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: September 7, 2014

ASPE (American Society of Plumbing Engineers)

New Standard

BSR/WQA/ASPE S-802-201x, Sustainable Activated Carbon Media for Drinking Water Treatment (new standard)

The scope of this standard is limited to activated carbon used in the filtration of potable drinking water within the following applications: point of use (POU) systems/products, point of entry (POE) systems, commercial/industrial systems, and municipal supply. The following product types are excluded from the scope of this standard: activated carbon used in groundwater or wastewater remediation and carbon cartridge components such as carbon blocks. This standard will be applicable globally and may be applied to certification of applicable products by any qualified certification body.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Gretchen Pienta, (847) 296 -0002, gpienta@aspe.org

NSF (NSF International)

Revision

BSR/NSF 14-201x (i40r4), Plastic Piping System Components and Related Materials (revision of ANSI/NSF 14-2013)

This Standard establishes minimum physical, performance, and health effects requirements for plastic piping system components and related materials. These criteria were established for the protection of public health and the environment.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 162-201X, Standard for Safety for Foam Equipment and Liquid Concentrates (new standard)

These requirements cover foam producing equipment and liquid concentrates employed for the production and discharge of foam that has an expansion ratio of 20:1 or less and is used for fire extinguishment.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Edward Minasian, (631) 546-3305, Edward.D.Minasian@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 9-201x, Standard for Safety for Fire Tests of Window Assemblies (revision of ANSI/UL 9-2004 (R2009))

(1) Revision to minimum qualifications for the test furnace; (2) Revision of Figure 3.3 - "T" Shaped Pressure Sensing Probe.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Mitchell Gold, (847) 664 -2850, Mitchell.Gold@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 10B-201x, Standard for Safety for Fire Tests of Door Assemblies (revision of ANSI/UL 10B-2009)

(1) Revision to minimum qualifications for the test probe; (2) Addition of furnace pressure probes; (3) Revision to thermocouple attachment method.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Mitchell Gold, (847) 664 -2850, Mitchell.Gold@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 10C-201x, Standard for Safety for Positive Pressure Fire Tests of Door Assemblies (revision of ANSI/UL 10C-2009a)

(1) Revision to minimum qualifications for the test furnace; (2) Addition of furnace pressure probes; (3) Clarification of testing - Sections 10 and 11; and (6) Revision to thermocouple attachment method.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Mitchell Gold, (847) 664 -2850, Mitchell.Gold@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 48-201x, Electric Signs (revision of ANSI/UL 48-2012)

(1) Addition of requirements for laminated or organic-coated glass and revision to test method; (2) Addition of requirements for signs with photovoltaic systems or modules.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 123-201x, Standard for Safety for Oxy-Fuel Gas Torches (revision of ANSI/UL 123-2014)

New definitions are being added to the Glossary section.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1653-201X, Standard for Safety for Electrical Nonmetallic Tubing (Proposal dated 8-8-14) (revision of ANSI/UL 1653-2006 (R2010))

Document dated 8/8/14 proposes the addition of trade size 2-1/2 (63) for use in Canada only. The National Electrical Code specifies the maximum size for ENT as trade size 2 (52); however, the Canadian Electrical Code has no such limitation. Therefore, new clause 7.5.1.2 and revisions to clauses 9.1, 9.2, and Tables 1 - 3 are being proposed for this binational ENT standard.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (408) 754 -6618, Paul.E.Lloret@ul.com

Comment Deadline: September 22, 2014

ASA (ASC S2) (Acoustical Society of America)

Reaffirmation

BSR/ASA S2.4-1976 (R201x), Method for Specifying the Characteristics of Auxiliary Analog Equipment for Shock and Vibration Measurements (reaffirmation and redesignation of ANSI S2.4-1976 (R2004))

This standard provides uniform terminology and format for presentation of the performance of auxiliary analog equipment for shock and vibration measurements. It provides the manufacturer with a format to be used in presenting the performance of equipment and the user with a standard terminology for requesting information from the manufacturer so that the user will obtain a uniform, accurate, and more concise description of the characteristics of the auxiliary equipment.

Single copy price: $100.00

Obtain an electronic copy from: asastds@acousticalsociety.org

Order from: Susan Blaeser, (631) 390-0215, asastds@acousticalsociety.org

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

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

Revision

BSR/ASHRAE Standard 41.7-201x, Standard Methods for Gas Flow Measurement (revision of ANSI/ASHRAE Standard 41.7-1984 (R2006))

This revision of Standard 41.7-1984 expands the scope of this standard to cover the breadth of gas flow measurement devices used for testing heating, ventilating, air-conditioning, and refrigeration systems and components, and to include field gas flow measurements in addition to laboratory gas flow measurements.

Single copy price: $35.00

Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts

Order from: standards.section@ashrae.org

Send comments (with copy to psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

ASTM (ASTM International)

New Standard

BSR/ASTM WK19876-201x, Specification for Bicycle Grips (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

ASTM (ASTM International)

New Standard

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

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

New Standard

BSR/ASTM WK33154-201x, Specification for Outdoor Fitness Equipment Intended for Unsupervised Public Use (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

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Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

ASTM (ASTM International)

New Standard

BSR/ASTM WK33396-201x, Guide for Specifying, Measuring, and Managing Impact Attenuation of Synthetic Turf Playing Systems (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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ASTM (ASTM International)

New Standard

BSR/ASTM WK37102-201x, Specification for Testing Off-Road Motorcycle and ATV Helmets (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

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Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

ASTM (ASTM International)

New Standard

BSR/ASTM WK37464-201x, Test Methods for Evaluating Design and Performance Characteristics of Externally Loaded Strength Training Equipment, Strength Training Benches and External Weight Storage Equipment (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

ASTM (ASTM International)

New Standard

BSR/ASTM WK43602-201x, Specification for Externally Loaded Strength Training Equipment, Strength Training Benches and External Weight Storage Equipment (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

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Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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ASTM (ASTM International)

New Standard

BSR/ASTM WK44186-201x, Practice for Low Impact Paintball Field Operation (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

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

ASTM (ASTM International)

Reaffirmation

BSR/ASTM E1687-2010 (R201x), Test Method for Determining Carcinogenic Potential of Virgin Base Oils in Metalworking Fluids (reaffirmation of ANSI/ASTM E1687-2010)

http://www.astm.org/ANSI_SA

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

ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1492-2008 (R201x), Specification for Helmets Used in Skateboarding and Trick Roller Skating (reaffirmation of ANSI/ASTM F1492 -2008)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1752-1996 (R201x), Test Method for Archery Bow Component - Cord Material (reaffirmation of ANSI/ASTM F1752-1996 (R2010))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1753-1996 (R201x), Specification for Classification and Marking of Single-Lens Scopes for Use with Archery Bows (reaffirmation of ANSI/ASTM F1753-1996 (R2010))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1889-2005 (R201x), Guide for Straightness Measurement of Arrow Shafts (reaffirmation of ANSI/ASTM F1889-2005 (R2010))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1898-2008 (R201x), Specification for Helmets for Non-Motorized Wheeled Vehicle Used by Infants and Toddlers (reaffirmation of ANSI/ASTM F1898-2008)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F2031-2005 (R201x), Test Method for Measurement of Arrow Shaft Static Spine (Stiffness) (reaffirmation of ANSI/ASTM F2031-2005 (R2010))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F2120-2006 (R201x), Practice for Testing Treestand Load Capacity (reaffirmation of ANSI/ASTM F2120-2006 (R2010))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F2275-2010 (R201x), Practice for Treestand Manufacturer Quality Assurance Program (reaffirmation of ANSI/ASTM F2275-2010)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F2397-2009 (R201x), Specification for Protective Headgear Used in Martial Arts (reaffirmation of ANSI/ASTM F2397-2009)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM D1655-201x, Specification for Aviation Turbine Fuels (revision of ANSI/ASTM D1655-2014)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

Revision

BSR/ASTM F381-201x, Safety Specification for Components, Assembly, Use, and Labeling of Consumer Trampolines (revision of ANSI/ASTM F381 -2014)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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ASTM (ASTM International)

Revision

BSR/ASTM F1292-201x, Specification for Impact Attenuation of Surfacing Materials within the Use Zone of Playground Equipment (revision of ANSI/ASTM F1292-2013)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

Revision

BSR/ASTM F1776-201x, Specification for Eye Protective Devices for Paintball Sports (revision of ANSI/ASTM F1776-2012)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F1890-201x, Test Method for Measuring Softball Bat Performance Factor (revision of ANSI/ASTM F1890-2011)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F2075-201x, Specification for Engineered Wood Fiber for Use as a Playground Safety Surface Under and Around Playground Equipment (revision of ANSI/ASTM F2075-2010a)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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ASTM (ASTM International)

Revision

BSR/ASTM F2225-201x, Safety Specification for Consumer Trampoline Enclosures (revision of ANSI/ASTM F2225-2013)

http://www.astm.org/ANSI_SA

Single copy price: Free

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Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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ASTM (ASTM International)

Revision

BSR/ASTM F2272-201x, Specification for Paintball Markers (revision of ANSI/ASTM F2272-2013)

http://www.astm.org/ANSI_SA

Single copy price: Free

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Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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ASTM (ASTM International)

Revision

BSR/ASTM F2713-201x, Specification for Eye Protectors for Field Hockey (revision of ANSI/ASTM F2713-2013)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F2765-201x, Specification for Total Lead Content in Synthetic Turf Fibers (revision of ANSI/ASTM F2765-2009)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F3021-201x, Specification for Universal Design of Fitness Equipment for Inclusive Use by Persons with Functional Limitations and Impairments (revision of ANSI/ASTM F3021-2013)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM F3022-201x, Test Method for Evaluating the Universal Design of Fitness Equipment for Inclusive Use by Persons with Functional Limitations and Impairments (revision of ANSI/ASTM F3022-2013)

http://www.astm.org/ANSI_SA

Single copy price: Free

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Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

AWS (American Welding Society)

Revision

BSR/AWS D1.9/D1.9M-201x, Structural Welding Code - Titanium (revision of ANSI/AWS D1.9/D1.9M-2007)

This code covers the requirements for design and welding of any type of titanium structure. Titanium pressure vessels and fluid-carrying pipe lines are specifically excluded. Clauses 1 through 5 and Annex A constitute a body of rules for the regulation of welding in titanium construction. A commentary on the code is also included with the document.

Single copy price: $58.00

Obtain an electronic copy from: bmcgrath@aws.org

Order from: Brian McGrath, (800) 443-9353 x311, bmcgrath@aws.org

Send comments (with copy to psa@ansi.org) to: Andrew Davis, (305) 443 -9353, x466, adavis@aws.org

AWS (American Welding Society)

Revision

BSR/AWS D18.3/D18.3M-201X, Specification for Welding of Tanks, Vessels, and Other Equipment in Sanitary (Hygienic) Applications (revision of ANSI/AWS D18.3/D18.3M-2005)

This specification provides the requirements for welding of tanks, vessels, and other equipment used in food processing plants and other areas where sanitary (hygienic) applications are required. The document addresses qualification, fabrication, extent of visual examination, acceptance criteria, and other documentation requirements.

Single copy price: $28.00

Obtain an electronic copy from: clewis@aws.org

Order from: Chelsea Lewis, (305) 443-9353, clewis@aws.org

Send comments (with copy to psa@ansi.org) to: Andrew Davis, (305) 443 -9353, x466, adavis@aws.org

IIAR (International Institute of Ammonia Refrigeration)

Revision

BSR/IIAR 2-201X, Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems (revision, redesignation and consolidation of ANSI/IIAR 2-2008 and ANSI/IIAR 2-2012, Addendum B)

This standard is being revised to a standard for safe design of closed-circuit ammonia refrigeration systems.

Single copy price: $40.00, or free until review period is over

Obtain an electronic copy from: tony_lundell@iiar.org

Order from: Tony Lundell, (703) 312-4200, tony_lundell@iiar.org

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

NECA (National Electrical Contractors Association)

Revision

BSR/NECA 407-201X, Standard for Installing and Maintaining Panelboards (revision of ANSI/NECA 407-2009)

This standard describes installation and maintenance procedures for panelboards, and special procedures used after adverse operating conditions such as a short-circuit, ground-fault, or immersion in water. This standard applies to panelboards rated 600 Volts AC or less, with main disconnects or lugs rated 1600 Amperes or less, and with feeder or branch circuit overcurrent devices rated 1200 Amperes or less. This publication applies to single panelboards, multi-section panelboards, and load centers that are installed in the field and used for distributing power for commercial, institutional, and industrial loads in nonhazardous locations both indoors and outdoors.

