

Contents

American National Standards

Call for Comment on Standards Proposals	2
Call for Members (ANS Consensus Bodies)	7
Final Actions	10
Project Initiation Notification System (PINS)	11
ANS Maintained Under Continuous Maintenance	14
ANSI-Accredited Standards Developers Contact Information	15

International Standards

ISO and IEC Draft Standards	16
ISO Newly Published Standards	20
Proposed Foreign Government Regulations	21
Information Concerning	22

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

Comment Deadline: March 26, 2017

NSF (NSF International)

Revision

BSR/NSF 50-201x (i101r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

This Standard covers materials, components, products, equipment, and systems, related to public and residential recreational water facility operation.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Lauren Panoff, (734) 769-5197, lpanoff@nsf.org

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60079-26-201X, Standard for Safety for Explosive Atmospheres - Part 26: Equipment with Equipment Protection Level (EPL) Ga (national adoption with modifications of IEC 60079-26)

This proposal provides revisions to the proposal document dated August 19, 2016 for the Adoption of IEC 60079-26, Explosive Atmospheres - Part 26: Equipment with Equipment Protection Level (EPL) Ga (third edition issued by IEC October 2014) as a new IEC-based UL standard, UL 60079-26, to the applicable requirements per comments received.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Vickie Hinton, (919) 549-1851, Vickie.T.Hinton@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 539-201x, Standard for Safety for Single and Multiple Station Heat Alarms (revision of ANSI/UL 539-2009 (R2014))

(1) Alternative paintbrush marking for "Do Not Paint" requirement.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (510) 319-4269, Paul.E.Lloret@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 746A-201x, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2017)

This proposal represents a modification of the Inclined-Plane Tracking Test Method described in UL 746A to be in line with ASTM D2303.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Derrick Martin, (510) 319-4271, Derrick.L.Martin@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 923-201x, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2015)

(1) Proposal to clarify the strain relief test requirement.

[Click here to view these changes in full](#)

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1838-201x, Standard for Safety for Low Voltage Landscape Lighting Systems (revision of ANSI/UL 1838-2015)

(1) Editorial revision; (2) Cord size for power units with receptacles; (3) Pond and fountain luminaires located near pools.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Ritu Madan, (847) 664-3297, ritu.madan@ul.com

Comment Deadline: April 10, 2017

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/IEC 60601-2-16-201x, Medical electrical equipment - Part 2-16: Particular requirements for basic safety and essential performance of hemodialysis, hemodiafiltration and hemofiltration equipment (identical national adoption of IEC/CDV 60601-2-16 and revision of ANSI/AAMI/IEC 60601-2-16:2012)

Applies to the basic safety and essential performance of hemodialysis, hemodiafiltration, and hemofiltration equipment.

Single copy price: Free

Obtain an electronic copy from: cbernier@aami.org

Order from: Cliff Bernier, 703-253-8263, cbernier@aami.org

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/IEC 60601-2-39-201x, Medical electrical equipment - Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment (identical national adoption of IEC/CDV 60601-2-39)

Applies to the basic safety and essential performance of peritoneal Dialysis ME equipment. Applies to PD equipment intended for use either by medical staff or under the supervision of medical experts, including PD equipment operated by the patient, regardless of whether the PD equipment is used in a hospital or domestic environment.

Single copy price: Free

Obtain an electronic copy from: cbernier@aami.org

Order from: Cliff Bernier, 703-253-8263, cbernier@aami.org

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

ABYC (American Boat and Yacht Council)

New Standard

BSR/ABYC A-23-201x, Sound Signal Appliance (new standard)

This standard is a guide for the design, construction, performance, and installation of sound signal appliances for vessels operating in international waters and vessels operating in inland waters.

Single copy price: \$50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

ABYC (American Boat and Yacht Council)**Revision**

BSR/ABYC A-33-201x, Emergency Engine Cut-Off Devices (revision of ANSI/ABYC A-33-2009)

This standard is a guide for the design, construction, installation, and performance of a system used to disable the propulsion system when the operator is unexpectedly displaced from the boat.

Single copy price: \$50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

ABYC (American Boat and Yacht Council)**Revision**

BSR/ABYC H-1-201x, Field of Vision from the Helm Position (revision of ANSI/ABYC H-1-2010)

This standard specifies the requirements for the field of vision from the helm station(s).

Single copy price: \$50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

ABYC (American Boat and Yacht Council)**Revision**

BSR/ABYC H-8-201x, Buoyancy in the Event of Flooding/Swamping (revision of ANSI/ABYC H-8-2012)

This standard is a guide for determining the flotation and placement required to keep boats afloat when flooded/swamped and where indicated, floating in an approximately level attitude when flooded/swamped.

Single copy price: \$50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

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

BSR/ASHRAE Standard 78-1985 (R201x), Method of Testing Flow Capacity of Suction Line Filters and Filter-Driers (reaffirmation of ANSI/ASHRAE Standard 78-1985 (R2007))

This standard establishes a method for measuring the flow capacity of refrigerant suction line filters and filter-driers.

Single copy price: \$35.00

Obtain an electronic copy from: Free download at <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: Online Comment Database at <http://www.ashrae.org/standards-research--technology/public-review-drafts>

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

BSR/ASHRAE Standard 97-2007 (R201x), Sealed Glass Tube Method to Test the Chemical Stability of Materials for Use within Refrigerant Systems (reaffirmation of ANSI/ASHRAE Standard 97-2007)

The purpose of this standard is to establish a test procedure utilizing sealed glass tubes for the evaluation of materials for use in refrigerant systems.

Single copy price: \$35.00

Obtain an electronic copy from: Free download at <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: Online Comment Database at <http://www.ashrae.org/standards-research--technology/public-review-drafts>

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

BSR/ASHRAE Standard 206-2013 (R201x), Method of Testing for Rating of Multi-Purpose Heat Pumps for Residential Space Conditioning and Water Heating (reaffirmation of ANSI/ASHRAE Standard 206-2013)

This standard provides uniform test methods and calculation procedures for establishing the efficiencies of multipurpose residential heat pumps for space-conditioning, water heating, and/or dehumidification.

Single copy price: \$35.00

Obtain an electronic copy from: Free download at <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: Online Comment Database at <http://www.ashrae.org/standards-research--technology/public-review-drafts>

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

BSR/ASHRAE Standard 194-201x, Method of Test for Direct-Expansion Ground-Source Heat Pumps (revision of ANSI/ASHRAE Standard 194-2012)

This revision of Standard 194-2012 provides test procedures for rating factory made residential, commercial, and industrial Direct-Expansion Ground-Source Heat Pumps.

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>

AWS (American Welding Society)**New Standard**

BSR/AWS B5.2-201x, Specification for the Training, Qualification, and Company Certification of Welding Inspector Specialists and Welding Inspector Assistants (new standard)

This specification defines the requirements and program for an employer (company) to train, qualify, and company certify Welding Inspector Specialists and Welding Inspector Assistants to contract or industry-specific inspector standards. The program is developed as a written practice and controlled by an employer. The employer is responsible for the testing, examination, and qualification of their inspectors.

Single copy price: \$30.00

Obtain an electronic copy from: steveh@aws.org

Order from: Stephen Hedrick, (305) 443-9353, steveh@aws.org

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

AWS (American Welding Society)**New Standard**

BSR/AWS C3.12M/C3.12-201x, Specification for Furnace Soldering (new standard)

This specification provides the minimum fabrication, equipment, material, process procedure requirements, as well as inspection requirements for metal and ceramic base materials that can be adequately furnace soldered. This specification provides criteria for classifying furnace-soldered joints based on loading and the consequences of failure. It also provides quality assurance criteria that define the limits of acceptability in each class. This specification describes acceptable furnace soldering equipment, materials, and procedures, as well as the required inspection for each class of solder joint so produced.

Single copy price: \$32.50

Obtain an electronic copy from: jdouglass@aws.org

Order from: John Douglass, (800) 443-9353, jdouglass@aws.org

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

AWS (American Welding Society)**Revision**

BSR/AWS C4.3/C4.3M-201X, Recommended Practices for Oxyfuel Gas Heating Torch Operation (revision of ANSI/AWS C4.3/C4.3M-2007)

The newly revised manual for oxyfuel gas heating torch operation includes the latest procedures to be used in conjunction with oxyfuel gas heating equipment. The manual also includes the latest safety requirements. Complete lists of equipment are available from individual manufacturers.

Single copy price: \$24.00

Obtain an electronic copy from: jrosario@aws.org

Order from: Jennifer Rosario, (800) 443-9353, jrosario@aws.org

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

AWS (American Welding Society)**Revision**

BSR/AWS D14.3/D14.3M-201x, Specification for Welding Earthmoving, Construction, Agricultural, and Ground-Based Material Handling Equipment (revision of ANSI/AWS D14.3/D14.3M-2010)

Provides standards for producing structural welds used in the manufacture and repair of earthmoving, construction, agricultural, and ground-based material handling equipment. Such equipment is defined as self-propelled, on- and off-highway machinery and associated implements. Manufacturer's responsibilities are presented as they relate to the welding practices that have been proven successful within the industry in the production of weldments on this equipment. Requirements for basic weld details, base material, filler material, processes, welding procedure qualification and documentation, welding personnel qualification, weld quality, inspection, and repair are included with consideration given to factors that affect weldability.

Single copy price: \$44.00

Obtain an electronic copy from: jdouglass@aws.org

Order from: John Douglass, (800) 443-9353, jdouglass@aws.org

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

AWWA (American Water Works Association)**Revision**

BSR/AWWA C220-201x, Stainless-Steel Pipe - 1/2 In. (13 mm) and Larger (revision of ANSI/AWWA C220-2012)

This standard pertains to stainless-steel pipe that is seamless, longitudinal-seam, or spiral-seam welded, 1/2 in. (13 mm) in nominal diameter and larger, intended for the transmission and distribution of potable water, wastewater, reclaimed water, and for use in other water-supply system facilities.

Single copy price: \$20.00

Obtain an electronic copy from: vdauid@awwa.org

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

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

CTA (Consumer Technology Association)**Reaffirmation**

BSR/CTA 2038-2012 (R201x), Command-Driven IR-Synchronized Active Eyewear Standard (reaffirmation of ANSI/CTA 2038-2012)

This standard describes a standard for eyewear that is required to view 3D content from displays. This document relates to both active and passive eyewear used in 3D consumer electronic systems in the home. In the case of active glasses, it standardizes interfaces, signaling, setup, control, and polarization.

Single copy price: \$99.00

Obtain an electronic copy from: standards@cta.tech

Order from: Veronica Lancaster, (703) 907-7697, vlancaster@cta.tech

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

HL7 (Health Level Seven)**New Standard**

BSR/V3 GELLO IG CDS MDL, R1-201x, HL7 Version V3 GELLO Implementation Guide: Clinical Decision Support, Model Definition Language for GELLO, Release 1 (new standard)

Models used in decision support need to be accurately specified so that decision logic can be written against a precise model. As models are updated over time and vary between execution contexts, a language is required to define models and extended data types. This grammar defines models for use in the GELLO environment.

