ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: December 18, 2011

IIAR (International Institute of Ammonia Refrigeration)

New Standards

BSR/IIAR 1-201x, Definitions and Terminology Used in IIAR Standards (new standard)

Provides the definition and terminology used in IIAR standards.

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

Send comments (with copy to psa@ansi.org) to: Eric Smith, (703) 312-4200, eric.smith@iiar.org

TIA (Telecommunications Industry Association)

Revisions

BSR/TIA 758-B-201x, Customer-Owned Outside Plant Telecommunications Infrastructure Standard (revision and redesignation of ANSI/TIA 758-A-2004)

This default ballot is a result of the comment resolution held regarding SP-3-3339-RV2 and is limited to 6 specific technical changes. Other comments submitted to SP-3-3339-RV2 were resolved editorially. The results of the SP-3-3339-RV2 ballot consisted of 22 "abstain", 12 "approve" votes, 2 "approve with comments" votes, and 1 with "disapprove with comments".

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

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

UL (Underwriters Laboratories, Inc.)

New National Adoptions

* BSR/UL 60335-2-8-201x, Standard for Safety for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances (national adoption with modifications and revision of ANSI/UL 60335-2-8-2006)

Revises the IEC text to incorporate amendment 2 of IEC 60335-2-8, issued September 2008, and to minimize the number of national differences and more closely align with the IEC standard.

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

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

Revisions

BSR/UL 234-201x, Standard for Safety for Low Voltage Lighting Fixtures for Use in Recreational Vehicles (revision of ANSI/UL 234-2005 (R2009))

The following changes in requirements of UL 234 are being proposed:
(1) New Paragraph 1.3 to include reference to UL 8750 for requirements for LED components and subassemblies; and
(2) Editorial correction to add Fahrenheit equivalent in 28.3(b).

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

Send comments (with copy to psa@ansi.org) to: Heather Sakellariou, (847) 664-2346, Heather.Sakellariou@us.ul.com

BSR/UL 1008-201x, Standard for Safety for Transfer Switch Equipment (Proposal dated 11-18-11) (revision of ANSI/UL 1008-2011)

Adds the supplemental requirements for branch circuit emergency lighting transfer switches.

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

Send comments (with copy to psa@ansi.org) to: Linda Phinney, (408) 754-6684, Linda.L.Phinney@us.ul.com

BSR/UL 1626-201x, Standard for Safety for Residential Sprinklers for Fire-Protection Service (revision of ANSI/UL 1626-2008)

The following changes in requirements to UL 1626, are being proposed:
(1) Polymeric Sprinklers

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

Send comments (with copy to psa@ansi.org) to: Raymond Suga, (631) 546-2593, Raymond.M.Suga@us.ul.com

BSR/UL 2200-201x, Standard for Safety for Stationary Engine Generator Assemblies (revision of ANSI/UL 2200-2011)

Adds a marking when the unit overcurrent protection device is rated less than the genset full load capability.

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

Send comments (with copy to psa@ansi.org) to: Elizabeth Sheppard, (847) 664-3276, Elizabeth.H.Sheppard@us.ul.com

Comment Deadline: January 2, 2012

ASIS (ASIS International)

New Standards

BSR/ASIS PAP.1-201x, Security Management Standard: Physical Asset Protection (new standard)

Provides generic principles, requirements, and guidance as well as the framework for a management system to assist organizations in the design, implementation, monitoring, evaluation, maintenance, and replacement of physical protection systems. All the requirements and guidance in this Standard are intended to be incorporated in ANSI/ASIS SPC.1-2009 or any type of an organization's management system based on the PDCA model. The Standard is applicable to organizations of all sizes across all sectors: private, public and not-for-profit.

Single copy price: $50.00

Obtain an electronic copy from: standards@asisonline.org

Order from: Aivelis Opicka, (703) 518-1439, aivelis.opicka@asisonline.org

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

B11 (B11 Standards, Inc.)

Revisions

BSR B11.2-201x, Safety Requirements for Hydraulic Power Presses (revision of ANSI B11.2-1995 (R2005))

Applies only to those hydraulically or pneumatically powered machines, commonly referred to as hydraulic/pneumatic power presses, which transmit force to cut, form, or assemble metal or other materials by means of tools or dies attached to or operated by plungers or slides.

Single copy price: $15.00

Obtain an electronic copy from: dfelinski@b11standards.org

Send comments (with copy to psa@ansi.org) to: David Felinski, (703) 771-6957, dfelinski@b11standards.org

CSA (CSA America, Inc.)

Reaffirmations

* BSR Z21.58-2006 (R201x), Standard for Outdoor Cooking Gas Appliances (same as CSA 1.6) (reaffirmation of ANSI Z21.58-2006 and ANSI Z21.58a-2008)

Applies to newly produced outdoor cooking gas appliances, constructed entirely of new, unused parts and materials. Outdoor cooking gas appliances submitted for examination under this standard shall be classified as either portable, stationary, or built-in.

Single copy price: $225.00

Obtain an electronic copy from: cathy.rake@csa-america.org

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

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

* BSR Z21.89-2007 (R201x), Standard for Outdoor Cooking Specialty Gas Appliances (same as CSA 1.18) (reaffirmation of ANSI Z21.89 -2007 and ANSI Z21.89a-2008)

Applies to newly produced outdoor specialty gas appliances, constructed entirely of new, unused parts and materials. Appliances submitted for examination under this standard shall be classified as portable. These products are not intended for commercial use.

Single copy price: $225.00

Obtain an electronic copy from: cathy.rake@csa-america.org

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

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

IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)

New Standards

BSR IEEE C63.18-201x, Recommended Practice for an Onsite, AdHoc Test Method for Estimating Electromagnetic Immunity of Medical Devices to Radiated Radio-Frequency (RF) Emissions from RF Transmitters (new standard)

Revises ad hoc test methods for better practicality and reliability, and to harmonize with other relevant standards and technical reports.

Single copy price: N/A

Obtain an electronic copy from: e.spiewak@ieee.org

Send comments (with copy to psa@ansi.org) to: Erin Spiewak, (732) 465-7806, e.spiewak@ieee.org

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

Supplements

BSR INCITS 476-2011/AM1-201x, Information technology - SAS Protocol Layer (SPL) - Amendment 1 (supplement to ANSI INCITS 476-2011)

Defines the rules for exchanging information between SCSI devices using a serial interconnect. Other SCSI transport protocol standards define the rules for exchanging information between SCSI devices using other interconnects.

Single copy price: $30.00

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

Reaffirmations

BSR INCITS 415-2006 (R201x), Homeland Security Mapping Standard - Point Symbology for Emergency Management (reaffirmation of ANSI INCITS 415-2006)

Establishes a common set of symbols for use by mapmakers in support of emergency managers and first responders. This standard will allow users to rapidly interpret map data and to be able to disseminate consistent, usable information. This American National Standard is applicable to all organizations that create maps or otherwise display features for the Emergency Management or First Responder communities. It is limited at this time to support portrayal of point features that relate to the emergency management and hazard mapping disciplines.

Single copy price: $30.00

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

IWCA (ASC I14) (International Window Cleaning Association)

New Standards

BSR/IWCA I14.1-201x, Window Cleaning Safety 2012 ver. (new standard)

Identifies accepted safe practices for window cleaning to provide safety to window cleaners and to others, such as a passerby, where window cleaning operations are in progress, by specifying equipment with practical and adequate safety factors and features, and requiring safe use, design and maintenance of such equipment. Part A of this Standard has been developed for those who will use the equipment, and Part B for those who design, manufacture and install the equipment. Part A and Part B of this Standard have been developed to work in conjunction with each other.

Single copy price: Free

Obtain an electronic copy from: mandie@robstan.com

Order from: Mandie Bannwarth, (800) 875-4922, mandie@robstan.com

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

MHI (Material Handling Industry)

Revisions

BSR MH29.1-201x, Safety Requirements for Industrial Scissors Lifts (revision of ANSI MH29.1-2008)

Mobile and stationary industrial scissors lifts raise, lower and position materials and personnel in various applications, but are different from aerial work platforms (AWP) and elevators. This revision better illustrates that personnel operate and may be raised or lowered by industrial scissor lifts. This standard now defines dock lifts, work access lifts and lift tables as the three categories of industrial scissors lifts and identifies their differences and similarities. The responsibilities of manufacturers, users, owners and operators have been enhanced.

Single copy price: $5.00

Obtain an electronic copy from: mogle@mhia.org

Order from: Michael Ogle, (704) 676-1190, mogle@mhia.org

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

NEMA (ASC C8) (National Electrical Manufacturers Association)

Revisions

BSR ICEA S-89-648-201x, Standard for Aerial Service Wire (revision of ANSI ICEA S-89-648-2007)

Establishes generic technical requirements that may be referenced by individual telecommunications wire specifications covering products intended for normal outside plant use. The parameters covered provide material, construction, and performance requirements.

Single copy price: $120.00

Obtain an electronic copy from: http://workspaces.nema.org/ansi/stds/Shared%20Documents/C8/S-89-648-2011/ICEA%20S-89-648-2011%20Final.pdf

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

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

BSR ICEA S-91-674-201x, Standard for Coaxial and Coaxial/Twisted Pair Composite Buried Service Wires Technical Requirements (revision of ANSI ICEA S-91-674-2006)

Establishes generic technical requirements that may be referenced by individual telecommunications wire specifications covering products intended for buried outside plant use. The parameters covered provide material, construction, and performance requirements.

Single copy price: $125.00

Obtain an electronic copy from: http://workspaces.nema.org/ansi/stds/Shared%20Documents/C8/S-91-674-2011/ICEA%20S-91-674-2011%20Final.pdf

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

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

BSR ICEA S-92-675-201x, Standard for Coaxial and Coaxial/Twisted Pair Composite Aerial Service Wires Technical Requirements (revision of ANSI ICEA S-92-675-2005)

Establishes generic technical requirements that may be referenced by individual telecommunications wire specifications covering products intended for the aerial outside plant use. The parameters covered provide material, construction, and performance requirements.