Single copy price: $40.00

Obtain an electronic copy from: neis@necanet.org

Order from: Diana Brioso, (301) 215-4549, diana.brioso@necanet.org; neis@necanet.org

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

NECA (National Electrical Contractors Association)

Revision

BSR/NECA/FAO 301-201X, Standard for Installing and Testing Fiber Optics (revision of ANSI/NECA/FOA 301-2010)

This standard describes procedures for installing and testing cabling networks that use fiber optic cables and related components to carry signals for communications, security, control and similar purposes. It defines a minimum level of quality for fiber optic cable installations.

Single copy price: $40.00

Obtain an electronic copy from: neis@necanet.org

Order from: Diana Brioso, (301) 215-4549, diana.brioso@necanet.org; neis@necanet.org

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

NSF (NSF International)

Revision

BSR/NSF 330-201x (i6r2), Glossary of Drinking Water Treatment Unit Terminology (revision of ANSI/NSF 330-2013)

Definitions covered by this Standard consist of terminology related to drinking water treatment units including terms describing materials, design, construction, and performance testing. This Standard includes definitions of terms used in NSF Drinking Water Treatment Unit Standards.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/org/workgroup/dwtu_jc/download.php/24503

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

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

TPI (Truss Plate Institute)

New Standard

BSR/TPI 3-201x, Design of Bracing for Metal Plate Connected Wood Trusses (new standard)

This standard will provide information on the design of temporary and permanent bracing of metal-plate-connected wood trusses. Included will be basic bracing principles, installation loads, methodology for determining maximum spacing of temporary lateral braces along chords and webs under installation loads, methodology for determining what forces the lateral braces (temporary or permanent) must resist, and methodology for designing the temporary and permanent bracing and bracing connections.

Single copy price: Free (online download); $20.00 (paper copy plus shipping & handling)

Obtain an electronic copy from: www.tpinst.org/TPI3PC.html

Order from: Jay Jones, (703) 683-1010, jpjones@tpinst.org

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 751-201x, Standard for Safety for Vending Machines (revision of ANS/UL 751-2012)

(1) Proposed revision and addition of requirements to clarify the differences between requirements that apply to devices that control a motor and devices that provide motor protection; (2) Proposed revision and addition of requirements to clarify controls intended to be used as operating devices and controls intended to be used as protective devices; (3) Proposed revision and addition of requirements to clarify existing requirements applicable to switches and other controlling devices and to provide for an alternate overload endurance test; (4) Proposed addition of requirements to address vending machines intended to be installed within motor-fuel dispensing facilities; (5) Proposed addition of new temperature measurement requirements intended to obtain consistent temperature measurements during testing; (6) Proposed revision to gasket requirements to clarify that for gaskets that comply with the Standard for Gaskets and Seals, UL 157, to be acceptable, the physical properties for evaluation shall be equivalent to those in the Accelerated Aging Test; (7) Proposed revisions to marking requirements to clarify and consolidate permanency of marking requirements; (8) Proposed addition and revision of capacitor requirements to allow for compliance with alternative capacitor requirements in the Standard for Fixed Capacitors for Use in Electronic Equipment, UL 60384-14; (9) Proposed revisions to stand-alone solar photovoltaic vending machines requirements for machines not intended to be connected to an electrical production and distribution network; and (10) Proposed editorial revisions that include updating references and renumbering requirements.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2560-201x, Standard for Safety for Emergency Call Systems for Assisted Living and Independent Living Facilities (revision of ANSI/UL 2560-2011)

Proposals including: (1) Proposed new test methods for spread spectrum technologies; (2) Identification of UL 2560 requirements considered to be met by a product that already complies with UL 60950-1; (3) Proposal to provide an additional option (the use of a symbol) for marking a device, such as a switch, intended for emergency service; (4) Products intended for outdoor use; (5) Proposed changes to the battery life test; and (6) Requirements for openings in non-resident-accessible equipment.

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: Barbara Davis, (408) 754-6722, Barbara.J.Davis@ul.com

Comment Deadline: October 7, 2014

IKECA (International Kitchen Exhaust Cleaning Association)

New Standard

BSR/IKECA-I10-201x, Standard for the Methodology for Inspection of Commercial Kitchen Exhaust Systems (new standard)

This standard is to define the acceptable methodology for inspecting commercial kitchen exhaust systems and system components for mechanical conditions, structural integrity, fire safety, and cleanliness levels.

Single copy price: Free

Obtain an electronic copy from: gmarinilli@fernley.com

Order from: Gina Marinilli, (215) 564-3484 x2238, gmarinilli@fernley.com

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

Projects Withdrawn from Consideration

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

ASTM (ASTM International)

BSR/ASTM WK30657-201x, New Guide for Standard Guide for Using Statistical Process Control Principles for Routine Dosimetry in Radiation Processing (new standard)

TIA (Telecommunications Industry Association)

BSR/TIA 455-7-A-201x, FOTP-7 Numerical Aperture of Step-Index Multimode Opticle Fibers (new standard)

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.

NSF (NSF International)

ANSI/NSF 341-2012 (i1), Health/Fitness Facilities

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.

AMCA (Air Movement and Control Association)

Office: 30 West University Drive
Arlington Heights, IL 60004-1893

Contact: *Amanda Muledy*

Phone: (847) 704-6295

Fax: (847) 253-0088

E-mail: amuledy@amca.org

BSR/AMCA 240-201x, Laboratory Methods of Testing Positive Pressure Ventilators for Aerodynamic Performance Rating (revision of ANSI/AMCA 240-2006)

ASA (ASC S2) (Acoustical Society of America)

Office: 1305 Walt Whitman Rd
Suite 300
Melville, NY 11747

Contact: *Susan Blaeser*

Phone: (631) 390-0215

Fax: (631) 923-2875

E-mail: asastds@acousticalsociety.org

BSR/ASA S2.4-1976 (R201x), Method for Specifying the Characteristics of Auxiliary Analog Equipment for Shock and Vibration Measurements (reaffirmation and redesignation of ANSI S2.4-1976 (R2004))

Obtain an electronic copy from: asastds@acousticalsociety.org

ASSE (ASC Z359) (American Society of Safety Engineers)

Office: 1800 East Oakton Street
Des Plaines, IL 60018-2187

Contact: *Timothy Fisher*

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR ASSE Z359.16-201X, Safety Requirements for Climbing Ladder Fall Arrest Systems (new standard)

B11 (B11 Standards, Inc.)

Office: PO Box 690905
Houston, TX 77269-0905

Contact: *David Felinski*

Phone: (832) 446-6999

E-mail: dfelinski@b11standards.org

BSR B11.0-201x, Safety of Machinery - General Principles and Risk Assessment (revision of ANSI B11.0-2010)

BSR B11.19-201x, Performance Requirements for Safeguarding (revision of ANSI B11.19-2010)

Home Innovation (Home Innovation Research Labs)

Office: 400 Prince George's Boulevard
Upper Marlboro, MD 20774

Contact: *Thomas Kenney*

Phone: (301) 430-6246

Fax: (301) 430-6180

E-mail: tkenney@HomeInnovation.com

BSR PQ100-201x, Professional Qualifications Standard for Plumbing Fixture Replacement Technicians (new standard)

Obtain an electronic copy from: http://www.homeinnovation.com/pq100

IKECA (International Kitchen Exhaust Cleaning Association)

Office: 100 North 20th Street
Suite 400
Philadelphia, PA 19103-1443

Contact: *Gina Marinilli*

Phone: (215) 564-3484 x2238

Fax: (215) 963-9785

E-mail: gmarinilli@fernley.com

BSR/IKECA-I10-201x, Standard for the Methodology for Inspection of Commercial Kitchen Exhaust Systems (new standard)

Obtain an electronic copy from: gmarinilli@fernley.com

NECA (National Electrical Contractors Association)

Office: 3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814

Contact: *Diana Brioso*

Phone: (301) 215-4549

Fax: (301) 215-4500

E-mail: diana.brioso@necanet.org; neis@necanet.org

BSR/NECA 407-201X, Standard for Installing and Maintaining Panelboards (revision of ANSI/NECA 407-2009)

Obtain an electronic copy from: neis@necanet.org

BSR/NECA/FAO 301-201X, Standard for Installing and Testing Fiber Optics (revision of ANSI/NECA/FOA 301-2010)

Obtain an electronic copy from: neis@necanet.org

NEMA (ASC C78) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 1752
Rosslyn, VA 22209

Contact: *Karen Willis*

Phone: (703) 841-3277

Fax: (703) 841-3377

E-mail: Karen.Willis@nema.org

BSR C78.376-201x, Electric Lamps: Specifications for the Chromaticity of Fluorescent Lamps (revision of ANSI C78.376-2001 (R2011))

NSF (NSF International)

Office: 789 N. Dixboro Road
Ann Arbor, MI 48105-9723

Contact: *Mindy Costello*

Phone: (734) 827-6819

Fax: (734) 827-7875

E-mail: mcostello@nsf.org

BSR/NSF 14-201x (i40r4), Plastic Piping System Components and Related Materials (revision of ANSI/NSF 14-2013)

NW&RA (ASC Z245) (National Waste & Recycling Association)

Office: 4301 Connecticut Ave, Suite 300
Washington DC, DC 20008

Contact: *Bret Biggers*

Phone: (202) 364-3710

E-mail: bbiggers@wasterecycling.org

BSR Z245.1m-201x, Mobile Wastes and Recyclable Materials Collection, Transportation, and Compaction Equipment - Safety Requirements (revision and redesignation of ANSI Z245.1-2012)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Charles Bohanan*

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 1015 sp-2010 (R201x), Fiber glass mat uniformity (visual defects) (reaffirmation of ANSI/TAPPI T 1015 sp-2010)

UL (Underwriters Laboratories, Inc.)

Office: 455 E. Trimble Rd.
San Jose, CA 95131-1230

Contact: *Marcia Kawate*

Phone: (408) 754-6743

Fax: (408) 754-6743

E-mail: Marcia.M.Kawate@ul.com

BSR/UL 123-201x, Standard for Safety for Oxy-Fuel Gas Torches (revision of ANSI/UL 123-2014)

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

BSR/UL 1653-201X, Standard for Safety for Electrical Nonmetallic Tubing (revision of ANSI/UL 1653-2006 (R2010))

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

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.

ABMA (ASC B3) (American Bearing Manufacturers Association)

New National Adoption

ANSI/ABMA/ISO 3290-1:2014, Rolling bearings - Balls - Part 1: Steel balls (identical national adoption of ISO 3290-1:2008): 8/1/2014

AGMA (American Gear Manufacturers Association)

Reaffirmation

ANSI/AGMA 9009-D02 (R2014), Flexible Couplings - Nomenclature for Flexible Couplings (reaffirmation of ANSI/AGMA 9009-D02 (R2008)): 7/28/2014

ANS (American Nuclear Society)

Reaffirmation

ANSI/ANS 8.17-2004 (R2014), Criticality Safety Criteria for the Handling, Storage and Transportation of LWR Fuel Outside Reactors (reaffirmation of ANSI/ANS 8.17-2004 (R2009)): 7/28/2014

Revision

ANSI/ANS 8.19-2014, Administrative Practices for Nuclear Criticality Safety (revision of ANSI/ANS 8.19-2005): 7/28/2014

ASABE (American Society of Agricultural and Biological Engineers)

New National Adoption

ANSI/ASABE AD6489-3:2014, Agricultural vehicles - Mechanical connections between towed and towing vehicles - Part 3: Tractor drawbar (national adoption of ISO 6489-3:2004 with modifications and revision of ANSI/ASABE AD6489-3/ISO 6489-3-2009): 8/1/2014

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

Addenda

ANSI/ASHRAE Addendum 55a-2014, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2013): 7/31/2014

ANSI/ASHRAE Addendum 62.2a-2014, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013): 7/31/2014

ANSI/ASHRAE Addendum 62.2b-2014, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013): 7/31/2014

ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 52.2-2014, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012): 7/31/2014

ANSI/ASHRAE/USGBC/IES Addendum 189.1al-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011): 7/31/2014

ANSI/ASHRAE/USGBC/IES Addendum 189.1as-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011): 7/31/2014

ANSI/ASHRAE/USGBC/IES Addendum 189.1v-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011): 7/31/2014

ASME (American Society of Mechanical Engineers)

Revision

ANSI/ASME B18.31.2-2014, Continuous Thread, Flange (Stud Bolt), and Double-End Studs (Inch Series) (revision of ANSI/ASME B18.31.2-2008): 8/1/2014

ANSI/ASME MFC-1-2014, Glossary of Terms Used in the Measurement of Fluid Flow in Pipes (revision and redesignation of ANSI/ASME MFC-1M-2003 (R2008)): 8/1/2014

CEA (Consumer Electronics Association)

New Standard

* ANSI/CEA 2045.3-2014, Modular Communications Interface for Thermostat Message Set (new standard): 8/1/2014

* ANSI/CEA 2047-2014, CE Energy Usage Information (CE-EUI) (new standard): 8/1/2014

ECA (Electronic Components Association)

New National Adoption

ANSI/EIA 60938-1-2014, Fixed Inductors for Electromagnetic Interference Suppression - Part 1: Generic Specification (identical national adoption of IEC 60938-1): 7/28/2014

ANSI/EIA 60938-2-2014, Fixed Inductors for Electromagnetic Interference Suppression - Part 2: Sectional Specification (identical national adoption of IEC 60938-2): 7/28/2014

ANSI/EIA 60938-2-1-2014, Fixed Inductors for Electromagnetic Interference Suppression - Part 2-1: Blank Detail Specification - Inductors for Which Safety Tests Are Required - Assessment Level D (identical national adoption of IEC 60938-2-1): 7/28/2014

ANSI/EIA 60938-2-2-2014, Fixed Inductors for Electromagnetic Interference Suppression - Part 2-2: Blank Detail Specification - Inductors for Which Safety Tests Are Required (Only) (identical national adoption of IEC 60938-2-2): 7/28/2014

EOS/ESD (ESD Association, Inc.)

