board grades (those exceeding 0.25 mm [0.01 in.] in thickness).

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Charles Bohanan, (770) 209-7276, standards@tappi.org

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

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

BSR/TAPPI T 834 om-201x, Determination of containerboard roll hardness (new standard)

This test method describes a procedure to determine the uniformity in relative hardness of rolls of containerboard. Since several devices are currently available that use significantly differing technologies to determine hardness, this method only addresses the actual measurement process and not the test equipment specifically.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Charles Bohanan, (770) 209-7276, standards@tappi.org

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

TCIA (ASC A300) (Tree Care Industry Association)

New Standard

BSR A300 (Part 8)-201x, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Root Management) (new standard)

A300 (Part 8) Root Management standards will be performance standards for the management of roots. Methods for root pruning and cutting, directing root growth, and managing roots in fill are addressed. It will be a guide in the drafting of root management specifications for consumers as well as federal, state, municipal, and private authorities including property owners, property managers, and utilities.

Single copy price: Electronic copy -Free; Paper copies - $15.00 each for S&H

Obtain an electronic copy from: rrouse@tcia.org

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

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

TCIA (ASC A300) (Tree Care Industry Association)

Revision

BSR A300 (Part 4)-201x, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Lightning Protection Systems) (revision of ANSI A300 (Part 4)-2008)

A300 (Part 3) Lightning Protection Systems standards are performance standards for the installation of lightning protection systems for trees. System design for trees is addressed. It is a guide in the drafting of tree lightning protection system specifications for consumers as well as federal, state, municipal, and private authorities including property owners, property managers, and utilities.

Single copy price: Electronic copy -Free; Paper copies - $15.00 each for S&H

Obtain an electronic copy from: rrouse@tcia.org

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

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60079-0-201X, Standard for Safety for Explosive Atmospheres - Part 0: Equipment - General Requirements (Proposal dated 12-21-12) (national adoption of IEC 60079-0 with modifications and revision of ANSI/UL 60079-0-2009)

This recirculation proposal provides revisions to the bulletin dated May 11, 2012 for the PNE of UL 60079-0 based upon the comments received. This revision is a complete rewrite of text to coincide with the IEC text and contains US deviations.

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: Vickie Hinton, (919) 549 -1851, vickie.t.hinton@ul.com

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 2565-201x, Standard for Safety for Manual and Semiautomatic Metal Sawing Machines (new standard)

This standard covers manual and semi-automatic metal sawing machines that use a saw blade (tool) to cut off or change the shape of the work piece and are intended for use in industrial or commercial applications. Machines are manually operated or capable of performing one cutting cycle of operation, which is manually actuated.

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: Beth Northcott, (847) 664 -3198, Elizabeth.Northcott@ul.com

Comment Deadline: February 19, 2013

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME Y32.18-1972 (R201x), Symbols for Mechanical and Acoustical Elements as Used in Schematic Diagrams (reaffirmation of ANSI/ASME Y32.18-1972 (R2008))

This standard presents symbols and definitions that may be used in constructing schematic diagrams for mechanical and acoustical systems whose performances are describable by finite sets of scalar variables. The choice of symbols described herein is based upon the following assumptions:

(a) A system can be divided conceptually into a finite set of elements each of whose dynamical properties are known;

(b) To each such conceptual element there can be assigned a set of terminals; and

(c) Symbols for the elements shall be interconnected to form a schematic diagram for the whole system so that field equations shall be satisfied at every junction point and around every closed loop.

The symbols that appear in this standard were evolved with the following principles in mind:

(a) It shall be possible to draw the symbols easily and quickly;

(b) The symbol shall be distinctive and where feasible shall suggest some well-known embodiment of the element in question; and

(c) The symbols shall preferably have been used previously in the scientific literature.

Single copy price: $29.00

Order from: 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: Fredric Constantino, (212) 591-8684, constantinof@asme.org

IAPMO (Z) (International Association of Plumbing & Mechanical Officials)

New Standard

BSR/IAPMO Z1033-201x, Flexible PVC Hoses and Tubing for Pools, Hot Tubs, Spas, and Jetted Bathtubs (new standard)

This Standard covers flexible PVC hoses and tubing for use on pools, hot tubs, spas, and jetted bathtubs and specifies requirements for materials, physical characteristics, performance tests, and markings. Flexible PVC hoses and tubing covered by this Standard are intended to be used on hot tub, spa, and jetted bathtub (a) water circulation systems; (b) pneumatic systems; and (c) solar heating applications in which the tubing is intended to be protected from the elements when installed.

Single copy price: $70.00

Obtain an electronic copy from: abraham.murra@iapmort.org

Order from: Abraham Murra, (909) 472-4106, abraham.murra@iapmort.org

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

Projects Withdrawn from Consideration

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

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI/ISO PC14708-6-201x, Implants for surgery - Active implantable medical devices - Part 6: Particular requirements for active implantable medical devices intended to treat tachyarrhythmia (including implantable defibrillators) (national adoption with modifications of ISO 14708-6:2010)

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.

BHMA (Builders Hardware Manufacturers Association)

Office: 355 Lexington Avenue
15th Floor
New York, NY 10017-6603

Contact: *Michael Tierney*

Phone: (212) 297-2127

Fax: (212) 370-9047

E-mail: mtierney@kellencompany.com

BSR/BHMA A156.1-201x, Standard for Butts and Hinges (revision of ANSI/BHMA A156.1-2006)

ISEA (International Safety Equipment Association)

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

Contact: *Cristine Fargo*

Phone: (703) 525-1695

Fax: (703) 525-1698

E-mail: cfargo@safetyequipment.org

BSR/ISEA 101-201x, Limited-Use and Disposable Coveralls - Size and Labeling Requirements (revision of ANSI/ISEA 101-1996 (R2008))

BSR/ISEA 113-201x, Fixed and Portable Decontamination Shower Units (revision of ANSI/ISEA 113-2008)

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

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

Contact: *Barbara Bennett*

Phone: (202) 626-5743

Fax: (202) 638-4922

E-mail: bbennett@itic.org

INCITS/ISO 19144-2-201x, Geographic information - Classification systems - Part 2: Land Cover Meta Language (LCML) (identical national adoption of ISO 19144-2:2012)

INCITS/ISO 19144-1-201x/Cor 1-201x, Geographic information - Classification systems - Part 1: Classification system structure, Technical Corrigendum 1 (identical national adoption of ISO 19144 -1:2009/Cor 1:2012)

INCITS/ISO/IEC 14651:2011/Amd 1:2012, Information technology -- International string ordering and comparison -- Method for comparing character strings and description of the common template tailorable ordering - Amendment 1 (identical national adoption of ISO/IEC 14651:2011/Amd 1:2012)

LIA (ASC Z136) (Laser Institute of America)

Office: 13501 Ingenuity Drive
Suite 128
Orlando, FL 32826

Contact: *Barbara Sams*

Phone: (407) 380-1553

Fax: (407) 380-5588

E-mail: bsams@lia.org

BSR Z136.3-201x, Standard for Safe Use of Lasers in Health Care (revision of ANSI Z136.3-2011)

OPEI (Outdoor Power Equipment Institute)

Office: 341 South Patrick Street
Alexandria, VA 22314

Contact: *Daniel Mustico*

Phone: (703) 549-7600

Fax: (703) 549-7604

E-mail: dmustico@opei.org

BSR/OPEI B71.12-201x, Consumer Turf Care Equipment - Pedestrian-Controlled Mowers - Electric Motor Operated - Safety Specifications (new standard)

BSR/OPEI B71.13-201x, Consumer Turf Care Equipment - Ride-On Mowers - Electric Motor Operated - Safety Specifications (new standard)

BSR/OPEI B71.14-201x, Commercial Turf Care Equipment - Pedestrian-Controlled Mowers - Electric Motor Operated - Safety Specifications (new standard)

BSR/OPEI B71.15-201x, Commercial Turf Care Equipment - Ride-On Mowers - Electric Motor Operated - Safety Specifications (new standard)

TIA (Telecommunications Industry Association)

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

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 102.BAEF-201x, Packet Data Host Network Interface (new standard)

BSR/TIA 102.BAEG-201x, Mobile Data Peripheral Interface (new standard)

BSR/TIA 102.BAEJ-201x, Conventional Management Service Specification for Packet Data (new standard)

BSR/TIA 470.112-201x, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Wideband Analog Telephones with Handsets (new standard)

BSR/TIA 470.122-201x, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Wideband Analog Telephones with Speakerphones (new standard)

BSR/TIA 470.132-201x, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Wideband Analog Telephones with Headsets (new standard)

BSR/TIA 470.340-201x, Telecommunications - Telephone Terminal Equipment - Feature Performance Requirements for Wideband Analog Telephones Used with VoIP Services (new standard)

BSR/TIA 4957.000-201x, Overview and Architecture (new standard)

Final Actions on American National Standards

The standards actions listed below have been approved by the ANSI Board of Standards Review (BSR) or by an ANSI-Audited Designator, as applicable.

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

ANSI/AAMI ST15883-3-2012 (ISO 15883-3-2006)MOD, Washer-disinfectors - Part 3: Requirements and tests for washer-disinfectors employing thermal disinfection for human waste containers (national adoption with modifications of ISO 15883-3:2006): 12/10/2012

AISI (American Iron and Steel Institute)

Reaffirmation

ANSI/AISI S230-2007 (R2012), North American Standard for Cold-Formed Steel Framing - Prescriptive Method for One and Two Family Dwellings - 2007 Edition (Reaffirmed 2012) (reaffirmation and redesignation of ANSI/AISI S230-2007, ANSI/AISI S230 -2007/S1-2008, and ANSI/AISI S230-2007/S2-2008): 12/13/2012

Revision

ANSI/AISI S100-2012, North American Specification for the Design of Cold-Formed Steel Structural Members (revision, redesignation and consolidation of ANSI/AISI S100-2007, ANSI/AISI S100-2007/S1 -2009, and ANSI/AISI S100-2007/S2-2010): 12/13/2012

APCO (Association of Public-Safety Communications Officials-International)

New Standard

ANSI/APCO 3.102.1-2012, Core Competencies and Minimum Training Standards for Public Safety Communications Supervisor (new standard): 12/7/2012

ANSI/APCO ANS 3.104.1-2012, Core Competencies and Minimum Training Standard for Public Safety Communications Training Coordinator (new standard): 12/7/2012

ASABE (American Society of Agricultural and Biological Engineers)

Revision

ANSI/ASAE EP411.5-2012, Guidelines for Measuring and Reporting Environmental Parameters for Plant Experiments in Growth Chambers (revision and redesignation of ANSI/ASAE EP411.4-2002 (R2007)): 12/11/2012

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME PCC 3-2007 (R2012), Inspection Planning Using Risk Based Methods (reaffirmation of ANSI/ASME PCC-3-2007): 12/11/2012

ASTM (ASTM International)

New Standard

ANSI/ASTM D7826-2012, Standard Guide for the Evaluation of New Fuels and New Fuel Additives for Use in Aviation Spark-Ignition Engines and Associated Aircraft Installations (new standard): 11/20/2012

ANSI/ASTM F2986-2012, Specification for Corrugated Polyethylene Pipe and Fittings for Mine Leachate Applications (new standard): 11/20/2012

ANSI/ASTM F2987-2012, Specification for Corrugated Polyethylene Pipe and Fittings for Mine Heap Leach Aeration Applications (new standard): 11/20/2012

ANSI/ASTM F2988-2012, Specification for Standard Specification for Commercial Coffee Maker, Electric, Automatic (new standard): 11/20/2012