Single copy price: Free to members; free to non-members 90 days following ANSI approval and publication by HL7

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org

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

LIA (ASC Z136) (Laser Institute of America)**Revision**

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

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

Single copy price: \$30.00

Obtain an electronic copy from: bsams@lia.org

Order from: Barbara Sams, (407) 380-1553, bsams@lia.org

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

NEMA (ASC C8) (National Electrical Manufacturers Association)**Revision**

BSR/ICEA S-75-381-201x/NEMA WC 58-201x, Portable and Power Feeder Cables for Use in Mines and Similar Applications (revision and redesignation of ANSI ICEA S-75-381-2008/NEMA WC 58-2008)

These standards apply to materials, construction, and testing of insulated cables used for the utilization of electrical energy in surface and underground mines and similar applications. Included are portable cables for use in mining machines, dredges, shovels, and similar equipment, and mine power cables for use as connections between units of mine distribution systems, and remote control and drill cords for mining and similar applications.

Single copy price: \$275.00

Obtain an electronic copy from: Kevin.Connelly@Nema.org

Order from: Kevin Connelly, (703) 841-3299, Kevin.Connelly@Nema.org

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

UL (Underwriters Laboratories, Inc.)**Reaffirmation**

BSR/UL 181-2013 (R201x), Standard for Safety for Factory-Made Air Ducts and Connectors (reaffirmation of ANSI/UL 181-2013)

UL proposes a reaffirmation for UL 181.

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: Griff Edwards, 919 549 -0956, griff.edwards@ul.com

UL (Underwriters Laboratories, Inc.)**Reaffirmation**

BSR/UL 1565-2013 (R201x), Standard for Safety for Positioning Devices (reaffirmation of ANSI/UL 1565-2013)

(1) Reaffirmation and continuance of the fifth edition of the Standard for Positioning Devices, UL 1565, as an American National Standard.

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: Joshua Johnson, (919) 549 -1053, Joshua.Johnson@ul.com

UL (Underwriters Laboratories, Inc.)**Reaffirmation**

BSR/UL 1978-2013 (R201x), Standard for Safety for Grease Ducts (reaffirmation of ANSI/UL 1978-2013)

UL proposes a reaffirmation for UL 1978.

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: Griff Edwards, 919 549 -0956, griff.edwards@ul.com

UL (Underwriters Laboratories, Inc.)**Reaffirmation**

BSR/UL 2158A-2013 (R201x), Standard for Safety for Clothes Dryer Transition Duct (reaffirmation of ANSI/UL 2158A-2013)

UL proposes a reaffirmation for UL 2158A.

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: Griff Edwards, 919 549 -0956, griff.edwards@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 83-201X, Standard for Safety for Thermoplastic-Insulated Wires and Cables (Proposal dated 2/24/17) (revision of ANSI/UL 83-2014)

Proposed new edition of UL 83.

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: Linda Phinney, (510) 319-4297, Linda.L.Phinney@ul.com

VC (ASC Z80) (The Vision Council)

New Standard

BSR Z80.38-201x, Light Hazard from Operation Microscopes Used in Ocular Surgery (new standard)

Specifies requirements and test methods for optical radiation hazards from operation microscopes that are used during ocular surgery.

Single copy price: \$65.00

Obtain an electronic copy from: arobinson@thevisioncouncil.org

Order from: Amber Robinson, (703) 740-1094, arobinson@thevisioncouncil.org

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60335-2-89-201X, Household and Similar Electrical Appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant unit or compressor (national adoption with modifications of IEC 60335-2-89)

The IEC issued the second edition of IEC 60335-2-89 in 2010. It issued Amendment No.1 to this standard in 2012. Therefore, UL is proposing UL 60335-2-89 which incorporates these two documents along with the USA national differences. This International Standard specifies safety requirements for electrically operated commercial refrigerating appliances that have an incorporated compressor or that are supplied in two units for assembly as a single appliance in accordance with the manufacturer's instructions (split system).

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000, 151 Eastern Avenue, Bensenville, IL 60106 USA, 1-888-853-3503

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

Comment Deadline: April 25, 2017

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME MFC-3M-2004 (R201x), Measurement of Fluid Flow in Pipes Using Orifice, Nozzle, and Venturi (reaffirmation of ANSI/ASME MFC-3M-2004)

This Standard specifies the geometry and method of use (installation and flowing conditions) for pressure differential devices (including, but not limited to, orifice plates, nozzles, and venturi tubes) when installed in a closed conduit running full and use to determine the flow-rate of the fluid flowing in the conduit.

Single copy price: \$100.00

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

Send comments (with copy to psa@ansi.org) to: April Amaral, AmaralA@asme.org

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.

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

Office: 1791 Tullie Circle NE
Atlanta, GA 30329

Contact: *Tanisha Meyers-Lisle*

Phone: (678) 539-1111

Fax: (678) 539-2111

E-mail: tmlisle@ashrae.org

BSR/ASHRAE Standard 78-1985 (R201x), Method of Testing Flow Capacity of Suction Line Filters and Filter-Driers (reaffirmation of ANSI/ASHRAE Standard 78-1985 (R2007))

BSR/ASHRAE Standard 97-2007 (R201x), Sealed Glass Tube Method to Test the Chemical Stability of Materials for Use within Refrigerant Systems (reaffirmation of ANSI/ASHRAE Standard 97-2007)

BSR/ASHRAE Standard 190-201X, Method of Testing for Rating Indoor Pool Dehumidifiers (revision of ANSI/ASHRAE Standard 190-2013)

BSR/ASHRAE Standard 198-201X, Method of Test for Rating DX-Dedicated Outdoor Air Systems for Moisture Removal Capacity and Moisture Removal Efficiency (revision of ANSI/ASHRAE Standard 198-2013)

BSR/ASHRAE Standard 206-2013 (R201x), Method of Testing for Rating of Multi-Purpose Heat Pumps for Residential Space Conditioning and Water Heating (reaffirmation of ANSI/ASHRAE Standard 206-2013)

ATIS (Alliance for Telecommunications Industry Solutions)

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

Contact: *Alexandra Blasgen*

Phone: (202) 434-8840

E-mail: ablasgen@atis.org

BSR/ATIS 0600015.04-201x, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting DC Power Plant - Rectifier Requirements (revision of ANSI/ATIS 0600015.04-2016)

AWEA (American Wind Energy Association)

Office: 1501 M Street, NW,
Suite 1000
Washington, DC 20005

Contact: *Michele Mihelic*

Phone: (202) 383-2500

E-mail: mmihelic@awea.org

BSR/AWEA 61400-24-201x, Lightning Protection (identical national adoption of IEC 61400-24 Edition 1)

AWS (American Welding Society)

Office: 8669 NW 36th Street, #130
Miami, Florida 33166-6672

Contact: *Annik Babinski*

Phone: (800) 443-9353

Fax: (305) 443-5951

E-mail: ababinski@aws.org

BSR/AWS C1.4M/C1.4-201x, Specification for Resistance Welding of Carbon and Low-Alloy Steels (revision of ANSI/AWS C1.4M/C1.4-2017)

BSR/AWS J1.1M/J1.1-201x, Specification for Resistance Welding Controls (revision and redesignation of ANSI/AWS J1.1/J1.1M-2013)

CTA (Consumer Technology Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Veronica Lancaster*

Phone: (703) 907-7697

Fax: (703) 907-4197

E-mail: vlancaster@cta.tech

BSR/CTA 2038-2012 (R201x), Command-Driven IR-Synchronized Active Eyewear Standard (reaffirmation of ANSI/CTA 2038-2012)

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

Office: 1101 K Street NW
Suite 610
Washington, DC 20005-3922

Contact: *Rachel Porter*

Phone: (202) 626-5741

Fax: 202-638-4922

E-mail: comments@itic.org

BSR INCITS 556-201x, Fibre Channel - Non-Volatile Memory Express -
2 (FC-NVMe - 2) (new standard)

NSF (NSF International)

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

Contact: *Lauren Panoff*

Phone: (734) 769-5197

E-mail: lpnoff@nsf.org

BSR/NSF 50-201x (i101r1), Equipment for Swimming Pools, Spas, Hot
Tubs and Other Recreational Water Facilities (revision of ANSI/NSF
50-2016)

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1 – Safety Requirements for Woodworking Machinery

Are you interested in contributing to the development and maintenance of valuable industry safety standards? The ASC O1 is currently looking for members in the following categories:

- General Interest
- Government
- Producer
- User

If you are interested in joining the ASC O1, contact WMMA Associate Director Jennifer Miller at jennifer@wmma.org.

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.

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

Addenda

- ANSI/ASHRAE Addendum 62.2L-2017, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2016): 2/2/2017
- ANSI/ASHRAE Addendum 62.2s-2017, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013): 2/2/2017
- ANSI/ASHRAE Addendum 161b-2017, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2013): 2/2/2017
- ANSI/ASHRAE Addendum 161c-2017, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2007): 2/2/2017
- ANSI/ASHRAE Addendum ak to ANSI/ASHRAE Standard 34-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013): 2/2/2017
- ANSI/ASHRAE Addendum al to ANSI/ASHRAE Standard 34-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013): 2/2/2017
- ANSI/ASHRAE Addendum am to ANSI/ASHRAE Standard 34-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013): 2/2/2017
- ANSI/ASHRAE Addendum an to ANSI/ASHRAE Standard 34-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013): 2/2/2017
- ANSI/ASHRAE Addendum d to ANSI/ASHRAE Standard 188-2015, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2015): 2/2/2017
- ANSI/ASHRAE Addendum f to ANSI/ASHRAE Standard 15-2013, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2013): 2/2/2017

Revision

- ANSI/ASHRAE Standard 32.1-2017, Method of Testing for Rating Refrigerated Vending Machines for Sealed Beverages (revision of ANSI/ASHRAE Standard 32.1-2010): 2/2/2017
- ANSI/ASHRAE Standard 120-2017, Method of Testing to Determine Flow Resistance of HVAC Ducts and Fittings (revision of ANSI/ASHRAE Standard 120-2008): 2/1/2017

NSF (NSF International)

Revision

- * ANSI/NSF 50-2017 (i110), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2015): 2/6/2017

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.

AGMA (American Gear Manufacturers Association)

Office: 1001 N Fairfax Street, 5th Floor
Alexandria, VA 22314-1587

Contact: Amir Aboutaleb

E-mail: tech@agma.org

BSR/AGMA ISO 23509-B-201x, Bevel and Hypoid Gear Geometry
(identical national adoption of ISO 23509:2016)

Stakeholders: Users and manufacturers of bevel gears.