Revision

ANSI/ESD S20.20-2014, ESD Association Standard for the Development of an Electrostatic Discharge Control Program for Protection of Electrical and Electronic Parts, Assemblies and Equipment (Excluding Electrically Initiated Explosive Devices) (revision of ANSI/ESD S20.20-2007): 7/31/2014

HL7 (Health Level Seven)

New Standard

ANSI/HL7 PRIVECLASSSYS, R1-2014, HL7 Healthcare Privacy and Security Classification System, Release 1 (new standard): 7/31/2014

MSS (Manufacturers Standardization Society)

New Standard

ANSI/MSS SP-138-2014, Quality Standard Practice for Oxygen Cleaning of Valves and Fittings (new standard): 7/29/2014

NEMA (National Electrical Manufacturers Association)

Revision

ANSI/NEMA SB 40-2014, Communications Systems for Life Safety in Schools (revision of ANSI/NEMA SB 40-2010): 7/28/2014

UL (Underwriters Laboratories, Inc.)

New National Adoption

ANSI/UL 60730-2-15-2014, Standard for Automatic electrical controls for household and similar use - Part 2-15: Particular requirements for automatic electrical air flow, water flow and water level sensing controls (identical national adoption of IEC 60730-2-15): 7/29/2014

New Standard

ANSI/UL 25A-2014, Standard for Safety for Meters for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (new standard): 7/30/2014

ANSI/UL 25B-2014, Standard for Safety for Meters for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel (new standard): 7/30/2014

Revision

ANSI/UL 5B-2014, Standard for Safety for Strut-Type Channel Raceways and Fittings (revision of ANSI/UL 5B-2009): 8/1/2014

ANSI/UL 790-2014, Standard Test Methods for Fire Tests of Roof Coverings (revision of ANSI/UL 790-2013): 7/29/2014

ANSI/UL 790-2014a, Standard for Standard Test Methods for Fire Tests of Roof Coverings (revision of ANSI/UL 790-2013): 7/29/2014

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.

AMCA (Air Movement and Control Association)

Office: 30 West University Drive
Arlington Heights, IL 60004-1893

Contact: *Amanda Muledy*

Fax: (847) 253-0088

E-mail: amuledy@amca.org

* BSR/AMCA 240-201x, Laboratory Methods of Testing Positive Pressure Ventilators for Aerodynamic Performance Rating (revision of ANSI/AMCA 240-2006)

Stakeholders: Manufacturers, building engineers, fan testing labs, product consumers, regulatory bodies.

Project Need: To address public comments and update standard.

Establishes a uniform method of laboratory testing of positive pressure ventilators (PPVs) in order to determine the aerodynamic performance in terms of airflow rate, pressure, air density, and speed of rotation for rating or guarantee purposes.

ASC X9 (Accredited Standards Committee X9, Incorporated)

Office: 1212 West Street
Suite 200
Annapolis, MD 21401

Contact: *Janet Busch*

Fax: (410) 267-0961

E-mail: janet.busch@x9.org

BSR X9.100-20 Parts 1, 2 & 3-201x, Print & Test Specifications for Magnetic Ink Printing (revision of ANSI X9.100-20 Parts 1, 2 & 3 -2011)

Stakeholders: Check manufacturers, ink manufacturers, financial institutions, processors, MICR-related hardware and software vendors.

Project Need: This is a core printing standard describing how to properly print the E-13B font characters in magnetic ink. Part 3 gives normative instruction on the requirements of a MICR reading device and the methods for producing and calibrating secondary reference documents used to measure MICR waveform and signal level.

Part 1 of this standard specifies the shape, dimensions, magnetic signal level, and tolerances for the E-13B characters that include ten numerals and four special symbols printed in magnetic ink and used for the purpose of character recognition. It describes the various known types of printing defects and other printing considerations, together with the tolerances permitted. Part 2 provides informative conformance testing requirements for the Part 1 specifications. Part 3 specifies the requirements for secondary reference documents and the test equipment for calibrating and maintaining their signal level.

ASSE (ASC Z359) (American Society of Safety Engineers)

Office: 1800 East Oakton Street
Des Plaines, IL 60018-2187

Contact: *Timothy Fisher*

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR ASSE Z359.16-201X, Safety Requirements for Climbing Ladder Fall Arrest Systems (new standard)

Stakeholders: Safety, health, and environmental professionals addressing fall protection and restraint workplace hazards and exposures.

Project Need: Based upon the consensus of the ANSI/ASSE Z359 ASC for Fall Protection and Fall Arrest.

Please note this is a change of title and scope for the proposed standard: This standard establishes requirements for the performance, design, marking, qualification testing, instructions for use, inspection, maintenance and storage, and removal from service of vertically oriented climbing ladder fall arrest systems consisting of flexible and rigid carriers with multiple attachment points and associated carrier sleeves for users within the capacity range of 130 to 310 pounds (59 to 141 kg). See Figure 1 for examples of climbing ladder fall arrest systems equipment.

B11 (B11 Standards, Inc.)

Office: PO Box 690905
Houston, TX 77269-0905

Contact: *David Felinski*

E-mail: dfelinski@b11standards.org

BSR B11.0-201x, Safety of Machinery - General Principles and Risk Assessment (revision of ANSI B11.0-2010)

Stakeholders: Machinery suppliers and machinery users.

Project Need: Revision needed to update with current thinking and methods.

This standard applies to new, modified or rebuilt power-driven machines, not portable by hand, used to shape and/or form metal or other materials by cutting, impact, pressure, electrical or other processing techniques, or a combination of these processes. This can be a single machine or a machinery system(s).

BSR B11.19-201x, Performance Requirements for Safeguarding (revision of ANSI B11.19-2010)

Stakeholders: Machinery suppliers and machinery users.

Project Need: Revision needed to update with current thinking and methods.

This standard provides performance requirements for the design, construction, installation, operation and maintenance of the safeguarding listed here when applied to machines: (a) Guards; (b) Safeguarding devices; (c) Awareness devices; and (d) Safeguarding methods. This standard also provides performance requirements for complementary equipment and measures, safe work procedures, and safety functions.

BSR B11.20-201x, Safety Requirements for Integrated Manufacturing Systems (revision of ANSI B11.20-2004 (R2009))

Stakeholders: Machinery suppliers and machinery users.

Project Need: Revision needed to update with current thinking and methods.

This American National Standard specifies the safety requirements for the design, construction, set-up, operation and maintenance (including installation, dismantling and transport) of integrated manufacturing systems. An integrated manufacturing system: (a) incorporates two or more industrial machines, at least one of which is a machine tool; (b) is linked by a material handling system; (c) is interconnected with and coordinated by a control system; and (d) is capable of being reprogrammed, reconfigured, or resequenced for the manufacturing of a variety of discrete parts or assemblies.

Home Innovation (Home Innovation Research Labs)

Office: 400 Prince George's Boulevard
Upper Marlboro, MD 20774

Contact: *Thomas Kenney*

Fax: (301) 430-6180

E-mail: tkenney@HomeInnovation.com

BSR PQ100-201x, Professional Qualifications Standard for Plumbing Fixture Replacement Technicians (new standard)

Stakeholders: Building owners; facility managers; remodeling contractors; plumbing contractors; plumbing fixture manufacturers; labor.

Project Need: The standard is needed to align workforce qualifications with market need. The standard will allow human resources to be allocated to tasks commensurate with the applicable technical skill set and training of individuals. This will minimize unnecessary skill gaps and result in a more efficient economy.

This standard defines professional qualifications that apply to an individual who removes, refinishes in place, installs, or reinstalls plumbing fixtures, plumbing appurtenances, and fixture fittings connected to existing plumbing piping systems

NEMA (ASC C78) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 1752
Rosslyn, VA 22209

Contact: *Karen Willis*

Fax: (703) 841-3377

E-mail: Karen.Willis@nema.org

* BSR C78.376-201x, Electric Lamps - Specifications for the Chromaticity of Fluorescent Lamps (revision of ANSI C78.376-2001 (R2011))

Stakeholders: Manufacturers, designers, testing labs, and end users.

Project Need: This project is needed to update the standard and partially harmonize it with the IEC chromaticity color point objectives and chromaticity tolerance in IEC 60081, Annex D.

This standard covers the objectives and tolerances for the chromaticity of T8, T10, and T12 fluorescent lamps with a nominal loading of from 5 to 10 watts per foot at their normal 100-hour rating point.

NW&RA (ASC Z245) (National Waste & Recycling Association)

Office: 4301 Connecticut Ave, Suite 300
Washington DC, DC 20008

Contact: *Bret Biggers*

E-mail: bbiggers@wasterecycling.org

BSR Z245.1m-201x, Mobile Wastes and Recyclable Materials Collection, Transportation, and Compaction Equipment - Safety Requirements (revision and redesignation of ANSI Z245.1-2012)

Stakeholders: Solid waste and recycling, collection, transportation and management organizations. Insurance companies, manufacturers, truck repair operations, drivers, recyclers, recycling facility operators, landfill operators and associated industries.

Project Need: Changes to practices, incorporate new practices, safety signs revised, updated equipment requirements.

Establish safety requirements for mobile equipment used in the solid waste and recycling industry.

SCTE (Society of Cable Telecommunications Engineers)

Office: 140 Philips Road
Exton, PA 19341

Contact: *Travis Murdock*

Fax: ((61)) 363-5898

E-mail: tmurdock@scte.org

BSR/SCTE 30-201x, Digital Program Insertion Splicing API (revision of ANSI/SCTE 30-2009)

Stakeholders: Cable Telecommunications industry.

Project Need: Update to current technology.

This Application Program Interface (API) creates a standardized method of communication between servers and splicers for the insertion of content into any MPEG-2 Output Multiplex in the splicer.

BSR/SCTE 35-201x, Digital Program Insertion Cueing Message for Cable (revision of ANSI/SCTE 35-2013a)

Stakeholders: Cable Telecommunications industry.

Project Need: Update to current technology.

This standard supports frame accurate signaling of events in MPEG-2 transport streams along with associated descriptive data. This standard supports the splicing of MPEG-2 transport streams for the purpose of Digital Program Insertion, which includes advertisement insertion and insertion of other content types.

BSR/SCTE 130-4-201x, Digital Program Insertion-Advertising Systems Interfaces - Part 4: Content Information Service (CIS) (revision of ANSI/SCTE 130-4-2011)

Stakeholders: Cable Telecommunications industry.

Project Need: Update to current technology.

This document describes the Digital Program Insertion Advertising Systems Interfaces' Content Information Service (CIS) messaging and data type specification using XML, XML Namespaces, and XML Schema

BSR/SCTE 130-7-201x, Digital Program Insertion-Advertising Systems Interfaces - Part 7: Message Transport (revision of ANSI/SCTE 130 -7-2009)

Stakeholders: Cable Telecommunications industry.

Project Need: Update to current technology.

This document describes the Digital Program Insertion Advertising Systems Interfaces' transport protocols required for the exchange of messages defined in the individual parts of the SCTE 130 specification.

BSR/SCTE 194-2-201x, DTS-HD Audio System - Part 2: Constraints for Carriage over MPEG-2 Transport (revision of ANSI/SCTE 194-2 -2010)

Stakeholders: Cable Telecommunications industry.

Project Need: Update to current technology.

This document describes the carriage of DTS-HD audio in MPEG-2 systems. The descriptor necessary to signal DTS-HD audio is defined in this document. Multiplexing and transport for cable using MPEG-2 systems are defined in SCTE 54. Coding constraints for DTS-HD audio elementary streams are defined in SCTE 194-1.

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Charles Bohanan*

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 1015 sp-2010 (R201x), Fiber glass mat uniformity (visual defects) (reaffirmation of ANSI/TAPPI T 1015 sp-2010)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI standard in order to determine if a revision is needed to address new technology or correct errors.