Reaffirmation

ANSI/ASTM F1625-2000 (R2012), Specification and Test Method for Rear-Mounted Bicycle Child Carriers (reaffirmation of ANSI/ASTM F1625-2000 (R2008)): 11/20/2012

ANSI/ASTM F1849-2007 (R2012), Specification for Helmets Used in Short Track Speed Ice Skating (not to Include Hockey) (reaffirmation of ANSI/ASTM F1849-2007): 11/20/2012

ANSI/ASTM F2711-2008 (R2012), Test Methods for Bicycle Frames (reaffirmation of ANSI/ASTM F2711-2008): 11/20/2012

Revision

ANSI/ASTM D1322-2012, Test Method for Smoke Point of Kerosine and Aviation Turbine Fuel (revision of ANSI/ASTM D1322-2008): 11/20/2012

ANSI/ASTM D1655-2012a, Specification for Aviation Turbine Fuels (revision of ANSI/ASTM D1655-2012): 11/20/2012

ANSI/ASTM D2239-2012a, Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter (revision of ANSI/ASTM D2239-2012): 11/20/2012

ANSI/ASTM D2737-2012a, Specification for Polyethylene (PE) Plastic Tubing (revision of ANSI/ASTM D2737-2012): 11/20/2012

ANSI/ASTM D3241-2012b, Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels (revision of ANSI/ASTM D3241 -2011a): 11/20/2012

ANSI/ASTM D3244-2012, Practice for Utilization of Test Data to Determine Conformance with Specifications (revision of ANSI/ASTM D3244-2007a): 12/1/2012

ANSI/ASTM D7547-2012, Specification for Unleaded Aviation Gasoline (revision of ANSI/ASTM D7547-2011): 11/20/2012

ANSI/ASTM D7566-2012, Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons (revision of ANSI/ASTM D7566-2011a): 11/20/2012

ANSI/ASTM E23-2012c, Test Methods for Notched Bar Impact Testing of Metallic Materials (revision of ANSI/ASTM E23-2012B): 11/20/2012

ANSI/ASTM E84-2012b, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84 -2012a): 11/20/2012

ANSI/ASTM E176-2012, Terminology of Fire Standards (revision of ANSI/ASTM E176-2010a): 11/20/2012

ANSI/ASTM E230-2012, Specification and Temperature-Electromotive Force (EMF) Tables for Standardized Thermocouples (revision of ANSI/ASTM E230-2011): 11/20/2012

ANSI/ASTM E1302-2012, Guide for Acute Animal Toxicity Testing of Water-miscible Metalworking Fluids (revision of ANSI/ASTM E1302 -2000 (R2007)): 11/20/2012

ANSI/ASTM E2169-2012, Practice for Selecting Antimicrobial Pesticides for Use in Water-Miscible Metalworking Fluids (revision of ANSI/ASTM E2169-2001 (R2007)): 11/20/2012

ANSI/ASTM E2335-2012, Guide for Laboratory Monitors (revision of ANSI/ASTM E2335-2008): 12/1/2012

ANSI/ASTM E2709-2012, Practice for demonstrating Capability to Comply with an Acceptance Procedure (revision of ANSI/ASTM E2709-2011): 11/20/2012

ANSI/ASTM E2748-2012a, Guide for Fire-Resistance Experiments (revision of ANSI/ASTM E2748-2012): 11/20/2012

ANSI/ASTM E2816-2012, Test Methods for Fire Resistive Metallic HVAC Duct Systems (revision of ANSI/ASTM E2816-2011): 11/20/2012

ANSI/ASTM F714-2012a, Specification for Polyethylene (PE) Plastic Pipe (Dr-Pr) Based on Outside Diameter (revision of ANSI/ASTM F714-2012): 11/20/2012

ANSI/ASTM F810-2012, Specification for Smoothwall Polyethylene (PE) Pipe for Use in Drainage and Waste Disposal Absorption Fields (revision of ANSI/ASTM F810-2006): 11/20/2012

ANSI/ASTM F952-2012, Specification for Mixing Machines, Food, Electric (revision of ANSI/ASTM F952-2008): 11/20/2012

ANSI/ASTM F1126-2012, Specification for Food Cutters (Electric) (revision of ANSI/ASTM F1126-2008): 11/20/2012

ANSI/ASTM F1446-2012, Test Methods for Equipment and Procedures Used in Evaluating the Performance Characteristics of Protective Headgear (revision of ANSI/ASTM F1446-2011): 11/20/2012

ANSI/ASTM F1568-2012, Specification for Food Processors, Electric (revision of ANSI/ASTM F1568-2008): 11/20/2012

ANSI/ASTM F1602-2012, Specification for Kettles, Steam-Jacketed, 20 to 200 Gal (75.7 to 757 L), Floor or Wall Mounted, Direct Steam, Gas and Electric Heated (revision of ANSI/ASTM F1602-2007): 11/20/2012

ANSI/ASTM F1603-2012, Specification for Kettles, Steam-Jacketed, 32 Oz to 20 Gal (1 to 75.7 L), Tilting, Table Mounted, Direct Steam, Gas and Electric Heated (revision of ANSI/ASTM F1603-2007): 11/20/2012

ANSI/ASTM F1966-2012, Specification for Dough Divider and Rounding Machines (revision of ANSI/ASTM F1966-2008): 11/20/2012

ANSI/ASTM F2080-2012, Specification for Cold-Expansion Fittings with Metal Compression-Sleeves for Cross-Linked Polyethylene (PEX) Pipe (revision of ANSI/ASTM F2080-2009): 11/20/2012

ANSI/ASTM F2220-2012, Specification for Headforms (revision of ANSI/ASTM F2220-2011): 11/20/2012

ANSI/ASTM F2390-2012, Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent (DWV) Pipe and Fittings Having Post-Industrial Recycle Content (revision of ANSI/ASTM F2390 -2006): 11/20/2012

ANSI/ASTM F2917-2012, Specification for Bicycle Trailer Cycles Designed for Human Passengers (revision of ANSI/ASTM F2917 -2011): 11/20/2012

BHMA (Builders Hardware Manufacturers Association)

Revision

* ANSI/BHMA A156.24-2012, Delayed Egress Locking Systems (revision of ANSI/BHMA A156.24-2003): 12/12/2012

ECA (Electronic Components Association)

New Standard

* ANSI/EIA 966-2012, Specification for Serial Attachment 3 GBs 2X Unshielded Connector (new standard): 12/7/2012

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

ANSI/IEEE 802.1BA-2011, Standard for Local and Metropolitan Area Networks - Audio Video Bridging (AVB) Systems (new standard): 12/7/2012

ANSI/IEEE 1658-2011, Standard for Terminology and Test Methods of Digital-to-Analog Converter Devices (new standard): 12/10/2012

ANSI/IEEE 1682-2011, Trial-Use Standard for Qualifying Fiber Optic Cables, Connections and Optical Fiber Splices for Use in (new standard): 12/12/2012

ANSI/IEEE 11073-10406-2011, Health Informatics - Personal Health Device Communication - Device Specialization - Basic Electrocardiograph (ECG) (1 to 3- lead ECG) (new standard): 12/12/2012

ANSI/IEEE 11073-10418-2011, Health Informatics - Personal Health Device Communication - Device Specialization - International Normalized Ratio (INR) Monitor (new standard): 12/12/2012

Revision

ANSI/IEEE C37.10-2011, Guide for Investigation, Analysis and Reporting of Power Circuit Breaker Failures (revision of ANSI/IEEE C37.10-1996 (R2008)): 12/12/2012

ANSI/IEEE C57.16-2011, Standard Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Connected Reactors (revision of ANSI/IEEE C57.16-1996 (R2001)): 12/7/2012

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

New National Adoption

INCITS/ISO/IEC 19118-2012, Geographic information - Encoding (identical national adoption of ISO 19118:2011 and revision of INCITS/ISO/IEC 19118-2005 (R2011)): 12/7/2012

INCITS/ISO/IEC 24739-1-2012, Information technology - AT Attachment with Packet Interface - 7 - Part 1: Register Delivered Command Set, Logical Register Set (ATA/ATAPI-7 V1) (identical national adoption of ISO/IEC 24739-1:2009): 12/12/2012

INCITS/ISO/IEC 24739-2:2012, Information technology - AT Attachment with Packet Interface - 7 - Part 2: Parallel transport protocols and physical interconnect (ATA/ATAPI-7) (identical national adoption of ISO/IEC 24739-2:2009): 12/12/2012

INCITS/ISO/IEC 24739-3:2012, Information technology - AT Attachment with Packet Interface - 7 - Part 3: Serial transport protocols and physical interconnect (ATA/ATAPI-7 V3) (identical national adoption of ISO/IEC 24739-3:2010): 12/12/2012

Withdrawal

ANSI INCITS 317-1998), Information technology - AT Attachment with Packet Interface Extension - (ATA/ATAPI-4) (withdrawal of ANSI INCITS 317-1998 (R2008)): 12/11/2012

INCITS/ISO/IEC 10741-1-1995, Information technology - User system interfaces - Dialogue interaction - Part 1: Cursor control for text editing (withdrawal of INCITS/ISO/IEC 10741-1-1995): 12/11/2012

INCITS/ISO/IEC 11581-1-2000, Information technology - User system interfaces and symbols - Icon symbols and functions - Part 1: Icons - General (withdrawal of INCITS/ISO/IEC 11581-1-2000): 12/11/2012

INCITS/ISO/IEC 11581-2-2000, Information technology - User system interfaces and symbols - Icon symbols and functions - Part 2: Object icons (withdrawal of INCITS/ISO/IEC 11581-2-2000): 12/11/2012

INCITS/ISO/IEC 11581-3-2000, Information technology - User system interfaces and symbols - Icon symbols and functions - Part 3: Pointer icons (withdrawal of INCITS/ISO/IEC 11581-3-2000): 12/11/2012

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

ANSI/TAPPI T 262 sp-2012, Preparation of mechanical pulps for testing (new standard): 12/12/2012

ANSI/TAPPI T 272 sp-2012, Forming handsheets for reflectance testing of pulp (sheet machine procedure) (new standard): 12/12/2012

ANSI/TAPPI T 437 om-2012, Dirt in paper and paperboard (new standard): 12/12/2012

ANSI/TAPPI T 551 om-2012, Thickness of paper and paperboard (soft platen method) (new standard): 12/12/2012

ANSI/TAPPI T 563 om-2012, Equivalent black area (EBA) and count of visible dirt in pulp, paper and paperboard by image analysis (new standard): 12/12/2012

ANSI/TAPPI T 657 sp-2012, Sampling of fillers and pigments (new standard): 12/12/2012

ANSI/TAPPI T 804 om-20102, Compression test of fiberboard shipping containers (new standard): 12/12/2012

ANSI/TAPPI T 839 om-2012, Edgewise compressive strength of corrugated fiberboard using the clamp method (short column test) (new standard): 12/12/2012

ANSI/TAPPI T 1500 gl-2012, Optical measurements terminology (related to appearance evaluation of paper) (new standard): 12/12/2012

UL (Underwriters Laboratories, Inc.)

Reaffirmation

ANSI/UL 497A-2004 (R2012), Standard for Safety for Secondary Protectors for Communications Circuits (reaffirmation of ANSI/UL 497A-2004 (R2008)): 12/13/2012

ANSI/UL 2079-2008 (R2012), Standard for Tests for Fire Resistance of Building Joint Systems (reaffirmation of ANSI/UL 2079-2008): 12/12/2012

Revision

ANSI/UL 2202-2012a, Standard for Safety for Electric Vehicle (EV) Charging System Equipment (revision of ANSI/UL 2202-2012): 12/13/2012

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.