Single copy price: $110.00

Obtain an electronic copy from: http://workspaces.nema.org/ansi/stds/Shared%20Documents/C8/S-92-675-2011/ICEA%20S-92-675-2011%20final.pdf

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

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

Reaffirmations

BSR ICEA S-103-701-2004 (R201x), Standard for Riser Cables Technical Requirements (reaffirmation of ANSI ICEA S-103-701-2004)

Establisesh generic technical requirements that may be referenced by individual telecommunications cable specifications covering products intended for normal indoor premises use in the wiring systems of communications users. The parameters covered provide material, construction, and performance requirements.

Single copy price: $96.00

Obtain an electronic copy from: http://workspaces.nema.org/ansi/stds/Shared%20Documents/C8/S-103-701-2011/ICEA%20S-103-701-2011.pdf

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

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

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

New National Adoptions

BSR CGATS/ISO 12640-4-201x, Graphic technology - Prepress digital data exchange - Part 4: Wide gamut display-referred standard colour image data [Adobe RGB(1998)/SCID]. (identical national adoption of ISO 12640-4)

Specifies a set of standard wide gamut display-referred colour images [encoded as 16-bit Adobe RGB (1998) digital data] that can be used for the evaluation of changes in image quality during coding, image processing (including color re-rendering and color space transformations, compression and decompression), displaying on a color monitor and printing. These images can be used for research, testing and assessing of output systems such as printers, color management systems and color profiles. This standard is only available on DVD.

Single copy price: $32.00

Obtain an electronic copy from: dorf@npes.org

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

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

NSF (NSF International)

Revisions

* BSR/NSF 58-201x (i60), Reverse osmosis drinking water treatment systems (revision of ANSI/NSF 58-2011)

Addresses several issues regarding sampling procedures of contaminant reduction testing on RO systems.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=15224&wg_abbrev=dwtu_jc

Order from: Monica Leslie, (734) 827-5643, mleslie@nsf.org

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

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standards

BSR/TAPPI T 815 om-201x, Coefficient of static friction (slide angle) of packaging and packaging materials (including shipping sack papers, corrugated and solid fiberboard) (inclined plane method) (new standard)

Determines the coefficient of static friction of most packaging materials by measuring the angle at which one test surface begins to slide against another inclined surface as the incline is increased at a constant and prescribed rate. The test is frequently referred to as slide angle. The coefficient of friction is numerically equivalent to the tangent of that angle.

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

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

New Standards

* BSR A137.2-201x, Specification for Glass Tile (new standard)

Describes manufacturing styles, body types, sizes and physical properties for Standard Grade glass tile; the basis for acceptance and methods of testing before installation; the marking of packaging and certification of tile; and definition of terms employed in these specifications.

Single copy price: $19.90

Obtain an electronic copy from: Tile Council of North America

Order from: Tile Council of North America

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, (864) 646-8453 ext.108, ksimpson@tileusa.com

TIA (Telecommunications Industry Association)

New Standards

BSR/TIA 41.336-E-201x, Mobile Application Part (MAP) - Voice Feature Scenarios: Wireless Emergency Services (new standard)

Depicts the interactions between network entities in various situations related to an Emergency Services Call. These scenarios are for illustrative purposes only.

Single copy price: $60.00

Obtain an electronic copy from: www.global.ihs.com

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

Send comments (with copy to psa@ansi.org) to: Teesha Jenkins, (703) 907-7706, standards@tiaonline.org

BSR/TIA 41.350-E-201x, Mobile Application Part (MAP) - Voice Feature Scenarios: MDN-Based Validation (new standard)

Depicts the interactions between network entities in various situations related to MDN-Based subscription validation.

Single copy price: $60.00

Obtain an electronic copy from: www.global.ihs.com

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

Send comments (with copy to psa@ansi.org) to: Teesha Jenkins, (703) 907-7706, standards@tiaonline.org

Supplements

BSR/TIA 41.328-E-1-201x, Mobile Application Part (MAP) - Voice Feature Scenarios: Mobile Access Hunting (supplement to ANSI/TIA 41.000-E-2004)

Depicts the interactions between network entities in various situations related to automatic roaming and Mobile Access Hunting.

Single copy price: $71.00

Obtain an electronic copy from: www.global.ihs.com

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

Send comments (with copy to psa@ansi.org) to: Teesha Jenkins, (703) 907-7706, standards@tiaonline.org

UL (Underwriters Laboratories, Inc.)

Revisions

* BSR/UL 399-201x, Standard for Safety for Drinking Water Coolers (revision of ANSI/UL 399-2011)

The following are being proposed:
(1) Revised scope;
(2) Requirements for: components, capacitors, carbonators, accessories, gaskets, field supply connections, cord connected equipment, switches and controllers, protective electronic circuits, heating elements, transformers, refrigerant containing parts, Dielectric Voltage-Withstand Test, Strain Relief Test, thermoelectric water coolers, UV radiation systems, water coolers with refrigerated storage compartment, alternate spacings - clearance and creepage distances and wall thickness for copper and steel tubing and flammable refrigerants;
(3) Removal of HACR circuit breaker references; and
(4) Corrections and clarifications.

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: Jeffrey Prusko, (847) 664-3416, jeffrey.prusko@us.ul.com

* BSR/UL 499-201x, Standard for Electric Heating Appliances (revision of ANSI/UL 499-2011)

Covers heating appliances generating ultraviolet (UV) radiation.

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: Amy Walker, (847) 664-2023, Amy.K.Walker@us.ul.com

BSR/UL 746A-201x, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2010a)

The following changes in requirements to UL 746A are being proposed:
(1) Polymeric materials in applications with >25% regrind content.

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

* BSR/UL 1678-201x, Standard for Safety for Household, Commercial, and Professional-Use Carts and Stands for Use with Audio/Video Equipment (revision of ANSI/UL 1678-2003 (R2008))

Incorporates the requirements of the Standard for Tall Institutional Carts for Use with Audio-, Video-, and Television-Type Equipment, UL 1667, and addresses the flat panel video display technology.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

Projects Withdrawn from Consideration

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

UL (Underwriters Laboratories, Inc.)

BSR/UL 746E-201x, Standard for Safety for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used in Printed-Wiring Boards (revision of ANSI/UL 746E -2010)

Technical Reports Registered with ANSI

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject.

Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to the PSA Center, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or E-Mail to psa@ansi.org.

Comment Deadline: December 18, 2011

AAMI (Association for the Advancement of Medical Instrumentation)

AAMI/ISO TIR 61289, High frequency surgical equipment - Operation and maintenance (TECHNICAL REPORT) (technical report)

Contains guidelines for medical and nursing personnel regarding the safe and effective operation of high frequency surgical equipment. This standard will also be of use to scientific/technical staff who have responsibility for the maintenance of this equipment.

Single copy price: $45.00 for members, $95.00 for non-members

Order from: http://www.aami.org/applications/search/details.cfm

Send comments (with copy to psa@ansi.org) to: Hae Choe, (703) 253 -8268, HChoe@aami.org

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ANSI/UL 745-2-3-2006, Standard for Safety for Particular Requirements for Grinders, Polishers and Disk-Type Sanders

ANSI/UL 745-2-31-2006, Standard for Safety for Particular Requirements for Diamond Core Drills

ANSI/UL 745-2-32-2006, Standard for Safety for Particular Requirements for Magnetic Drill Presses

ANSI/UL 745-2-36-2006, Standard for Safety for Particular Requirements for Hand Motor Tools

ANSI/UL 745-4-36-2006, Standard for Safety for Particular Requirements for Battery Operated Hand Motor Tools

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.

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

BSR INCITS 415-2006 (R201x), Homeland Security Mapping Standard - Point Symbology for Emergency Management (reaffirmation of ANSI INCITS 415-2006)

BSR INCITS 476-2011/AM1-201x, Information technology - SAS Protocol Layer (SPL) - Amendment 1 (supplement to ANSI INCITS 476-2011)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Norcross, GA 30092

Contact: *Charles Bohanan*

Phone: (770) 209-7276
Fax: (770) 446-6947
E-mail: standards@tappi.org

BSR/TAPPI T 576 om-201x, Tensile properties of towel and tissue products (using constant rate of elongation apparatus) (new standard)

TIA (Telecommunications Industry Association)

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

Contact: *Stephanie Montgomery*

Phone: (703) 907-7700
Fax: (703) 907-7727
E-mail: smontgomery@tiaonline.org

BSR/TIA 41.328-E-1-201x, Mobile Application Part (MAP) - Voice Feature Scenarios: Mobile Access Hunting (supplement to ANSI/TIA 41.000-E-2004)

BSR/TIA 41.336-E-201x, Mobile Application Part (MAP) - Voice Feature Scenarios: Wireless Emergency Services (new standard)

BSR/TIA 41.350-E-201x, Mobile Application Part (MAP) - Voice Feature Scenarios: MDN-Based Validation (new standard)

BSR/TIA 41.600-E-2005 (R201x), Wireless Radiotelecommunications Intersystems - Introduction to Procedures (reaffirmation of ANSI/TIA 41.600-E-2005)

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

BSR/TIA 758-B-201x, Customer-Owned Outside Plant Telecommunications Infrastructure Standard (revision and redesignation of ANSI/TIA 758-A-2004)

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, IL 60062

Contact: *Jeffrey Prusko*

Phone: (847) 664-3416
Fax: (847) 313-3416
E-mail: jeffrey.prusko@us.ul.com

BSR/UL 399-201x, Standard for Safety for Drinking Water Coolers (revision of ANSI/UL 399-2011)

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 Adoptions

ANSI/AAMI HA60601-1-11-2011, Medical electrical equipment - Part 1 -11: General requirements for basic safety and essential performance - Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in home healthcare environment (national adoption with modifications of IEC 60601-1-11:2010): 11/11/2011

Reaffirmations

ANSI/AAMI/ISO 10993-14-2001 (R2011), Biological evaluation of medical devices - Part 14: Identification and quantification of degradation products from ceramics (reaffirmation of ANSI/AAMI/ISO 10993-14-2001 (R2006)): 11/16/2011

ANSI/AAMI/ISO 10993-15-2000 (R2011), Biological evaluation of medical devices - Part 15: Identification and quantification of degradation products from metals and alloys (reaffirmation of ANSI/AAMI/ISO 10993-15-2000 (R2006)): 11/16/2011

ANSI/AAMI/ISO 11737-1-2006 (R2011), Sterilization of medical devices - Microbiological methods - Part 1: Determination of a population of microorganisms on products (reaffirmation of ANSI/AAMI/ISO 11737-1-2006): 11/16/2011