This method is a description of fiber glass mat attributes that define visual uniformity in the finished mat product.

American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provides 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)
- AGSC (Auto Glass Safety Council)
- 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)
- GBI (The Green Building Initiative)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- IESNA (The Illuminating Engineering Society of North America)
- 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)
- PRCA (Professional Ropes Course Association)
- RESNET (Residential Energy Services Network)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit *ANSI Online* at www.ansi.org/asd, select “Standards Activities,” click on “Public Review and Comment” and “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.

ABMA (ASC B3)
American Bearing Manufacturers Association
2025 M Street, NW
Suite 800
Washington, DC 20036-3309
Phone: (919) 481-2852
Fax: (919) 827-4587
Web: www.americanbearings.org

AGMA
American Gear Manufacturers Association
1001 N Fairfax Street, 5th Floor
Alexandria, VA 22314-1587
Phone: (703) 684-0211
Web: www.agma.org

AMCA
AMCA International, Inc.
30 West University Drive
Arlington Heights, IL 60004-1893
Phone: (847) 704-6295
Fax: (847) 253-0088
Web: www.amca.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526
Phone: (708) 579-8248
Fax: (708) 579-8248
Web: www.ans.org

ASA (ASC S12)
Acoustical Society of America
1305 Walt Whitman Rd
Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 923-2875
Web: www.acousticalsociety.org

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
Saint Joseph, MI 49085
Phone: (269) 932-7015
Fax: (269) 429-3852
Web: www.asabe.org

ASC X9
Accredited Standards Committee X9, Incorporated
1212 West Street
Suite 200
Annapolis, MD 21401
Phone: (410) 267-7707
Fax: (410) 267-0961
Web: www.x9.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329
Phone: (404) 636-8400
Fax: (404) 321-5478
Web: www.ashrae.org

ASME
American Society of Mechanical Engineers
Two Park Avenue
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

ASPE
American Society of Plumbing Engineers
6400 Shafer Court
Suite 350
Rosemont, IL 60018
Phone: (847) 296-0002
Fax: (847) 296-2963
Web: www.aspe.org

ASSE (Safety)
American Society of Safety Engineers
1800 East Oakton Street
Des Plaines, IL 60018-2187
Phone: (847) 768-3411
Fax: (847) 296-9221
Web: www.asse.org

ASTM
ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9744
Fax: (610) 834-3683
Web: www.astm.org

AWS
American Welding Society
8669 NW 36 Street
#130
Miami, FL 33166-6672
Phone: (800) 443-9353
Fax: (305) 443-5951
Web: www.aws.org

B11
B11 Standards, Inc.
PO Box 690905
Houston, TX 77269-0905
Phone: (832) 446-6999

CEA
Consumer Electronics Association
1919 South Eads Street
Arlington, VA 22202
Phone: (703) 907-7697
Fax: (703) 907-4197
Web: www.ce.org

ECA
Electronic Components Association
2214 Rock Hill Road
Suite 170
Herndon, VA 20170-4212
Phone: (571) 323-0294
Fax: (571) 323-0245
Web: www.eciaonline.org

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

HL7
Health Level Seven
3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104
Phone: (734) 677-7777
Fax: (734) 677-6622
Web: www.hl7.org

Home Innovation
Home Innovation Research Labs
400 Prince George's Boulevard
Upper Marlboro, MD 20774
Phone: (301) 430-6246
Fax: (301) 430-6180
Web: www.HomeInnovation.com

IIAR
International Institute of Ammonia Refrigeration
1001 North Fairfax Street
Alexandria, VA 22314
Phone: (703) 312-4200
Fax: (703) 312-0065
Web: www.iiar.org

IKECA
International Kitchen Exhaust Cleaning Association
100 North 20th Street
Suite 400
Philadelphia, PA 19103-1443
Phone: (215) 564-3484 x2238
Fax: (215) 963-9785
Web: www.ikeca.org

MSS
Manufacturers Standardization Society
127 Park Street, NE
Vienna, VA 22180-4602
Phone: (703) 281-6613
Fax: (703) 281-6671
Web: www.mss-hq.org

NECA
National Electrical Contractors Association
3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
Phone: (301) 215-4549
Fax: (301) 215-4500
Web: www.necanet.org

NEMA (ASC C78)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3377
Web: www.nema.org

NEMA (Canvass)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3236
Fax: (703) 841-3336
Web: www.nema.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 827-6819
Fax: (734) 827-7875
Web: www.nsf.org

NW&RA (ASC Z245)
National Waste & Recycling Association
4301 Connecticut Ave, Suite 300
Washington DC, DC 20008
Phone: (202) 364-3710
Web: www.wasterecycling.org

SCTE
Society of Cable Telecommunications Engineers
140 Philips Road
Exton, PA 19341
Phone: ((61)) 594-7308
Fax: ((61)) 363-5898
Web: www.scte.org

TAPPI
Technical Association of the Pulp and Paper Industry

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

TPI
Truss Plate Institute

218 North Lee Street
Suite 312
Alexandria, VA 22314
Phone: (703) 683-1010
Fax: (866) 445-3497
Web: www.tpinst.org

UL
Underwriters Laboratories, Inc.

1285 Walt Whitman Road
Melville, NY 11747-3081
Phone: (631) 546-3305
Fax: (631) 439-6757
Web: www.ul.com

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

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 6966-2:2014, Aircraft ground equipment - Basic requirements - Part 2: Safety requirements, $156.00

CORK (TC 87)

ISO 9986:2014, Composition cork for shoe outsoles, $66.00

ESSENTIAL OILS (TC 54)

ISO 3218:2014, Essential oils - Principles of nomenclature, $58.00

FINE CERAMICS (TC 206)

ISO 17942:2014, Fine ceramics (advanced ceramics, advanced technical ceramics) - Methods for chemical analysis of boron nitride powders, $211.00

IMPLANTS FOR SURGERY (TC 150)

ISO 5841-2:2014, Implants for surgery - Cardiac pacemakers - Part 2: Reporting of clinical performance of populations of pulse generators or leads, $149.00

MECHANICAL TESTING OF METALS (TC 164)

ISO 16808:2014, Metallic materials - Sheet and strip - Determination of biaxial stress-strain curve by means of bulge test with optical measuring systems, $149.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 11979-10/Amd1:2014, Ophthalmic implants - Intraocular lenses - Part 10: Phakic intraocular lenses - Amendment 1, $22.00

ISO 12858-1:2014, Optics and optical instruments - Ancillary devices for geodetic instruments - Part 1: Invar levelling staffs, $58.00

PAPER, BOARD AND PULPS (TC 6)

ISO 2469:2014, Paper, board and pulps - Measurement of diffuse radiance factor (diffuse reflectance factor), $132.00

PLASTICS (TC 61)

ISO 3167:2014, Plastics - Multipurpose test specimens, $77.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 249:2014, Rubber, raw natural - Determination of dirt content, $88.00

THERMAL INSULATION (TC 163)

ISO 9869-1:2014, Thermal insulation - Building elements - In-situ measurement of thermal resistance and thermal transmittance - Part 1: Heat flow meter method, $180.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14496-4/Amd41:2014, Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 4: Conformance testing of MVC plus depth extension of AVC, $22.00

ISO/IEC 27018:2014, Information technology - Security techniques - Code of practice for protection of personally identifiable information (PII) in public clouds acting as PII processors, $139.00

IEC Standards

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC 61199 Amd.2 Ed. 3.0 b:2014, Amendment 2 - Single-capped fluorescent lamps - Safety specifications, $17.00

IEC 61199 Ed. 3.2 b:2014, Single-capped fluorescent lamps - Safety specifications, $363.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

The InterNational Committee for Information Technology Standards (INCITS), an ANSI accredited SDO, is the forum of choice 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 has eleven membership categories that can be viewed at http://www.incits.org/participation/membership-info. Membership in all categories is always welcome. INCITS also seeks to broaden its membership base and looks to recruit new participants in the following under-represented membership categories:

- **Producer – Hardware**

  This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

  This category primarily produces software products for the ITC marketplace.

- **Distributor**

  This category is for distributors, resellers or retailers of conformant products in the ITC industry.

- **User**

  This category includes entities that primarily reply on standards in the use of a products/service, as opposed to producing or distributing conformant products/services.

- **Consultants**

  This category is for organizations whose principal activity is in providing consulting services to other organizations.

- **Standards Development Organizations and Consortia**

  o "Minor" an SDO or Consortia that (a) holds no TAG assignments; or (b) holds no SC TAG assignments, but does hold one or more Work Group (WG) or other subsidiary TAG assignments.

- **Academic Institution**

  This category is for organizations that include educational institutions, higher education schools or research programs.

- **Other**

  This category includes all organizations who do not meet the criteria defined in one of the other interest categories.

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

Calls for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

Withdrawal of Approval as an American National Standard

NSF 341 – Health/Fitness Facilities

NSF International has decided to withdraw NSF 341, Health/Fitness Facilities, as an American National Standard, effective July 29, 2014. Questions may be directed to: Jessica Evans, Jevans@nsf.org or 734-913-5774.

Pilot Program

Determine Eligibility of Program Operators for Type III Environmental Labels and Declarations

Initial Application

The Epsten Group, Inc.

Comment Deadline: September 8, 2014

Program operators for Type III environmental labels and declarations seeking to achieve eligibility for participation in the pilot program will comply with the requirements and processes contained in ISO 14020, Environmental labels and declarations – General Principles, and ISO 14025, Environmental labels and declarations – Type III environmental declarations Principles and procedures, as well as ANSI procedures PRO-PR-165-ISO 14025, Requirements/Process to determine Eligibility of a Type III Environmental Declaration Program, and PRO-FR-104-ECO-ISO14025, Application for Eligibility of Type III Environmental Declaration Programs. After completing the process of eligibility determination, each program operator will demonstrate conformance with established international environmental declaration standards and the applicable procedures of ISO conformity assessment standards.

Lauren Wallace
The Epsten Group, Inc.
399 Edgewood Avenue
Atlanta, GA 30312
Web: www.epstengroup.com
E-mail: lwallace@epstengroup.com

The Epsten Group, Inc. has submitted a formal application for eligibility as a Program Operator for type III Environmental Declarations by ANSI for the following program:

- Epsten Group (EG) Environmental Product Declaration (EPD) Certification Program

Please send your comments by September 8, 2014 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

ANSI Accredited Standards Developers

Application for Accreditation

Associated Builders & Contractors, Inc. (ABC)

Comment Deadline: September 8, 2014

Associated Builders & Contractors, Inc. (ABC), a new ANSI Organizational Member, has submitted an application for accreditation as an ANSI Accredited Standards Developer (ASD) and proposed operating procedures for documenting consensus on ABC-sponsored American National Standards. ABC's proposed scope of standards activity is as follows:

Standards to assist building contractors across America – including best practices in managing the sustainability impacts of construction contractors

To obtain a copy of ABC's proposed operating procedures or to offer comments, please contact: Ms. Jennifer Huber, Director of Member Services/Sr. Director of Chapter Services, Associated Builders & Contractors, Inc., 440 First Street NW, Suite 200, Washington, DC 20001; phone: 202.595.1356; e-mail: Huber@abc.org. Please submit any comments to ABC by September 8, 2014, with a copy to the Recording Secretary, ExSC, in ANSI's New York Office (E-mail: Jthompso@ANSI.org). As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of the ABC's proposed operating procedures from ANSI Online during the public review period at the following URL: www.ansi.org/accredPR.