ASCE (American Society of Civil Engineers)

Office: 1801 Alexander Bell Dr
Reston, VA 20191

Contact: *James Neckel*

E-mail: jneckel@asce.org

BSR/ASCE/EWRI 44-05-201x, Standard Practice for the Design and Operation of Supercooled Fog Dispersal Projects (new standard)

Stakeholders: Airport and airfield operators.

Project Need: There is no current standard created through an ANSI approved consensus process.

This document describes the standard practice for the design and operations for supercooled fog dispersal projects. This document provides information on the planning, conduct, and evaluation of such efforts. This document includes a technical section on fog characteristics for the users who may not have significant experience in weather modification science, especially as it pertains to supercooled fog dispersal projects.

ASME (American Society of Mechanical Engineers)

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

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ANSIBox@asme.org

BSR/ASME Y14.2M-201x, Line Conventions and Lettering (revision of ANSI/ASME Y14.2M-2008)

Stakeholders: Aerospace and automotive manufacturers, design engineers.

Project Need: The committee is working on a new revision in order to better define "h" as the letter height. Additionally, it is planned to better harmonize the document with figures of Y14.5, as well as add 3D views to a majority of figures.

This standard establishes the line and lettering practices for use in the preparation of engineering drawings, including the recognition of the requirements for CAD (Computer Aided Design) and manual preparation for their reduction and reproduction.

BSR/ASME Y14.31-201x, Undimensioned Drawings (revision of ANSI/ASME Y14.31-2008)

Stakeholders: Automotive and aerospace manufacturers, design engineers.

Project Need: It is planned to update certain references, as well as look into adding wording for registration marks on artwork type items such as decals. In addition, some clarifications will be made regarding U.S. Customary units.

This Standard establishes the requirements for undimensioned drawings that graphically define items with true geometry view(s) and predominantly without the use of dimensions.

ATIS (Alliance for Telecommunications Industry Solutions)

Office: 1200 G Street, NW
Suite 500
Washington, DC 20005

Contact: *Kerrianne Conn*

Fax: (202) 347-7125

E-mail: kconn@atis.org

BSR ATIS 0300218-201x, Integrated Services Digital Network (ISDN) Management - Data-Link and Network Layers (revision of ANSI ATIS 0300218-1999 (R2010))

Stakeholders: Communications Industry.

Project Need: To cover the maintenance of the layer 2 (data-link-layer) and layer 3 (network-layer) peer relationships between the exchange termination (ET) and the customer equipment.

This document covers maintenance of the layer 2 (data-link-layer) and layer 3 (network-layer) peer relationships between the exchange termination (ET) and the customer equipment.

ISEA (International Safety Equipment Association)

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

Contact: *Cristine Fargo*

Fax: (703) 525-1698

E-mail: cfargo@safetyequipment.org

BSR/ISEA 101-201x, Limited-Use and Disposable Coveralls - Size and Labeling Requirements (revision of ANSI/ISEA 101-1996 (R2008))

Stakeholders: Safety apparel manufacturers and suppliers, users including those in some chemical, construction, painting, abatement and clean-up industries.

Project Need: Provides updated content to reflect current workforce population sizing.

This standard provides requirements for finished dimensions, labeling, and packaging of limited-use and disposable coveralls. The standard also includes a sizing chart to provide the user with guidelines to assist in the selection of correct size.

BSR/ISEA 113-201x, Fixed and Portable Decontamination Shower Units (revision of ANSI/ISEA 113-2008)

Stakeholders: Equipment manufacturers and suppliers, medical and hospital facilities, emergency responders and emergency planners.

Project Need: Provides updated performance criteria for products covered by this standard to reflect current practice and technology.

This standard addresses testing criteria for fixed and portable showers designed for decontamination facilities used by first responders and receiving medical facilities for treating initial decontamination of victims of exposure.

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

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

Contact: *Barbara Bennett*

Fax: (202) 638-4922

E-mail: bbennett@itic.org

INCITS/ISO/IEC 14651:2011/Amd 1:2012, Information technology - International string ordering and comparison - Method for comparing character strings and description of the common template tailorable ordering - Amendment 1 (identical national adoption of ISO/IEC 14651:2011/Amd 1:2012)

Stakeholders: ICT industry.

Project Need: Adoption of this International Standard will be beneficial to the ICT industry.

This Amendment is the first amendment to ISO/IEC 14651:2011 which defines a reference comparison method. This method is applicable to two character strings to determine their collating order in a sorted list. The method can be applied to strings containing characters from the full repertoire of ISO/IEC 10646. This method is also applicable to subsets of that repertoire, such as those of the different ISO/IEC 8-bit standard character sets, or any other character set, standardized or not, to produce ordering results valid (after tailoring) for a given set of languages for each script.

LIA (ASC Z136) (Laser Institute of America)

Office: 13501 Ingenuity Drive
Suite 128
Orlando, FL 32826

Contact: *Barbara Sams*

Fax: (407) 380-5588

E-mail: bsams@lia.org

BSR Z136.3-201x, Standard for Safe Use of Lasers in Health Care (revision of ANSI Z136.3-2011)

Stakeholders: Stakeholders include, but are not limited to, health care personnel, practitioners, clinicians, ancillary personnel and others, including patients, who use or may be exposed to laser medical devices in the health care environment.

Project Need: User standards and guidelines are needed for the safe use of lasers as diagnostic and therapeutic modalities in health care environments and applications.

The standard provides guidance for the safe use of lasers in the health care environment. This guidance assists the establishment and monitoring of programs that promote the safe use of lasers in health care. The scope of this standard includes all circumstances when people may be exposed to a laser used in health care applications. Specific processes are provided to protect anyone who might become exposed to laser radiation during diagnostic or therapeutic procedures.

OPEI (Outdoor Power Equipment Institute)

Office: 341 South Patrick Street
Alexandria, VA 22314

Contact: *Daniel Mustico*

Fax: (703) 549-7604

E-mail: dmustico@opei.org

* BSR/OPEI B71.12-201x, Consumer Turf Care Equipment - Pedestrian-Controlled Mowers - Electric Motor Operated - Safety Specifications (new standard)

Stakeholders: Producers; users; general interest.

Project Need: To establish an electric-powered product safety standard equivalent to the gas-powered product standard.

This standard specifies safety requirements for electric motor operated pedestrian-controlled (walk-behind) lawnmowers intended for consumer (household) use.

* BSR/OPEI B71.13-201x, Consumer Turf Care Equipment - Ride-On Mowers - Electric Motor Operated - Safety Specifications (new standard)

Stakeholders: Producers; users; general interest.

Project Need: To establish an electric-powered product safety standard equivalent to the gas-powered product standard.

This standard specifies safety requirements for electric-motor-operated ride-on lawnmowers intended for consumer (household) use.

* BSR/OPEI B71.14-201x, Commercial Turf Care Equipment - Pedestrian-Controlled Mowers - Electric Motor Operated - Safety Specifications (new standard)

Stakeholders: Producers; users; general interest.

Project Need: To establish an electric-powered product safety standard equivalent to the gas-powered product standard.

This standard specifies safety requirements for electric-motor-operated pedestrian-controlled lawnmowers intended for commercial (professional) use.

* BSR/OPEI B71.15-201x, Commercial Turf Care Equipment - Ride-On Mowers - Electric Motor Operated - Safety Specifications (new standard)

Stakeholders: Producers; users; general interest.

Project Need: To establish an electric-powered product safety standard equivalent to the gas-powered product standard.

This standard specifies safety requirements for electric-motor-operated ride-on lawnmowers intended for commercial (professional) use.

TCNA (ASC A108) (Tile Council of North America)

Office: 100 Clemson Research Blvd.
Anderson, SC 29625

Contact: *Katelyn Simpson*

Fax: (864) 646-2821

E-mail: ksimpson@tileusa.com

* BSR A108.4-201x, Installation of Ceramic Tile with Organic Adhesives or Water Cleanable Tile-Setting Epoxy Adhesive (revision of ANSI A108.4-2009)

Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category), related material manufacturers (manufacturing interest category), distributors, retailers and consumers (user interest category), and affiliated industries (i.e.,stone) and other general interest users of this standard (general interest category).

Project Need: Various stakeholders have suggested revisions be made to various sections of this standard.

This standard outlines the guidelines for installation of ceramic tile with organic adhesives or water cleanable tile-setting epoxy adhesives.

* BSR A108.5-201x, Installation of Ceramic Tile with Dry-Set Portland Cement Mortar or Latex-Portland Cement Mortar (revision of ANSI A108.5-1999 (R2010))

Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category), related material manufacturers (manufacturing interest category), distributors, retailers and consumers (user interest category), and affiliated industries (i.e., stone) and other general interest users of this standard (general interest category).

Project Need: Various stakeholders have suggested revisions be made to various sections of this standard.

This standard outlines the guidelines for installation of ceramic tile with dry-set portland cement mortar or latex-portland cement mortar.

* BSR A108.6-201x, Installation of Ceramic Tile with Chemical Resistant, Water Cleanable Tile-Setting and -Grouting Epoxy (revision of ANSI A108.6-1999 (R2010))

Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category), related material manufacturers (manufacturing interest category), distributors, retailers and consumers (user interest category), and affiliated industries (i.e., stone) and other general interest users of this standard (general interest category).

Project Need: Various stakeholders have suggested revisions be made to various sections of this standard.

This standard outlines the guidelines for installation of ceramic tile with chemical resistant, water cleanable tile-setting and -grouting epoxy.

* BSR A108.8-201x, Installation of Ceramic Tile with Chemical Resistant Furan Resin Mortar and Grout (revision of ANSI A108.8-1999 (R2010))

Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category), related material manufacturers (manufacturing interest category), distributors, retailers and consumers (user interest category), and affiliated industries (i.e., stone) and other general interest users of this standard (general interest category).

Project Need: Various stakeholders have suggested revisions be made to various sections of this standard.

This standard outlines the guidelines for installation of ceramic tile with chemical-resistant furan resin mortar and grout.

* BSR A108.9-201x, Installation of Ceramic Tile with Modified Epoxy Emulsion Mortar/Grout (revision of ANSI A108.9-1999 (R2010))

Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category), related material manufacturers (manufacturing interest category), distributors, retailers and consumers (user interest category), and affiliated industries (i.e., stone) and other general interest users of this standard (general interest category).

Project Need: Various stakeholders have suggested revisions be made to various sections of this standard.

This standard outlines the guidelines for installation of ceramic tile with modified epoxy emulsion mortar and grout

* BSR A108.10-201x, Installation of Grout in Tilework (revision of ANSI A108.10-1999 (R2010))

Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category), related material manufacturers (manufacturing interest category), distributors, retailers and consumers (user interest category), and affiliated industries (i.e., stone) and other general interest users of this standard (general interest category).

Project Need: Various stakeholders have suggested revisions be made to various sections of this standard.

This standard outlines the guidelines for installation of grout in tilework.

* BSR A108.12-201x, Installation of Ceramic Tile with EGP (Exterior Glue Plywood) Latex-Portland Cement Mortar (revision of ANSI A108.12-1999 (R2010))

Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category), related material manufacturers (manufacturing interest category), distributors, retailers and consumers (user interest category), and affiliated industries (i.e., stone) and other general interest users of this standard (general interest category).

Project Need: Various stakeholders have suggested revisions be made to various sections of this standard.

This standard outlines the guidelines for installation of ceramic tile with EGP (exterior grade plywood) latex-portland cement mortar.