ANSI/AAMI/ISO 14708-3-2008 (R2011), Implants for surgery - Active implantable medical devices - Part 3: Implantable neurostimulators (reaffirmation of ANSI/AAMI/ISO 14708-3-2008): 11/16/2011

ANSI/AAMI/ISO 14708-4-2008 (R2011), Implants for surgery - Active implantable medical devices - Part 4: Implantable infusion pumps (reaffirmation of ANSI/AAMI/ISO 14708-4-2008): 11/16/2011

ANSI/AAMI/ISO 22442-1-2007 (R2011), Medical devices utilizing animal tissues and their derivatives - Part 1: Application of risk management (reaffirmation of ANSI/AAMI/ISO 22442-1-2007): 11/16/2011

ANSI/AAMI/ISO 22442-2-2007 (R2011), Medical devices utilizing animal tissues and their derivatives - Part 2: Controls on sourcing, collection and handling (reaffirmation of ANSI/AAMI/ISO 22442-2 -2007): 11/16/2011

ANSI/AAMI/ISO 22442-3-2007 (R2011), Medical devices utilizing animal tissues and their derivatives - Part 3: Validation of the elimination and/or inactivation of viruses and transmissible spongiform encephalopathy (TSE) agents (reaffirmation of ANSI/AAMI/ISO 22442-3-2007): 11/16/2011

ADA (American Dental Association)

Reaffirmations

ANSI/ADA Specification 39-2006 (R2011), Pit and Fissure Sealants (reaffirmation of ANSI/ADA 39-2006): 11/11/2011

Supplements

ANSI/ADA Specification No. 108, Addendum-2011, Amalgam Separators (supplement to ANSI/ADA Specification No. 108-2009): 11/14/2011

ANS (American Nuclear Society)

Reaffirmations

ANSI/ANS 8.14-2004 (R2011), Use of Soluble Neutron Absorbers in Nuclear Facilities Outside Reactors (reaffirmation of ANSI/ANS 8.14 -2004): 11/16/2011

ANSI/ANS 8.22-1997 (R2011), Nuclear Criticality Safety Based on Limiting and Controlling Moderators (reaffirmation of ANSI/ANS 8.22 -1997 (R2006)): 11/11/2011

API (American Petroleum Institute)

Reaffirmations

ANSI/API 682/ISO 21049-2004 (R2011), Pumps - Shaft Sealing Systems for Centrifugal and Rotary Pumps (reaffirmation of ANSI/API 682/ISO 21049-2004): 11/16/2011

ASABE (American Society of Agricultural and Biological Engineers)

New National Adoptions

ANSII/ASABE/ISO AD500-1-2004 W/Cor.1-2011, Agricultural tractor - Rear-mounted power take-off types 1, 2 and 3 - Part 1: General specifications, safety requirements, dimensions for master shield and clearance zone (national adoption with modifications and revision of ANSI/ASABE/ISO 500-1-2004 W/Cor.1-2010): 11/14/2011

New Standards

ANSI/ASABE S600-2011, Manually Handled Collapsible Reusable Plastic Containers for Handling of Fruits and Vegetables (new standard): 11/15/2011

ASC X9 (Accredited Standards Committee X9, Incorporated)

New Standards

ANSI X9.82-4-2011, Random Number Generation - Part 4: Random Bit Generator Constructions (new standard): 11/11/2011

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

Addenda

ANSI/ASHRAE/USGBC/IES Addendum 189.1i-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009): 11/2/2011

ASME (American Society of Mechanical Engineers)

Revisions

ANSI/ASME PTC 1-2011, Performance Test Codes - General Instructions (revision of ANSI/ASME PTC 1-2004 (R2009)): 11/14/2011

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

Revisions

ANSI ASSE A10.33-2011, Safety and Health Program Requirements for Multi-Employer Projects (revision of ANSI/ASSE A10.33-1992 (R2004)): 11/11/2011

ATIS (Alliance for Telecommunications Industry Solutions)

New Standards

ANSI ATIS 0600015.06-2011, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting of Radio Base Station Metrics (new standard): 11/11/2011

BHMA (Builders Hardware Manufacturers Association)

Revisions

* ANSI/BHMA A156.15-2011, Release Devices - Closer Holder - Electromagenetic and Electromechanical (revision of ANSI/BHMA A156.15-2006): 11/9/2011

CAGI (Compressed Air and Gas Institute)

New Standards

ANSI/CAGI B19.1-2011, Safety Standard for Air Compressor Systems (new standard): 11/11/2011

CSA (CSA America, Inc.)

Revisions

ANSI Z21.80-21-2011, Line Pressure Regulators (same as CSA 6.22) (revision of ANSI Z21.80-2002 (R2008), ANSI Z21.80a-2005, and ANSI Z21.80b-2010): 11/16/2011

ECA (Electronic Components Association)

New Standards

ANSI/EIA 364-17C-2011, Temperature Life with and without Electrical Load Test Procedure for Electrical Connectors and Sockets (new standard): 11/11/2011

ANSI/EIA 364-57-2011, Coupling Pin Strength Test Procedure for Circular Bayonet Electrical Connectors (new standard): 11/15/2011

Reaffirmations

ANSI/EIA 948-2004 (R2011), Component Tray for Automated Handling (reaffirmation of ANSI/EIA 948-2004): 11/15/2011

Revisions

ANSI/EIA 364-56E-2011, Resistance to soldering heat test procedure for electrical connectors and sockets (revision of ANSI/EIA 364-56D -2008): 11/15/2011

HPS (ASC N43) (Health Physics Society)

New Standards

* ANSI N43.1-2011, Radiation Safety for the Design and Operation of Particle Accelerators (new standard): 11/9/2011

IAPMO (International Association of Plumbing & Mechanical Officials)

Revisions

* ANSI/IAPMO UMC 1-2012, Uniform Mechanical Code (revision of ANSI/IAPMO UMC 1-2009): 11/8/2011

* ANSI/IAPMO UPC 1-2012, Uniform Plumbing Code (revision of ANSI/IAPMO UPC 1-2009): 11/8/2011

IESNA (Illuminating Engineering Society of North America)

New Standards

ANSI/IESNA RP-7-2012, Recommended Practice for Lighting Industrial Facilities (new standard): 11/14/2011

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

New National Adoptions

INCITS/ISO/IEC 24775-2011, Information technology - Storage management (identical national adoption of ISO/IEC 24775:2011): 11/11/2011

INCITS/ISO/IEC TR 14165-372-2011, Information technology - Fibre Channel - Part 372: Methodologies of interconnects-2 (FC-MI-2) (identical national adoption of ISO/IEC TR 14165-372:2011): 11/11/2011

New Standards

ANSI INCITS 475-2011, Information technology - Fibre Channel - Inter-Fabric Routing (FC-IFR) (new standard): 11/14/2011

Reaffirmations

INCITS/ISO/IEC 11179-5-2005 (R2011), Information technology - Data management and interchange - Metadata Registries (MDR) - Part 5: Naming and identification principles for administered items (reaffirmation of INCITS/ISO/IEC 11179-5-2005): 11/11/2011

NSF (NSF International)

Revisions

* ANSI/NSF 4-2011 (i17), Commercial cooking, rethermalization, and powered hot food holding and transport equipment (revision of ANSI/NSF 4-2009): 11/8/2011

* ANSI/NSF 305-2011 (i12), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2009e): 10/26/2011

SCTE (Society of Cable Telecommunications Engineers)

New Standards

ANSI/SCTE 178-2011, Test Method for Cable Weld Integrity (new standard): 11/11/2011

Revisions

ANSI/SCTE 104-2011, Automation System to Compression System Communications Applications Program Interface (API) (revision of ANSI/SCTE 104-2005): 11/11/2011

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standards

ANSI/TAPPI T 412 om-2011, Moisture in pulp, paper and paperboard (new standard): 11/16/2011

ANSI/TAPPI T 425 om-2011, Opacity of paper (15/d geometry, illuminant A/2 degrees, 89% reflectance backing and paper backing) (new standard): 11/11/2011

ANSI/TAPPI T 476 om-2011, Abrasion loss of paper and paperboard (Taber-type method) (new standard): 11/11/2011

ANSI/TAPPI T 519 om-2011, Diffuse opacity of paper (d/0 paper backing) (new standard): 11/11/2011

ANSI/TAPPI T 578 sp-2011, Accelerated light aging of printing and writing paper by xenon-arc exposure apparatus (new standard): 11/11/2011

ANSI/TAPPI T 811 om-2011, Edgewise compressive strength of corrugated fiberboard (short column test) (new standard): 11/15/2011

ANSI/TAPPI T 822 om-2011, Ring crush of paperboard (rigid support method) (new standard): 11/11/2011

TechAmerica

New Standards

ANSI/EIA 933-A-2011, Standard for Preparing a COTS Assembly Management Plan (new standard): 11/14/2011

TIA (Telecommunications Industry Association)

New Standards

ANSI/TIA 1194-R1-2011, Telecommunications - User Premises Equipment - Surge Resistibility of Smart Grid Equipment Connected to either DC or 120/240 V Single Phase AC and Metallic Communication Lines (new standard): 11/16/2011

Revisions

ANSI/TIA/EIA 136-376-C-2011, TDMA Third Generation Wireless Enhanced General Packet-Data Service (EGPRS-136) Mobility Management (MM) (revision of ANSI/TIA/EIA 136-376-B-2006): 11/16/2011

UL (Underwriters Laboratories, Inc.)