Project Need: To replace current adopted version.

This document specifies the geometry of bevel gears. The term, bevel gears, is used to mean straight, spiral, zerol bevel, and hypoid gear designs. If the text pertains to one or more, but not all, of these, the specific forms are identified.

API (American Petroleum Institute)

Office: 1220 L Street NW
Washington, DC 20005

Contact: William Freeman

E-mail: freemanw@api.org

BSR/API Specification 19G1-201x, Side Pocket Mandrels (national adoption with modifications of ISO 17078-1)

Stakeholders: The Petroleum Industry.

Project Need: Provide design specification for side-pocket mandrels used in 17078-1.

Provides requirements for side-pocket mandrels used in the petroleum and natural gas industry. This specification includes specifying, selecting, designing, manufacturing, quality control, testing, and preparation for shipping of side-pocket mandrels.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
St Joseph, MI 49085

Contact: Carla VanGilder

Fax: (269) 429-3852

E-mail: vangilder@asabe.org

* BSR/ASAE S279.18 MONYEAR-201x, Lighting and Marking of
Agricultural Field Equipment on Highways (revision and
redesignation of ANSI/ASAE S279.17-2013)

Stakeholders: Users and manufacturers of animal husbandry
transported on public roadways.

Project Need: Add annex to standard showing requirements of DOT
publisher nation law 49 CFR 562.

Provides specifications for lighting and marking of agricultural
equipment whenever such equipment is operating or is traveling on a
highway.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2920 Niles Rd.
St. Joseph, MI 49085

Contact: Walter Brace

E-mail: brace@asabe.org

* BSR/ASABE S639.1 MONYEAR, Safety Standard for Large Row-Crop
Flail Mowers (revision and redesignation of ANSI/ASABE S639-JUN
-2016)

Stakeholders: North American farmers, manufacturers, operators.

Project Need: Update references and publishing errors.

Correct clause 4.2.3 to reference only ISO 4254-1 clause 4.9.2, and
editorial corrections.

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

Office: 1791 Tullie Circle NE
Atlanta, GA 30329

Contact: Tanisha Meyers-Lisle

Fax: (678) 539-2111

E-mail: tmlisle@ashrae.org

BSR/ASHRAE Standard 190-201X, Method of Testing for Rating
Indoor Pool Dehumidifiers (revision of ANSI/ASHRAE Standard 190
-2013)

Stakeholders: Manufacturers and Testing Laboratories.

Project Need: Standard requires update due to errors in calculations
identified and practical testing methods.

The purpose of this standard is to prescribe test methods for
determining the moisture removal capacity and efficiency, the pool
heating capacity, and sensible and total cooling capacity for indoor pool
dehumidifiers.

BSR/ASHRAE Standard 198-201X, Method of Test for Rating DX-
Dedicated Outdoor Air Systems for Moisture Removal Capacity and
Moisture Removal Efficiency (revision of ANSI/ASHRAE Standard
198-2013)

Stakeholders: Manufacturers and Testing Laboratories.

Project Need: Standard requires update due to errors in calculations
identified and practical testing methods.

This standard prescribes test methods for rating direct exchange
dedicated outdoor air systems (DX-DOAS) units.

ASTM (ASTM International)

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428-2959

Contact: Corice Leonard

Fax: (610) 834-3683

E-mail: accreditation@astm.org

BSR/ASTM WK57787-201x, New Practice for Specimen Preparation of Fenestration Profiles Intended to Support Non-Combustible In-Fill Materials (new standard)

Stakeholders: Surface Burning industry.

Project Need: This practice describes procedures for specimen preparation and mounting when testing fenestration profiles to assess flame spread and smoke development as surface burning characteristics using Test Method E84.

<https://www.astm.org/DATABASE.CART/WORKITEMS/WK57787.htm>

ATIS (Alliance for Telecommunications Industry Solutions)

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

Contact: Alexandra Blasgen

E-mail: ablasgen@atis.org

BSR/ATIS 0600015.04-201x, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting DC Power Plant - Rectifier Requirements (revision of ANSI/ATIS 0600015.04-2016)

Stakeholders: Communications industry.

Project Need: Several corrections to this document are needed.

This document defines how to measure the Telecommunication Energy Efficiency Ratio (TEER) of DC Power Plant Rectifiers. The standard also provides requirements for how equipment vendors shall respond to a TEER request based on a specific application description by making use of relevant data from internal and independent test reports.

AWEA (American Wind Energy Association)

Office: 1501 M Street, NW,
Suite 1000
Washington, DC 20005

Contact: Michele Mihelic

E-mail: mmihelic@awea.org

BSR/AWEA 61400-24-201x, Lightning Protection (identical national adoption of IEC 61400-24 Edition 1)

Stakeholders: Wind energy stakeholders, operators, owners, developers, OEMs, contractors, subcontractors, independent service providers, and all other impacted stakeholders.

Project Need: AWEA intends identical adoption of IEC 61400-24 Edition 1.

This International Standard applies to lightning protection of wind turbine generators and wind power systems. Normative references are made to generic standards for lightning protection, low-voltage systems and high-voltage systems for machinery and installations and electromagnetic compatibility (EMC). This standard defines the lightning environment for wind turbines and application of the environment for risk assessment for the wind turbine. It defines requirements for protection of blades, other structural components and electrical and control systems against both direct and indirect effects of lightning. Test methods to validate compliance are recommended. Guidance on the use of applicable lightning protection, industrial electrical and EMC standards including earthing is provided. Guidance regarding personal safety is provided. Guidelines for damage statistics and reporting are provided.

AWS (American Welding Society)

Office: 8669 NW 36th Street, #130
Miami, Florida 33166-6672

Contact: Annik Babinski

Fax: (305) 443-5951

E-mail: ababinski@aws.org

BSR/AWS C1.4M/C1.4-201x, Specification for Resistance Welding of Carbon and Low-Alloy Steels (revision of ANSI/AWS C1.4M/C1.4-2017)

Stakeholders: Resistance Welding community.

Project Need: This specification establishes welding equipment requirements and welding procedures used to produce welds of acceptable quality in coated and uncoated carbon and low-alloy steels, including mild steels and high strength low alloy (HSLA) steels.

This specification provides the shear strength and weld button diameter requirements for carbon steel and low-alloy steel sheet resistance and projection welds.

BSR/AWS J1.1M/J1.1-201x, Specification for Resistance Welding Controls (revision and redesignation of ANSI/AWS J1.1/J1.1M-2013)

Stakeholders: Manufacturers and users of resistance welding controls to establish standard nomenclature and promote functional consistency and elements of safety.

Project Need: This standard provides nomenclature pertaining to the design, construction, and programming of resistance welding controls. Standard calibration and performance parameters as well as labeling and documentation requirements are also outlined. As there are many available resistance welding control types, configurations, sizes and models, not every part of this standard may apply in every case.

This standard provides nomenclature pertaining to the design, construction, and programming of resistance welding controls. Standard calibration and performance parameters, as well as labeling and documentation requirements, are also outlined. The purpose is to promote standardization, safety, and proper application of resistance welding controls.

DASMA (Door and Access Systems Manufacturers Association)

Office: 1300 Sumner Avenue
Cleveland, OH 44115-2851

Contact: Christopher Johnson

Fax: (216) 241-0105

E-mail: cjohnson@thomasamc.com

* BSR/DASMA 105-201x, Test Method for Thermal Transmittance and Air Infiltration of Garage Doors and Rolling Doors (revision of ANSI/DASMA 105-2014)

Stakeholders: Producer, user, general interest.

Project Need: Revision to information on air leakage testing.

Test method is to measure the thermal characteristics of sectional garage doors and rolling doors under steady state conditions. The measurements and calculations made will yield the steady-state thermal transmittance (U) using a hot box apparatus and the air infiltration rate.

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

Office: 75 North 200 East
Oak Ridge National Laboratory
Richmond, UT 84333

Contact: *Ronald Natali*

E-mail: N14Secretary@gmail.com

BSR N14.1-201x, Uranium Hexafluoride - Packagings for Transport
(revision of ANSI N14.1-2012)

Stakeholders: All organizations that package and transport Uranium Hexafluoride, for example, Department of Energy.

Project Need: Update to current regulatory and industry requirements.

This standard provides criteria for packaging used for transport of uranium hexafluoride (UF6). It includes specific information on design and fabrication requirements for the procurement of new UF6 packaging for transportation of 0.2205 lb (0.1 kg) or more of UF6. This standard also defines the requirements for in-service inspections, cleanliness, and maintenance for packaging in service. Also included are cylinder loadings; shipping requirements; and requirements for valves, plugs, and valve protectors.

ISA (International Society of Automation)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Charles Robinson*

Fax: (919) 549-8288

E-mail: crobinson@isa.org

BSR/ISA 100.11a-201x, Wireless Systems for Industrial Automation:
Process Control and Related Applications (revision of ANSI/ISA
100.11a-2011)

Stakeholders: End users and equipment/system suppliers in the process industries.

Project Need: Update current standard to reflect technology developments.

This standard presents a wireless industrial process automation network to address control, alerting, and monitoring applications plant-wide. The focus is on field devices with the ability to scale to large installations. It addresses wireless infrastructure, interfaces to legacy host applications plus security, and network management requirements in a functionally scalable manner.

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

Office: 1101 K Street NW
Suite 610
Washington, DC 20005-3922

Contact: *Rachel Porter*

Fax: 202-638-4922

E-mail: comments@itic.org

BSR INCITS 556-201x, Fibre Channel - Non-Volatile Memory Express
- 2 (FC-NVMe - 2) (new standard)

Stakeholders: ICT industry.

Project Need: The project provides a compatible evolution of the Fibre Channel – Non-Volatile Memory Express standard.

This project recommends the development of a set of technical additions and clarifications to INCITS 540, Fibre Channel – Non-Volatile Memory Express (FC-NVMe). Included within this scope are: (a) enhancements to the protocol; (b) corrections and clarifications; and (c) any other item as deemed necessary during development.

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Drive
Research Triangle Park, NC 27709

Contact: *Joshua Johnson*

E-mail: Joshua.Johnson@ul.com

BSR/UL 2996-201X, Standard for Safety for In-Ground Boxes (new standard)

Stakeholders: Manufacturers of in-ground boxes.

Project Need: To obtain national recognition of a standard covering In-Ground Boxes, UL 2996, for use in accordance with the National Electrical Code, ANSI/NFPA 70. In-Ground Boxes are intended to provide permanent power in open spaces. The need and desire to utilize commercial outdoor space for more than recreation is on the rise in Corporate, Educational, and Hospitality sectors.

This standard covers in-ground boxes with integral electrical enclosure for housing wiring devices connected to a branch circuit. The unit is intended to be installed outdoors and in the ground. The unit provides access to one or more receptacle outlets and is intended to be installed in accordance with the National Electrical Code, NFPA 70, the NEC. This standard does not cover in-ground boxes for use in hazardous locations as defined in the National Electrical Code, NFPA 70.