ANSI Accreditation Program for Third Party Product Certification Agencies

Voluntary Withdrawal from ANSI Accreditation

TUV Rheinland of North America, Inc. (TUVRNA)

Comment Deadline: September 8, 2014

TUV Rheinland of North America, Inc. (TUVRNA)
1279 Quarry Lane, Ste. A
Pleasanton, CA 94566

TUV Rheinland of North America, Inc. (TUVRNA), an ANSI-Accredited Certification Body, has formally submitted notification of its voluntary withdrawal from ANSI accreditation for the following scopes, effective on August 1, 2014:

SCOPE(S)

Federal Communications Commission Requirements Related to TCB Programs

FCC (A1) Unlicensed Radio Frequency Devices
FCC (A2) Unlicensed Radio Frequency Devices
FCC (A3) Unlicensed Radio Frequency Devices
FCC (A4) Unlicensed Radio Frequency Devices
FCC (B1) Licensed Radio Frequency Devices
FCC (B2) Licensed Radio Frequency Devices
FCC (B3) Licensed Radio Frequency Devices
FCC (B4) Licensed Radio Frequency Devices

REC-CB Procedure for the Recognition of Foreign Certification Bodies by Industry Canada

Radio Scope 1 – Licence-exempt Radio Frequency Devices
Radio Scope 2 – Licensed Personal Mobile Radio Services
Radio Scope 3 – Licensed General Mobile and Fixed Radio Services
Radio Scope 4 – Licensed Maritime and Aviation Radio Services
Radio Scope 5 – Licensed Fixed Microwave Radio Services

Please send your comments by September 8, 2014 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

ANSI Accreditation Program for Greenhouse Gas Validation/Verification Bodies

Scope Extension

Det Norske Veritas (U.S.A.), Inc. DBA DNV GL

Comment Deadline: September 8, 2014

Det Norske Veritas (U.S.A.), Inc. DBA DNV GL
Shruthi Poonacha
1400 Ravello Dr.
Katy, TX 77449
Phone: 510-891 0461, ext. 44212
E-mail: Shruthi.Poonacha@dnvgl.com

On August 1, 2014, the ANSI Greenhouse Gas Validation / Verification Accreditation Committee (GVAC) voted to approve a request for scope extension for DNV GL for the following:

Standards:

ISO 14065, Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

Scopes:

Verification of assertions related to GHG emission reductions and removals at the organizational level

Group 1 – General

Group 2 – Manufacturing

Group 3 – Power Generation

Group 5 – Mining and Mineral Production

Group 7 – Chemical Production

Group 8 – Oil and gas extraction, production and refining including petrochemicals

Group 9 – Waste

Please send your comments by September 8, 2014 to Ann Bowles, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: abowles@ansi.org.

International Organization for Standardization (ISO)

Call for comments

ISO/TMB – Standards under Systematic Review

ISO/IEC Guide 98-4:2012

Every International Standard published by ISO shall be subject to systematic review in order to determine whether it should be confirmed, revised/amended, converted to another form of deliverable, or withdrawn at least once every five years.

ISO has launched Systematic Review ballots on the following standards that are the responsibility of the ISO/TMB:

ISO/IEC Guide 98-4:2012, Uncertainty of measurement -- Part 4: Role of measurement uncertainty in conformity assessment

As there is no accredited U.S. TAG to provide the U.S. consensus positions on this document, we are seeking comments from any directly and materially affected parties.

Organizations or individuals interested in submitting comments or in requesting additional information should contact ISOT@ansi.org.

Establishment of New ISO Subcommittees

ISO/TC 8/SC 13 – Marine Technology

TC 8, Ships and marine technology, has created a new ISO Subcommittee on Marine technology (TC 8/SC 13). The secretariat has been assigned to China (SAC).

ASTM International (ASTM) has committed to administer the US/TAG. Organizations interested in participating on the US/TAG should contact ANSI's ISO Team at isot@ansi.org.

ISO/TC 282/SC 2 – Water Re-Use in Urban Areas

TC 282, Water re-use, has created a new ISO Subcommittee on Water re-use in urban areas (TC 282/SC 2). The secretariat has been assigned to China (SAC).

The American Society for Plumbing Engineers (ASPE) has indicated intent to administer the US/TAG. Organizations interested in participating on the US/TAG should contact ANSI's ISO Team at isot@ansi.org.

ISO/TC 282/SC 3 – Risk and Performance Evaluation of Water Re-Use Systems

TC 282, Water re-use, has created a new ISO Subcommittee on Risk and performance evaluation of water re-use systems (TC 282/SC 3). The secretariat has been assigned to Japan (JISC).

The NSF International (NSF) has committed to administer the US/TAG. Organizations interested in participating on the US/TAG should contact ANSI's ISO Team at isot@ansi.org.

ISO Proposal for a New Field of ISO Technical Activity

Electoral Administration

Comment Deadline: September 12, 2014

INTECO (Costa Rica) has submitted to ISO the attached proposal for a new field of ISO technical activity on the subject of Electoral Administration, with the following scope statement:

Standardization in the field of electoral administration and management, including, but not limited to, the registration of electors, the registration of political organizations and candidates, electoral logistics and planning, vote casting, vote counting and declaration of results, citizenship electoral education, oversight of campaign financing, electronic voting systems, electoral crimes and jurisprudence, electoral observation and methodologies, as well as any other aspects related to the organization of an electoral process.

Further explanation and rationale is provided in the document.

Anyone wishing to review this new proposal can request a copy by contacting ANSI's ISO Team via e-mail: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, September 12, 2014.

Meeting Notices

ASC Z87 – Safety Standards for Eye Protection

The Accredited Standards Committee Z87 on Safety Standards for Eye Protection will next meet as noted:

Tuesday, October 7, 2014: 9 AM – 4:30 PM

Wednesday, October 8, 2014: 8:30 AM – 2:00 PM (expected adjournment)

The Vision Council
222 Reinekers Lane, Suite 700
Alexandria, VA 22314

Meeting space is limited and is available on a first-come, first-serve basis. If you have questions or are interested in attending the Z87 Committee meeting, please contact Cristine Z. Fargo, Director-Member and Technical Services at 703-525-1695 or cfargo@safetyequipment.org.

Revision of AHRI Standard 430 – Central Station Air Handling Units

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on August 18 from 3 p.m. to 5 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member, Mary Opalka, at mopalka@ahrinet.org.

B11 Standards, Inc.

B11.0 Subcommittee – Safety of Machinery; General Requirements and Risk Assessment

The B11.0 Subcommittee, sponsored by the Secretariat (B11 Standards, Inc.), will hold its initial meeting on September 3-4, 2014 at Engineering Systems Inc. (ESI) in Aurora, Illinois. The B11 Committee is an ANSI-Accredited Standards Committee on machine safety, and the B11.0 Subcommittee deals with the overall general safety requirements common to machines as well as risk assessment / risk reduction.

The purpose of this meeting is to begin revising the 2010 version of ANSI B11.0. This meeting is open to anyone with an interest in machine tool safety, particularly as it relates to general safety requirements and risk assessment/risk reduction for machines, and who wishes to participate in standards development.

WQA/ASPE S-802:

Sustainable Activated Carbon Media for Drinking Water Treatment

Version 1.2
Second Public Review Draft

10 July, 2014

The following revisions to WQA/ASPE S-802: Sustainable Activated Carbon Media for Drinking Water Treatment that are in redline were made based on the first round of comments. Only those comments in redline are available for review at this time. The other text is provided for context purposes only.

Revisions for Public Comment

4 Scope

The term 'drinking water' is generally used within this standard to refer to water meant for human consumption such as for drinking, cooking or to be used as ingredient in food. However activated carbon may also be used in water treatment applications which have water quality needs similar to drinking water (e.g. recreational/bathing water or industrial process applications), and the scope of this standard covers activated carbon used in all such applications.

4.1 Included Product Types

The scope of this standard is limited to activated carbon used in the filtration of drinking or recreational water within the following applications:

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a. Point of Use (POU) systems/products
b. Point of Entry (POE) systems
c. Commercial/Industrial Systems
d. Municipal supply

4.3 Additional Scoping Considerations

Criteria in this standard shall apply to the candidate products under consideration for certification, however for criteria which may be more applicable at the facility level (where it is not practical to segregate impacts by product or production line), facility level documentation is acceptable (e.g., evaluation of energy impacts based on energy inventories for an entire facility is permitted). In the former case of a production facility that also produces unrelated products, and where the data or documentation is limited to an individual product, product line, or production line, the company shall demonstrate that an adequate method was used to properly segregate said data or documentation from the unrelated production activities.

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5 Terms and Definitions

5.27 **Recreational Water**: Water destined for recreational usage such as pools and spas.

6 General Requirements & Scoring System

6.4 Prerequisites

6.4.1 Applicable Safety/Performance Certification

To be eligible for certification to the Product Sustainability for Activated Carbon standard, the product shall also be certified to an applicable product safety/performance standard.

6.4.1.1 This certification shall be granted by a certification body accredited by a signatory member of International Accreditation Forum (IAF), International Electrotechnical Commission (IEC), or International Laboratory Accreditation Cooperation (ILAC).

6.4.4 Product Labeling and Literature

6.4.4.1 Product manufacturers demonstrating compliance with this standard shall be eligible to display the applicable certification mark (as authorized by the certification body providing the certification service to the Company) on their certified products and accompanying packaging and literature.

6.5 Scoring System

6.5.2 Pass/Fail Threshold

The scoring achieved by products shall result in either a "pass" or "fail" grade. **Products shall receive a pass grade if they have scored at least 60% of the maximum number of points available in the standard for a minimum of 60 points**. The bonus points count towards the overall score, but do not count towards the total points available.

7 Core Attributes, Criteria and Metrics [100]

7.1 Feedstock Sourcing [25]

7.1.1 Responsible Selection and Stewardship of Feedstock [15]

7.1.1.2 A product shall receive four (4) points if the activated carbon manufacturer has implemented a program that calls for the responsible sourcing of the product's feedstock from renewable and/or non-renewable sources. At a minimum, this program shall call for active conservation efforts and/or stewardship of the supplier's carbon resources

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7.2 Activated Carbon Production [65]

7.2.2 Energy Efficiency / Renewable Energy Use [20]

7.2.2.4 A product shall receive three (3) points if the activated carbon manufacturer demonstrates a reduction in the overall trend for total energy consumption, achieved across the previous five years, at all the production

7.2.3 Reduction of Greenhouse Gas (GHG) Emissions [15]

7.2.3.1 A product shall receive eight (8) points if the activated carbon manufacturer has a program to regularly inventory direct [scope 1] and indirect [scope 2] GHG emissions from its production facilities in accordance with the WRI/WBCSD GHG Protocol: Corporate Accounting and Reporting standard or an equivalent recognized standard. If the latter equivalent recognized standard option is chosen, the company shall disclose their choice of standard for verification purposes.

7.2.3.3 A product shall receive three (3) points if the activated carbon manufacturer can demonstrate a reduction in the overall trend for GHG emissions, achieved across the previous five years, in the production facilities directly related to the product on a per unit product or facility-wide production basis. The following are actions the manufacturer may undertake to reduce its GHG emissions, ordered from most to least preferred:

a. Avoid GHG-intensive activities;
b. Reduce energy consumption via energy efficiency;
c. Replace high-carbon energy sources with low or zero-carbon alternatives; and
d. Offset emissions that cannot be otherwise eliminated with carbon credits.

7.2.3.3.1 If the reduction was achieved partially or entirely from the use of carbon credits, the manufacturer shall provide justification for why credits were used and demonstrate that purchased credits are certified and registered by at least one of the following programs:

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7.2.4 Reduction of Air Emissions (excluding Greenhouse Gas Emissions) [15]

7.2.4.4 A product shall receive two (2) points if the manufacturer can demonstrate a reduction in the overall trend for air emissions, achieved across the previous five years, at the production facilities directly related to the product.

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8 Bonus Attributes, Criteria, and Metrics [20]

8.2 Life Cycle Assessment (LCA) [8]

8.2.2 Using Life Cycle Assessment [4]

8.2.2.1 Prerequisites:

In order to be eligible for any of the points under the criterion below, the manufacturer shall demonstrate that the following requirements were met regarding the establishment of a baseline product:

8.2.2.1.1 The baseline product established shall have been produced no more than five years prior to the year the alternative product is being evaluated for certification;

8.2.2.1.2 The baseline product shall be of comparable function; and

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8.2.2.1.3 The baseline product chosen shall represent one of the following, in order of preference:

a. Same product construction (improvements made within the same product construction's design, processing, materials, etc.);

b. Same product family (improvements made in design and development within the same family of products);

c. The product that was/is being replaced (improvements in new products meant to replace older, less sustainable versions);

d. The most popular product from sales perspective within the same product category (new product developments compared to the product with the most market share); or

e. The average construction of all products sold (as a general trend, new products being developed are intended to improve and drive down the overall impacts).

8.3 Miscellaneous [6]

8.3.1 Eligible Credits [6]

8.3.1.1 The product shall receive four (4) bonus points for other significant in product features or aspects of production that demonstrate environmental and/or social performance improvements that are exceptional, measurable, and beyond the requirements and criteria otherwise covered within this standard.

8.3.1.1.1 If the miscellaneous improvement results in higher points scored in any of the other attribute categories in this standard, the manufacturer shall not score points under both this miscellaneous attribute as well as the other attribute categories. In order to avoid double counting, the manufacturer shall determine where the placement of points provides the greatest overall score.

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8.3.2 Documentation

8.3.2.1 Submissions under this attribute shall be documented appropriately, and shall be subject to independent verification. The manufacturer shall provide written documentation for the miscellaneous improvement submitted for evaluation, including:

8.3.2.1.1 Written justification explaining the purpose of the improvement and how it differs from the requirements and criteria in §7 of this standard;

8.3.2.1.2 A description of the exceptional environmental and/or social performance resulting from the improvement; and

8.3.2.1.3 Supporting evidence and calculations required for the claims under §8.3.1.1.

Plastics piping system components and related materials

Changes in r4 are shown with underline. Additions are shown in highlight, deletions shown with strikethrough.