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Boulevard, Suite 300
Arlington, VA 22201

Contact: *Jeff Hannah*

E-mail: Hannah@tiaonline.org; standards@tiaonline.org

BSR/TIA 4957.000-201x, Overview and Architecture (new standard)

Stakeholders: Smart utility network manufacturers, developers and users.

Project Need: Create new standard.

This adds an overview and architecture chapter to the existing standard, ANSI/TIA PN4957

TIA (Telecommunications Industry Association)

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

Contact: *Teesha Jenkins*

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 102.BAEF-201x, Packet Data Host Network Interface (new standard)

Stakeholders: Mobile radio manufacturers and users.

Project Need: To add a part to the document.

This document specifies the protocols utilized on the Packet Data Host Network Interface which is designated as the Ed Interface in the TIA -102 Open System Interface Model. The information necessary to enable interoperable services and functionality on this interface is provided in this document or referenced in other documents as appropriate.

BSR/TIA 102.BAEG-201x, Mobile Data Peripheral Interface (new standard)

Stakeholders: Mobile radio manufacturers and users.

Project Need: Create new standard.

This document specifies the protocols utilized on the Mobile Data Peripheral Interface which is designated as the A Interface in the TIA -102 Open System Interface Model. The information necessary to enable interoperabile services and functionality on this interface is provided in this document or referenced in other documents as appropriate.

BSR/TIA 102.BAEJ-201x, Conventional Management Service Specification for Packet Data (new standard)

Stakeholders: Mobile radio manufacturers and users.

Project Need: Create new standard.

This document specifies the following Conventional Management Service (CMS) functions for the Conventional FNE Data configuration: Packet Data Registration, Packet Data Scan, and Packet Data Supplementary Information. The messages and procedures necessary to enable interoperable CMS functionality for Packet Data is provided in this document or referenced in other documents as appropriate.

BSR/TIA 470.112-201x, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Wideband Analog Telephones with Handsets (new standard)

Stakeholders: Corded and cordless telephone manufacturers, analog terminal adapter manufacturers, multimedia terminal adapter manufacturers, voice gateway manufacturers, VoIP service providers, DSL and cable Internet service providers, DECT/CAT-iq chipset makers, telephone controller IC makers, VoIP telephone manufacturers.

Project Need: To add a part to the document.

This document addresses the wideband (150 to 7000 Hz) voice transmission requirements specific to analog telephones equipped with handsets.

BSR/TIA 470.122-201x, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Wideband Analog Telephones with Speakerphones (new standard)

Stakeholders: Corded and cordless telephone manufacturers, analog terminal adapter manufacturers, multimedia terminal adapter manufacturers, voice gateway manufacturers, VoIP service providers, DSL and cable Internet service providers, DECT/CAT-iq chipset makers, telephone controller IC makers, VoIP telephone manufacturers.

Project Need: To add a part to the document.

This document addresses the wideband (150 to 7000 Hz) voice transmission requirements specific to analog telephones equipped with speakerphones.

BSR/TIA 470.132-201x, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Wideband Analog Telephones with Headsets (new standard)

Stakeholders: Corded and cordless telephone manufacturers, analog terminal adapter manufacturers, multimedia terminal adapter manufacturers, voice gateway manufacturers, VoIP service providers, DSL and cable Internet service providers, DECT/CAT-iq chipset makers, telephone controller IC makers, VoIP telephone manufacturers.

Project Need: Create new standard.

This document addresses the wideband (150 to 7000 Hz) voice transmission requirements specific to analog telephones equipped with headsets.

BSR/TIA 470.340-201x, Telecommunications - Telephone Terminal Equipment - Feature Performance Requirements for Wideband Analog Telephones Used with VoIP Services (new standard)

Stakeholders: Corded and cordless telephone manufacturers, analog terminal adapter manufacturers, multimedia terminal adapter manufacturers, voice gateway manufacturers, VoIP service providers, DSL and cable Internet service providers, DECT/CAT-iq chipset makers, telephone controller IC makers, VoIP telephone manufacturers.

Project Need: To add a part to the document.

This document addresses feature requirements for wideband (150 to 7000 Hz) analog telephones used with high definition voice services. It includes a handshake protocol by which the telephone may notify the analog terminal adapter (ATA), multimedia terminal adapter (MTA), or voice gateway (VG) to which it is connected that it has wideband capability and then determine whether it should operate in wideband or narrowband mode based on information received from the connected device about the capabilities of the far end terminal.

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.

AAMI
Association for the Advancement of Medical Instrumentation

4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633
Phone: (703) 253-8274
Fax: (703) 276-0793
Web: www.aami.org

AISI
American Iron and Steel Institute

25 Massachusetts Avenue, NW
Suite 800
Washington, DC 20001
Phone: (202) 452-7134
Fax: (202) 452-1039
Web: www.steel.org

APCO
Association of Public-Safety Communications Officials-International

351 N. Williamson Boulevard
Daytona Beach, FL 32114-1112
Phone: (919) 625-6864
Fax: (386) 944-2794
Web: www.apcoIntl.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

ASCE
American Society of Civil Engineers

1801 Alexander Bell Dr
Reston, VA 20191
Phone: 703-295-6176
Web: www.asce.org

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

1791 Tullie Circle NE
Atlanta, GA 30329
Phone: (678) 539-1175
Fax: (678) 539-2175
Web: www.ashrae.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
Fax: (610) 834-3655
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

AWWA
American Water Works Association

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

BHMA
Builders Hardware Manufacturers Association

355 Lexington Avenue, 15th Floor
New York, NY 10017
Phone: (212) 297-2127
Fax: (212) 370-9047
Web: www.buildershardware.com/

CSA
CSA Group

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

ECA
Electronic Components Association

2214 Rock Hill Road, Suite 170
Herndon, VA 20170
Phone: (571) 323-0253
Fax: (571) 323-0245
Web: www.eciaonline.org

EOS/ESD
ESD Association

7900 Turin Rd., Bldg. 3
Rome, NY 13440
Phone: (315) 339-6937
Fax: (315) 339-6793
Web: www.esda.org

IAPMO (ASC Z124)
International Association of Plumbing & Mechanical Officials

5001 East Philadelphia Street
Ontario, CA 91761-2816
Phone: (909) 472-4106
Fax: (909) 472-4150
Web: www.iapmort.org

IEEE
Institute of Electrical and Electronics Engineers (IEEE)

445 Hoes Lane
Piscataway, NJ 08854
Phone: (732) 562-3854
Fax: (732) 796-6966
Web: www.ieee.org

INMM (ASC N14)
Institute of Nuclear Materials Management

75 North 200 East
Richmond, UT 84333
Phone: (435) 258-3730
Web: www.inmm.org

ISEA
International Safety Equipment Association

1901 North Moore Street, Suite 808
Arlington, VA 22209
Phone: (703) 525-1695
Fax: (703) 525-1698
Web: www.safetyequipment.org

ITI (INCITS)
InterNational Committee for Information Technology Standards

1101 K Street NW, Suite 610
Washington, DC 20005
Phone: (202) 626-5743
Fax: (202) 638-4922
Web: www.incits.org

LIA (ASC Z136)
Laser Institute of America

13501 Ingenuity Drive
Suite 128
Orlando, FL 32826
Phone: (407) 380-1553
Fax: (407) 380-5588
Web: www.laserinstitute.org

OPEI
Outdoor Power Equipment Institute

341 South Patrick Street
Alexandria, VA 22314
Phone: (703) 549-7600
Fax: (703) 549-7604
Web: www.opei.org

TAPPI
Technical Association of the Pulp and Paper Industry

15 Technology Parkway South
Peachtree Corners, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.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

TCNA (ASC A108)
Tile Council of North America

100 Clemson Research Blvd.
Anderson, SC 29625
Phone: (864) 646-8453 ext.108
Fax: (864) 646-2821
Web: www.tileusa.com

TIA
Telecommunications Industry Association

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

UL
Underwriters Laboratories, Inc.

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

ISO Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to Karen Hughes, at ANSI's New York offices (isot@ansi.org). The final date for offering comments is listed after each draft.

Ordering Instructions

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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 14244, Oilseed meals - Determination of soluble protein in potassium hydroxide solution - 3/15/2013, $40.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 4118, Air cargo - Non-certified lower deck containers - Specification and testing - 3/21/2013, $98.00

ISO/DIS 10254, Air cargo and ground equipment - Vocabulary - 3/17/2013, $77.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO/DIS 16336, Robust parameter design (RPD) - 3/17/2013

EARTH-MOVING MACHINERY (TC 127)

ISO/DIS 8812, Earth-moving machinery - Backhoe loaders - Definitions and commercial specifications - 3/26/2013, $77.00

GEARS (TC 60)

ISO/DIS 14104, Gears - Surface temper etch inspection after grinding - 3/23/2013, $40.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/DIS 12647-4, Graphic technology - Process control for the manufacture of half-tone colour separations, proofs and production prints - Part 4: Publication gravure process - 3/19/2013, $62.00

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 12891-2, Retrieval and analysis of surgical implants - Part 2: Analysis of retrieved surgical implants - 3/15/2013, $88.00

INDUSTRIAL FURNACES AND ASSOCIATED PROCESSING EQUIPMENT (TC 244)

ISO/DIS 13577-2, Industrial furnaces and associated processing equipment - Safety - Part 2: Combustion and fuel handling systems - 3/24/2013

POWDER METALLURGY (TC 119)

ISO/DIS 14317, Sintered metal materials, excluding hardmetals - Determination of compressive yield strength - 3/26/2013, $33.00

ROAD VEHICLES (TC 22)

ISO/DIS 23828, Fuel cell road vehicles - Energy consumption measurement - Vehicles fuelled with compressed hydrogen - 3/22/2013, $107.00

ISO/DIS 6469-4, Electrically propelled road vehicles - Safety specifications - Part 4: Post crash electrical safety requirements - 3/22/2013

ISO/DIS 13674-2, Road vehicles - Test method for the quantification of on-centre handling - Part 2: Transition test - 4/9/2013, $53.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 2000, Rubber, raw natural - Guidelines for the specification of technically specified rubber (TSR) - 3/28/2013, $33.00

ISO/DIS 289-1, Rubber, unvulcanized - Determinations using a shearing-disc viscometer - Part 1: Determination of Mooney viscosity - 3/5/2013, $58.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/AWI 16328, Ships and marine technology - Gyro-compasses for high-speed craft - 3/23/2013

ISO/AWI 22090-1, Ships and marine technology - Transmitting heading devices (THDs) - Part 1: Gyro-compasses - 3/23/2013

ISO/AWI 22090-2, Ships and marine technology - Transmitting heading devices (THDs) - Part 2: Geomagnetic principles - 3/23/2013

ISO/AWI 22090-3, Ships and marine technology - Transmitting heading devices (THDs) - Part 3: GNSS principles - 3/23/2013

ISO/AWI DIS 8728, Ships and marine technology - Marine gyro-compasses - 3/23/2013, $53.00

SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)

ISO/DIS 13317-4, Determination of particle size distribution by gravitational liquid sedimentation methods - Part 4: Balance method - 3/17/2013, $71.00

TIMBER (TC 218)

ISO/DIS 13061-4, Physical and mechanical properties of wood - Test methods for small clear specimen - Part 4: Determination of modulus of elasticity in static bending - 3/19/2013

ISO/DIS 13061-6, Physical and mechanical properties of wood - Test methods for small clear specimen - Part 6: Determination of ultimate tensile stress parallel to grain - 3/19/2013