New Standards

ANSI/UL 1602-2011, Standard for Safety for Gasoline-Engine-Powered, Rigid-Cutting-Member Edgers and Edger-Trimmers (new standard): 11/14/2011

Revisions

ANSI/UL 125-2011b, Standard for Safety for Flow Control Valves for Anhydrous Ammonia and LP-Gas (revision of ANSI/UL 125-2011): 11/10/2011

ANSI/UL 427-2011, Standard for Safety for Refrigerating Units (revision of ANSI/UL 427-2009): 11/11/2011

ANSI/UL 514C-2011a, Standard for Safety for Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers (revision of ANSI/UL 514C -2011): 11/9/2011

ANSI/UL 514C-2011b, Standard for Safety for Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers (revision of ANSI/UL 514C -2011): 11/9/2011

ANSI/UL 935-2011, Standard for Safety for Fluorescent-Lamp Ballasts (revision of ANSI/UL 935-2009): 11/7/2011

ANSI/UL 1004-2-2011, Standard for Safety for Impedance Protected Motors (revision of ANSI/UL 1004-2-2010): 11/8/2011

ANSI/UL 1004-3-2011, Standard for Safety for Thermally Protected Motors (revision of ANSI/UL 1004-3-2010a): 11/14/2011

ANSI/UL 1996-2011, Standard for Safety for Electric Duct Heaters (revision of ANSI/UL 1996-2009): 11/3/2011

Corrections

Errors in Stabilized Maintenance Dates

ANSI/VITA 1.1-1997 and ANSI/VITA 6-1994

In the Final Actions section of the November 11, 2011 issue of Standards Action, ANSI/VITA 1.1-1997 and ANSI/VITA 6-1994 had the wrong years for their Stabilized Maintenance listings. The correct designations are ANSI/VITA 1.1-1997 (S2011) and ANSI/VITA 6-1994 (S2011).

Error in Project Intent

ANSI/UL 561-2011a

In the Final Actions section of the November 4, 2011 issue of Standards Action, the Project Intent information for ANSI/UL 561 -2011a was incorrect. The correct information is “(revision of ANSI/UL 561-2011)”.

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.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
St Joseph, MI 49085
Contact: *Carla VanGilder*
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E-mail: vangilder@asabe.org

* BSR/ASABE S623 MONYEAR-201x, Standardized Procedure for Determining Available Water for Landscapes and Estimating Landscape Water Use (new standard)

Stakeholders: Irrigation consultants, designers, managers, contractors and maintenance personnel, governmental agencies.

Project Need: To provide a standardized process for determining the amount of water available and estimating landscape water use utilized by landscape and irrigation professionals, property owners, water agencies, and regulators.

Develops a procedure and process to determine available water for landscapes and estimate the amount of water required to maintain the landscape so that it will function appropriately for its intended purpose. The standardized method can be utilized by water agencies, regulators, property owners or landscape managers to determine if the anticipated plant water demand is equal to or less than the site-available water resources.

ASTM (ASTM International)

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Contact: *Jeff Richardson*
Fax: (610) 834-7067
E-mail: jrichard@astm.org

BSR/ASTM F1202-201x, Standard Specification for Washing Machines, Heat Sanitizing, Commercial, Pot, Pan, and Utensil Vertically Oscillating Arm Type (new standard)

Stakeholders: Food Service Equipment industry.

Project Need: To cover the requirements for manually fed, motor-driven vertically oscillating arm type, automatically controlled, commercial pot, pan, and utensil washing machine (also referred to as "the washer").

http: //www.astm.org/Standards/F1202.htm

BSR/ASTM F1203-201x, Standard Specification for Washing Machines-Pot, Pan, and Utensil, Heat Sanitizing, Commercial Rotary Conveyor Type (new standard)

Stakeholders: Food Service Equipment industry.

Project Need: To cover manually fed, motor-driven rotary, conveyor-type, automatically controlled, commercial pot, pan, and utensil washing machines

http: //www.astm.org/Standards/F1203.htm

BSR/ASTM WK35084-201x, New Test Method for Commercial Coffee Brewing Machines (new standard)

Stakeholders: Productivity and Energy Protocol industry.

Project Need: To cover the evaluation of the energy consumption and brewing performance of commercial coffee brewing machines.

http: //www.astm.org/DATABASE.CART/WORKITEMS/WK35084.htm

B11 (B11 Standards, Inc.)

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Leesburg, VA 20176
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BSR/ISO 12100-201x, Safety of machinery - General principles for design - Risk assessment and risk reduction (identical national adoption and revision of ANSI/ISO 12100-1-2007 and ANSI/ISO 12100-2-2007)

Stakeholders: Machinery manufacturers and users.

Project Need: To replace previous obsolescent adoptions.

Specifies basic terminology, principles and a methodology for achieving safety in the design of machinery. It specifies principles of risk assessment and risk reduction to help designers in achieving this objective. These principles are based on knowledge and experience of the design, use, incidents, accidents and risks associated with machinery. Procedures are described for identifying hazards and estimating and evaluating risks during relevant phases of the machine life cycle, and for the elimination of hazards or the provision of sufficient risk reduction.

CSA (CSA America, Inc.)

Office: 8501 E. Pleasant Valley Rd.
Cleveland, OH 44131
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E-mail: cathy.rake@csa-america.org

* BSR Z21.47a-201x, Standard for Gas-Fired Central Furnaces (same as CSA 2.3) (revision of ANSI Z21.47-2006)

Stakeholders: Manufacturers, gas suppliers, consumers, testing agencies.

Project Need: To improve the performance requirements and testing methods.

Applies to automatically operating gas-fired central furnaces for installation in residential, commercial, and industrial structures including furnaces for direct-vent, recreational, vehicle, outdoor, and manufactured (mobile) homes. These furnaces may include a cooling unit.

* BSR Z21.50a-201x, Standard for Vented Gas Fireplaces (same as CSA 2.22a) (revision of ANSI Z21.50-2007, ANSI Z21.50a-2009, and ANSI Z21.50b-2009)

  Stakeholders: Manufacturers, gas suppliers, consumers, testing agencies.

  Project Need: To address the concern of hot glass surfaces.

  Details test and examination criteria for vented gas fireplace for use with natural and propane gases. The only function of a vented gas fireplace lies in the aesthetic effect of the flame; the appliance is not a source of heat.

* BSR Z21.88b-201x, Standard for Vented Gas Fireplace Heaters (same as CSA 2.33b) (revision of ANSI Z21.86-2008)

  Stakeholders: Manufacturers, gas suppliers, consumers, testing agencies.

  Project Need: To address the concern of hot glass surface temperatures.

  Provides test and examination criteria for vented gas fireplace heaters for use with natural and liquefied petroleum (propane) gases, which allows the view of flames and provides the simulation of a solid fuel fireplace and furnishes warm air to the space in which it is installed with or without duct connections.

* BSR Z83.29-201x, Standard for Direct Gas-Fired Circulating Heaters for Agricultural Animal Confinement (same as CSA 2.39) (new standard)

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

  Project Need: To provide new text.

  Details test and examination criteria for direct gas-fired circulating heaters primarily intended for permanent installation in agricultural animal confinement buildings for use with natural, manufactured and mixed gases, liquified petroleum gases, and LP gas-air mixtures.

NEMA (ASC C8) (National Electrical Manufacturers Association)

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Rosslyn, VA 22209

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BSR ICEA T-31-610-201x, Test Method for Conducting Longitudinal Water Penetration Resistance Tests on Blocked Conductors (revision of ANSI ICEA T-31-610-2007)

Stakeholders: Electric Utilities.

Project Need: To revise the standard to reflect current practice.

Provides for qualification and production test procedures for determining the effectiveness of water blocking components incorporated into the interstices of the stranded and insulated conductor as an impediment to longitudinal water penetration into the conductor. Cables qualified under previous editions of T-31-610 do not need to be retested.

BSR ICEA T-34-661-201x, Test Method for Conducting Longitudinal Water Penetration Resistance Tests on Longitudinal Water Blocked Cables (revision of ANSI ICEA T-34-664-2007)

Stakeholders: Electric Utilities.

Project Need: To revise the standard to reflect current practice.

Provides for qualification and production test procedures for determining the effectiveness of non-metallic water barriers incorporated in a cable construction that are designed as an impediment to longitudinal water penetration along the cable interstices.

BSR NEMA WC 67-201x, Standard for Uninsulated Conductors Used in Electrical and Electronic Applications (revision of ANSI NEMA WC 67-2005)

Stakeholders: Users of insulated wires in aerospace, electrical, electronic, and high performance applications.

Project Need: To revise the standard.

Covers single end (solid) and stranded; coated and uncoated copper; coated copper alloy; coated copper-clad steel; aluminum conductors; and thermocouple-extension-conductors-type uninsulated conductors.

TAPPI (Technical Association of the Pulp and Paper Industry)

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BSR/TAPPI T 576 om-201x, Tensile properties of towel and tissue products (using constant rate of elongation apparatus) (new standard)

Stakeholders: Manufacturers, consumers or converters, and suppliers of pulp, paper, packaging, or related products.

Project Need: To conduct required five-year review of an existing TAPPI standard in order to revise it if needed to address new technology or correct errors.

Describes the procedure, using constant-rate-of-elongation, for determining three tensile breaking properties of towel and tissue: tensile strength, stretch, and tensile energy absorption. This procedure is applicable to all types of towel and tissue including bath, towel, napkin, and facial. The procedure is applicable to instruments performing either vertical or horizontal tests.

TIA (Telecommunications Industry Association)

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

Stakeholders: Mobile manufactures and producers.

Project Need: To revise and update technologies for wireless feature descriptions in CDMA Packet Data Service.

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

TIA (Telecommunications Industry Association)

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BSR/TIA 41.600-E-2005 (R201x), Wireless Radiotelecommunications Intersystems - Introduction to Procedures (reaffirmation of ANSI/TIA 41.600-E-2005)

Stakeholders: Wireless telecom.

Project Need: To reaffirm an existing standard.

Describes the introduction to procedures for wireless radiotelecommunication intersystems.

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
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ADA (Organization)
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API (ORGANIZATION)
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HPS (ASC N13)
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IAPMO
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IEEE (ASC C63)
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Piscataway, NJ 08854
Phone: (732) 465-7806
Web: www.ieee.org

IESNA
Illuminating Engineering Society of North America
120 Wall St., 17th Floor
New York, NY 10005
Phone: (212) 248-5000
Fax: (212) 248-5017
Web: www.iesna.org

IIAR
International Institute of Ammonia Refrigeration
1001 N. Fairfax Street, Suite 503
Arlington, VA 22314
Phone: (703) 312-4200
Fax: (703) 312-0065
Web: www.iiar.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

IWCA (ASC I14)
International Window Cleaning Association
400 Admiral Boulevard
Kansas City, MO 64106
Phone: (800) 875-4922
Fax: (816) 472-7765
Web: www.iwca.org

MHI
Material Handling Industry
8720 Red Oak Blvd., Suite 201
Charlotte, NC 28217-3992
Phone: (704) 676-1190
Fax: (704) 676-1199
Web: www.mhia.org

NEMA (ASC C8)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 1752
Rosslyn, VA 22209
Phone: 703-841-3271
Fax: 703-841-3371
Web: www.nema.org

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

NSF
NSF International
P.O. Box 130140
789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-6806
Fax: (734) 827-6831
Web: www.nsf.org

SCTE
Society of Cable Telecommunications Engineers

140 Philips Rd.
Exton, PA 19341
Phone: (610) 594-7308
Fax: (610) 363-5898
Web: www.scte.org

TAPPI
Technical Association of the Pulp and Paper Industry

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

TechAmerica
TechAmerica

1401 Wilson Boulevard
Suite 1100
Arlington, VA 20004
Phone: (703) 284-5355
Fax: (703) 525-2279
Web: www.techamerica.org

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) 664-1725
Fax: (847) 407-1725
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.