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.

AAMI

Association for the Advancement of
Medical Instrumentation (AAMI)
4301 N. Fairfax Dr., Ste 301
Suite 301
Arlington, VA 22203-1633
Phone: (703) 253-8263
Fax: (703) 276-0793
Web: www.aami.org

ABYC

American Boat and Yacht Council
613 Third Street, Suite 10
Annapolis, MD 21403
Phone: (410) 990-4460
Web: www.abycinc.org

AGMA

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

API

American Petroleum Institute
1220 L Street NW
Washington, DC 20005
Phone: (202) 682-8286
Web: www.api.org

ASABE

American Society of Agricultural and
Biological Engineers
2920 Niles Rd.
St. Joseph, MI 49085
Phone: (269) 932-7009
Web: www.asabe.org

ASHRAE

American Society of Heating,
Refrigerating and Air-Conditioning
Engineers, Inc.
1791 Tullie Circle NE
Atlanta, GA 30329
Phone: (678) 539-1111
Fax: (678) 539-2111
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

ASTM

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

ATIS

Alliance for Telecommunications
Industry Solutions
1200 G Street NW
Suite 500
Washington, DC 20005
Phone: (202) 434-8840
Web: www.atis.org

AWEA

American Wind Energy Association
1501 M Street, NW,
Suite 1000
Washington, DC 20005
Phone: (202) 383-2500
Web: www.awea.org

AWS

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

AWWA

American Water Works Association
6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-7603
Web: www.awwa.org

CTA

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

DASMA

Door and Access Systems
Manufacturers Association
1300 Sumner Avenue
Cleveland, OH 44115-2851
Phone: (216) 241-7333
Fax: (216) 241-0105

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

INMM (ASC N14)

Institute of Nuclear Materials
Management
75 North 200 East
Oak Ridge National Laboratory
Richmond, UT 84333
Phone: (435) 258-3730
Web: www.inmm.org

ISA (Organization)

International Society of Automation
67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9213
Fax: (919) 549-8288
Web: www.isa.org

ITI (INCITS)

InterNational Committee for
Information Technology Standards
1101 K Street NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 626-5741
Fax: 202-638-4922
Web: www.incits.org

LIA (ASC Z136)

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

NEMA (ASC C8)

National Electrical Manufacturers
Association
1300 North 17th Street
Rosslyn, VA 22209
Phone: (703) 841-3299
Web: www.nema.org

NSF

NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 769-5197
Web: www.nsf.org

UL

Underwriters Laboratories, Inc.
12 Laboratory Drive
Research Triangle Park, NC 27709
Phone: (919) 549-1053
Web: www.ul.com

VC (ASC Z80)

The Vision Council
225 Reinekers Lane
Suite 700
Alexandria, VA 22314
Phone: (703) 740-1094
Fax: (703) 548-4580
Web: www.z80asc.com



ISO & IEC Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org); those regarding IEC documents should be sent to Tony Zertuche, General Secretary, USNC/IEC, at ANSI's New York offices (tzertuche@ansi.org). The final date for offering comments is listed after each draft.

Ordering Instructions

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

ISO Standards

ACOUSTICS (TC 43)

ISO/DIS 12913-2, Acoustics - Soundscape - Part 2: Data collection and reporting requirements - 5/11/2017, \$102.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO 15002/DAMd1, Flow-metering devices for connection to terminal units of medical gas pipeline systems - Amendment 1 - 3/12/2017, \$29.00

ISO 7396-1/DAMd1, Medical gas pipeline systems - Part 1: Pipeline systems for compressed medical gases and vacuum- Amendment 1 - 3/12/2017, \$29.00

ISO/DIS 10524-1, Pressure regulators for use with medical gases - Part 1: Pressure regulators and pressure regulators with flow-metering devices - 3/12/2017, \$107.00

ISO/DIS 10524-2, Pressure regulators for use with medical gases - Part 2: Manifold and line pressure regulators - 3/12/2017, \$102.00

ISO/DIS 10524-3, Pressure regulators for use with medical gases - Part 3: Pressure regulators integrated with cylinder valves (VIPRs) - 3/12/2017, \$112.00

BUILDING CONSTRUCTION (TC 59)

ISO/DIS 19650-1, Organization of information about construction works - Information management using building information modelling - Part 1: Concepts and principles - 3/12/2017, \$107.00

ISO/DIS 19650-2, Organization of information about construction works - Information management using building information modelling - Part 2: Delivery phase of assets - 3/12/2017, \$112.00

BUILDING CONSTRUCTION MACHINERY AND EQUIPMENT (TC 195)

ISO 13105-2/DAMd1, Building construction machinery and equipment - Machinery for concrete surface floating and finishing - Part 2: Safety requirements and verification - Amendment 1 - 3/10/2017, \$29.00

DENTISTRY (TC 106)

ISO/DIS 10477, Dentistry - Polymer-based crown and veneering materials - 5/10/2017, \$82.00

ISO/DIS 10650, Dentistry - Powered polymerization activators - 5/10/2017, \$58.00

ERGONOMICS (TC 159)

ISO/DIS 9241-220, Ergonomics of human-system interaction - Part 220: Processes for enabling, executing and assessing human-centred design within organizations - 4/15/2017, \$155.00

FERTILIZERS AND SOIL CONDITIONERS (TC 134)

ISO/DIS 20702, Determination of microamount of inorganic anions in fertilizers by ion chromatography - 3/9/2017, \$62.00

FIRE SAFETY (TC 92)

ISO/DIS 19677, Guidelines for assessing the adverse impact of wildland fires on the environment and to people through environmental exposure - 3/8/2017, \$77.00

GAS CYLINDERS (TC 58)

ISO/DIS 5145, Gas cylinders - Cylinder valve outlets for gases and gas mixtures - Selection and dimensioning - 3/9/2017, \$88.00

GEOSYNTHETICS (TC 221)

ISO/DIS 24576, Geosynthetic - Test method for determining the resistance of polymeric geosynthetic barriers to environmental stress cracking - 5/12/2017, \$53.00

HEALTH INFORMATICS (TC 215)

ISO/DIS 13606-1, Health informatics - Electronic health record communication - Part 1: Reference model - 5/10/2017, \$146.00

ISO/DIS 13606-2, Health informatics - Electronic health record communication - Part 2: Archetype interchange specification - 5/10/2017, \$146.00

ISO/DIS 13606-3, Health informatics - Electronic health record communication - Part 3: Reference archetypes and term lists - 5/10/2017, \$175.00

ISO/DIS 13606-4, Health informatics - Electronic health record communication - Part 4: Security - 5/10/2017, \$98.00

ISO/DIS 13606-5, Health informatics - Electronic health record communication - Part 5: Interface specification - 5/10/2017, \$71.00

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 14607, Non-active surgical implants - Mammary implants - Particular requirements - 5/10/2017, \$112.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 16300-3, Automation systems and integration - Interoperability of capability units for manufacturing application solutions - Part 3: Verification and validation of interoperability among capability units - 3/10/2017, \$88.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO/DIS 20247, Information and documentation - International library item identifier (ILII) - 5/5/2017, \$33.00

MECHANICAL TESTING OF METALS (TC 164)

ISO/DIS 10113, Metallic materials - Sheet and strip - Determination of plastic strain ratio - 5/10/2017, \$93.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 18195, Method for the justification of fire partitioning in water cooled NPP - 5/11/2017, \$146.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 14889/DAmD1, Ophthalmic optics - Spectacle lenses - Fundamental requirements for uncut finished lenses - Amendment 1 - 3/10/2017, \$40.00

PAINTS AND VARNISHES (TC 35)

ISO/DIS 20266, Paints and varnishes - Determination of image clarity (degree of sharpness of reflected or transmitted image) - 5/10/2017, \$67.00

ISO/DIS 12944-6, Paints and varnishes - Corrosion protection of steel structures by protective coating systems - Part 6: Laboratory performance test methods - 5/10/2017, \$62.00

PLASTICS (TC 61)

ISO/DIS 4586-1, High-pressure decorative laminates (HPL, HPDL) - Sheets based on thermosetting resins (Usually called Laminates) - Part 1: Introduction and general information - 3/12/2017, \$40.00

ISO/DIS 4586-2, High-pressure decorative laminates (HPL, HPDL) - Sheets based on thermosetting resins (Usually called Laminates) - Part 2: Determination of properties - 3/12/2017, \$155.00

ISO/DIS 4586-3, High-pressure decorative laminates (HPL, HPDL) - Sheets based on thermosetting resins (Usually called Laminates) - Part 3: Classification and specifications for laminates less than 2 mm thick and intended for bonding to supporting substrates - 3/12/2017, \$62.00

ISO/DIS 4586-4, High-pressure decorative laminates (HPL, HPDL) - Sheets based on thermosetting resins (Usually called Laminates) - Part 4: Classification and specifications for compact laminates of thickness 2 mm and greater - 3/12/2017, \$58.00

ISO/DIS 4586-5, High-pressure decorative laminates (HPL, HPDL) - Sheets based on thermosetting resins (Usually called Laminates) - Part 5: Classification and specifications for flooring grade laminates less than 2 mm thick intended for bonding to supporting substrates - 3/12/2017, \$46.00

ISO/DIS 4586-6, High-pressure decorative laminates (HPL, HPDL) - Sheets based on thermosetting resins (Usually called Laminates) - Part 6: Classification and specifications for exterior-grade compact laminates of thickness 2 mm and greater - 3/12/2017, \$53.00

ISO/DIS 4586-7, High-pressure decorative laminates (HPL, HPDL) - Sheets based on thermosetting resins (Usually called Laminates) - Part 7: Classification and specifications for design laminates - 3/12/2017, \$82.00

ISO/DIS 4586-8, High-pressure decorative laminates (HPL, HPDL) - Sheets based on thermosetting resins (Usually called Laminates) - Part 8: Classification and specifications for alternative core laminates - 3/12/2017, \$67.00

PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)

ISO/DIS 5288, Synchronous belt drives - Vocabulary - 4/6/2017, \$67.00

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

ISO/DIS 80000-1, Quantities and units - Part 1: General - 5/8/2017, \$112.00

RISK MANAGEMENT (TC 262)

ISO/DIS 31000, Risk management - Guidelines - 3/12/2017, \$71.00

ROAD VEHICLES (TC 22)

ISO/DIS 17840-4, Road vehicles - Information for first and second responders - Part 4: Propulsion energy identification - 5/6/2017, \$53.00

ROLLING BEARINGS (TC 4)

ISO/DIS 3096, Rolling bearings - Needle rollers - Boundary dimensions, geometrical product specifications (GPS) and tolerance values - 3/10/2017, \$53.00

ISO/DIS 7063, Rolling bearings - Needle roller bearing track rollers - Boundary dimensions, geometrical product specifications (GPS) and tolerance values - 3/10/2017, \$58.00

