ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: September 25, 2016

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

Addenda

BSR/ASHRAE Addendum ak to ANSI/ASHRAE Standard 34-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

This addendum adds the zeotropic refrigerant blend R-459A in Table 4-2 and Table D-2.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: https://osr.ashrae.org/default.aspx

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

Addenda

BSR/ASHRAE Addendum al to ANSI/ASHRAE Standard 34-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

This addendum adds the zeotropic refrigerant blend R-459B in Table 4-2 and Table D-2.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: https://osr.ashrae.org/default.aspx

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

Addenda

BSR/ASHRAE Addendum am to ANSI/ASHRAE Standard 34-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

This addendum adds the zeotropic refrigerant blend R-460A in Table 4-2 and Table D-2.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: https://osr.ashrae.org/default.aspx

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

Addenda

BSR/ASHRAE Addendum an to ANSI/ASHRAE Standard 34-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

This addendum adds the zeotropic refrigerant blend R-460B in Table 4-2 and Table D-2.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: https://osr.ashrae.org/default.aspx

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 25-201x, Standard for Safety for Meters for Flammable and Combustible Liquids and LP-Gas (revision of ANSI/UL 25-2016)

The following topic is being proposed: (1) Addition of torque requirements for larger size valve.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 25A-201x, Standard for Safety for Meters for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 25A-2016)

The following topic is being proposed: (1) Addition of torque requirements for larger size valve.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 25B-201x, Standard for Safety for Meters for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 25B-2016)

The following topic is being proposed: (1) Addition of torque requirements for larger size valve.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 295-201x, Standard for Safety for Commercial-Industrial Gas Burners (revision of ANSI/UL 295-2014)

The following topics are being proposed: (1) Addition of requirements for gas assist (pre-mix) burners, and (2) Clarification of requirements for high gas pressure switch.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 296-201x, Standard for Safety for Oil Burners (revision of ANSI/UL 296-2011 (R2015))

The following topic is being proposed: (1) Revise requirements for programming and timings for burners.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 521-201x, Standard for Safety for Heat Detectors for Fire Protective Signaling Systems (revision of ANSI/UL 521-2010 (R2015))

Proposal dated 8-26-2016 adds an alternative symbol for the “Do Not Paint” marking referenced in paragraph 53.1 and additionally updates the titles of ASTM standards referenced throughout the document.

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 778-201x, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778-2016)

Proposal to add requirements for button or coin cell batteries of lithium technologies, new 5A.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Megan Monsen, (847) 664 -1292, megan.monsen@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1004-1-201x, Standard for Safety for Rotating Electrical Machines - General Requirements (Proposal dated 8-26-16) (revision of ANSI/UL 1004 -1-2016)

The following is proposed: (1) Exception for non-metallic functional parts and revised definition, and (2) Requirements for separation of circuits.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Jonette Herman, (919) 549 -1479, Jonette.A.Herman@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1254-201X, Standard for Pre-Engineered Dry Chemical Extinguishing System Units (revision of ANSI/UL 1254-2016)

UL proposes to withdraw a proposal on labeling requirements for UL 1254.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Nicolette Allen, (919) 549 -0973, Nicolette.Allen@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1261-201x, Standard for Safety for Electric Water Heaters for Pools and Tubs (revision of ANSI/UL 1261-2014)

Proposal to add requirements for button or coin cell batteries of lithium technologies, new 3A12.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Megan Monsen, (847) 664 -1292, megan.monsen@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1563-201x, Standard for Safety for Electric Spas, Equipment Assemblies, and Associated Equipment (revision of ANSI/UL 1563-2012)

Proposal to add requirements for button or coin cell batteries of lithium technologies, new 7A.5.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Megan Monsen, (847) 664 -1292, megan.monsen@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1951-201x, Standard for Safety for Electric Plumbing Accessories (revision of ANSI/UL 1951-2014)

Proposal to add requirements for button or coin cell batteries of lithium technologies, new 5.3A.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Megan Monsen, (847) 664 -1292, megan.monsen@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2127-201X, Standard for Safety for Inert Gas Clean Agent Extinguishing System Units (revision of ANSI/UL 2127-2016)

UL proposes to withdraw a proposal on labeling requirements on UL 2127.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Nicolette Allen, (919) 549 -0973, Nicolette.Allen@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2166-201X, Standard for Halocarbon Clean Agent Extinguishing System Units (revision of ANSI/UL 2166-2016)

UL proposes to withdraw a proposal on labeling requirements for UL 2166.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Nicolette Allen, (919) 549 -0973, Nicolette.Allen@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2353-201x, Standard for Safety for Single- and Multi-Layer Insulated Winding Wire (revision of ANSI/UL 2353-2015)

(3) Revision of requirements to incorporate fully insulated wire (FIW).