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Table 2 – Minimum number of test specimens for a sample

Test		Number of specimens
acetone		1
burst pressure	Start-up	5
	During steady-state operation	1
crush		1
deflection load and crush resistance		3
degree of crosslinking		1
elongation (microtensile)		2
environmental stress crack resistance		
materials tests		10
pipe tests		6
flattening		3
impact		10
pipe stiffness		3
stabilizer functionality		2
sustained pressure		6
Tup puncture resistance		3

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-
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Table 8 - Chlorinated poly (vinyl chloride) (CPVC) pipe test frequency

Test	Frequency
burst pressure[1,2]	24 h
dimensions	
pipe OD	2 h
pipe wall thickness	2 h
pipe out-of-roundness	2 h
flattening resistance[1]	Annually
sustained pressure pipe and fittings assemblies	Annually
product standards	ASTM D2846 ASTM F441 ASTM F442 CSA B137.6

[1] Applies only to products produced under ASTM F441 and F442 as referenced in 2 of this Standard.

[2] *If one compound is continuously used in several machines or sizes, when a steady-state operation is obtained on each machine the manufacturer shall choose one of the following sampling methods:*

- *Sample selection shall be from a different extruder each day and rotated in sequence among all machines or sizes. Refer to Table 2 for minimum sample size.*
  or
- *If more than three extruders are in operation, the sample shall consist of a minimum of one specimen from each exturder and shall be burst tested every 12 hours (minimum of 8 samples). This option requires additional testing that option 1 when there are more than 3 extruders.*

~~[2] If one compound is continuously used in several machines or sizes, when a steady-state operation is obtained on each machine sample selection shall be from a different extruder each day and rotated in sequence among all machines or sizes.~~
~~The manufacturer shall choose one of the following sampling methods:~~

- ~~Sample selection shall be from a different extruder each day and rotated in sequence among all machines or sizes. Refer to Table 2 for minimum sample size.~~

~~or~~

- ~~If more than three extruders are in operation, the sample shall consist of a minimum of one specimen from each extruder and shall be burst tested every 12 hours (minimum of 8 samples). This option requires additional testing than option 1 when there are more than 3 extruders.~~

Reason:
The proposed change would require the manufacturer to test a minimum of five samples at start-up of the extruder. Once a steady-state operation is obtained, one sample from each extruder must be tested every 24 hours. This would satisfy the sampling requirement (5) of ASTM D1599 which does not specify test frequency. Ref: 9.2 of the standard.

BSR/UL 162, Standard for Safety for Foam Equipment and Liquid Concentrates

1. Inclusion of Drop Test for IBCs in UL 162 Standard

21 Drop Test

21.1 A filled container shall sustain the dropping specified in 21.2 or 21.3 without rupture and without leakage of the concentrate it contains. Also, the container cap or plug shall be capable of being removed using a drum wrench or other appropriate tool.

21.2 For 5 gallon (20 L) and 55 gallon (210 L) containers, three sample containers filled with the intended foam liquid concentrate or similar antifreeze solution shall be conditioned for at least 24 hours at the minimum recommended storage temperature +0/-5°F.(+0/-2.8°C). ~~Three sample containers filled with the concentrate intended to be stored in them are to be conditioned at the minimum recommended storage temperature for 24 hours.~~ Immediately following the conditioning, each sample is to be dropped once from a height of 4 feet +1/-0 inch (1.2 m +25/-0 mm) onto a smooth concrete surface. The first sample is to strike on its bottom edge, ~~the second~~ another sample container on its side, and the ~~third~~ other sample container on its top. Each drop is to impact what is considered the most critical location. ~~The samples are then to be examined for leakage. Following this, the samples are to be conditioned for 24 hours at 70°F (21°C) and then reexamined for leakage. The samples are to be checked to verify that the cap can be removed using a drum wrench.~~ At the option of the manufacturer, a single container may be used for all three drops.

21.3 ~~For 1000 liter tote packagings or International Bulk Containers (IBC) packaging, the IBC will be filled with the concentrate intended to be stored and conditioned at minimum recommended temperature for 24 hours following which it will be dropped on its bottom edge from a height of 4 ft (1.2 m) and then examined for leakage. There shall not be any loss of contents.~~ For 265 gallon (1000 liter) tote containers or Intermediate Bulk Containers (IBC) a container shall be filled with the intended foam liquid concentrate or similar antifreeze solution and shall be conditioned for at least 24 hours at the minimum recommended temperature +0/-5°F.(+0/-2.8°C). Immediately following conditioning, the container shall be dropped on its bottom edge from a height of 4 feet +1/-0 inch (1.2 m +25/-0 mm) onto a smooth concrete surface . A slight discharge from a closure upon impact shall not be considered to be a failure of the IBC provided that no further leakage occurs. ~~Also the IBC~~ The container shall be capable of being lifted by appropriate means ~~untill~~ until clear of the floor for five minutes.

21.4 The sample container(s) are then to be examined for leakage. Following examination, the samples are to be conditioned for 24 ±1 hours at 70 ±10°F (21 ±5.6°C) and then reexamined for leakage. The samples are to be checked to verify that the cap can be removed using a drum wrench or other appropriate tool.

BSR/UL 9, Standard for Safety for Fire Tests of Window Assemblies

1. Revision to Minimum Qualifications for the Test Furnace

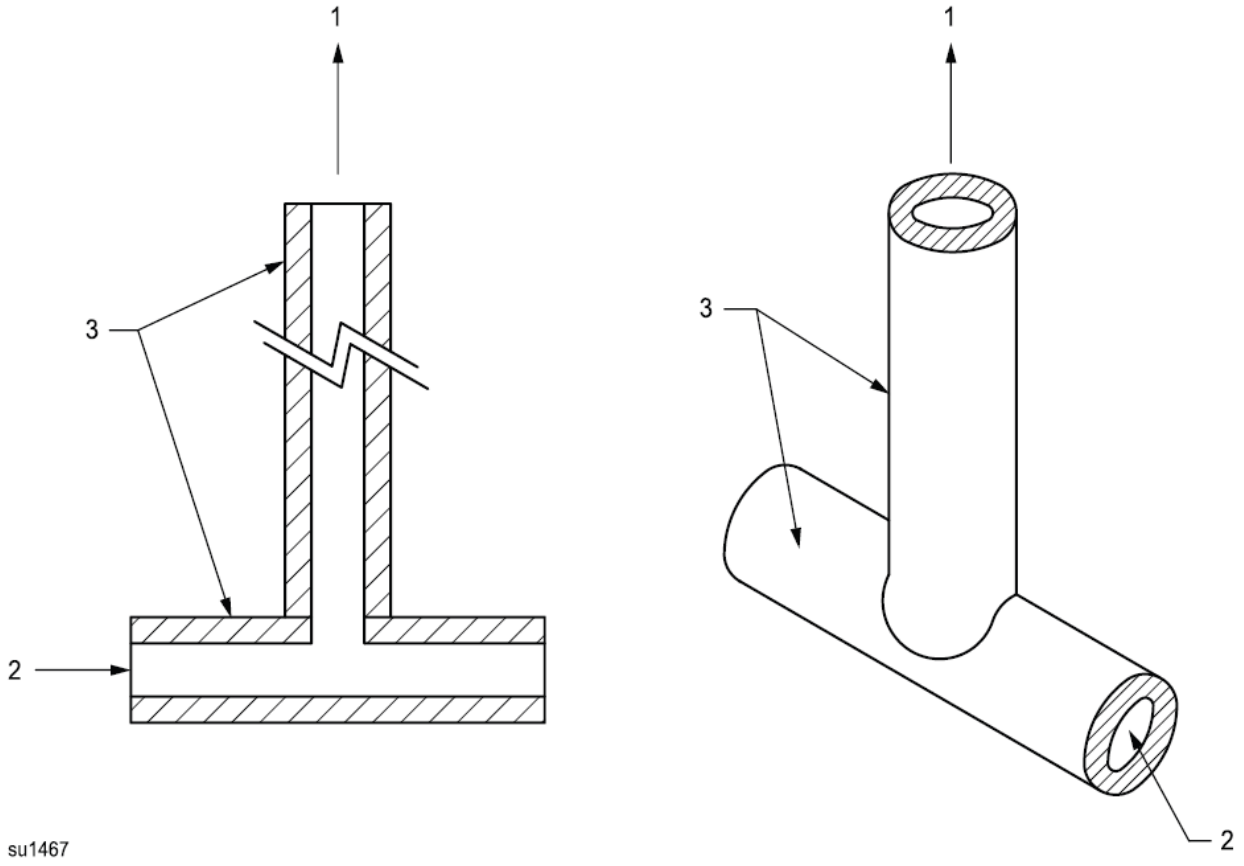
3.2.1 The temperatures of the test exposure shall be the average temperature obtained by a minimum of three thermocouples and no fewer than one thermocouple per 15 square feet of test assembly exposed to the furnace ~~nine thermocouples per 100 square feet of test assembly~~ symmetrically disposed and distributed to show the temperature near all parts of the test assembly. The thermocouples are to be protected by sealed porcelain tubes having 3/4 in (19.1 mm) outside diameter and 1/8 in (3.2 mm) wall thickness or, as an alternate in the case of base-metal thermocouples, protected by: (1) sealed 1/2-in (12.~~5~~7-mm) wrought-steel or wrought-iron pipe, in accordance with Welded and Seamless Wrought Steel Pipe, ANSI/ASME B36.10M, of standard weight, or (2) Inconel 600 series schedule 40 pipe (0.8 inch OD / 0.6 inch ID, 20 mm OD / 15 mm ID). See Figure 3.2. The exposed length of the thermocouple protection tube in the furnace chamber is not to be less than 12 in (305 mm). The junction of the thermocouples is to be 6 in (152 mm) from the exposed face of the test assembly, or from the construction in which the assembly is installed during the entire test exposure.

3.3.2 The neutral plane within the test furnace shall be established prior to the initiation of the fire test. Such pressure shall remain constant or increase to maintain the neutral plane upon initiation of the fire test. Control of the furnace pressure is to be established beginning no later than 5 minutes after the start of the test and is to be maintained throughout the remainder of the fire test. ~~Control of the furnace pressure is to be established beginning no later than 5 minutes after the start of the test and is to be maintained throughout the remainder of the fire test.~~

2. Revision of Figure 3.3 - "T" Shaped Pressure Sensing Probe

Figure 3.3

"T" shaped pressure-sensing probe



Key

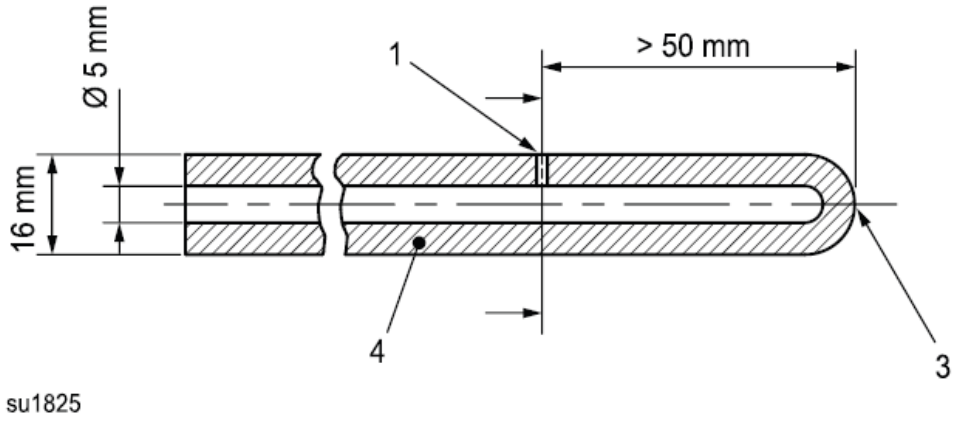
1) Open to transducer

2) Open

3) ~~Stainless steel tube.~~ "T" shaped pressure-sensing probe. Inside diameter 0.2 in to 0.4 in (5 mm to 10 mm)

Figure 3.4

Tube shaped pressure-sensing probe



Key

1) Holes, 3.0 mm diameter

2) Holes, 3.0 mm diameter, spaced 40° apart around the pipe

3) Welded end

4) Tube shaped pressure-sensing probe ~~Stainless-steel pipe~~

BSR/UL 10B, Standard for Safety for Fire Tests of Door Assemblies

1. Revision to Minimum Qualifications for the Test Furnace

4.1 The temperatures of the test exposure shall be the average temperature obtained by a minimum of three thermocouples and no fewer one thermocouple per 15 ~~than nine thermocouples per 100~~ square feet of test assembly exposed to the furnace symmetrically disposed and distributed to show the temperature near all parts of the test assembly, see Figure 4.1. The thermocouple assembly is to consist of a thermocouple protected by a sealed porcelain tube having a 3/4 inch (19.1 mm) outside diameter and 1/8 inch (3.2 mm) wall thickness or, a base-metal thermocouple, protected by: (1) ~~a~~ sealed 1/2-inch (12.7-mm) wrought-steel or wrought-iron pipe of standard weight or (2) Inconel 600 series schedule 40 pipe (0.8 inch OD / 0.6 inch ID, 20 mm OD / 15 mm ID). The end of the thermocouple assembly is to be initially located 6 inches (152 mm) from the exposed face of the ~~door~~ test assembly or from the ~~wall assembly~~ construction in which the door assembly is installed. During the fire exposure, if the movement of the test sample causes the sample's distance to the end of the thermocouple assembly to vary, the end of the thermocouple assembly is to be reset to 6 inches (152 mm) at intervals not exceeding 10 minutes during the first 30 minutes of the test. Thereafter, the intervals are to be increased to not more than 30 minutes.