SOLAR ENERGY (TC 180)

ISO/DIS 9060, Solar energy - Specification and classification of instruments for measuring hemispherical solar and direct solar radiation - 5/10/2017, \$82.00

SOLID MINERAL FUELS (TC 27)

ISO/DIS 20336, Solid mineral fuels - Determination of total sulfur by Coulomb titration method - 5/10/2017, \$46.00

STEEL AND ALUMINIUM STRUCTURES (TC 167)

ISO/DIS 17607, Steel structures - Execution of structural steelwork - 5/10/2017, \$203.00

TIMBER STRUCTURES (TC 165)

ISO/DIS 16696-1, Timber structures - Cross laminated timber - Part 1: Component performance and production requirements - 5/10/2017, \$82.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO 4387/DAmD2, Cigarettes - Determination of total and nicotine-free dry particulate matter using a routine analytical smoking machine - Amendment 2 - 3/10/2017, \$29.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 13772, Forestry machinery - Portable chain-saws - Non-manually actuated chain brake performance - 5/10/2017, \$53.00

TYRES, RIMS AND VALVES (TC 31)

ISO/DIS 19940, Tyre stiffness index testing procedure for passenger extended mobility and run flat tyres - 3/9/2017, \$53.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 17677-1, Resistance welding - Vocabulary - Part 1: Spot, projection and seam welding - 5/10/2017, \$98.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 13818-1/DAMd9, Signalling of Transport profiles, signaling MVC stereo view association and MIME type registration - 11/4/2001, \$58.00

ISO/IEC 23008-2/DAMd2, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 2: High efficiency video coding - Amendment 2: Multiview extensions - 11/12/2015, \$53.00

ISO/IEC 14496-15/DAMd1, Information technology - Coding of audio-visual objects - Part 15: Carriage of network abstraction layer (NAL) unit structured video in ISO base media file format - Amendment 1: Handling of unspecified NAL unit types and other improvements - 5/11/2017, \$40.00

ISO/IEC DIS 19987, Information technology - EPC Information services - Specification - 3/10/2017, \$175.00

ISO/IEC DIS 19988, Information technology - GS1 Core Business Vocabulary (CBV) - 3/10/2017, \$134.00

ISO/IEC DIS 14763-4, Information technology - Implementation and operation of customer premises cabling - Part 4: Measurement of end-to-end (E2E)-Links - 5/10/2017, \$53.00

ISO/IEC DIS 19784-1, Information technology - Biometric application programming interface - Part 1: BioAPI specification - 5/12/2017, \$230.00

ISO/IEC DIS 24748-1, Systems and software engineering - Life cycle management - Part 1: Guidelines for life cycle management - 3/9/2017, \$134.00

IEC Standards

9/2243/CDV, IEC 62973-1 ED1: Railway applications - Batteries for auxiliary power supply systems - Part 1: General requirements, 017/5/5/

11/253/CD, IEC 61897 ED2: Overhead lines - Requirements and tests for Aeolian vibration dampers, 017/5/5/

11/254/CD, IEC 61854 ED2: Overhead lines - Requirements and tests for spacers, 017/5/5/

20/1708A/FDIS, IEC 62895 ED1: High Voltage Direct Current (HVDC) power transmission cables with extruded insulation and their accessories for rated voltages up to 320 kV for land applications - Test methods and requirements, 2017/3/24

20/1709/CD, IEC 60811-501/AMD1 ED1: Amendment 1 - Electric and optical fibre cables - Test methods for non-metallic materials - Part 501: Mechanical tests - Tests for determining the mechanical properties of insulating and sheathing compounds, 017/4/7/

23B/1242/FDIS, IEC 60884-2-5 ED2: Plugs and socket-outlets for household and similar purposes - Part 2-5: Particular requirements for adaptors, 2017/3/24

34B/1894/FDIS, IEC 60061-1/AMD56 ED3: Amendment 56 - Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamps Caps, 2017/3/24

34B/1895/FDIS, IEC 60061-2/AMD52 ED3: Amendment 52 - Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Holders, 2017/3/24

34B/1896/FDIS, IEC 60061-3/AMD53 ED3: Amendment 53 - Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges, 2017/3/24

34B/1897/FDIS, IEC 60061-4/AMD15 ED1: Amendment 15 - Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 4: Guidelines and general information, 2017/3/24

48B/2554/FDIS, IEC 61076-3-122 ED1: Connectors for electronic equipment - Product requirements - Part 3-122: Detail specification for 8-way, shielded, free and fixed connectors for I/O and Gigabit Ethernet applications in harsh environments, 2017/3/24

48B/2556/CD, IEC 60512-1 ED5: Connectors for electronic equipment - Tests and measurements - Part 1: General, 017/4/7/

48B/2559/CD, IEC 60512-23-3 ED2: Electromechanical components for electronic equipment - Basic testing procedures and measuring methods - Part 23-3: Test 23c: Shielding effectiveness of connectors and accessories, 017/5/5/

55/1602/FDIS, IEC 60317-70 ED1: Specifications for particular types of winding wires - Part 70: Polyester glass-fibre wound fused, unvarnished or resin or varnish impregnated, bare or enamelled round copper wire, temperature index 155, 2017/3/24

55/1603/FDIS, IEC 60317-71 ED1: Specifications for particular types of winding wires - Part 71: Polyester glass-fibre wound fused and resin or varnish impregnated, bare or enamelled round copper wire, temperature index 180, 2017/3/24

55/1604/FDIS, IEC 60317-72 ED1: Specifications for particular types of winding wires - Part 72: Polyester glass-fibre wound fused, silicone resin or varnish impregnated, bare or enamelled round copper wire, temperature index 200, 2017/3/24

55/1601/FDIS, IEC 60317-0-10 ED1: Specifications for particular types of winding wires - Part 0-10: General requirements - Polyester glass-fibre wound fused, unvarnished, or resin or varnish impregnated, bare or enamelled round copper wire, 2017/3/24

56/1728/CD, IEC 62960 ED1: Dependability reviews during the life cycle, 017/4/7/

61/5364/FDIS, IEC 60335-2-50/AMD2 ED4: Amendment 2 - Household and similar electrical appliances - Safety - Part 2-50: Particular requirements for commercial electric bains-marie, 2017/3/24

61/5366/FDIS, IEC 60335-2-99/AMD1 ED1: Amendment 1 - Household and similar electrical appliances - Safety - Part 2-99: Particular requirements for commercial electric hoods, 2017/3/24

61/5363/FDIS, IEC 60335-2-49/AMD2 ED4: Amendment 2 - Household and similar electrical appliances - Safety - Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm, 2017/3/24

61/5365/FDIS, IEC 60335-2-64/AMD2 ED3: Amendment 2 - Household and similar electrical appliances - Safety - Part 2-64: Particular requirements for commercial electric kitchen machines, 2017/3/24

62B/1040/FDIS, IEC 60601-2-28 ED3: Medical electrical equipment - Part 2-28: Particular requirements for the basic safety and essential performance of X-ray tube assemblies for medical diagnosis, 2017/3/24

62B/1041/NP, PNW 62B-1041: Evaluation and Routine Testing in Medical Imaging Departments - Part 3-6 Acceptance and Constancy tests - Imaging performance of Mammographic Tomosynthesis mode of operation of Mammographic X-Ray Equipment, 017/5/5/

62C/683A/CD, IEC TR 62926 ED1: Medical electrical system - Recommendations for safe integration and operation of adaptive external-beam radiotherapy system for intra-fractionally moving target volumes, 2017/3/31

- 69/495/CD, IEC 61851-23-1 ED1: Electric vehicle conductive charging system - Part 23-1: DC Charging with an automatic connection system, 017/5/5/
- 79/570/CDV, IEC 62676-5 ED1: Video surveillance systems for use in security applications - Part 5: Data specifications and image quality performance for camera devices, 017/5/5/
- 82/1252/DC, Proposed revision of IEC 62446-1:2016 Ed.1, Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 1: Grid connected systems - Documentation, commissioning tests and inspection, 017/4/7/
- 82/1253/NP, PNW TS 82-1253: Photovoltaic systems - Power conditioners - Part X: Energy evaluation method, 017/5/5/
- 82/1232/CDV, IEC 62892-1 ED1: Testing of PV modules to differentiate performance in multiple climates and applications - Part 1: Requirements for testing, 017/5/5/
- 87/650/FDIS, IEC 61391-1/AMD1 ED1: Amendment 1 - Ultrasonics - Pulse-echo scanners - Part 1: Techniques for calibrating spatial measurement systems and measurement of point-spread function response, 2017/3/24
- 91/1419/CDV, IEC 61760-4/AMD1 ED1: Surface mounting technology - Part 4: Classification, packaging, labelling and handling of moisture sensitive devices, 017/5/5/
- 107/298/DTR, IEC TR 62396-6 ED1: Process management for avionics - Atmospheric radiation effects - Part 6: Extreme space weather and potential impact on the avionics environment and electronics, 017/4/7/
- 116/316/FDIS, IEC 62841-2-21 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-21: Particular requirements for hand-held drain cleaners, 2017/3/24



Newly Published ISO Standards

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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 15774:2017, Animal and vegetable fats and oils - Determination of cadmium content by direct graphite furnace atomic absorption spectrometry, \$45.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 11218:2017, Aerospace - Cleanliness classification for hydraulic fluids, \$45.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO 16355-2:2017, Applications of statistical and related methods to new technology and product development process - Part 2: Non-quantitative approaches for the acquisition of voice of customer and voice of stakeholder, \$185.00

ISO 16355-4:2017, Applications of statistical and related methods to new technology and product development process - Part 4: Analysis of non-quantitative and quantitative Voice of Customer and Voice of Stakeholder, \$138.00

ISO 16355-5:2017, Applications of statistical and related methods to new technology and product development process - Part 5: Solution strategy, \$232.00

CRYOGENIC VESSELS (TC 220)

ISO 20421-2:2017, Cryogenic vessels - Large transportable vacuum-insulated vessels - Part 2: Operational requirements, \$103.00

FINE CERAMICS (TC 206)

ISO 19618:2017, Fine ceramics (advanced ceramics, advanced technical ceramics) - Measurement method for normal spectral emissivity using blackbody reference with an FTIR spectrometer, \$103.00

FLUID POWER SYSTEMS (TC 131)

ISO 12151-1/Amd1:2017, Connections for hydraulic fluid power and general use - Hose fittings - Part 1: Hose fittings with ISO 8434-3 O-ring face seal ends - Amendment 1, \$19.00

HEALTH INFORMATICS (TC 215)

ISO 21298:2017, Health informatics - Functional and structural roles, \$162.00

QUALITY MANAGEMENT AND CORRESPONDING GENERAL ASPECTS FOR MEDICAL DEVICES (TC 210)