ISO/DIS 13061-7, Physical and mechanical properties of wood - Test methods for small clear specimen - Part 7: Determination of ultimate tensile stress perpendicular to grain - 3/19/2013

ISO/IEC JTC 1, Information Technology

ISO/IEC 10373-6:2011/PDAM 5, Identification cards - Test methods - Part 6: Proximity cards - Amendment 5: Bit rates of 3fc/4 and fc - 3/19/2013, $194.00

ISO/IEC 14443-4:2008/PDAM 4, Identification cards - Contactless integrated circuit cards - Proximity cards - Part 4: Transmission protocol - Amendment 4: Frame with error correction - 3/16/2013

ISO/IEC 23009-1:2012/PDAM 1, Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 1: Media presentation description and segment formats - Amendment 1: Support for Event Messages and extended Audio Channel Configuration - 3/16/2013, FREE

ISO/IEC DIS 18745-1, Test methods for machine readable travel documents (MRTD) - Part 1: Physical Test Methods for Passport Books (durability) - 3/12/2013, $112.00

Newly Published ISO Standards

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

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 29106/Amd1:2012, Information technology - Generic cabling - Introduction to the MICE environmental classification - Amendment 1, $20.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 8586:2012, Sensory analysis - General guidelines for the selection, training and monitoring of selected assessors and expert sensory assessors, $142.00

BUILDING CONSTRUCTION (TC 59)

ISO 29481-2:2012, Building information models - Information delivery manual - Part 2: Interaction framework, $218.00

COMPRESSORS, PNEUMATIC TOOLS AND PNEUMATIC MACHINES (TC 118)

ISO 11148-3:2012, Hand-held non-electric power tools - Safety requirements - Part 3: Drills and tappers, $142.00

ISO 11148-4:2012, Hand-held non-electric power tools - Safety requirements - Part 4: Non-rotary percussive power tools, $142.00

ISO 11148-6:2012, Hand-held non-electric power tools - Safety requirements - Part 6: Assembly power tools for threaded fasteners, $150.00

CORK (TC 87)

ISO 17727:2012, Cork - Cork stoppers for still wine - Sampling plan for the quality control of cork stoppers, $53.00

CORROSION OF METALS AND ALLOYS (TC 156)

ISO 13174:2012, Cathodic protection of harbour installations, $150.00

ISO 13573:2012, Corrosion of metals and alloys - Test method for thermal-cycling exposure testing under high-temperature corrosion conditions for metallic materials, $126.00

ISO 26146:2012, Corrosion of metals and alloys - Method for metallographic examination of samples after exposure to high-temperature corrosive environments, $90.00

ISO 7539-1:2012, Corrosion of metals and alloys - Stress corrosion testing - Part 1: General guidance on testing procedures, $120.00

CRANES (TC 96)

ISO 8686-1:2012, Cranes - Design principles for loads and load combinations - Part 1: General, $181.00

ESSENTIAL OILS (TC 54)

ISO 4719:2012, Essential oil of spike lavender (Lavandula latifolia Medikus), Spanish type, $70.00

ISO 4731:2012, Essential oil of geranium (Pelargonium x ssp.), $80.00

FASTENERS (TC 2)

ISO 4032:2012, Hexagon regular nuts (style 1) - Product grades A and B, $60.00

ISO 4033:2012, Hexagon high nuts (style 2) - Product grades A and B, $60.00

ISO 4034:2012, Hexagon regular nuts (style 1) - Product grade C, $60.00

ISO 4035:2012, Hexagon thin nuts chamfered (style 0) - Product grades A and B, $60.00

ISO 4036:2012, Hexagon thin nuts unchamfered (style 0) - Product grade B, $53.00

ISO 7040:2012, Prevailing torque type hexagon regular nuts (with non-metallic insert) - Property classes 5, 8 and 10, $53.00

ISO 7042:2012, Prevailing torque type all-metal hexagon high nuts - Property classes 5, 8, 10 and 12, $53.00

ISO 7719:2012, Prevailing torque type all-metal hexagon regular nuts - Property classes 5, 8 and 10, $53.00

ISO 8673:2012, Hexagon regular nuts (style 1) with metric fine pitch thread - Product grades A and B, $60.00

ISO 8674:2012, Hexagon high nuts (style 2) with metric fine pitch thread - Product grades A and B, $60.00

ISO 8675:2012, Hexagon thin nuts chamfered (style 0) with metric fine pitch thread - Product grades A and B, $60.00

ISO 10511:2012, Prevailing torque type hexagon thin nuts (with non-metallic insert), $53.00

ISO 10512:2012, Prevailing torque type hexagon regular nuts (with non-metallic insert) with metric fine pitch thread - Property classes 6, 8 and 10, $53.00

ISO 10513:2012, Prevailing torque type all-metal hexagon high nuts with metric fine pitch thread - Property classes 8, 10 and 12, $53.00

FINE CERAMICS (TC 206)

ISO 23146:2012, Fine ceramics (advanced ceramics, advanced technical ceramics) - Test methods for fracture toughness of monolithic ceramics - Single-edge V-notch beam (SEVNB) method, $112.00

FLUID POWER SYSTEMS (TC 131)

ISO 6162-1:2012, Hydraulic fluid power - Flange connections with split or one-piece flange clamps and metric or inch screws - Part 1: Flange connectors, ports and mounting surfaces for use at pressures of 3,5 MPa (35 bar) to 35 MPa (350 bar), DN 13 to DN 127, $126.00

ISO 6162-2:2012, Hydraulic fluid power - Flange connections with split or one-piece flange clamps and metric or inch screws - Part 2: Flange connectors, ports and mounting surfaces for use at a pressure of 42 MPa (420 bar), DN 13 to DN 76, $126.00

GRAPHIC TECHNOLOGY (TC 130)

ISO 12647-6:2012, Graphic technology - Process control for the production of half-tone colour separations, proofs and production prints - Part 6: Flexographic printing, $104.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO 14306:2012, Industrial automation systems and integration - JT file format specification for 3D visualization, $285.00

MATERIALS FOR THE PRODUCTION OF PRIMARY ALUMINIUM (TC 226)

ISO 12926:2012, Aluminium fluoride for industrial use - Determination of trace elements - Wavelength dispersive X-ray fluorescence spectrometric method using pressed powder tablets, $80.00

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

ISO 27509:2012, Petroleum and natural gas industries - Compact flanged connections with IX seal ring, $235.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO 18436-1:2012, Condition monitoring and diagnostics of machines - Requirements for qualification and assessment of personnel - Part 1: Requirements for assessment bodies and the assessment process, $90.00

NUCLEAR ENERGY (TC 85)

ISO 20785-1:2012, Dosimetry for exposures to cosmic radiation in civilian aircraft - Part 1: Conceptual basis for measurements, $142.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 17123-5:2012, Optics and optical instruments - Field procedures for testing geodetic and surveying instruments - Part 5: Total stations, $142.00

PAINTS AND VARNISHES (TC 35)

ISO 20567-3:2012, Paints and varnishes - Determination of stone-chip resistance of coatings - Part 3: Single-impact test with a free-flying impact body, $70.00

PAPER, BOARD AND PULPS (TC 6)

ISO 12625-11:2012, Tissue paper and tissue products - Part 11: Determination of wet ball burst strength, $80.00

PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)

ISO 5294:2012, Synchronous belt drives - Pulleys, $98.00

ROAD VEHICLES (TC 22)

ISO 16750-3:2012, Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 3: Mechanical loads, $181.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 12243/Amd1:2012, Medical gloves made from natural rubber latex - Determination of water-extractable protein using the modified Lowry method - Amendment 1, $20.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/PAS 28007:2012, Ships and marine technology - Guidelines for Private Maritime Security Companies (PMSC) providing privately contracted armed security personnel (PCASP) on board ships (and pro forma contract), $135.00

SMALL CRAFT (TC 188)

ISO 10133:2012, Small craft - Electrical systems - Extra-low-voltage d. c. installations, $104.00

SMALL TOOLS (TC 29)

ISO 5609-1:2012, Tool holders for internal turning with cylindrical shank for indexable inserts - Part 1: Designation, styles, dimensions and calculation for corrections, $126.00

ISO 5609-2:2012, Tool holders for internal turning with cylindrical shank for indexable inserts - Part 2: Style F, $70.00

ISO 5609-3:2012, Tool holders for internal turning with cylindrical shank for indexable inserts - Part 3: Style K, $70.00

ISO 5609-4:2012, Tool holders for internal turning with cylindrical shank for indexable inserts - Part 4: Style L, $70.00

ISO 5609-5:2012, Tool holders for internal turning with cylindrical shank for indexable inserts - Part 5: Style U, $70.00

ISO 5609-6:2012, Tool holders for internal turning with cylindrical shank for indexable inserts - Part 6: Style Q, $70.00

SOCIETAL SECURITY (TC 223)

ISO 22313:2012, Societal security - Business continuity management systems - Guidance, $181.00

STEEL (TC 17)

ISO 643:2012, Steels - Micrographic determination of the apparent grain size, $157.00

ISO 3573:2012, Hot-rolled carbon steel sheet of commercial and drawing qualities, $80.00

ISO 3574:2012, Cold-reduced carbon steel sheet of commercial and drawing qualities, $80.00

ISO 6316:2012, Hot-rolled steel strip of structural quality, $80.00

ISO 10384:2012, Hot-rolled carbon steel sheet as defined by chemical composition, $70.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO 11505:2012, Surface chemical analysis - General procedures for quantitative compositional depth profiling by glow discharge optical emission spectrometry, $157.00

TECHNICAL SYSTEMS AND AIDS FOR DISABLED OR HANDICAPPED PERSONS (TC 173)

ISO 7176-3:2012, Wheelchairs - Part 3: Determination of effectiveness of brakes, $98.00

THERMAL INSULATION (TC 163)

ISO 13788:2012, Hygrothermal performance of building components and building elements - Internal surface temperature to avoid critical surface humidity and interstitial condensation - Calculation methods, $164.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO 16055:2012, Tobacco and tobacco products - Monitor test piece - Requirements and use, $112.00

ISO Technical Reports

NANOTECHNOLOGIES (TC 229)

ISO/TR 13329:2012, Nanomaterials - Preparation of material safety data sheet (MSDS), $126.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/TR 18690:2012, Guidance for the selection, use and maintenance of safety and occupational footwear and other personal protective equipment offering foot and leg protection, $126.00

ROAD VEHICLES (TC 22)

ISO/TR 14933:2012, Road vehicles - Test procedures for evaluating out-of-position vehicle occupant interactions with deploying side air bags, $120.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/TR 28821:2012, Gas welding equipment - Hose connections for equipment for welding, cutting and allied processes - Listing of connections which are either standardised or in common use, $60.00

ISO Technical Specifications

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO/TS 7240-9:2012, Fire detection and alarm systems - Part 9: Test fires for fire detectors, $192.00

NANOTECHNOLOGIES (TC 229)

ISO/TS 11931:2012, Nanotechnologies - Nanoscale calcium carbonate in powder form - Characteristics and measurement, $60.00

ISO/TS 11937:2012, Nanotechnologies - Nanoscale titanium dioxide in powder form - Characteristics and measurement, $53.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TS 29284:2012, Intelligent transport systems - Event-based probe vehicle data, $90.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 13888-2/Cor1:2012, Information technology - Security techniques - Non-repudiation - Part 2: Mechanisms using symmetric techniques - Corrigendum, FREE

ISO/IEC 8652:2012, Information technology - Programming languages - Ada, $285.00

ISO/IEC 2382-37:2012, Information technology - Vocabulary - Part 37: Biometrics, $126.00

ISO/IEC 24791-5:2012, Information technology - Radio frequency identification (RFID) for item management - Software system infrastructure - Part 5: Device interface, $120.00

ISO/IEC 14165-243:2012, Information technology - Fibre Channel - Part 243: Backbone 3 (FC-BB-3), $268.00

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

Ehds 01 11 2001

Public Review: November 30, 2012 to February 27, 2013

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.