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2775-201X, Standard for Fixed Condensed Aerosol Extinguishing System Units (revision of ANSI/UL 2775-2016)

UL proposes to withdraw a proposal on labeling requirements for UL 2775.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Nicolette Allen, (919) 549 -0973, Nicolette.Allen@ul.com

Comment Deadline: October 10, 2016

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO 15223-1:201x, Medical devices - Symbols to be used with medical device labels, labelling and information to be supplied - Part 1: General requirements (identical national adoption of ISO/FDIS 15223-1 and revision of ANSI/AAMI/ISO 15223-1:2012)

This part of ISO 15223 is applicable to symbols used in a broad spectrum of medical devices, which are marketed globally and therefore need to meet different regulatory requirements. These symbols may be used on the medical device itself, on its packaging or in the associated documentation.

Single copy price: Free

Obtain an electronic copy from: https://standards.aami.org/kws/public/document?document_id=9844&wg_abbrev=PUBLIC_REV

Order from: https://standards.aami.org/kws/public/document?document_id=9844&wg_abbrev=PUBLIC_REV

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

AMCA (Air Movement and Control Association)

Revision

BSR/AMCA 99-201x, Standards Handbook (revision of ANSI/AMCA 99 -2010)

This standard serves as a collection of information that can be used in the development of other AMCA documents.

Single copy price: $5.00

Obtain an electronic copy from: emoore@amca.org

Order from: Erin Moore, (847) 704-6285, emoore@amca.org

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

ANS (American Nuclear Society)

New Standard

BSR/ANS 18.1-201x, Radioactive Source Term for Normal Operation of Light Water Reactors (new standard)

Comments limited to substantive changes. This standard provides a set of typical radionuclide concentrations for estimating the radioactivity in the principal fluid systems of light-water reactors and for projecting the expected releases of radioactivity from nuclear plants. It is not intended that the values be used as the sole basis for design, but be used in environmental reports and elsewhere where expected operating conditions over the life of the plant would be appropriate.

Single copy price: $20.00

Obtain an electronic copy from: scook@ans.org

Order from: scook@ans.org

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

ASABE (American Society of Agricultural and Biological Engineers)

Revision

BSR/ASABE S588.1 MONYEAR, Uniform Terminology for Air Quality (revision and redesignation of ANSI/ASABE S588-2012)

The purpose of this Standard is to establish uniformity in terms used within the field of outdoor rural air quality. This Standard is also to serve as a focal point for the development of new useful terms associated with air quality in rural areas.

Single copy price: $58.00

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh, (269) 932-7027, walsh@asabe.org

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

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

Revision

BSR ASSE A10.11-201X, Safety Requirements for Personnel Nets (revision of ANSI ASSE A10.11-2010)

Establishes safety requirements for the selection, installation, and use of personnel nets during construction, repair, and demolition operations. NOTE: Title change to remove debris nets from this standard since A10.37 is coming back.

Single copy price: $50.00

Obtain an electronic copy from: TFisher@ASSE.Org

Order from: Tim Fisher, (847) 768-3411, TFisher@ASSE.Org

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

AWS (American Welding Society)

Revision

BSR/AWS D9.1M/D9.1-201x, Sheet Metal Welding Code (revision of ANSI/AWS D9.1M/D9.1-2012)

This code provides qualification, workmanship, and inspection requirements for both arc welding (Part A) and braze welding (Part B), as they apply to the fabrication, manufacture, and erection of nonstructural sheet metal components and systems.

Single copy price: $40.00

Obtain an electronic copy from: jmolin@aws.org

Order from: Jennifer Molin, (305) 443-9353, jmolin@aws.org

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

AWWA (American Water Works Association)

Revision

BSR/AWWA B511-201x, Potassium Hydroxide (revision of ANSI/AWWA B511-2010)

This standard describes the use of potassium hydroxide (KOH), dry and liquid, for use in the treatment of potable water, wastewater, and reuse or reclaimed water.

Single copy price: $20.00

Obtain an electronic copy from: vdavid@awwa.org

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

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

AWWA (American Water Works Association)

Revision

BSR/AWWA B550-201x, Calcium Chloride (revision of ANSI/AWWA B550 -2010)

This standard describes calcium chloride, CaCl, in powder, pellet, granule, flake, or briquette form for use in the treatment of potable water, wastewater, and reuse or reclaimed water.

Single copy price: $20.00

Obtain an electronic copy from: vdavid@awwa.org

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

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

CSA (CSA Group)

Revision

BSR Z21.76-201x, Gas-Fired Unvented Catalytic Room Heaters for use with Liquefied Petroleum (LP) Gases (revision of ANSI Z21.76-1994 (R2012), Z21.76a-1996 (R2012), Z21.76b-1997 (R2012))

Details test and examination criteria for unvented catalytic room heaters having input ratings up to and including 40,000 Btu per hour (11 723 W) for use with liquefied petroleum (LP) gases.

Single copy price: Free

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

Order from: Cathy Rake, (216) 524-4990 x88321, cathy.rake@csagroup.org

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

CSA (CSA Group)

Revision

BSR Z21.91-201x, Ventless Firebox Enclosures for Gas-Fired Unvented Decorative Room Heaters (revision of ANSI Z21.91-2007 (R2012))

Details test and examination criteria for ventless firebox enclosures for unvented decorative room heaters. Fireboxes covered by this standard are intended for use with unvented decorative room heaters which comply with ANSI Z21.11.2 for installation in solid fuel-burning fireplaces.