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 22641, Space data and information transfer systems - TM (telemetry) synchronization and channel coding - 2/8/2012, $165.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO/DIS 7870-2, Control charts - Part 2: Shewhart control charts - 2/11/2012, $112.00

COMPRESSORS, PNEUMATIC TOOLS AND PNEUMATIC MACHINES (TC 118)

ISO/DIS 11011, Compressed air - Energy efficiency - Assessment - 2/7/2012, $119.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 10819, Mechanical vibration and shock - Hand-arm vibration - Method for the measurement and evaluation of the vibration transmissibility of gloves at the palm of the hand - 2/10/2012, $71.00

SAFETY OF MACHINERY (TC 199)

ISO/DIS 13856-2, Safety of machinery - Pressure-sensitive protective devices - Part 2: General principles for the design and testing of pressure-sensitive edges and pressure-sensitive bars - 2/10/2012, $125.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO/DIS 3308, Routine analytical cigarette-smoking machine - Definitions and standard conditions - 2/10/2012, $82.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 15638-1, Intelligent transport systems - Framework for collaborative Telematics Applications for Regulated commercial freight Vehicles (TARV) - Part 1: Framework and architecture - 2/11/2012, $175.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 27014, Information technology - Security techniques - Governance of information security - 2/11/2012, $53.00

Newly Published ISO & IEC Standards

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

ISO Standards

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 29172:2011, Information technology - Mobile item identification and management - Reference architecture for Mobile AIDC services, $110.00

ISO/IEC TR 14763-2-1:2011, Information technology - Implementation and operation of customer premises cabling - Part 2-1: Planning and installation - Identifiers within administration systems, $110.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 13082:2011, Milk and milk products - Determination of the lipase activity of pregastric lipase preparation, $65.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 17107:2011, Space data and information transfer systems - XML specification for navigation data messages, $167.00

ISO 22671:2011, Space data and information transfer systems - Space link extension (SLE) - Forward communications link transmission unit (CLTU) service, $220.00

ISO 22672:2011, Space data and information transfer systems - Space link extension (SLE) - Forward space packet service specification, $249.00

BUILDING CONSTRUCTION (TC 59)

ISO 21929-1:2011, Sustainability in building construction - Sustainability indicators - Part 1: Framework for the development of indicators and a core set of indicators for buildings, $135.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 22432:2011, Geometrical product specifications (GPS) - Features utilized in specification and verification, $149.00

ERGONOMICS (TC 159)

ISO 9241-303:2011, Ergonomics of human-system interaction - Part 303: Requirements for electronic visual displays, $141.00

GEOTECHNICS (TC 182)

ISO 22476-2/Amd1:2011, Geotechnical investigation and testing - Field testing - Part 2: Dynamic probing - Amendment 1, $16.00

ISO 22476-3/Amd1:2011, Geotechnical investigation and testing - Field testing - Part 3: Standard penetration test - Amendment 1, $16.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO 30300:2011, Information and documentation - Management systems for records - Fundamentals and vocabulary, $86.00

ISO 30301:2011, Information and documentation - Management systems for records - Requirements, $104.00

PAINTS AND VARNISHES (TC 35)

ISO 2431:2011, Paints and varnishes - Determination of flow time by use of flow cups, $86.00

PAPER, BOARD AND PULPS (TC 6)

ISO 2493-2:2011, Paper and board - Determination of bending resistance - Part 2: Taber-type tester, $65.00

PLASTICS (TC 61)

ISO 1043-1:2011, Plastics - Symbols and abbreviated terms - Part 1: Basic polymers and their special characteristics, $86.00

ISO 1043-2:2011, Plastics - Symbols and abbreviated terms - Part 2: Fillers and reinforcing materials, $43.00

ISO 23559:2011, Plastics - Film and sheeting - Guidance on the testing of thermoplastic films, $57.00

POWDER METALLURGY (TC 119)

ISO 14168:2011, Metallic powders, excluding hardmetals - Method for testing copper-base infiltrating powders, $43.00

PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)

ISO 254:2011, Belt drives - Pulleys - Quality, finish and balance, $43.00

QUALITY MANAGEMENT AND QUALITY ASSURANCE (TC 176)

ISO 19011:2011, Guidelines for auditing management systems, $141.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 124:2011, Latex, rubber - Determination of total solids content, $57.00

ISO 125:2011, Natural rubber latex concentrate - Determination of alkalinity, $49.00

ISO 7743:2011, Rubber, vulcanized or thermoplastic - Determination of compression stress-strain properties, $104.00

ISO 4664-1:2011, Rubber, vulcanized or thermoplastic - Determination of dynamic properties - Part 1: General guidance, $110.00

ISO 6101-6:2011, Rubber - Determination of metal content by atomic absorption spectrometry - Part 6: Determination of magnesium content, $57.00

SOIL QUALITY (TC 190)

ISO 11262:2011, Soil quality - Determination of total cyanide, $86.00

STEEL (TC 17)

ISO 13887:2011, Cold-reduced steel sheet of higher yield strength with improved formability, $57.00

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

ISO 9177-1:2011, Mechanical pencils - Part 1: Classification, dimensions, performance requirements and testing, $57.00

THERMAL INSULATION (TC 163)

ISO 15927-5/Amd1:2011, Hygrothermal performance of buildings - Calculation and presentation of climatic data - Part 5: Data for design heat load for space heating - Amendment 1, $16.00

WATER QUALITY (TC 147)

ISO 14380:2011, Water quality - Determination of the acute toxicity to Thamnocephalus platyurus (Crustacea, Anostraca), $104.00

ISO Technical Specifications

NANOTECHNOLOGIES (TC 229)

ISO/TS 11308:2011, Nanotechnologies - Characterization of single-wall carbon nanotubes using thermogravimetric analysis, $104.00

ISO/TS 11888:2011, Nanotechnologies - Characterization of multiwall carbon nanotubes - Mesoscopic shape factors, $92.00

ISO/TS 12805:2011, Nanotechnologies - Materials specifications - Guidance on specifying nano-objects, $104.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/TS 16176:2011, Rubber compounding ingredients - Carbon black - Determination of the aggregate-size distribution at ultimate dispersion, $65.00

ISO/IEC Guides

OTHER

ISO/IEC Guide 98-3/Suppl 2:2011, Extension to any number of output quantities, $180.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23000-11/Amd2:2011, Signalling of additional composition type and profiles, $16.00

ISO/IEC 16504:2011, Information technology - Telecommunications and information exchange between systems - MAC and PHY for operation in TV white space, $235.00

ISO/IEC 18031:2011, Information technology - Security techniques - Random bit generation, $220.00

ISO/IEC 9797-3:2011, Information technology - Security techniques - Message Authentication Codes (MACs) - Part 3: Mechanisms using a universal hash-function, $110.00

ISO/IEC 24789-2:2011, Identification cards - Card service life - Part 2: Methods of evaluation, $104.00

IEC Standards

CAPACITORS AND RESISTORS FOR ELECTRONIC EQUIPMENT (TC 40)

IEC 62391-2 Ed. 1.0 b:2006, Fixed electric double-layer capacitors for use in electronic equipment - Part 2: Sectional specification - Electric double layer capacitors for power application, $107.00

IEC 60384-11 Ed. 3.0 b:2008, Fixed capacitors for use in electronic equipment - Part 11: Sectional specification - Fixed polyethylene-terephthalate film dielectric metal foil d.c. capacitors, $128.00

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

IEC 61892-SER Ed. 1.0 en:2011, Mobile and fixed offshore units - Electrical installations - ALL PARTS

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

IEC 61587-1 Ed. 3.0 b:2011, Mechanical structures for electronic equipment - Tests for IEC 60917 and IEC 60297 series - Part 1: Environmental requirements, test set-up and safety aspects for cabinets, racks, subracks and chassis under indoor conditions, $117.00

FIBRE OPTICS (TC 86)

IEC/TR 62343-6-8 Ed. 1.0 en:2011, Dynamic modules - Part 6-8: Categorization study of dynamic performance requirements, $46.00

HIGH-VOLTAGE TESTING TECHNIQUES (TC 42)

IEC 60060-SER Ed. 1.0 b:2011, High-voltage test techniques - ALL PARTS

INDUSTRIAL ELECTROHEATING EQUIPMENT (TC 27)

IEC 60676 Ed. 3.0 b:2011, Industrial electroheating equipment - Test methods for direct arc furnaces, $97.00

INSULATION CO-ORDINATION (TC 28)

IEC 60071-SER Ed. 1.0 b:2011, Insulation co-ordination - ALL PARTS, $1734.00

INSULATION CO-ORDINATION FOR LOW-VOLTAGE EQUIPMENT (TC 109)

IEC 60664-SER Ed. 1.0 b:2011, Insulation coordination for equipment within low-voltage systems - ALL PARTS

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC 60598-2-2 Ed. 3.0 b:2011, Luminaires - Part 2-2: Particular requirements - Recessed luminaires, $41.00

PERFORMANCE OF HOUSEHOLD ELECTRICAL APPLIANCES (TC 59)

IEC 60312-1 Ed. 1.1 en:2011, Vacuum cleaners for household use - Part 1: Dry vacuum cleaners - Methods for measuring the performance, $326.00

POWER ELECTRONICS (TC 22)

IEC 61800-3 Amd.1 Ed. 2.0 b:2011, Amendment 1 - Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods, $97.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