Calls 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 e-mail from standards@scte.org.

ANSI Accredited Standards Developers

Approval of Accreditation

Sustainability Accounting Standards Board (SASB)

ANSI's Executive Standards Council has approved the Sustainability Accounting Standards Board (SASB), an ANSI Organizational Member, as an ANSI Accredited Standards Developer (ASD) under its proposed operating procedures for documenting consensus on American National Standards, effective December 19, 2012. For additional information, please contact: Mr. Andrew Collins, Technical Research Analyst, Sustainability Accounting Standards Board, Pier 3, Suite 101, San Francisco, CA 94111; phone: 415.830.9220, ext. 110; e-mail: andrew.collins@sasb.org.

Approval of Reaccreditation

Conveyor Equipment Manufacturers Association (CEMA)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the Conveyor Equipment Manufacturers Association (CEMA), an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on CEMA-sponsored American National Standards, effective December 14, 2012. For additional information, please contact: Mr. Phil Hannigan, CEMA Executive Secretary, 5672 Strand Court, Suite 2, Naples, FL 34110; phone: 239.260.8405; e-mail: phil@cemanet.org

Reaccreditations

NACE International, the Corrosion Society

Comment Deadline: January 21, 2013

NACE International, the Corrosion Society, an ANSI Organizational Member, has submitted revisions to its currently accredited Technical Committee Publications Manual for documenting consensus on NACE-sponsored American National Standards, under which it was last reaccredited earlier this year. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Ms. Linda Goldberg, Director, Technical Activities, NACE International, The Corrosion Society, 1440 South Creek Drive, Houston, TX 77084; phone: 800.797.6223; e-mail: linda.goldberg@nace.org . You may view/download a copy of the revisions during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d. Please submit any public comments on the revised procedures to NACE International by January 21, 2013, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthompso@ANSI.org).

National Fire Protection Association (NFPA)

Comment Deadline: January 21, 2013

The National Fire Protection Association (NFPA), an ANSI Organizational Member, has submitted revisions to its currently accredited Regulations Governing Committee Projects (current Regs.) and its Regulations Governing the Development of NFPA Standards (New Regs.) for documenting consensus on NFPA-sponsored American National Standards, under which it was last reaccredited in 2011. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Ms. Carolyn Cronin, Associate Project Manager, NFPA, One Batterymarch Park, Quincy, MA 02169; phone: 617.984.7240; Email: ccronin@nfpa.org. You may view/download a copy of the revisions during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d. Please submit any public comments on the revised procedures to NFPA by January 21, 2013, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthompso@ANSI.org).

Withdrawal of ASD Accreditation and Transfer of American National Standards

American Institute of Timber Construction (AITC)

At the request of the American Institute of Timber Construction (AITC) and with the agreement of APA – The Engineered Wood Association, the ANSI accreditation of AITC as an ANSI Accredited Standards Developer (ASD) has been withdrawn and the responsibility for maintenance of the following American National Standards has been transferred to APA, a currently accredited ANSI ASD:

- ANSI/AITC A190.1-2007, American National Standard for Wood Products – Structural Glued Laminated Timber (to be redesignated ANSI A190.1-2007)
- AITC 117-2010, Standard Specification for Structural Glued Laminated Timber of Softwood Species (to be redesignated ANSI 117-2010)
- AITC 405-2008, Standard for Adhesives for Use in Structural Glued Laminated Timber (to be redesignated ANSI 405-2008)

These actions are taken, effective December 19, 2012.

For additional information, please contact: Mr. Borjen Yeh, Ph.D., P.E., Director, Technical Services Division, APA, 7011 S. 19th Street, Tacoma, WA 98466-5333; phone: 253.620.7467; e-mail: borjen.yeh@apawood.org.

International Organization for Standardization (ISO)

ISO Proposals for a New Fields of ISO Technical Activity

Innovation Process: Interaction, Tools and Methods

Comment Deadline: February 8, 2013

AFNOR (France) has submitted to ISO the attached proposal for a new field of technical activity on Innovation process: interaction, tools and methods with the following scope statement:

Standardization of tools and methods dedicated to the field of innovation and in interactions between all actors in the innovation process, for industrial, environmental and social benefits.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via e-mail: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, February 8, 2013.

Treated Wastewater Re-Use in Urban Areas

Comment Deadline: February 8, 2013

SAC (China) has submitted to ISO the attached proposal for a new field of technical activity on Treated Wastewater Re-Use in Urban Areas with the following scope statement:

> Standardization of Treated wastewater re-use in Urban Area for classification, preparation, processing, recycling, management. It includes these standard that terms, definitions, classification, classification, process, planning, design, investment, charge, supervision and risk management
>
> Excluded: wastewater re-use for irrigation by ISO/PC 253 Treated wastewater re-use for irrigation

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via e-mail: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, February 8, 2013.

New Work Item

Management System for Quality of Private Security Company (PSC) Operations – Requirements with Guidance

ANSI (USA) has proposed the attached new work item entitled Management System for Quality of Private Security Company (PSC) Operations - Requirements with Guidance with the following scope statement:

> This proposed International Standard (Standard) provides the principles and requirements for a Quality Assurance Management System (QAMS) for Private Security Service Providers including Private Security Companies (collectively "PSCs") to provide quality assurance in all security related activities and functions while demonstrating accountability to law and respect for human rights. The Standard provides auditable criteria and guidance consistent with the "Montreux Document on Pertinent International Legal Obligations and Good Practices for States related to Operations of Private Military and Security Companies during Armed Conflict" of 17 September 2008 and the "International Code of Conduct for Private Security Service Providers" (ICoC) of 9 November 2010. This Standard provides a means for PSCs, and their clients, to provide demonstrable commitment and conformance with the aims of the Montreux Document and the principles outlined in the ICoC, as well as enhance the security and protection of stakeholders.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via e-mail: isot@ansi.org.

Meeting Notices

U.S. TAG to ISO TC 242, Energy Management, and U.S. TAG to TC 257, General Technical Rules for Determination of Energy Savings in Renovation Projects

The US TAG to ISO TC 242 Energy Management and the US TAG to TC 257 General technical rules for determination of energy savings in renovation projects, industrial enterprises and regions are holding a joint meeting in Washington DC on Feb 20-21, 2013. This meeting will be to review the comments and finalize the US positions on a number of documents including:

- ISO CD 50003, EnMS Conformity Assessment and Auditor Competency
- ISO CD 50004, Guidance for EnMS
- ISO CD 50006, Energy Performance
- ISO CD 50015, Measurement and Verification Principles and Guidance for Organizations
- ISO WD 17743, Definition of a methodological framework application to calculation and reporting on energy savings

Comments are due February 11, 2013 and can be submitted to deann.desai@gatech.edu.

This meeting will also include discussion of the potential issues for the following documents

- ISO DIS 50002, Energy audits
- ISO CD 17742, General calculation methods on energy efficiency and savings for countries, regions or cities
- ISO WD 17741, General technical rules for measurement, calculation and verification of energy savings of projects
- ISO WD 17744, General calculation methods on energy efficiency and savings for organizations and other enterprises
- ISO/IEC 13273-1, Energy Efficiency Terminology
- ISO/IEC 13273-2, Renewable Energy Sources Terminology

For additional information, please contact deann.desai@gatech.edu.

BSR/ASHRAE Addendum g to
ANSI/ASHRAE Standard 161-2007

Public Review Draft

Proposed Addendum g to Standard 161-2007, Air Quality within Commercial Aircraft

First Public Review (October 2012)
(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 standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts 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 website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

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.

© 2012 ASHRAE. This draft is covered under ASHRAE copyright. Permission to reproduce or redistribute all or any part of this document must be obtained from the ASHRAE Manager of Standards, 1791 Tullie Circle, NE, Atlanta, GA 30329. Phone: 404-636-8400, Ext. 1125. Fax: 404-321-5478. E-mail: standards.section@ashrae.org.

ASHRAE, 1791 Tullie Circle, NE, Atlanta GA 30329-2305

Addendum g to Standard 161-2007:

[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.]

Add to definitions section:

pack burn: the practice of operating the air conditioning packs and/or pneumatic system at a high temperature setting intended to clean suspected contamination from the inside of the high pressure environmental control components.

Changes to Section 8.2 (ii) under "remedies"

~~(ii) Porous surfaces (e.g., acoustic liners) or high surface area components (e.g., ozone converters and air filters) where contaminants can be deposited and retained should either be replaced or cleaned, as appropriate, following ECS contamination. Pack burnout may temporarily remove odors but will not clean the surface (i.e., the secondary source) of contaminants because the temperatures are not high enough to remove oil or hydraulic fluid components, leaving a residue of tars and other hydrocarbons. Occupants should not be put at risk of being exposed to contaminants during a pack burnout. Passengers and crew should not be on board during a pack burnout. Maintenance workers should select PPE per NIOSH Publication 2005-100 if at risk of exposure to contaminants from pack burnout. The APUs and ducts, form system inlets to the airparks, should be inspected following ECS contamination, and if a buildup of residue is noted, then systems should be cleaned (e.g. high pressure washing, steam cleaning). At least as often as at major service intervals, a total system cleaning should be considered.~~

(ii) If a buildup of residue is noted in the APU/engines, air conditioning packs, and ducts, then the affected components shall either be removed and cleaned, or replaced to prevent additional contamination. If the pack burn air is not dumped overboard, then passengers and crew shall not be on board during a pack burn. Maintenance workers shall be educated on the need to avoid exposure to contaminants in the bleed air system during pack burn and associated system inspection and cleaning procedures. When it is not possible to effectively clean airborne contaminants that deposit on high surface area components such as acoustical duct lining, water separator coalescer bags, ozone converters, and heat exchangers, then those components shall be removed and either cleaned or replaced. See also Section A.3: ECS cleaning procedures.

(v) Ground-based air supply systems/equipment (including high and low pressure) shall be inspected and serviced at least every three months in order to prevent the contamination of aircraft systems and to ensure the integrity of the equipment.

Renumber A3 (Contaminants) as A4 and insert this language as A3:

A.3 ECS CLEANING PROCEDURES

Procedures to remove contaminants from the ECS are provided in respective aircraft maintenance manuals and airline policy/procedures manuals and may include duct replacement and duct cleaning, including pack burn procedures, described below.

A3.1 Pack burn. See also Section 8.2, Remedies (ii). When the source/location of contaminated air supply systems is investigated, suitable, on-ground analytical instruments are recommended to assist maintenance employees. The APU/engines, air conditioning packs, and ducts should be inspected following suspected ECS contamination and at major service intervals. For highly inaccessible system components upstream of the air conditioning packs, a pack burn may help to clean some surfaces, but is not the preferred method of cleaning. It may temporarily remove odors, but even upstream of the packs, the temperatures are not necessarily high enough to remove some oil or hydraulic fluid components from the ducts, which may leave a residue of tar and

other hydrocarbons. Also, to avoid additional contamination of the distribution ducting downstream of the air conditioning packs, the packs and the ducting upstream should be isolated from the rest of the system and the high temperature air should be dumped overboard and not routed through the distribution ducting and delivered to occupied areas.