IEC 80369-5/Cor1:2017, Small-bore connectors for liquids and gases in healthcare applications -- Part 5: Connectors for limb cuff inflation applications - Corrigendum, FREE

ROLLING BEARINGS (TC 4)

ISO 14728-1:2017, Rolling bearings - Linear motion rolling bearings - Part 1: Dynamic load ratings and rating life, \$103.00

ISO 14728-2:2017, Rolling bearings - Linear motion rolling bearings - Part 2: Static load ratings, \$68.00

SOIL QUALITY (TC 190)

ISO 14869-3:2017, Soil quality - Dissolution for the determination of total element content - Part 3: Dissolution with hydrofluoric, hydrochloric and nitric acids using pressurised microwave technique, \$68.00

STEEL (TC 17)

ISO 4885:2017, Ferrous materials - Heat treatments - Vocabulary, \$45.00

ISO 16120-2:2017, Non-alloy steel wire rod for conversion to wire - Part 2: Specific requirements for general purpose wire rod, \$68.00

ISO Technical Reports

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO/TR 16355-8:2017, Applications of statistical and related methods to new technology and product development process - Part 8: Guidelines for commercialization and life cycle, \$209.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14776-262:2017, Information technology - Small computer system interface (SCSI) - Part 262: SAS protocol layer - 2 (SPL-2), \$232.00

ISO/IEC Guides

OTHER

ISO/IEC Guide 46:2017, Comparative testing of consumer products and related services - General principles, \$45.00

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

Call for Members

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 oversight of its 40+ Technical Committees. Additionally, the INCITS Executive Board has the international leadership role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

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, contact Jennifer Garner at jgarner@itic.org or visit <http://www.incits.org/participation/membership-info> for more information.

Membership in all interest categories is always welcome; however, the INCITS Executive Board seeks to broaden its membership base in the following categories:

- Service Providers
- Users
- Standards Development Organizations and Consortia
- Academic Institutions

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Approval of Reaccreditations

CPLSO

The reaccreditation of CPLSO, an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under CPLSO's recently revised operating procedures for documenting consensus on CPLSO-sponsored American National Standards, effective February 13, 2017. CPLSO's scope of accreditation has been revised as follows and is provided here for informational purposes: "Crane, high-voltage, products and work practices when working near high-voltage power lines."

For additional information, please contact: Dr. Hugh Pratt, CPLSO, The Marchioness Building, Commercial Road, Bristol BS16TG, UK BS1 6TG; phone: +44 78 796-2989; e-mail: pratt.hugh@cplso.org.

MHI – The Industry That Makes Supply Chains Work

The reaccreditation of MHI – The Industry That Makes Supply Chains Work, an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under its recently revised operating procedures for documenting consensus on MHI-sponsored American National Standards, effective February 17, 2017. For additional information, please contact: Mr. Patrick Davison, Director, Standards, MHI, 8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217; phone: 704.676.1190; e-mail: pdavison@mhi.org.

ANSI Accreditation Program for Third Party Product Certification Agencies

Voluntary Withdrawal of Application for Initial
Accreditation – SQF Code 7.1 Edition, July 1, 2013

Infinity Certification Services

Comment Deadline: March 27, 2017

Debra Abbott
Certification Director – Headquarters
Infinity Certification Services
P.O. Box 2901
Apache Junction, AZ 85117

On February 1st, 2017, Infinity Certification Services (INF) voluntarily withdrew their application for ANSI Initial Accreditation of the following scopes:

SCOPE(S)

Safe Quality Food Institute (SQFI) – SQF Code 7.1 Edition, July 1, 2013

- Module 02: SQF System elements
- Module 03: Animal Feed Safety Fundamentals GMP for Compound Feed Production
- Module 04: Pet food Safety Fundamentals GMP for Processing of Pet Food Products
- Module 09: Food Safety Fundamentals GMP for preprocessing of animal products
- Module 10: Food Safety Fundamentals GMP for preprocessing of plant products
- Module 11: Food Safety Fundamentals GMP for processing of food products
- Module 12: Food Safety Fundamentals GDP for transport and distribution of food Products
- Module 13: Food Safety Fundamentals GMP for production of food packaging
- Module 16: Requirements for SQF Multi-site Programs Managed by a Central Site

Please send your comments by March 27, 2017 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, Director, 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.

Voluntary Withdrawal

UL Verification Services, Inc.

Comment Deadline: March 27, 2017

Mr. Mark Walker
Regulatory Services Regional Manager
UL Verification Services, Inc.
47173 Benicia Street
Fremont, CA 94538
Phone: 919-549-1557
Fax: 919-522-8065
E-mail: Mark.J.Walker@ul.com
Web: www.ul.com

On February 6, 2017, UL Verification Services, Inc., an ANSI-accredited certification body, voluntarily withdrew from the following certification scheme(s) and scopes:

LISTING OF CERTIFICATION SCHEME(S)

- Info-communications Media Development Authority (IMDA) of Singapore Scheme for Recognizing Foreign Testing Laboratories and Certification Bodies for Conformity Assessment of Telecommunication Equipment - IMDA MRA REC Scheme

SCOPE OF ACCREDITATION

- Technical Specification for Amateur Radio Equipment
IMDA TS AR
- Technical Specifications for Radio-Communication Equipment
IMDA TS CBS
IMDA TS CMT
IMDA TS CT-CTS
IMDA TS LMR
IMDA TS RPG
IMDA TS SRD
IMDA TS UWB
IMDA TS WBA

Please send your comments by March 27, 2017 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, Director, 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.

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 147/SC 5 – Biological methods

ANSI has been informed that ASTM International, the ANSI-accredited U.S. TAG Administrator for ISO/TC 147, wishes to drop their membership in ISO/TC 147/SC 5.

ISO/TC 147/SC 5 operates under the following scope:

- Development of standards in the field of Biological methods within the scope of ISO/TC 147:
- Standardization in the field of water quality, including definition of terms, sampling of waters, measurement and reporting of water characteristics.

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

Guideline for Inclusive Service - Identifying and Responding to Consumers in Vulnerable Situations

Comment Deadline: Friday, April 7, 2017

ISO's policy committee on consumer issues, ISO COPOLCO, working with BSI, the ISO member from the United Kingdom, has submitted to ISO the attached proposal for a new work item proposal for the development of an ISO standard on Guideline for inclusive service - identifying and responding to consumers in vulnerable situations, with the following scope statement:

To provide guidance to all organizations on how to identify consumers in vulnerable situations and how to develop, implement and maintain policies and procedures for the organization to deal with vulnerable consumers.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 7, 2017.

Meeting Notices

US TAG for TC262 / ISO 31000 – Risk Management

The American Society of Safety Engineers (ASSE) serves as the secretariat of the US TAG for TC262 ISO 31000 Risk Management.

The next meeting of the US TAG for TC262 ISO 31000 will be a face to face meeting on March 23-24, 2017 at ASSE Headquarters in Park Ridge, Illinois. Those interested in participating can contact ASSE for additional information at LBauerschmidt@asse.org.

Z9 ASC

The American Society of Safety Engineers (ASSE) serves as the secretariat of the ANSI Accredited Z9 Committee (Z9 ASC) for Health and Safety Standards for Ventilation Systems.

The next meeting of the Z9 ASC will be via a webinar scheduled for Wednesday, March 29, 2017 from 2:00 PM to 4:00 PM Central. Those interested in participating can contact ASSE for additional information at OMunteanu@asse.org.

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 106/SC 8 – *Dental implants*

Reply Deadline: March 31, 2017

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 106/SC 8 – *Dental implants*. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 106/SC 8 to the American Dental Association (ADA). ADA has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 106/SC 8 operates under the following scope:

Development of standards in the field of Dental implants within the scope of ISO/TC 106:

Standardization in oral health care including:

- o *terms and definitions;*
- o *performance, safety, and specification requirements of dental products; and*
- o *clinically relevant laboratory test methods, all of which contribute to improved global health.*

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 106/SC 8. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

1. The affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the Secretariat;
2. the affected technical sector, organizations or companies desiring that the U.S. hold the Secretariat request that ANSI perform this function;
3. the relevant U.S. TAG has been consulted with regard to ANSI's potential role as Secretariat; and
4. ANSI is able to fulfill the requirements of a Secretariat.

If no U.S. organization steps forward to assume the ISO/TC 106/SC 8 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by March 31, 2017, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

Information concerning the United States retaining the role of international Secretariat may be obtained by contacting ANSI's ISO Team (isot@ansi.org).

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by a NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

NSF/ANSI 50 – 2016 Equipment for Swimming Pools, Spas, Hot Tubs and other Recreational Water Facilities

-
-
-

Annex H (normative)

Test methods for the evaluation of process equipment

-
-
-

~~H.4.9~~ **Quality control**

~~H.4.9.1~~ **Minimum requirements**

~~Each laboratory that uses this method shall be required to operate a formal quality assurance (QA) program. The minimum requirements of this program shall consist of an initial demonstration of laboratory capability, analysis of spiked samples to evaluate and document data quality, and analysis of blanks as tests of continued performance. Laboratory performance shall be compared to established performance criteria to determine if the results of analyses meet the performance characteristics of the method.~~

~~**H.4.9.1.1** — In recognition of advances that are occurring in analytical technology, certain options shall be permitted to improve detection or lower the costs of measurements, provided that all quality control acceptance criteria are met. If an analytical technique other than the techniques specified in this method is used, that technique shall have a specificity equal to or better than the specificity of the techniques in this method for *Cryptosporidium parvum* in the sample of interest. Specificity shall be defined as producing results that are equivalent to the results produced by this method for *Cryptosporidium parvum* in drinking water and that meet the entire quality control (QC) acceptance criteria stated in this method.~~

~~**H.4.9.1.1.2** — Each time a modification is made to this method, the analyst shall repeat the initial demonstration of laboratory capability test in H.3.9.3.1 to demonstrate that the modification produces results equivalent or superior to results produced by this method.~~

~~**H.4.9.1.1.2** — The laboratory shall maintain records of modifications made to this method.~~

~~**H.4.9.1.2** — The laboratory shall, on an ongoing basis, demonstrate through analysis of the effluent matrix spike sample (see H.3.9.6) that the analysis system is in control.~~

~~**H.4.9.1.3** — The laboratory shall maintain records to define the quality of data that is generated.~~

~~H.4.9.2~~ **Micropipette calibration**

~~**H.4.9.2.1** — Micropipettes shall be sent to the manufacturer for calibration annually. Alternatively, a qualified independent technician specializing in micropipette calibration shall be used. Documentation on the precision of the recalibrated micropipette shall be obtained from the manufacturer or technician.~~

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by a NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

~~H.4.9.2.2~~ Internal and external calibration records shall be kept on file in the laboratory's QA logbook.