IEC 62351-SER Ed. 1.0 en:2011, Power systems management and associated information exchange - Data and communications security - ALL PARTS, $1240.00

PRIMARY CELLS AND BATTERIES (TC 35)

IEC 60086-SER Ed. 1.0 b:2011, Primary batteries - ALL PARTS, FREE

SAFETY OF MACHINERY - ELECTROTECHNICAL ASPECTS (TC 44)

IEC 60204-SER Ed. 1.0 b:2011, Safety of machinery - Electrical equipment of machines - ALL PARTS

SEMICONDUCTOR DEVICES (TC 47)

IEC 60747-16-4 Ed. 1.1 b:2011, Semiconductor devices - Part 16-4: Microwave integrated circuits - Switches, $265.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

IEC 60904-SER Ed. 1.0 b:2011, Photovoltaic devices - ALL PARTS, FREE

IEC 61730-1 Amd.1 Ed. 1.0 b:2011, Amendment 1 - Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction, $26.00

IEC 61730-2 Amd.1 Ed. 1.0 b:2011, Amendment 1 - Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing, $26.00

SURFACE MOUNTING TECHNOLOGY (TC 91)

IEC 62137-3 Ed. 1.0 b:2011, Electronics assembly technology - Part 3: Selection guidance of environmental and endurance test methods for solder joints, $179.00

IEC 60068-2-21 Ed. 6.0 b:2006, Environmental testing - Part 2-21: Tests - Test U: Robustness of terminations and integral mounting devices, $128.00

WIND TURBINE GENERATOR SYSTEMS (TC 88)

IEC 61400-SER Ed. 1.0 b:2011, Wind turbine generator systems - ALL PARTS, $2722.00

IEC Technical Specifications

WIND TURBINE GENERATOR SYSTEMS (TC 88)

IEC/TS 61400-26-1 Ed. 1.0 en:2011, Wind turbines - Part 26-1: Time-based availability for wind turbine generating systems, $204.00

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

Viewray

Public Review: October 7, 2011 to January 3, 2012

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

The INCITS Executive Board serves as the consensus body with its oversight of programs of its 40+ Technical Committees. Additionally, the INCITS Executive Board exercises international leadership in its role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

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

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

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

Call for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Administrative Reaccreditations

American Iron and Steel Institute (AISI)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the American Iron and Steel Institute (AISI), a full ANSI organizational member, has been administratively approved under its recently revised operating procedures for documenting consensus on proposed American National Standards, effective November 16, 2011. For additional information, please contact: Mr. Jay Larson, P.E., F.ASCE, Managing Director, Construction Technical, American Iron and Steel Institute, 3425 Drighton Court, Bethlehem, PA 18020-1335; PHONE: (610) 691-6334; E-mail: jlarson@steel.org.

Automotive Life Institute (ALI)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the Automotive Lift Institute (ALI), a full ANSI organizational member, has been administratively approved under its recently revised operating procedures for documenting consensus on proposed American National Standards, effective November 15, 2011. For additional information, please contact: Ms. Heather Almeida, Administrative Manager, Automotive Lift Institute, Inc., P.O. Box 85, Cortland, NY 13045; PHONE: (607) 756-7775; FAX: (607) 756-0888; E-mail: heather@autolift.org.

Hardwood Plywood & Veneer Association (HPVA)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the Hardwood Plywood & Veneer Association (HPVA), a full ANSI organizational member, has been administratively approved under its recently revised operating procedures for documenting consensus on proposed American National Standards, effective November 15, 2011. For additional information, please contact: Mr. Brian Sause, Director of Testing, Certification and Standards, Hardwood Plywood & Veneer Association, P.O. Box 2789, 1825 Michael Faraday Drive, Reston, VA 20190; PHONE: (703) 435-2900; FAX: (703) 435-2537; E-mail: bsause@hpva.org.

National Institute of Standards and Technology (NIST)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the National Institute of Standards and Technology (NIST) has been administratively approved under its recently revised operating procedures for documenting consensus on proposed American National Standards, effective November 15, 2011. For additional information, please contact: Mr. Michael Hogan, Standards Liaison, Information Technology Laboratory, NIST, 100 Bureau Drive, Stop 8900, Gaithersburg, MD 20899-8900; PHONE: (301) 975-2926; FAX: (301) 975-2378; E-mail: m.hogan@nist.gov.

ANSI Accreditation Program for Third Party Product Certification Agencies

Initial Application

ASI Food Safety Consultants (ASI)

Comment Deadline: December 19, 2011

Mr. Tom Huge, President
ASI Food Safety Consultants (ASI)
7625 Page Blvd
Saint Louis, MO 63133
PHONE: (800) 477-0778
FAX: (314) 727-2563
E-mail: thuge@asifood.com

ASI Food Safety Consultants (ASI) has submitted formal application for accreditation by ANSI of the following scope(s) of this certification body:

- SQF 2000 Code
- BRC Global Standard for Storage and Distribution
- BRC Global Standard for Food Safety

Please send your comments within December 19, 2011 to Reinaldo Figueiredo, Senior Program Director, Product Certification Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036.

You may fax (202-293 9287) or E-mail any comments to Reinaldo Figueiredo (rfigueir@ansi.org) or Nikki Jackson, Program Manager (njackson@ansi.org).

ANSI-ASQ National Accreditation Board (ANAB)

ISO/IEC 27001 Information Security Management Systems

Notice of Accreditation

Certification Body

AQA International, LLC

The ANSI-ASQ National Accreditation Board is pleased to announce that the following certification body has earned ANAB accreditation for ISO/IEC 27001 Information Security Management Systems:

AQA International, LLC
501 Commerce Drive NE
Columbia, SC 29223
www.aqausa.com
Stacey Blazik
PHONE: 803-779-8150
E-mail: sblazik@aqausa.com

International Organization for Standardization (ISO)

Establishment of Technical Committees

ISO/TC 264 – Fireworks

The ISO Technical Management Board has created a new ISO Technical Committee on Fireworks (ISO/TC 264). The secretariat has been assigned to SAC (China). The new technical committee has the following scope:

> Standardization in the field of Fireworks, including quality control, definitions, terminology, classification, categorization, labelling, test methods and basic safety requirements.

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

ISO/TC 265 – Carbon capture and storage (CCS)

The ISO Technical Management Board has created a new ISO Technical Committee on Carbon Capture and Storage (ISO/TC 265). The secretariat has been assigned to SCC (Canada). The new technical committee has the following scope:

> Standardization of materials, equipment, environmental planning and management, risk management, quantification and verification, and related activities in the field of carbon capture and storage (CCS)

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

BSR/IIAR 1

Substantive changes resulting from comments received during the third public review of this standard. The public is invited to comment on the *changes* shown below. For additional context or to see the full standard, contact the IIAR office.

Definitions and Terminology Used in IIAR Standards

pressure vessel: Any *refrigerant* containing receptacle in a *closed circuit mechanical refrigerating system* designed and manufactured under the rules of ASME Section VIII, Division 1, Boiler and Pressure Vessel Code. See also *receiver: receiver* and *controlled-pressure receiver.*

EXCEPTIONS per ASME Section VIII, Division 1, Boiler and Pressure Vessel Code:

a. *Compressors*
b. Pumps
c. Controls

EXCEPTIONS per ASME B31.5, Refrigeration Piping and Heat Transfer Components:

a. ~~*Condensers* and~~ *Condenser Coils*
b. ~~*Evaporators* and~~ *Evaporator Coils*
c. *Headers*
d. *Piping*
e. Other components and their headers not constructed as pressure vessels

Default Ballot
SP-3-3339-RV2, CUSTOMER OWNED OUTSIDE PLANT
TELECOMMUNICATIONS INFRASTRUCTURE STANDARD (to be published as ANSI/TIA-758-B)

This default ballot is a result of the comment resolution held regarding SP-3-3339-RV2 and is limited to 6 specific technical changes. Other comments submitted to SP-3-3339-RV2 were resolved editorially. The results of the SP-3-3339-RV2 ballot consisted of 22 “abstain”, 12 “approve” votes, 2 “approve with comments” votes, and 1 with "disapprove with comments".

This default ballot is constructed in a table format with the submitter (source) of each SP-3-3339-RV2 ballot comment included in the “ID” column for each row. Each comment within this default ballot corresponds to the location within the SP-3-3339-RV2 ballot document (page, clause, line). The locations of the technical changes for this default ballot correspond to the locations within the SP-3-3339-RV2 ballot document.

For the purpose of this default ballot, the resolution to the submitter’s comment that was reached by the Subcommittee should be considered in your vote and comment. For example:

- If you agree with the resolution to these items, your vote would be “yes”, or
- if you agree with the resolution, but have comments to the resolution, your vote would be “yes with comments” and include specific proposed changes along with rationale, or
- if you disagree with the resolution, your vote would be “disapprove with comments” and include specific proposed changes along with rationale.