2. Addition of Furnace Pressure Probes

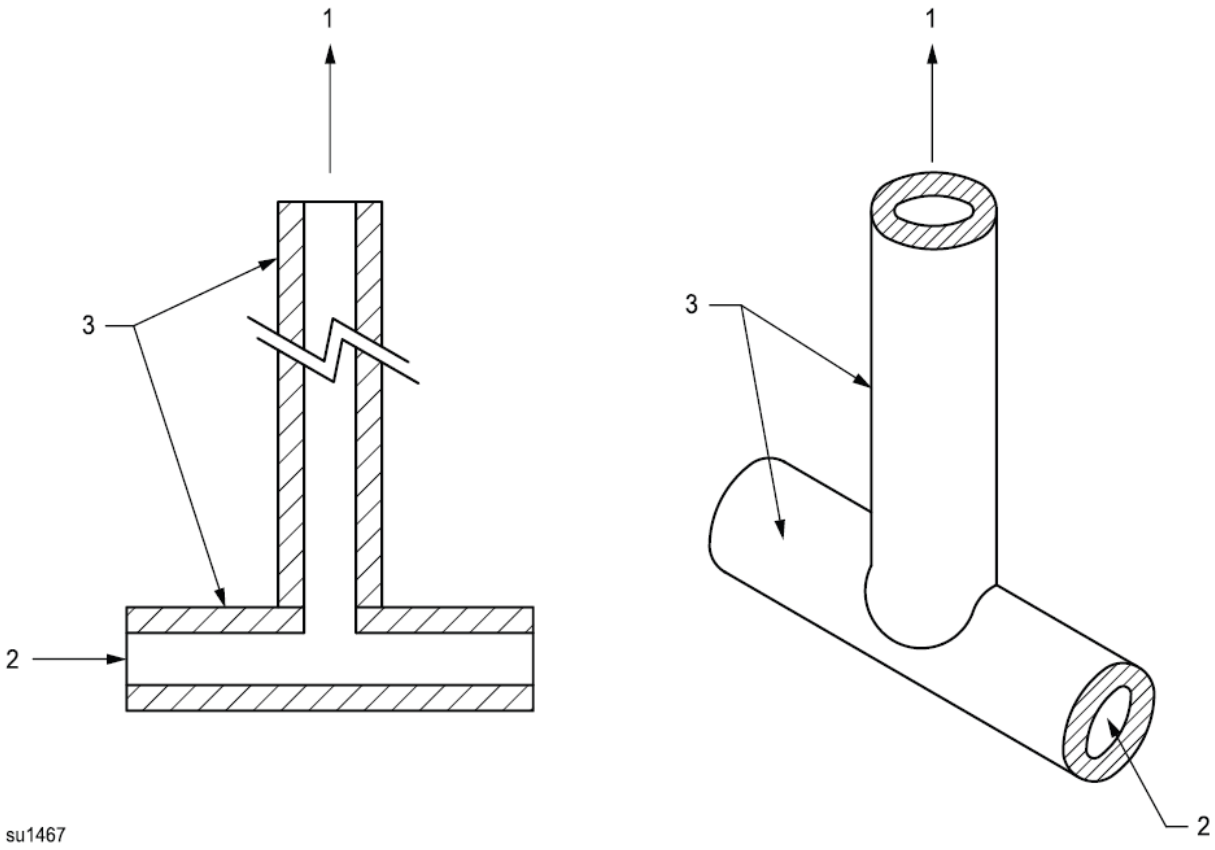
4A Furnace Pressure

4A.2 The neutral plane within the test furnace shall be established prior to the initiation of the fire test. Such pressure shall remain constant or increase to maintain the neutral plane upon initiation of the fire test. Control of the furnace pressure is to be established beginning no later than 5 minutes after the start of the test and is to be maintained throughout the remainder of the fire test.

4A.4 The pressure-sensing probes are to be as shown in either Figure 4A.1 or Figure 4A.2. The probes are to be located so that the center line of the sensing holes are positioned 6 ±1 in (152 ±2.5 mm) from the surface of the exposed face of the test assembly and a minimum of 18 in (457 mm) from the edges of the furnace. The probes are to be positioned horizontally in the furnace without a change in vertical elevation of the probes or tubing within the furnace.

Figure 4A.1

"T" shaped pressure-sensing probe



Key

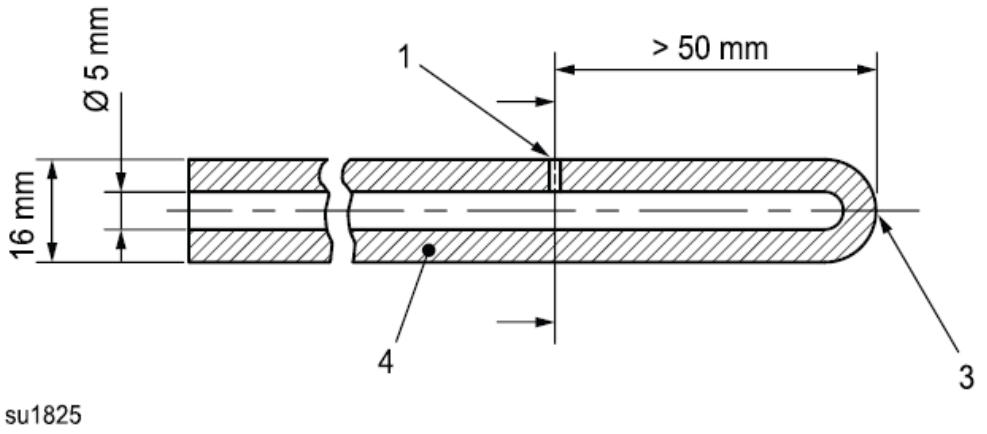
1) Open to transducer

2) Open

3) ~~Stainless steel tube.~~ "T" shaped pressure-sensing probe. Inside diameter 0.2 in to 0.4 in (5 mm to 10 mm)

Figure 4A.2

Tube shaped pressure-sensing probe



Key

1) Holes, 3.0 mm diameter

2) Holes, 3.0 mm diameter, spaced 40° apart around the pipe

3) Welded end

4) Tube shaped pressure-sensing probe ~~Stainless-steel pipe~~

Note: 1 inch = 25.4 mm

4A.5 The pressure-sensing probes are to be located ~~within 6 in (152 mm) of the vertical centerline of~~ at a minimum of 18 inches from the edges of the furnace chamber.

5. Revision to Thermocouple Attachment Method

5.3 Unexposed surface temperatures are to be measured with thermocouples placed under flexible, oven-dry, felted pads. The properties of these pads are to comply with the requirements specified in Appendix B. The thermocouple and felted pad are to be fixed to the surface of the test specimen by mechanical fastening, tape or adhesive, based on the nature of the material forming the specimen. When a mechanical fastening method is used to secure the thermocouple and felted pad, the testing laboratory shall ensure the fastener is not greater than 3/8 inch in length. The pads shall be fixed so as to maintain contact between the thermocouple and the surface of the test specimen ~~throughout the duration of the test~~.

BSR/UL 10C, Standard for Safety for Positive Pressure Fire Tests of Door Assemblies

1. Revision to Minimum Qualifications for the Test Furnace

5.1 The temperatures of the test exposure shall be the average temperature obtained by a minimum of three thermocouples and no fewer than one thermocouple per 15 ~~nine thermocouples per 100~~ square feet of test assembly exposed to the furnace symmetrically disposed and distributed to show the temperature near all parts of the test assembly, Figure 5.1. The thermocouples shall be protected by: (1) sealed 1/2 in (12.7 mm) ~~sealed porcelain tube having 3/4 in (19.1 mm) outside diameter and 1/8 in (3.2 mm) wall thickness or, as an alternate, in the case of base-metal thermocouples, protected by 1/2 in (12.7 mm)~~ wrought-steel or wrought-iron pipe of standard weight or (2) Inconel 600 series schedule 40 pipe (0.8 inch OD / 0.6 inch ID, 20 mm OD / 15 mm ID).

5.2 The junction of the thermocouples shall be initially located 6 in (152 mm) from the exposed face of the test assembly or from the ~~masonry~~ construction in which the assembly is installed. During the fire exposure, if the movement of the test sample causes the sample's distance to the thermocouple junction to vary, the location of the junction shall be reset to 6 in (152 mm) at intervals not exceeding 10 minutes during the first 30 minutes of the test. Thereafter, the intervals are to be increased to not more than 30 minutes.

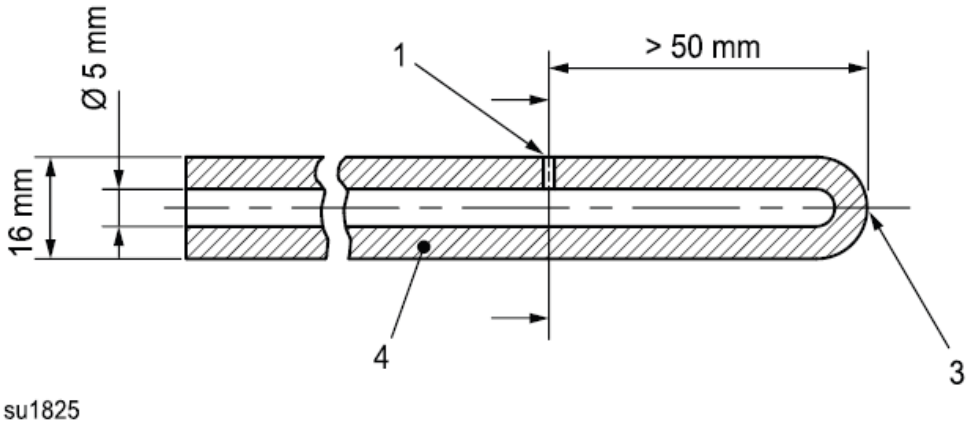
2. Addition of Furnace Pressure Probes

7.1A The neutral plane within the test furnace shall be established prior to the initiation of the fire test. Such pressure shall remain constant or increase to maintain the neutral plane upon initiation of the fire test. Control of the furnace pressure is to be established beginning no later than 5 minutes after the start of the test and is to be maintained throughout the remainder of the fire test. ~~The exposed area of the test assembly required to be in the positive pressure zone shall be at a positive pressure for the full duration of the fire endurance test.~~

7.2 The pressure probe is to be constructed from 1/2 in (12.7 mm) diameter stainless steel tube with a welded, closed end, and incorporating nine radial, 1/16-in (1.6-mm) diameter holes spaced equidistance around the tube's perimeter as shown in Figure 7.1. The probe is to be located so that the center line of the sensing holes are positioned 6 ±1 in (152±2.5 mm) from the surface of the exposed face of the test assembly and a minimum of 18 in (457 mm) from the edges of the furnace. The probes are to be positioned horizontally in the furnace without a change in vertical elevation of the probes or tubing within the furnace. Alternatively "T" shaped pressure-sensing probes may be used as shown in Figure ~~7.1~~ 7.2.