~~H.4.9.2.3~~ If a micropipette calibration problem is suspected, the laboratory shall tare an empty weighing boat on the analytical balance and pipette the following volumes of reagent water into the weigh boat using the pipette in question: 100% of the maximum dispensing capacity of the micropipette, 50% of the capacity, and 10% of the capacity. If the weight of the water records within 1% of the desired weight (mL), the pipette shall be acceptable for use.

~~H.4.9.2.4~~ If the weight of the reagent water is outside the acceptable limits, the manufacturer's instruction manual troubleshooting section shall be consulted and the steps described in H.4.9.2.3 shall be repeated. If problems with the pipette persist, the laboratory shall send the pipette to the manufacturer for recalibration.

*Reason: The Ozone task group recommended these parameters be removed.
Renumbering following this section will occur prior to publication.*

-
-
-

BSR/UL 60079-26, Standard for Safety for Explosive Atmospheres – Part 26: Equipment with Equipment Protection Level (EPL) Ga

1. This proposal provides revisions to the proposal document dated August 19, 2016 for the Adoption of IEC 60079-26 Explosive Atmospheres - Part 26: Equipment with Equipment Protection Level (EPL) Ga (third edition issued by IEC October 2014) as a new UL IEC-based UL standard, UL 60079-26 to the applicable requirements per comments received.

PROPOSAL

2DV DR Modification of Clause 2 references to replace with the following:

ANSI/IEC 60529, Degrees of protection provided by enclosure (IP Code)

IEC 60079-0, Explosive atmospheres—Part 0: Equipment—General requirements

IEC 60079-1, Explosive atmospheres—Part 1: Equipment protection by flameproof enclosures "d"

IEC 60079-11, Explosive atmospheres—Part 11: Equipment protection by intrinsic safety "i"

IEC 60695-11-10, Fire hazard testing – Part 11-10: Test flames – 50 W horizontal and vertical flame test methods

IEC 60529, Degrees of protection provided by enclosures (IP Code)

ISA 60079-0 (12.00.01), Explosive atmospheres – Part 0: Equipment – General requirements

ISA 60079-1 (12.22.01), Explosive atmospheres – Part 1: Equipment protection by flameproof enclosures "d"

ISA 60079-11 (12.02.01), Explosive atmospheres – Part 11: Equipment protection by intrinsic safety "i"

NFPA 70, National Electrical Code

UL 60079-0 Explosive atmospheres - Part 0: Equipment - General requirements

UL 60079-1 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"

UL 60079-11 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"

UL 94 Tests for Flammability of Plastic Materials for Parts in Devices and Appliances

4.1.3.2DV DR Modification of Clause 4.1.3.2 to replace with the following:

Partition walls shall be constructed of either:

a) ~~corrosion-resistant metals, glass or ceramics,~~

b) ~~other materials which can be verified to provide the same level of safety. In this case, the certificate number shall include the "X" suffix in accordance with the marking requirements of IEC 60079-0.~~

If the wall thickness is less than 1 mm, the certificate number shall include the "X" suffix in accordance with the marking requirements of IEC 60079-0 and the Specific Conditions of Use listed on the certificate shall indicate that the UL 60079-0 to indicate there are specific conditions of use. The specific condition for safe use shall require that the material shall not be subject to environmental conditions which might adversely affect the partition wall.

If the partition wall is under constant vibrational stress (for example vibrating membranes), the minimum endurance limit at maximum amplitude shall be defined in the documentation (see Clause 7). Due to specified process pressure, loads or temperature, the separation element shall not impair the Type of Protection.

A wall thickness less than 1 mm is only permitted in combination with intrinsic safety "ib", or a flameproof joint or natural ventilation (see 4.1.3.3). For glass or ceramics, a minimum thickness of 1/10 of the diameter/maximum dimension but not less than 1 mm is required.

In addition to the requirements of 4.1.3.1 to 4.1.3.3, metallic partition walls with a thickness ≥ 1 mm may be provided with suitable conductor bushings (see Figure 1).

To avoid a critical concentration of explosive gas atmosphere diffusing from the area requiring EPL Ga into the enclosure containing the electrical circuits, the leakage rate through the bushing shall be low compared to the leakage rate from the enclosure into the free atmosphere. For example this could be done using a standard enclosure with an IP67 rating according to ~~IEC 60529~~ ANSI/IEC 60529, a bushing with a leakage rate equivalent to a helium-leakage rate less than 10^{-2} Paxl/s (10^{-4} mbar x l/s) at a pressure difference of 10^5 Pa (1 bar). This can be achieved, for example, by using a glass or ceramic bushing as shown in Figure 1.

4.1.3.4DV DR Modification of Clause 4.1.3.4 to replace with the following:

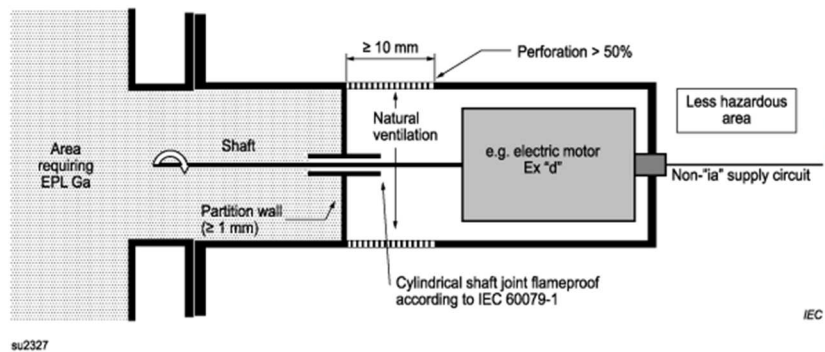
Joints supplementing partition walls shall comply with either:

a) ~~the requirements in IEC 60079-1~~ UL 60079-1; to determine the joint characteristics, the free volume of the enclosure containing the electrical circuits shall be considered; or

b) a construction, where the same level of safety as for a) can be demonstrated.

NOTE For example, a cylindrical PTFE-bushing pressed form-fit into a metallic enclosure at a length ≥ 40 mm. A permanently compressed joint with a length of at least 17 mm is also suitable (for example using a conical PTFE-bushing compressed by a spring).

Non-metallic components in separation elements shall meet the requirements of IEC 60695-11-10 or UL 94, flammability category V-0 and have a chemical resistivity equivalent, for example to that of glass, ceramics, non-regenerated PTFE or epoxy resin for petrochemical applications.



^a Required for sufficient ventilation.

NOTE The cylindrical shaft joint inside the partition wall as shown in Figure 2 is not a supplementing joint as referred to in 4.1.3.4.

Figure 2 - Example of a separation element with a cylindrical shaft joint and natural ventilation

Figure 2DV DR Modification of Figure 2 as follows:

Replace "Area requiring EPL Ga" with "Area requiring Zone 0", Ex "d" with Ex "db", and "IEC 60079-1" with "UL 60079-1".

6.2DV DR Modification of Clause 6.2 to replace with the following:

~~a) Equipment protected by two Types of Protection which is intended to be completely installed inside the area requiring EPL Ga for example:~~

~~Ex d+e IIB T4 Ga~~

b) Equipment which is installed in the boundary wall between an area requiring EPL Ga and the less hazardous area, both EPLs are marked on the label separated by a slash “/”, for example:

~~Ex d IIC T6 Ga/Gb~~ Class I Zone 0/1 AEx d IIC T6 Ga/Gb

or

~~Ex ia/d IIC T6 Ga/Gb~~ Class I Zone 0/1 AEx ia/d IIC T6 Ga/Gb

NOTE 1 Intrinsic safety “ia” equipment providing EPL Ga with a flameproof “d” compartment providing EPL Gb.

or

~~Ex d+e / d IIB T4 Ga/Gb~~

NOTE 2 ~~Two independent Types of Protection flameproof “d” and increased safety “e” providing EPL Ga with a flameproof “d” compartment providing EPL Gb.~~

or

~~Ex ia IIC T4 / Ex d IIB T6 Ga/Gb~~ Class I Zone 0 AEx ia IIC T4 Ga/ Class I Zone 0/1 AEx d IIC T6 Ga/Gb

NOTE 3 An intrinsically safe sensor providing EPL Ga suitable for Group IIC and having a temperature class T4 and a flameproof compartment providing EPL Gb suitable for Group IIB, having a temperature class T6.

7.1DV DR Modification of Clause 7.1 to replace with the following:

For equipment according to 4.1.3 the instructions according to ~~IEC 60079-0~~ UL 60079-0 shall additionally specify the following details, to enable the user to confirm its suitability for the particular application:

- the material of the partition wall;

- if the wall thickness is less than 1 mm, the instructions shall indicate that the material shall not be subject to environmental conditions which might adversely affect the partition wall;

- if the partition wall is under constant vibrational stress (for example vibrating membranes), the minimum endurance limit at maximum amplitude;
- for partition walls according to 4.1.3.2 b): the material and its mechanical and thermal properties;
- for separation elements according to 0: the material of non metallic components in the separation element and its mechanical and thermal stress limits ;
- for separation elements according to 4.1.3.5 to avoid obstruction of the natural ventilation e.g. by presence of dust.

UL copyrighted material. Not authorized for further reproduction without prior permission from UL.

BSR/UL 539, Standard for Safety for Single and Multiple Station Heat Alarms**1. Alternative Paintbrush Marking for "Do Not Paint" Requirement****PROPOSAL**

61.1 Except as indicated in 61.5, a heat alarm shall be clearly and permanently marked where it will be visible after installation with the following information. Unless the letter height is specified all markings shall be at least 3/64 inch (1.2 mm). Removal of a unit from an installed position by removing not more than one screw to view the marking is considered as complying with the requirement regarding visibility after installation. See 61.2.

- a) Name or identifying symbol and the address of manufacturer or private labeler.
- b) Model number; and serial number or date code, or equivalent.
- c) Temperature rating of the fire alarm device.
- d) Spacing rating.
- e) The statement: "Do Not Paint", and/or the symbol indicated below or equivalent to warn against painting of the temperature sensitive element and the markings. The letters shall be minimum 1/8 inch (3.2 mm) high.



The symbol shall be min 1/2 in. (12.7 mm) diameter.

- f) The following or equivalent wording:

"Operation - Responds To A Heat Producing Fire Only. Unit Will Actuate When The Temperature Of The Surrounding Air Reaches The Marked Temperature Rating (Plus Or Minus A Few Degrees) Provided The Air Temperature Increase Is 1°F (0.6°C) Per Minute Or Less. At Faster Rates Of Temperature Rise, The Surrounding Air Temperature At Which The Unit Will Actuate Will Be Above The Marked Rating, The Temperature Differential Depending On The Rate Of Rise Of Temperature Produced By A Fire. This Temperature Differential Results From The Time Lag Before The Temperature Element Absorbs The Necessary Heat From The Surrounding Air To Actuate. "

- g) Instructions for setting or rewinding of a spring wound heat alarm to be included on the alarm.
- h) Name and address of firm to whom alarm is to be sent for servicing or replacement.