53	1712	5.2.1	T	PPC-1	Coaxial equipment for CATV uses 5/8 interface	From: Type N connecting hardware is available for each particular cable size. To: 5/8 M and 5/8 F connecting hardware is available for each particular cable size. Add: As outlined by ANSI/SCTE 92 2007 Specification for 5/8-24 Plug, (Male), Trunk and Distribution Connectors and ANSI/SCTE 91 2009 Specification for 5/8-24 RF & AC Equipment Port, Female	Resolution: Accept with edits: 5/8-24 connecting hardware is available for each particular cable size. *Add:* As outlined by ANSI/SCTE 92 2007 Specification for 5/8-24 Plug, (Male), Trunk and Distribution Connectors and ANSI/SCTE 91 2009 Specification for 5/8-24 RF & AC Equipment Port, Female (T)
54	1724	5.2.3.1	T	PPC-4	Connector gender needs to be defined for attachment to cable and equipment	From: N-type connecting hardware is designed to fit each particular cable size and type. The cable To: 5/8 M connecting hardware is designed to fit each particular cable size and type. The connector	Resolution: Accept with edits 5/8-24 connecting hardware is designed to fit each particular cable size and type. The connector (T)
55	1778	5.3.3.3.1.1	T	Corning-43	Dielectric and armored cables are available in Figure 8 designs.	From: These self-supporting cables incorporate a duct cable and a messenger in a common sheath. To These self-supporting cables incorporate a duct or armoured cable and a messenger in a common sheath.	Resolution: Accept with edits These self-supporting cables incorporate a duct or armored cable and a messenger in a common sheath. (T)
55	1785	5.3.3.4	TN	Corning-44	TIA-568 C.3 references TIA 472E000/ICEA S-104-696-2003 for I/O cable which requires the cable to be water blocked.	From: These cables should be water-blocked, UV resistant cables. To: These cables shall be water-blocked, UV resistant cables.	Resolution: Accept (T)
57	1828	5.3.6	TN	Corning-45	GR-326 provides SMF connector guidance and is not an open standard for industry review and comment. TIA-568 C.3 provides connector guidance that captures OSP deployment conditions.	Delete: Additionally, for environmentally unconditioned OSP spaces, patch cords and jumpers shall meet environmental test requirements of Telcordia GR-326.	Resolution: Accept (T)
58	1867	5.4.1	T	Corning-46	Believe guidance applies to only twisted pair copper cable for customer owned outside plant structured cabling system infrastructure.	From: Pressurization of air-core cables To: Pressurization of air-core copper twisted pair cables	Resolution: Accept with edits (T) Pressurization of air-core twisted pair cables

The Standard for Safety for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Shavers, Hair Clippers and Similar Appliances, UL 60335-2-8

1. Revision of the IEC text to incorporate amendment 2 of IEC 60335-2-8 issued September 2008 and revision to minimize the number of national differences and more closely align with the IEC standard.

PROPOSAL

3.101DV D2 Modification to replace the definition for animal shearer with the following:

ANIMAL SHEARER: Appliance for commercial use for shearing the fleece of an animal such as a sheep, in which the distance between the stationary ~~and moving~~ blade teeth is typically large enough to introduce a risk of personal injury.

7.101DV.2 The instructions shall include the items in the following list, as applicable, and any other instructions that the manufacturer requires for the appliance. The statement "Read all instructions before using" shall precede the list of items following the word "DANGER." The items are not required to be numbered.

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic precautions are required to always be followed, including the following:

Read all instructions before using (this appliance)

DANGER - To reduce the risk of electric shock:

1. Do not reach for an appliance that has fallen into water. Unplug immediately from receptacle.

2. Do not use while bathing or in a shower.

Exception: This statement is not needed for a wet shaver, or other appliances intended for use in a bath or shower.

3. Do not place or store appliance where it is able to fall or be pulled into a tub or sink. Do not place in or drop into water or other liquid.

4. Except when charging, always unplug this appliance from the electrical outlet immediately after using.

5. Unplug this appliance before cleaning.

WARNING - To reduce the risk of burns, fire, electric shock, or injury to persons:

1. An appliance shall never be left unattended when plugged in.

Exception: This statement need not be included for an extra low-voltage, battery-operated appliance that must be recharged.

2. Close supervision is required when this appliance is used by, on, or near children, or persons with limited physical, sensory, or mental capabilities or invalids.

3. Use this appliance only for its intended use as describe in this manual. Do not use attachments not specified by the manufacturer.

4. Never operate this appliance when it has a damaged cord or plug, when it is not working properly, after it has been dropped or damaged, or after it has been dropped into water. Return the appliance to a service center for examination and repair.

5. Keep the cord away from heated surfaces.

6. Never operate this appliance with the air openings blocked or while on a soft surface, such as a bed or couch, where it is possible for the air openings to be blocked. Keep the air openings free of lint, hair, and similar objects.

7. Never drop or insert any object into any opening.

8. Do not use outdoors or operate where aerosol (spray) products are being used or where oxygen is being administered.

9. Do not use this appliance with a damaged or broken comb, as it has the potential to result in facial injury.

10. Connect this appliance to a properly grounded outlet only. See Grounding Instructions.

11. Always attach plug to appliance first, then to outlet. To disconnect, turn all controls to off position (e.g. "0") then remove plug from outlet.

SAVE THESE INSTRUCTIONS

BSR/UL 234 Proposal

1. New Paragraph 1.3 to include reference to UL 8750 for requirements for LED components and subassemblies

1.1 These requirements apply to ~~incandescent and fluorescent~~ low-voltage luminaires, rated 24 volts or less, of the surface mounted or recessed type intended for permanent installation in recreational vehicles in accordance with Article 551 of the National Electrical Code, NFPA 70.

1.3 Light emitting diode (LED) components and subassemblies integral to a low voltage luminaire covered by this standard shall comply with the applicable requirements of the Standard for Light Emitting Diode (LED) Equipment for Use in Lighting Products, UL 8750.

2. Editorial correction to add Fahrenheit equivalent in 28.3(b)

28.3 The test is to be continued until constant temperatures are obtained. A temperature is considered to be constant if:

a) The test has been running for at least 3 hours; and

b) Three successive readings, taken at 15-minute intervals, are within 1°C (1.8°F) of one another and are still not rising.

BSR/UL 1008 – Addition of Supplemental Requirements for Branch Circuit Emergency Lighting Transfer Switches

SC - REQUIREMENTS FOR BRANCH CIRCUIT EMERGENCY LIGHTING TRANSFER SWITCHES

INTRODUCTION

SC1 Scope

SC1.1 These requirements cover emergency lighting transfer switches that are intended for installation on the load side of maximum 20 A normal and emergency lighting branch circuits.

SC1.2 The branch circuit emergency lighting transfer switches (BCELTS) covered by these requirements are intended only for use in emergency, legally required standby, or optional standby lighting systems as described in the National Electrical Code (NEC), NFPA 70, Articles 700, 701, and 702. They are not intended for use as general purpose transfer switches as described in those articles.

SC1.3 These requirements apply to BCELTS that are integral to emergency lighting equipment or are separate from the lighting equipment.

SC1.4 These requirements do not address the emergency lighting equipment that is connected to the BCELTS.

SC1.5 These requirements do not apply to transfer switches that incorporate a single switching element to transfer power between the normal and emergency sources of supply. See SC3.2.

SC2 Glossary

SC2.1 BRANCH CIRCUIT EMERGENCY LIGHTING TRANSFER SWITCH (BCELTS) - A device intended to energize (to appropriate power or illumination levels) switched or normally off emergency lighting equipment from an emergency supply in the event of failure of the normal supply, and to de-energize or return the equipment to normal status when the normal supply is restored. This device is capable of transmitting power from either the normal or emergency supply to specific lighting loads. It is intended to be installed such that the emergency source terminals are fed from an emergency lighting branch circuit, and the normal source terminals are fed from a normal (non-emergency lighting) branch circuit. It is designed to preclude interaction between the emergency and normal power sources under all conditions of operation.

CONSTRUCTION

SC3 General

SC3.1 A BCELTS shall comply with the construction requirements of the Standard for Emergency Lighting Equipment, UL 924, in addition to those of this Supplement.

SC3.2 Where a sequence of switches or relays are used to manage switching between sources, the sequence shall be such that the failure of any one element (such as contact welding or shorting of an electronic device) shall not permit the two power sources to concurrently be available across any spacing (clearance or creepage distance) less than twice the spacing required by Spacings, Section 37 of the Standard for Emergency Lighting Equipment, UL 924.

SC3.3 Where an electronic (solid-state) timing circuit is used to manage switching between sources, the circuit shall be evaluated and found to comply with the Standard for Tests for Safety-Related Controls Employing Solid-State Devices, UL 991.

SC3.4 No single element within a BCELTS (such as a relay contact) shall be permitted to switch a conductor between concurrently energized normal (utility) and emergency sources, under any condition of operation including single fault conditions. Compliance shall be determined during the Operation test, SC4.2.

SC3.5 Under no conditions, including failure of any one element in the BCELTS (such as contact welding or shorting of an electronic device) shall emergency power be present on the normal source terminals, or normal power be available on the emergency power source terminals. Compliance shall be determined during the Operation test, SC4.2.

PERFORMANCE

SC4 General

SC4.1 Emergency lighting switching devices shall comply with the applicable performance requirements of UL 924, and with the Operation test, SC4.2.

SC4.2 Operation test

SC4.2.1 When subjected to the test sequence described in Table SC4.1, the BCELTS shall demonstrate compliance with SC3.4 and SC3.5. During this test sequence, the BCELTS shall be connected as intended to its normal and emergency source, and controlled load(s). The test sequence shall be performed with an emergency source that is out of phase from the normal source, having a displacement from the normal source of 180 degrees for single phase devices, and 120 degrees for three phase devices.

Table SC4.1

Operation test sequence

Step	Duration	Normal source	Emergency source
1	5 minutes	On	Off
2	10 seconds	Off	Off
3	5 minutes	Off	On
4	1 minute	On	On
5	1 minute	On	Off
6	1 second	Off	Off
7	10 seconds	Off	On
8	10 seconds	On	On
9	10 seconds	On	Off
10	0.1 seconds*	Off	Off
11	10 seconds	Off	On

12	1 minute	On	On
13	1 minute	On	Off
*Approximate duration, simulating near-simultaneous activation of the emergency source.			

SC4.2.2 The input (normal and emergency) and output (load) terminals of the device shall be continuously monitored to demonstrate that:

a) The output voltage always matches only one of the input voltage waveforms, verifying that only one power source is being transmitted to the output (see SC3.4), and

b) Emergency source power is not available (backfed) at the normal power input terminals, and vice versa (see SC3.5).

SC4.2.3 The test sequence of Table SC4.1 shall be repeated under each likely single fault condition, except for fault conditions where circuit analysis indicates the fault will not result in an unsafe operation as described in SC3.4 and SC3.5.

MARKINGS AND INSTRUCTIONS

SC5 General

SC5.1 Markings and instructions shall be as required by the Standard for Emergency Lighting Equipment, UL 924, and with this section.

SC5.2 A BCELTS shall be provided with instructions and connection diagrams that indicate the emergency source terminals must be connected to a maximum 20 A emergency lighting branch circuit on the load side of a Listed automatic transfer switch. These instructions and diagrams shall also indicate that only emergency lighting circuits may be connected to the output.