The following additions/changes were made to ESD SP3.4-2012 following the initial public review period and are being re-circulated for a 30-day public review.

FOREWORD

Grounding of conductive and static dissipative materials, personnel, and equipment is the primary method used to limit static charge for the protection of electrostatic discharge susceptible items in the work environment. A static control program may include air or nitrogen ionization techniques to mitigate charge on isolated conductors (conductors that are not grounded), and insulating materials (e.g., most common plastics).

The ionization standard test method, ANSI/ESD STM3.1, defines test methods and instrumentation, the Charged Plate Monitor (CPM), for making discharge (charge neutralization) time and offset voltage (ion balance) measurements of air ionization equipment in defined environments. These standard test methods are applicable for product qualification, selecting an air ionizer for a specific application, as well as subsequently determining that the incoming product meets the selection criteria.

The test instrumentation and methods of the standard test method are also usable for compliance verification of ionizer performance per ESD TR53. ANSI/ESD STM3.1 also contains additional information regarding ionizer physics, ionizer measurement issues, and sources of measurement error. The user is advised to review ANSI/ESD STM3.1 before using the procedures described in this standard practice[1].

Detailed performance testing under laboratory conditions may be required during selection, product qualification, and acceptance testing due to the variety of environments in which ionizers are used. Periodic and compliance verification, however, are most often performed under actual use conditions. In general, all ionizers should be tested, rather than a sampling of product types or incoming lots.

Periodic verification procedures should also be part of the initial acceptance process to provide a baseline for comparison with future measurements. Compliance verification may be necessary to meet audit requirements.

The test procedures in the ionization standard ANSI/ESD STM3.1 are complete enough to be used for product qualification, selection or acceptance testing, as well as for periodic verification. Additional periodic verification procedures are described in ANSI/ESD SP3.3, Periodic Verification of Air Ionizers.

ANSI/ESD STM3.1 describes a measuring instrument, the CPM, which utilizes a 15 cm x 15 cm (6 inch x 6 inch) isolated conductive plate assembly. ANSI/ESD SP3.3 allows for alternative instrumentation, as long as the alternative instrumentation correlates to measurements made with the standard CPM (see Annex B for more information). Neither of these standards directly addresses the issues of making measurements in small confined spaces or making measurements that better describe the effects of ionization on small objects (for example, integrated circuits or magnetoresistive heads).

There is a need for a smaller, standardized test fixture that can be correlated to measurements made with the test fixture described in ANSI/ESD STM3.1. It should be as small as possible to allow measurements to be made in confined spaces (for example, the interior of automated equipment).

This standard practice presents an example of a 2.54 cm x 2.54cm (1 inch x 1 inch) square test fixture and test procedures for performance verification of ionizers. This test fixture can also be used to better characterize the performance of air ionizers in neutralizing static charge on small objects. Refer to Annex A3 for additional information. This small test fixture was used in developing this standard practice. It is not the intent of this standard practice to limit the design of the test fixture or instrumentation in any way.

The performance verification test procedures can be carried out under actual use conditions, and are capable of demonstrating ionizer performance. Discharge time and offset voltage testing contained in ANSI/ESD STM3.1 was adapted for this performance verification test procedure. It is important that the performance verification procedure results correlate reasonably with standard CPM test results. It is anticipated that both the directly measured data and the correlated data will be available.

The objective of the test procedures described in this document is to characterize the ionizer performance at specific locations, particularly those in which it is not possible to use a large test fixture. The test setups

[1] **ESD Association Standard Practice:** A procedure for performing one or more operations or functions that may or may not yield a test result. Note, if a test result is obtained it may not be reproducible.

proposed are not meant to be a recommendation for any particular ionizer configuration.

The wide variety of ionizers, and the environments within which they are used, will often require test setups different from those described in this standard practice. For purposes of performance verification, it is important that ionizers are tested in their normal operating configuration.

While the CPM or the test fixture described in this document provides a standardized performance measure for ionizers, they provide little information about the discharge performance on other objects. It is recommended that users of this document with critical static control requirements use other means to measure the charge neutralization time on the actual objects of concern. Electrostatic fieldmeters and voltmeters are commonly used for this purpose. The presence of these measuring instruments themselves will affect the neutralization time.

Users of this standard practice should be prepared to adapt the test procedures and setups as required to produce meaningful data in their own application of ionizers. Similarly, the test procedures and conditions chosen in this standard practice do not represent a recommendation for acceptable ionizer performance. There is a wide range of item sensitivities to electrostatic charge. There is also a wide range of environmental conditions affecting the operation of ionizers.

Performance specifications should be an agreement between the user and manufacturer of the ionizer in each application. Compliance with these specifications should be demonstrated during selection and acceptance testing of the ionizers. Users of this standard practice will be able to establish baseline performance in the actual use location for their own application of ionizers.

At any time in the future, using the same procedures in this standard practice, the user will be able to verify whether or not the ionizer is providing a comparable level of performance. The user will need to decide the extent of the data required for each application.

4.0 PERSONNEL SAFETY

The procedures and equipment described in this document may expose personnel to hazardous electrical conditions. Users of this document are responsible for selecting equipment that complies with applicable laws, regulatory codes, and both external and internal policy. Users are cautioned that this document cannot replace or supersede any requirements for personnel safety.

Ground fault circuit interrupters (GFCI) and other safety protection should be considered wherever personnel might come into contact with electrical sources.

Electrical hazard reduction practices should be exercised and proper grounding instructions for equipment should be followed.

The resistance measurements obtained through the use of this test method shall not be used to determine the relative safety of personnel exposed to high AC or DC voltages.

Confined spaces are often the interior of automated equipment. During the installation of the test fixtures described by this standard practice, users should assure that power has been disabled to the equipment to prevent unwanted movement of the operating parts. Installation of the test fixtures must be done in a way that does not interfere with the operation or movements of the automated equipment.

5.0 TEST FIXTURE AND INSTRUMENTATION

The following sections describe an example of a test fixture and instrumentation used for periodic verification of air ionization performance in confined spaces. The test fixture in this example uses an isolated conductive plate for air ion collection. The instrumentation may consist of separate components (high voltage [HV] charging source, voltage monitor, voltage threshold detector and timer), or these components may be integrated into a single instrument. The example is not meant to limit the possibilities of the test fixture and instrumentation design in any way. Whatever design is used, the resulting instrumentation ~~may~~ should be correlated to those made with a Charged Plate Monitor (CPM) and procedures as described in ANSI/ESD STM3.1. Refer to Annex B for procedures used to develop the correlation factors between the CPM and the smaller test fixture.

The example test fixture consists of an isolated conductive plate separated from a ground plate on insulative standoff(s). Additional instrumentation is used to charge the isolated conductive plate and monitor the voltage (see Figure 1). In this example, the isolated conductive plate is 2.54 cm x 2.54 cm (1

inch x 1 inch) with an approximate capacitance of 3 pF when mounted in the test fixture without electrical hookups (see Figure 2).

A voltage source that provides a voltage in excess of the initial test voltage of each polarity is required to charge the isolated conductive plate of the test fixture. The voltage source should be current limited so as to meet the requirements of Section 4.0 Personnel Safety.

The voltage on the isolated conductive plate shall be monitored in such a way that, when in the absence of ionization, the isolated conductive plate voltage shall not decay more than 10% of the initial test voltage within one minute. The response time of the monitoring device shall be sufficient to accurately measure changing voltages.

A timer or other appropriate means should be used to measure the discharge times.

NOTE: Expect variation between measurements made with the small test fixture and a standard CPM. The user of any small test fixture must decide whether the correlation is acceptable.

6.2 Discharge Time

The isolated conductive plate shall be momentarily grounded to remove any residual charge and to verify zero of the voltage monitoring device. Charge the isolated conductive plate to a value greater (e.g., ± 1,200 to 1,500 volts) than the initial test voltage (e.g., ± 1,000 volts) and allow it to discharge to the final test voltage (e.g., ± 100 volts) while in the presence of ionization. Monitor and record the time required.

The discharge time measurement begins when the isolated conductive plate voltage has decayed to the initial test voltage and stops when the isolated conductive plate voltage has decayed to the final test voltage. A timer or other suitable device should be used for the discharge time measurement.

Repeat the discharge time measurement for the opposite polarity.

NOTE: For the purpose of making measurements that correlate to those made with a CPM as described in ANSI/ESD STM3.1, alternative initial and final test voltages may be used.

6.3 Offset Voltage

The isolated conductive plate shall be momentarily grounded to remove any residual charge and to verify zero of the voltage monitoring device. The isolated conductive plate is placed within the ionized environment and monitored until the reading stabilizes or achieves an average value (for non-pulsed ionizers). Record the offset voltage.

In the case of pulsed ionizers, measure and report offset voltage in peak values for both polarities.

The following additions/changes were made to ESD SP3.3-2012 following the initial public review period and are being re-circulated for a 30-day public review.

4.0 PERSONNEL SAFETY

The procedures and equipment described in this document may expose personnel to hazardous electrical conditions. Users of this document are responsible for selecting equipment that complies with applicable laws, regulatory codes, and both external and internal policy. Users are cautioned that this document cannot replace or supersede any requirements for personnel safety.

Ground fault circuit interrupters (GFCI) and other safety protection should be considered wherever personnel might come into contact with electrical sources.

Electrical hazard reduction practices should be exercised and proper grounding instructions for equipment should be followed.

The resistance measurements obtained through the use of this test method shall not be used to determine the relative safety of personnel exposed to high AC or DC voltages.

5.0 TEST FIXTURE AND INSTRUMENTATION

The following sections describe the instrumentation required for periodic verification of air ionization equipment and systems (ionizers). The test fixture uses an isolated conductive plate for air ion collection. The instrumentation may consist of separate components (high voltage [HV] charging source, voltage monitor, voltage threshold detector and timer), or these components may be integrated into a single instrument. A Charged Plate Monitor (CPM) as described in ANSI/ESD STM3.1 may also be used for periodic and compliance verification. Correlation of the instrumentation used in this document with the CPM defined in STM3.1 is recommended. See Annex B for additional information.

6.2 Discharge Time

The isolated conductive plate shall be momentarily grounded to remove any residual charge and to verify zero of the voltage monitoring device. Charge the isolated conductive plate to a value greater (e.g., ± 1,200 to 1,500 volts) than the initial test voltage (e.g., ± 1,000 volts) and allow it to discharge to the final test voltage (e.g., ± 100 volts) while in the presence of ionization. Monitor and record the time required.

The discharge time measurement begins when the isolated conductive plate voltage has decayed to the initial test voltage and stops when the isolated conductive plate voltage has decayed to the final test voltage. A timer or other suitable device should be used for the discharge time measurement.

Repeat the discharge time measurement for the opposite polarity.

NOTE: For the purpose of making measurements that correlate to those made with a CPM as described in ANSI/ESD STM3.1, alternative initial and final test voltages may be used.

6.3 Offset Voltage

The isolated conductive plate shall be momentarily grounded to remove any residual charge and to verify zero of the voltage monitoring device. The isolated conductive plate is placed within the ionized environment and monitored until the reading stabilizes or achieves an average value (for non-pulsed ionizers). Record the offset voltage.

In the case of pulsed ionizers, measure and report offset voltage in peak values for both polarities.

A300 (Part 3) Draft 2 Version 2
A revision draft of ANSI A300 (Part 3)-2006

for Tree Care Operations –
Tree, Shrub, and Other Woody Plant Management –
Standard Practices *(Supplemental Support Systems)*

Secretariat
Tree Care Industry Association, Inc.