- i) For mechanically powered heat alarms, identification of the power supervisory feature used on the alarm plus an indication of its function. See 12.1.
- j) Correct mounting position if a heat alarm is intended to be mounted in a definite position. This information may appear in the installation instructions.
- k) Reference to an installation diagram, owner's manual, or both.
- l) Operation of a test feature, if provided.
- m) The following or equivalent wording: "This unit is required to be installed in conjunction with one or more smoke alarms. For information on required protection refer to manual (or instruction sheet) provided with this alarm. "
- n) Maintenance Instructions such as cleaning and battery replacement.
- o) The following statement on each single and multiple station heat alarm conspicuously tagged or marked to be visible after installation. The word "WARNING " shall be in letters minimum 1/8 inch (3.2 mm) high, and the balance of the text shall be in letters at least 3/64 inch (1.2 mm) high.

"HEAT ALARM"

"WARNING: OWNER'S INSTRUCTION NOTICE NOT TO BE REMOVED BY ANYONE EXCEPT OCCUPANT. This equipment should be installed in accordance with the National Fire Protection Association's Standard 72 (National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02269). Printed information describing proper installation, operation, testing, maintenance, evacuation planning, and repair service is to be provided with this equipment. "

- p) The following marking on the outside of a low-degree unit. The minimum letter height shall be 1/8 inch (3.2 mm) for the word "CAUTION " and 3/32 inch (2.4 mm) for the remainder of the text. The word "CAUTION " shall be used with the following or equivalent text: "to avoid a false alarm, do not use where maximum room temperature will exceed (+). "

(+) Temperature that is 25°F (14°C) below rating is to be inserted.

- q) Electrical rating, in volts, amperes, or watts, and frequency. Not required for battery or mechanically operated alarms.

r) Distinction between alarm and trouble signals on those units employing both.

- s) The following or equivalent qualifying statement on a battery-operated alarm where battery operation, under other than normal room temperature conditions during the long term (minimum 1 year) battery tests, is less than 1 year:

"CONSTANT EXPOSURES TO HIGH OR LOW TEMPERATURES OR HIGH HUMIDITY MAY REDUCE BATTERY LIFE"

Applicable wording shall be used.

- t) For battery operated alarms employing replaceable batteries, reference to a source for battery replacement. (It is not prohibited for this to appear in the homeowner's manual.)
- u) For a battery operated alarm employing replaceable batteries, the word "WARNING " and the following or equivalent marking shall be included on the unit: "Use Only Batteries Specified In Marking. Use Of A Different Battery Will Have A Detrimental Effect On Heat Alarm Operation." The letter height shall be a minimum of 1/8 inch (3.2 mm) for "WARNING" and 3/64 inch (1.2 mm) for the rest of the notice.
- v) For a heat alarm employing a nonrechargeable standby battery the marking information described in Section 17.2 shall be in letters not less than 1/8 inch (3.2 mm) high.
- w) Test instructions and frequency for electrically operated alarms. Not less than once per week for battery-powered alarms and not less than once per month for AC or AC with secondary power supply.
- x) An AC operated alarm without a standby battery shall be marked with the word "WARNING " and the following or equivalent wording: "UNIT WILL NOT OPERATE DURING POWER FAILURE." The marking shall be in a location on the unit that is visible after installation. The letter height shall be a minimum of 1/8 inch (3.2 mm).
- y) For a battery operated heat alarm employing a non-replaceable 10 year battery, the words "10 Year Battery. Replace Alarm After _____ " or equivalent marking shall be provided on the unit. The letter height shall be a minimum of 1/8 inch (3.2 mm) unless it is in a contrasting color, visible from 1.83 m (6 feet) after the unit has been installed as intended.
- z) For a battery-operated heat alarm employing a non-replaceable 10-year battery, a statement indicating that the unit is sealed, with no serviceable parts, and that the maintenance and testing specified elsewhere on the marking must be performed.
- aa) For a battery operated heat alarm employing a non-replaceable 10-year battery, a description of how to use the deactivation feature and indication that once deactivated the heat alarm is incapable of being reactivated and must be replaced.
- bb) Information required to appear directly on the alarm shall be readily visible after installation. Except for 61 e), the removal or opening of an enclosure cover not requiring a tool, or an equivalent arrangement to view the marking is not prohibited.
- cc) Sealed units intended to be returned to the manufacturer for servicing shall be marked as follows on the outside of the alarm: "RETURN TO (+) FOR SERVICING," or equivalent. It is not prohibited for units on which the cover is removable, and that are also intended to be returned to the manufacturer for servicing, to have the marking on the outside of the alarm.

(+) Name and address of manufacturer or supplier.

BSR/UL 746A, Standard for Polymeric Materials – Short Term Property Evaluations

PROPOSAL

1. Modification of the Inclined-Plane Tracking Test Method in UL 746A to be In Line with ASTM D2303

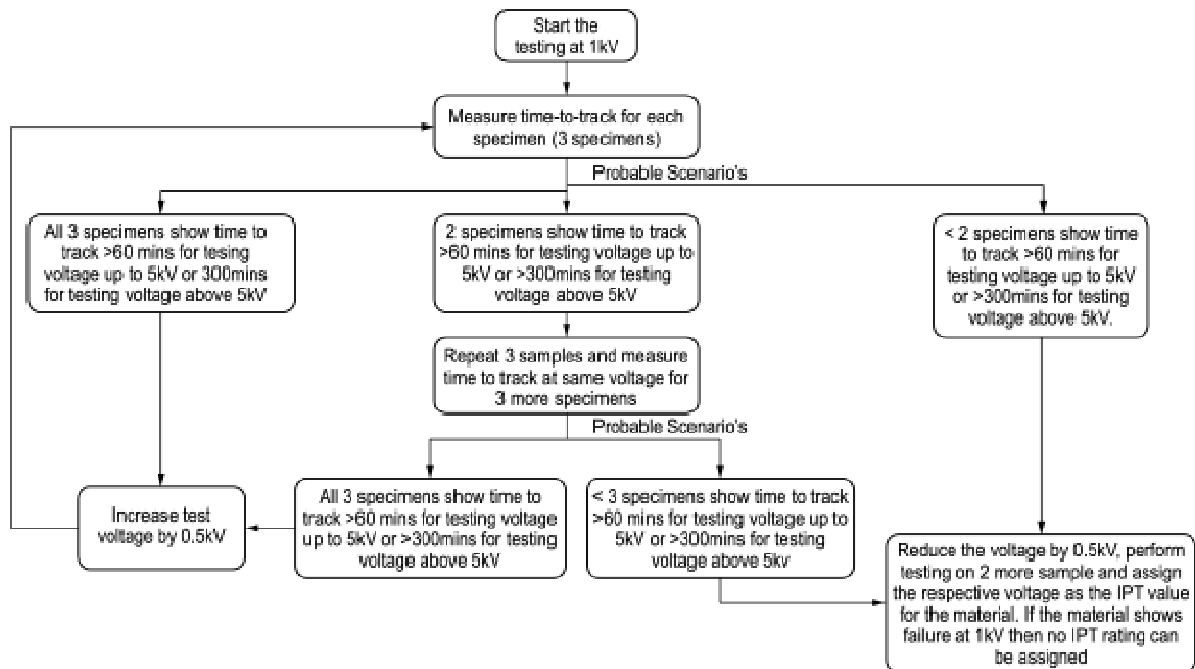
~~26.3 For comparison purposes, the~~ The time-to-track 25.4 mm (1 inch) from the lower electrode is to be determined on 3 ~~5~~ distinct specimens. A series of tests with the same sampled material shall start with a minimum test voltage of 1.0 kV. For test voltages between 1 kV and 5 kV, the test results are acceptable if the time-to-track for each specimen is above 60 min. For test voltages above 5 kV, the test results are acceptable if the time-to-track for each specimen is above 300 min. If only one specimen from a set of three specimens does not comply with the requirements, another set of three specimens is to be tested. In case of compliance, the test voltage shall be increased in steps of multiples of 0.5 kV. The highest test voltage is determined based on testing 5 sample repeats.

~~26.4 The highest test voltage that complies with the requirements in 26.3 is to be recorded and referred to as the IPT rating. The test method for determination of the Inclined Plane Tracking is to be supplemented by the procedure indicated in Figure 26.1.~~

~~26.5 The highest test voltage that complies with the requirements in 26.3 is to be recorded and referred to as the IPT rating.~~

Figure 26.1

IPT Decision tree



su2719

Exception: Testing shall be started at 5kV for materials intended to be used on application requirements ≥ 5 kV, provided a 3 sample testing at 3kV shows time to track > 60 mins on each sample.

UL copyrighted material. Not authorized for further reproduction without prior permission from UL.

BSR/UL 923, Standard for Microwave Cooking Appliances**1. Proposal to clarify the strain relief test requirement.**

13.2.2.4 The specified force is to be applied to the cord so that the strain-relief means will be stressed from any angle that the construction of the appliance permits. The means of affording strain relief is not acceptable if, at the point of disconnection of the conductors, there is such movement of the cord as to indicate that stress would have resulted on the connections. The cord shall not have internal shrinkage displaced displacement lengthwise by more than ~~0.039 in (1 mm)~~ 0.078 in (2 mm).

UL copyrighted material. Not authorized for further reproduction without prior permission from UL.

BSR/UL 1838, Standard for Low Voltage Landscape Lighting Systems

PROPOSAL

1. Editorial Revision.

53.4.1 Unit low voltage cable used to connect the luminaire or fitting to the main low voltage cable shall be one of the following:

- a) Any wire suitable for the main voltage cable, per 53.3.1,
- b) SPT-1(W),
- c) XTW or CXTW, or
- d) AWM with equivalent properties.

2. Cord Size for Power Units with Receptacles.

24.3.7 If a power unit is provided with a receptacle for connection of an external load, the supply cord shall be a minimum 12 AWG (3.3 mm²). If the receptacle is accessible only to equipment within the enclosure, and is marked to identify a maximum current, the minimum size of the power unit's supply cord size shall be based on the lighting load plus the receptacle rating, as shown in Table 24.3:

Table 24.3

Ampacities of power supply cord

<u>Receptacle + Lighting Load, Amperes</u>	<u>Minimum size of cord</u>
<u>10</u>	<u>18 AWG (0.82 mm²)</u>
<u>13</u>	<u>16 AWG (1.3 mm²)</u>
<u>18</u>	<u>14 AWG (2.1 mm²)</u>
<u>25</u>	<u>12 AWG (3.3 mm²)</u>

3. Pond and Fountain Luminaires Located Near Pools.

57.3 The instructions for other than a pond and small decorative fountain luminaire shall include the statements "WARNING – Risk of Electric Shock. Install all luminaires 10 feet (3.05 m) or more from a pool, spa, or fountain."