Figure 7.1

Tube shaped pressure-sensing probe



Key

1) Holes, 3.0 mm diameter

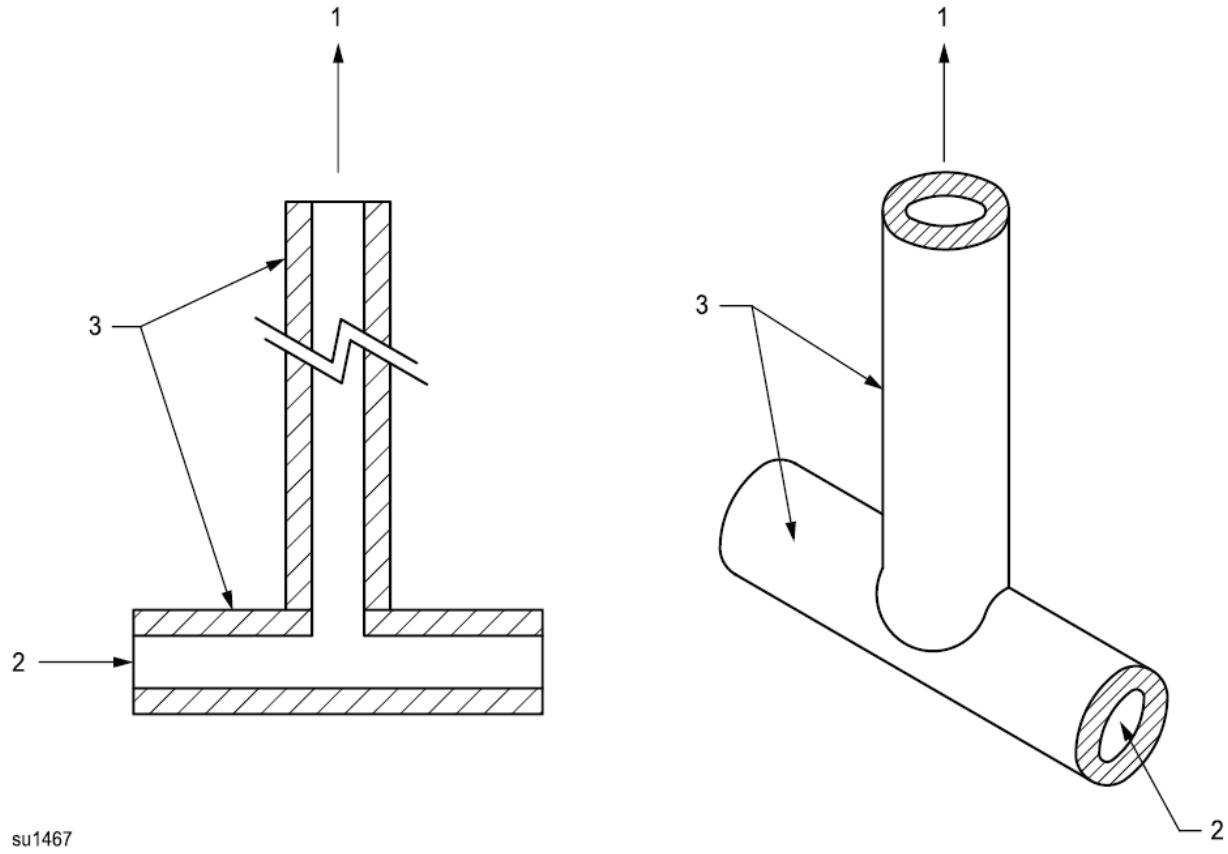
2) Holes, 3.0 mm diameter, spaced 40° apart around the pipe

3) Welded end

4) Tube shaped pressure-sensing probe

Figure 7.~~1~~ 2

"T" shaped pressure-sensing probe



Key

1) Open to transducer

2) Open

3) "T" shaped pressure-sensing probe. ~~Stainless steel tube.~~ Inside diameter 0.2 in to 0.4 in (5 mm to 10 mm)

Note: 1 inch = 25.4 mm

3. Clarification of Testing - Sections 10 and 11

11.1 Prior to the start of the endurance test the pressure in the furnace chamber is to ~~be maintained nearly equal to the atmospheric pressure~~ comply with Section 7.1.

6. Revision to Thermocouple Attachment Method

6.5 The disk and the felted pad are to be fixed to the surface of the specimen by mechanical fastening, tape, or adhesive, based on the nature of the material forming the specimen. When a mechanical fastening method is used to secure the thermocouple and pad, the testing laboratory shall ensure the fastener is not greater than 3/8 inch in length. The pads shall be fixed so as to maintain contact between the thermocouple and the surface of the test specimen ~~throughout the duration of the test~~.

BSR/UL 48, Standard for Electric Signs

1. Addition of requirements for laminated or organic-coated glass and revision to test method.

2.21.1 GLASS - The following are types of glass:

a) LAMINATED GLASS - Two or multi glass sheets bonded together, consisting of at least one glass sheet bonded to at least one other sheet of glass with an organic interlayer. When broken, cracks may appear, but the glass fragments tend to adhere to the applied organic material. See also the Standard Specification for Laminated Architectural Flat Glass, ASTM C1172.

b) ORGANIC-COATED GLASS - A sheet of glass covered with either an organic film or a coating. When broken, cracks may appear, but the glass fragments tend to adhere to the applied organic material.

c) SODA-LIME GLASS - Glass that is monolithic and based on soda-lime silicate. It can be annealed or tempered for strengthening. When broken, shards of various sizes and shapes will be released. See also the Standard Terminology of Glass and Glass Products, ASTM C162 for definition.

d) TEMPERED GLASS - Glass that has been treated so that when broken, it dices into fragments. See also the Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass, ASTM C1048.

~~2.21.1 GLASS, LAMINATED - Two or multi-glass sheets bonded together, consisting of at least one glass sheet bonded to at least one other sheet of glass with an organic interlayer. When broken, cracks may appear, but the glass fragments tend to adhere to the applied organic material. See also the Standard Specification for Laminated Architectural Flat Glass, ASTM C1172.~~

~~2.21.2 GLASS, ORGANIC-COATED - A sheet of glass covered with either an organic film or a coating. When broken, cracks may appear, but the glass fragments tend to adhere to the applied organic material.~~

~~2.21.3 GLASS, SODA-LIME - Glass that is monolithic and based on soda-lime silicate. It can be annealed or tempered for strengthening. When broken, shards of various sizes and shapes will be released. See also the Standard Terminology of Glass and Glass Products, ASTM C162 for definition.~~

~~2.21.4 GLASS, TEMPERED - Glass that has been treated so that when broken, it dices into fragments. See also the Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass, ASTM C1048.~~

2. Addition of requirements for signs with photovoltaic systems or modules.

2.48.1 PHOTOVOLTAIC SIGN - An off-grid/stand alone, on-grid/non-utility interactive, or utility interactive sign powered by solar energy. It may be constructed with photovoltaic ~~panels~~ modules, controls, and/or batteries integrated into a single sign cabinet or as a separate section(s) of the photovoltaic sign.

4.4.12 Photovoltaic powered signs

4.4.12.1 Photovoltaic powered signs shall comply with all the requirements in this standard, including 4.4.12.2 - 4.4.12.20 ~~4.4.12.21~~.

~~4.4.12.19 A self-contained off-grid photovoltaic sign having the photovoltaic panel as part of the sign housing and having all circuits operating at 30 Vdc or less is not required to be grounded or comply with the bonding requirements.~~

4.4.12.19 ~~4.4.12.20~~ Photovoltaic signs shall comply with the applicable marking requirements of Section 7, including the requirements of 7.9 that are specific to photovoltaic signs.

4.4.12.20 ~~4.4.12.21~~ In addition to complying with the installation instruction requirements in 8.1 and 8.2, installation instructions for photovoltaic signs shall comply with 8.6.

8.6 Photovoltaic signs

8.6.1 In addition to complying with the installation instruction requirements in 8.1 and 8.2, installation instructions for photovoltaic signs shall include:

a) Instructions for grounding the system in accordance with the requirements of this standard and the National Electrical Code, NFPA 70~~, Article 690, Part V "Grounding" for systems operating above 30 Vdc~~.

b) If provided with a utility interactive inverter, instructions for connecting the utility interactive inverter to power the sign in accordance with the National Electrical Code, NFPA 70, Article 705.

BSR/UL 123, Standard for Safety for Oxy-Fuel Gas Torches

1. Addition of definitions

2A Glossary

2A.1 For the purpose of this standard the following definitions apply.

2A.2 BACKFIRE[a] – The momentary recession of the flame into the torch, potentially causing a flashback or sustained backfire. It is usually signaled by a popping sound, after which the flame may either extinguish or reignite at the end of the tip. See also flashback and sustained backfire.

2A.3 BACKFIRE, SUSTAINED[a] – The recession of the flame into the torch body with continued burning characterized by an initial popping sound followed by a squealing or hissing sound, potentially burning through the torch body. See also backfire and flashback.

2A.4 FLASHBACK[a] – The recession of the flame through the torch and into the hose, regulator, and/or cylinder, potentially causing an explosion. See also backfire and sustained backfire.

[a] Reproduced/adapted with permission of the American Welding Society (AWS), Miami, Florida.

BSR/UL 1653, Standard for Safety for Electrical Nonmetallic Tubing, UL 1653

PROPOSAL

1. New 63 (2-1/2) Trade Size for Canada

PROPOSAL

7.5 Resistance to deflection

7.5.1 General

7.5.1.1 Six samples of each trade size shall be subjected to a load of 4448 N (1000 lbf) for 16 (1/2) trade size, 3470 N (780 lbf) for 21 (3/4) trade size, 3380 N (760 lbf) for 27 (1) trade size, and 1779 N (400 lbf) for 35 (1-1/4) ~~and larger~~ through 53 (2) trade sizes. Each sample shall consist of a 150 ±3 mm (6 ±1/8 in) length of ENT.

7.5.1.2 In Canada, six samples of 63 (2-1/2) trade size shall be subjected to a load of 1334 N (300 lbf). Each sample shall consist of a 150 ±3 mm (6 ±1/8 in) length of ENT.

In the United States, this requirement does not apply.

9 Marking

9.1 The ENT shall be legibly and durably marked at intervals not greater than 1.5 m (60 in) with:

a) the manufacturer's name, trademark, or other recognized symbol of identification;

b) type "ENT";

c) the material used in construction, "PVC";

d) the metric designator and the trade size, for example 16 (1/2);

e) "FT4" when tested in accordance with Clause 7.3;

f) the manufacturer's code (date of manufacture);

g) "For use in residential attics up to 900 mm (3 ft) above the bottom of the ceiling joist" when the ENT material complies with Clause 4.1.4; and

h) in the United States, the manufacturing plant identification when the manufacturer has more than one plant that manufactures ENT.

In Canada, Item (h) does not apply.

i) in Canada, Trade Size 63 (2-1/2) shall be marked "For Canada Only".

9.2 The smallest package of cut lengths, coils, or reels of finished product shall be marked with:

a) the manufacturer's name, trademark, or other recognized symbol of identification;

b) type "ENT";

c) the material used in construction, "PVC";

d) the metric designator and the trade size, for example 16 (1/2);

e) the total length of product in the package;

f) the manufacturer's instructions for securing solvent-attached fittings (this marking may appear on the package or an accompanying pamphlet); and

g) "For use in residential attics up to 900 mm (3 ft) above the bottom of the ceiling joist" when the ENT material complies with Clause 4.1.4.

h) in Canada, Trade Size 63 (2-1/2) shall be marked " For Canada Only".

Tables

Table 1 - ENT size and dimensions

(See Clause 4.3.1) and Figure 1

		Outside diameter (OD)				Inside diameter (ID)			
		Minimum		Maximum		Minimum		Maximum	
Metric designator (trade size)		mm	(in)	mm	(in)	mm	(in)	mm	(in)
16	(1/2)	21.13	(0.832)	21.54	(0.848)	14.58	(0.574)	16.00	(0.630)
21	(3/4)	26.42	(1.040)	26.92	(1.060)	19.66	(0.774)	21.18	(0.834)
27	(1)	33.15	(1.305)	33.66	(1.325)	25.37	(0.999)	26.90	(1.059)
35	(1-1/4)	41.86	(1.648)	42.47	(1.672)	33.73	(1.328)	35.36	(1.392)
41	(1-1/2)	47.96	(1.888)	48.56	(1.912)	39.57	(1.558)	41.20	(1.622)
53	(2)	60.02	(2.363)	60.63	(2.387)	51.18	(2.015)	52.81	(2.079)
63*	(2-1/2)*	72.45*	(2.852)*	73.15*	(2.880)*	61.7*	(2.429)*	63.7*	(2.508)*
*For Canada only									

Table 2 - Mandrel sizes

(See Clauses 7.4.1, 7.7.1, and 8.1.2.1)

		Radius	
Metric designator	**(trade size)**	**mm**	**(in)**
16	(1/2)	87	(3.4)
21	(3/4)	119	(4.7)
27	(1)	152	(6.0)
35	(1-1/4)	204	(8.0)
41	(1-1/2)	239	(9.4)
53	(2)	305	(12.0)
63*	2-1/2*	371*	14.6*
*For Canada only			

Table 3 - Sphere sizes

(See Clause 7.4.2)

		Sphere diameter	
Metric designator	**(trade size)**	**mm**	**(in)**
16	(1/2)	12.4	(0.49)
21	(3/4)	16.8	(0.66)
27	(1)	21.6	(0.85)
35	(1-1/4)	28.9	(1.14)
41	(1-1/2)	33.9	(1.33)
53	(2)	43.6	(1.72)
63*	(2-1/2)*	52.3*	(2.06)*
*For Canada only			