PROPOSAL FOR BSR/UL 1626

11A Polymeric Sprinklers

11A.1 Sprinklers having pressure retaining and other load bearing components made of polymeric materials shall be constructed to comply with the following:

a) Construction requirements described in Sections 6-11A, Manufacturing and Production performance requirements described in Sections 47-49, Marking requirements described in Section 50 and Installation Instruction requirements described in Section 51.

b) Performance requirements described in Sections 12-46A, except Section 37.

c) Sprinklers that have polymeric gaskets and no additional pressure retaining or load bearing polymeric components shall comply with the requirements described in Sections 12-46 and are not limited to the use restrictions described in 11A.2 and 11A.3.

11A.2 Polymeric materials used to construct pressure retaining and load bearing components shall be constructed in such a manner that the polymeric materials do not extend into the area being protected by the sprinkler unless covered with a metallic material such as brass, bronze or stainless steel.

11A.3 The manufacturer's installation instructions shall indicate that the polymeric sprinklers are to be installed in NFPA 13D applications and attached to sprinkler systems constructed of plastic sprinkler pipe and fittings only. See Section 51.

TESTS UNIQUE TO POLYMERIC SPRINKLERS

46A Polymeric Sprinkler Exposure Tests

46A.1 General

46A.1.1 After being subjected to the test exposures specified in 46A.1.2, polymeric sprinkler assemblies shall comply with the Leakage Test (Section 22), Hydrostatic Strength Test (Section 23), and Flow Endurance Test (Section 21).

46A.1.2 The sprinkler sample assemblies are to be subjected to the following exposures:

a) Water immersion specified in 46A.3 for 180 days;

b) Air-oven aging specified in 46A.4 for 180 days; and

c) Accelerated light and water specified in 46A.5.

46A.2 Test Samples and Post Exposure Testing

46A.2.1 Eight sprinkler sample assemblies are to be subjected to each exposure described in 46A.3 - 46A.5. For sprinkler inlets with pipe threads constructed of a polymeric material, the inlet is to be threaded into a fitting with metallic threads that allow the sprinkler inlet to be open to the exposure environment during the tests described in 46A.3 and 46A.4. The inlet of four sprinkler samples shall be tightened into a fitting using the maximum torque value specified in the manufacturer's instructions and the remaining four samples shall be tighten to 120% of the maximum torque value specified in the manufacturer's installation instructions prior to placing the samples into the exposures described in 46A.3 and 46A.4. After the exposure described in 46A.5, the inlet of four sprinkler samples shall be tightened into a fitting with metallic threads using the maximum torque value specified in the manufacturer's instructions and the remaining four samples shall be tighten to 120% of the maximum torque value specified in the manufacturer's installation instructions prior to the physical testing described in 46A.2.2.

Exception: For sprinklers with polymeric inlet pipe threads that are constructed to prevent over-torqueing during installation, eight samples are tightened into a fitting using only the maximum torque value specified in the manufacturer's instructions.

46A.2.2 Following the exposures described in 46A.3 - 46A.5, three samples with the maximum torque value and three samples with 120% of the maximum torque value from each exposure are to be subjected to the Leakage Test (Section 22) and Hydrostatic Strength Test (Section 23). When subjected to the Leakage Test (Section 22), no visible leakage past a polymeric threaded inlet connection shall be observed when the pipe threads are sealed as specified by the manufacturer. The remaining samples from each exposure are to be subjected to the Flow Endurance Test (Section 21).

46A.2.3 At the manufacturer's option, additional samples shall be permitted to be subjected to these exposures and removed for physical testing after shorter exposure durations to obtain interim results for informational purposes.

46A.3 Water immersion exposure

46A.3.1 The test samples specified in 46A.2 are to be immersed in a bath containing tap water and maintained at a temperature of 189 ± 4°F (87 ± 2°C) for a period of 180 days. After the exposure, the samples are to be conditioned for not less than 24 hours at 70 ± 5°F (21 ± 3°C) prior to the physical testing described in 46A.2.2.

46A.4 Air oven aging exposure

46A.4.1 The test samples specified in 46A.2 are to be subjected to 242± 5°F (117 ± 3°C) for 180 days. After the exposure, the samples are to be conditioned for not less than 24 hours at 70 ± 5°F (21 ± 3°C) prior to the physical testing descri bed in 46A.2.2.

Exception: An air oven aging test at a lower temperature for a longer period of time may be applied. The duration of exposure is to be calculated from the following formula:

$$D = (184049)e^{-6.93(t1/t2)}$$

where:

D = test duration in days;

t_1 *= lower test temperature for longer duration, °C; and*

t_2*= test temperature for D = 180 days, °C.*

46A.5 Light and water exposure

46A.5.1 The test samples specified in 46A.2 are to be exposed to ultraviolet light exposure in accordance with the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C. For polymeric sprinklers intended for indoor installations only, the exposure period shall be 360 hours for carbon-arc or 500 hours for xenon-arc conditioning. For polymeric sprinklers intended for outdoor installations only, the exposure period shall be 720 hours for carbon-arc or 1000 hours for xenon-arc conditioning. After the exposure, the samples are to be conditioned for not less than 24 hours at 70 ± 5°F (21 ± 3°C) prior to the physical testing described in 46A.2.2.

46B Long-Term Hydrostatic Pressure Test for Polymeric Sprinklers

46B.1 When tested as described in 46B.2 and 46B.3, polymeric sprinkler assemblies shall withstand 2.5 times the rated working pressure for a period of 90 days without rupture, leakage,

or operation with the assemblies conditioned to 150 ℉ and then comply with the Leakage (Section 22) and Sensitivity Oven Heat (Section 29.1) Tests.

46B.2 Ten sprinkler sample assemblies are to be subjected to this test. For sprinkler inlets with pipe threads constructed of a polymeric material, the inlet of five sprinkler samples shall be tightened into a fitting with metallic threads using the maximum torque value specified in the manufacturer's instructions and the remaining five samples shall be tighten to 120% of the maximum torque value specified in the manufacturer's installation instructions prior to applying the test pressure.

Exception: For sprinklers with polymeric inlet pipe threads that are constructed to prevent over-torquing during installation, ten samples are tightened into a fitting using only the maximum torque value specified in the manufacturer's instructions.

46B.3 The test samples shall be connected to water filled supply piping, vented of entrapped air, and subjected to a constant pressure of 2.5 times the rated working pressure. The test samples are to be conditioned in an automatically controlled air bath or oven that is capable of maintaining a constant temperature of 150 ± 4℉ (66 ± 2℃) for 90 days. After the exposure, the samples are to be conditioned for not less than 24 hours at 70 ± 5℉ (21 ± 3℃) prior to further testing. Each sample shall be then be subjected to the Leakage Test (Section 22) followed by the Sensitivity Oven Heat Test (Section 29.1).

46C Temperature Cycling Exposure for Polymeric Sprinklers

46C.1 When subjected to the temperature cycling exposure described in 46C.2 and 46C.3, polymeric sprinkler assemblies shall not rupture, leak, or operate and then comply with the Leakage Test (Section 22), Sensitivity Oven Heat Test (Section 29.1), and Flow Endurance Test (Section 21).

46C.2 Ten sprinkler sample assemblies are to be subjected to this test. For sprinkler inlets with pipe threads constructed of a polymeric material, the inlet of five sprinkler samples shall be tightened into a fitting with metallic threads using the maximum torque value specified in the manufacturer's instructions and the remaining five samples shall be tighten to 120% of the maximum torque value specified in the manufacturer's installation instructions prior to applying the test pressure.

Exception: For sprinklers with polymeric inlet pipe threads that are constructed to prevent over-torquing during installation, ten samples are tightened into a fitting using only the maximum torque value specified in the manufacturer's instructions.

46C.3 The test samples are to be exposed to ten temperature cycles while pressurized with air to 40 psig (276 Kpa) with each cycle comprised of a 24-hour exposure to a low temperature of minus 40 ℉ ± 4℉ (minus 40℃ ± 2℃) and a 24-hour exposure to 150 ± 4℉ (66 ± 2℃). After

the exposure, the samples are to be conditioned for not less than 24 hours at 70 ± 5°F (21 ± 3°C) prior to further testing. Each sample shall be then be subjected to the Leakage Test (Section 22) followed by the Sensitivity Oven Heat Test (Section 29.1). One of the samples shall then be subjected to the Flow Endurance Test (Section 21).

46D Impact Test for Polymeric Sprinklers

46D.1 A polymeric sprinkler assembly, except for dry-type sprinklers, shall not be damaged or leak when tested as described in 46D.2 and then comply with the Leakage Test (Section 22), Sensitivity Oven Heat Test (Section 29.1), and Flow Endurance Test (Section 21).

46D2 With each sample conditioned to the minimum installation temperature referenced in the manufacturer's instructions or 0± 4°F (minus 18°C ± 2°C), whichever is lower, five sprinkler sample assemblies are to be subjected to an impact by dropping a cylindrical mass equivalent to the mass of the sprinkler to the nearest 15-g increment from a height of one meter onto the geometric center of the deflector or, when this is not practicable, onto the butt end of the sprinkler. The mass is to be prevented from impacting more than once upon each sample. See Figure 18.1 for a description of the test arrangement. Following the impact, each sprinkler is to be visually examined and there shall be no evidence of cracks, breaks, or any other damage. Each sample shall be then be subjected to the Leakage Test (Section 22) followed by the Sensitivity Oven Heat Test (Section 29.1). One of the samples shall then be subjected to the Flow Endurance Test (Section 21).

51.5 For polymeric sprinklers described in Section 11A, the following shall be provided:

a) Information indicating that the sprinklers are limited for installation and use in accordance with Standard for Installation of Sprinkler Systems in One- and Two-Family Dwellings and Mobile Homes, NFPA 13D when attached to plastic sprinkler pipe and fittings only.

b) For sprinklers with polymeric inlet threads, the type of thread sealant to be used and the maximum torque to be used to tighten the inlet thread into a fitting shall be specified.

c) Minimum installation temperature.

d) Indoor use only, or both indoor and outdoor installations.

BSR/UL 2200

61.2.25 A unit provided with ~~a circuit breaker~~ overcurrent protection in the generator output ~~AC~~ circuit(s), where the sum of the overcurrent protective device rating(s) ~~that~~ is ~~rated~~ less than the rated generator output current, based on rated amperes, VA or Watts shall be marked "THE GENSET OVERCURRENT PROTECTION ~~DEVICE~~ IS RATED LESS THAN THE GENSET FULL LOAD CAPABILITY", or equivalent.