Published by
Tree Care Industry Association, Inc.
136 Harvey Road – Ste 101
Londonderry, NH 03053
800-733-2622
603-314-5380
Fax: 603-314-5386
E-mail: rrouse@tcia.org
Web: www.tcia.org

Copyright © 2012 by the Tree Care Industry Association, Inc.
All rights reserved.
No part of this publication may be reproduced in any form, in an electronic retrieval system or otherwise, without prior written permission of the publisher.

Foreword (This foreword will not be considered part of the revised A300 Part 3 American National Standard)

ANSI A300 Standards are divided into multiple parts, each focusing on a specific aspect of woody plant management (e.g. Pruning, Soil Management, Supplemental Support Systems, etc).

These standards are used to develop written specifications for work assignments. They are not intended to be used as specifications in and of themselves. Management objectives may differ considerably and therefore must be specifically defined by the user. Specifications are then written to meet the established objectives and must include measurable criteria.

ANSI A300 standards apply to professionals who provide for, or supervise the management of, trees, shrubs, and other woody landscape plants. Intended users include businesses, government agencies, property owners, property managers, and utilities. The standard does not apply to agriculture, horticultural production, or silviculture, except where explicitly noted otherwise.

This standard has been developed by the Tree Care Industry Association (TCIA), an ANSI-accredited Standards Developing Organization (SDO). TCIA is secretariat of the ANSI A300 standards, and develops standards using procedures accredited by the American National Standards Institute (ANSI).

Consensus for standards writing was developed by the Accredited Standards Committee on Tree, Shrub, and Other Woody Plant Management Operations – Standard Practices, A300 (ASC A300).

Prior to 1991, various industry associations and practitioners developed their own standards and recommendations for tree care practices. Recognizing the need for a standardized, scientific approach, green industry associations, government agencies and tree care companies agreed to develop consensus for an official American National Standard.

The results – ANSI A300 standards – unify and take authoritative precedence over all previously existing tree care industry standards. ANSI requires that approved standards be developed according to accepted principles, and that they be reviewed and, if necessary, revised every five years.

TCIA was accredited as a standards developing organization with ASC A300 as the consensus body on June 28, 1991. ASC A300 meets regularly to write new, and review and revise existing, ANSI A300 standards. The committee includes industry representatives with broad knowledge and technical expertise from residential and commercial tree care, utility, municipal and federal sectors, landscape and nursery industries, and other interested organizations.

This draft is a public review document. The public review period starts on December 21, 2012

and ends on January 20, 2013. This document is not approved as a draft for trial use. Official public comments or information requests regarding this document must be forwarded to: rrouse@tcia.org, A300 Secretary, c/o Tree Care Industry Association, Inc., 136 Harvey Road - Suite 101, Londonderry, NH, 03053. Responses will be provided. Comments may be forwarded to ASC A300 members, however comments that are forwarded only to ASC A300 members may not be recorded as official comments and a response may not be provided.

The ASC A300 has the following members as of October 10, 2012:

Dane Buell, Chair
(SavATree, Inc.)

Bob Rouse, Secretary
(Tree Care Industry Association, Inc.)

Organizations Represented	**Name of Representative**
Alliance for Community Trees	Carry Gallagher
American Nursery and Landscape Association	Warren Quinn Craig J. Regelbrugge (Alt.)
American Society of Consulting Arborists	Stephen Miller Donald Godi (Alt.)
American Society of Landscape Architects	Ron Leighton
Asplundh Tree Expert Company	Geoff Kempter Peter Fengler (Alt.)
Bartlett Tree Expert Company	Peter Becker Dr. Thomas Smiley (Alt.)
Davey Tree Expert Company	Chris Klimas Grant Jones (Alt.)
International Society of Arboriculture	Dr. Richard Hauer Sharon Lilly (Alt.)
Professional Grounds Management Society	Gene Pouly Thomas Shaner (Alt.)
Professional Land Care Network	Alice Carter Sabeena Hickman (Alt.)
Society of Municipal Arborists	Gordon Mann Nolan Rundquist (Alt.)
Tree Care Industry Association	Mark Stennes Steve Mays Jr. (Alt.)
USDA Forest Service	Keith Cline Ed Macie (Alt.)
Utility Arborist Association	William Rees Matthew Simons (Alt.)

Additional organizations and individuals:
Michael Galvin (Observer)
Peter Gerstenberger (Observer)
Andy Hillman (Observer)
Tim Johnson (Observer)
Myron Laible (Observer)
Guy Meilleur (Observer)
Beth Palys (Observer)
Richard Rathjens (Observer)
Mary Reynolds (Observer)
Richard Roux (NFPA-780 Liaison)
Don Zimar (Observer)

ASC A300 mission statement:

Mission: To develop consensus performance standards for the professional management of trees, shrubs and other woody plants.

Vision: ANSI A300 standards will be the foundation for work specifications, training materials, quality protocols, and regulations for the management of trees, shrubs, palms, and other woody plants.

32 Definitions (Definitions will be considered part of the ANSI A300 Part 3 standard)

New 32.22 lag thread: A coarse screw thread designed for securing into wood.

New 32.33 stabilize: To support a tree in a new location or after root or soil failure.

33.4 General

Revised 33.4.2 Prior to installation, the owner or owner's agent ~~should~~ shall be notified of the need for periodic inspection by an arborist~~. Inspection shall be the responsibility of the tree owner and should include~~ of the supplemental support system's condition; position; cable tension; and the tree's structural integrity, see Annex C. Scheduling inspections shall be the responsibility of the tree owner.

35.3 Bracing installation

New 35.3.2.1 Variables such as wood quality, species, form, and branch structure, should be considered when determining the distance above the crotch.

37.4 Guying installation

New 37.4.3 A temporary guy should be considered when there is an immediate need for supplemental support.

Standards Action Publishing Schedule for 2013, Volume No. 44

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	12/18/2012	12/24/2012	Jan-4	2/3/2013	2/18/2013	3/5/2013
2	12/25/2012	12/31/2012	Jan-11	2/10/2013	2/25/2013	3/12/2013
3	1/1/2013	1/7/2013	Jan-18	2/17/2013	3/4/2013	3/19/2013
4	1/8/2013	1/14/2013	Jan-25	2/24/2013	3/11/2013	3/26/2013
5	1/15/2013	1/21/2013	Feb-1	3/3/2013	3/18/2013	4/2/2013
6	1/22/2013	1/28/2013	Feb-8	3/10/2013	3/25/2013	4/9/2013
7	1/29/2013	2/4/2013	Feb-15	3/17/2013	4/1/2013	4/16/2013
8	2/5/2013	2/11/2013	Feb-22	3/24/2013	4/8/2013	4/23/2013
9	2/12/2013	2/18/2013	Mar-1	3/31/2013	4/15/2013	4/30/2013
10	2/19/2013	2/25/2013	Mar-8	4/7/2013	4/22/2013	5/7/2013
11	2/26/2013	3/4/2013	Mar-15	4/14/2013	4/29/2013	5/14/2013
12	3/5/2013	3/11/2013	Mar-22	4/21/2013	5/6/2013	5/21/2013
13	3/12/2013	3/18/2013	Mar-29	4/28/2013	5/13/2013	5/28/2013
14	3/19/2013	3/25/2013	Apr-5	5/5/2013	5/20/2013	6/4/2013
15	3/26/2013	4/1/2013	Apr-12	5/12/2013	5/27/2013	6/11/2013
16	4/2/2013	4/8/2013	Apr-19	5/19/2013	6/3/2013	6/18/2013
17	4/9/2013	4/15/2013	Apr-26	5/26/2013	6/10/2013	6/25/2013
18	4/16/2013	4/22/2013	May-3	6/2/2013	6/17/2013	7/2/2013
19	4/23/2013	4/29/2013	May-10	6/9/2013	6/24/2013	7/9/2013
20	4/30/2013	5/6/2013	May-17	6/16/2013	7/1/2013	7/16/2013
21	5/7/2013	5/13/2013	May-24	6/23/2013	7/8/2013	7/23/2013
22	5/14/2013	5/20/2013	May-31	6/30/2013	7/15/2013	7/30/2013
23	5/21/2013	5/27/2013	Jun-7	7/7/2013	7/22/2013	8/6/2013
24	5/28/2013	6/3/2013	Jun-14	7/14/2013	7/29/2013	8/13/2013
25	6/4/2013	6/10/2013	Jun-21	7/21/2013	8/5/2013	8/20/2013
26	6/11/2013	6/17/2013	Jun-28	7/28/2013	8/12/2013	8/27/2013
27	6/18/2013	6/24/2013	Jul-5	8/4/2013	8/19/2013	9/3/2013
28	6/25/2013	7/1/2013	Jul-12	8/11/2013	8/26/2013	9/10/2013

Direct inquiries to: Mary Weldon at: 212-642-4908 E-mail: mweldon@ansi.org

Standards Action Publishing Schedule for 2013, Volume No. 44

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	7/2/2013	7/8/2013	Jul-19	8/18/2013	9/2/2013	9/17/2013
30	7/9/2013	7/15/2013	Jul-26	8/25/2013	9/9/2013	9/24/2013
31	7/16/2013	7/22/2013	Aug-2	9/1/2013	9/16/2013	10/1/2013
32	7/23/2013	7/29/2013	Aug-9	9/8/2013	9/23/2013	10/8/2013
33	7/30/2013	8/5/2013	Aug-16	9/15/2013	9/30/2013	10/15/2013
34	8/6/2013	8/12/2013	Aug-23	9/22/2013	10/7/2013	10/22/2013
35	8/13/2013	8/19/2013	Aug-30	9/29/2013	10/14/2013	10/29/2013
36	8/20/2013	8/26/2013	Sep-6	10/6/2013	10/21/2013	11/5/2013
37	8/27/2013	9/2/2013	Sep-13	10/13/2013	10/28/2013	11/12/2013
38	9/3/2013	9/9/2013	Sep-20	10/20/2013	11/4/2013	11/19/2013
39	9/10/2013	9/16/2013	Sep-27	10/27/2013	11/11/2013	11/26/2013
40	9/17/2013	9/23/2013	Oct-4	11/3/2013	11/18/2013	12/3/2013
41	9/24/2013	9/30/2013	Oct-11	11/10/2013	11/25/2013	12/10/2013
42	10/1/2013	10/7/2013	Oct-18	11/17/2013	12/2/2013	12/17/2013
43	10/8/2013	10/14/2013	Oct-25	11/24/2013	12/9/2013	12/24/2013
44	10/15/2013	10/21/2013	Nov-1	12/1/2013	12/16/2013	12/31/2013
45	10/22/2013	10/28/2013	Nov-8	12/8/2013	12/23/2013	1/7/2014
46	10/29/2013	11/4/2013	Nov-15	12/15/2013	12/30/2013	1/14/2014
47	11/5/2013	11/11/2013	Nov-22	12/22/2013	1/6/2014	1/21/2014
48	11/12/2013	11/18/2013	Nov-29	12/29/2013	1/13/2014	1/28/2014
49	11/19/2013	11/25/2013	Dec-6	1/5/2014	1/20/2014	2/4/2014
50	11/26/2013	12/2/2013	Dec-13	1/12/2014	1/27/2014	2/11/2014
51	12/3/2013	12/9/2013	Dec-20	1/19/2014	2/3/2014	2/18/2014
52	12/10/2013	12/16/2013	Dec-27	1/26/2014	2/10/2014	2/25/2014

2014 Standards Action Schedule - Volume No. 45

1	12/17/2013	12/23/2013	Jan-3	2/2/2014	2/17/2014	3/4/2014