Single copy price: Free

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

Order from: Cathy Rake, (216) 524-4990 x88321, cathy.rake@csagroup.org

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

ICC (ASC A117) (International Code Council)

Revision

BSR/ICC A117.1-201x, Accessible and Usable Buildings and Facilities (revision of ANSI/ICC A117.1-2009)

Site design and architectural features affecting the accessibility and usability of buildings and facilities, consideration to be given to all types of physical and sensory disabilities, to publicly used buildings and facilities, and to residential structures.

Single copy price: Free

Obtain an electronic copy from: http://www.iccsafe.org/icc-asc-a117/

Order from: Edward Wirtschoreck, (708) 799-2300, ewirtschoreck@iccsafe.org

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

MHI (Material Handling Industry)

Revision

BSR MH26.2-201X, Design, Testing and Utilization of Welded-Wire Rack Decking (revision of ANSI MH26.2-2007)

This standard is established to provide a guideline for design, testing, fabrication, and utilization of welded-wire mesh rack decking utilized as an accessory for industrial steel storage racks. It applies to uniformly loaded rack decking fabricated from welded-wire mesh with permanently attached reinforcements for use in storage racks. The purpose for such rack decking is to provide storage capability by creating a surface in conjunction with a rack, upon which to place materials that may be on pallets, in containers, or in some other form.

Single copy price: $15.00

Order from: Patrick Davison, (704) 714-8755, pdavison@mhi.org

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

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

Revision

BSR/NB-23-201x, National Board Inspection Code (NBIC) (revision of ANSI/NB 23-2015)

NB-23 provides requirements and guidelines for the installation, inspection, repair, and alteration of pressure-retaining items and pressure relief valves.

Single copy price: N/A

Obtain an electronic copy from: www.nationalboard.org

Order from: Bradley Besserman, (614) 431-3236, bbesserman@nationalboard.org

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

NEMA (ASC C136) (National Electrical Manufacturers Association)

Revision

BSR C136.31-201x, Standard for Roadway and Area Lighting Equipment - Luminaire Vibration (revision of ANSI C136.31-2010)

This project is to update the standard with current test procedures, set-up, and operation, and to further define and update pass/fail criteria.

Single copy price: $39.00

Order from: Karen Willis, (703) 841-3277, Karen.Willis@nema.org

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

NSF (NSF International)

New Standard

BSR/NSF 426-201x (i2r1), Standard for Environmental Leadership Assessment of Servers (new standard)

This standard defines environmental performance criteria for computer servers as defined in the Energy Star Server specifications, including managed servers and blade servers. This standard establishes criteria for multiple levels of environmental leadership and performance throughout the product life cycle, relating to reduction or elimination of environmentally sensitive materials, materials selection, design for end of life, lifecycle extension, energy conservation, end-of-life management, corporate responsibility, and packaging. This is a new joint standard between IEEE and NSF.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/34250/JC%20Memo%20and%20Ballot%20426i2r1%20-%20IEEE%201680.4%20%26%20NSF%20426%20New%20Joint%20Standard%20for%20Servers.pdf

Order from: Jessica Slomka, (734) 214-6219, jslomka@nsf.org

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

NSF (NSF International)

Revision

BSR/NSF 342-201x (i9r1), Sustainability Assessment for Wallcovering Products (revision of ANSI/NSF 342-2014)

The overall purpose of this Standard is to facilitate the thorough communication of information that is verifiable, accurate, and credible associated with the production, distribution, and use of wallcovering products. Such communication is expected to encourage the demand for and supply of products that cause less impact on the environment and society, thereby stimulating the potential for market-driven continuous improvement. The standard is voluntary and encourages inclusive participation in the production and distribution of sustainable wallcovering products within the supply chain.

Single copy price: Free

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

document_id=34175

Order from: Kianda Franklin, (734) 827-3813, kfranklin@nsf.org

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

SCTE (Society of Cable Telecommunications Engineers)

New Standard

BSR/SCTE 231-201x, General Test Procedures for Evaluation of Energy Efficiency Metrics and in Support of Functional Density Metrics (new standard)

This document covers the general test procedures that are common to all equipment types and specifies the environmental conditions for evaluating cable equipment energy efficiency metrics. Expectations of measurement equipment as well as guidelines on the recording of results are also covered. This standard will be included as a normative reference in each supplemental standard in the series covering metrics and specific test procedures for the various equipment types.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)

New Standard

BSR/SCTE 232-201x, Key Performance Metrics: Energy Efficiency & Functional Density of CMTS, CCAP, and Time Server Equipment (new standard)

This document defines how to use a standard methodology to measure the density of hardware to meet the needs of optimizing critical space, as well as measuring energy consumption for the various network element classes. This part of the series focuses on the CMTS, CCAP, and other related cable operator critical facility equipment.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 34-201x, Test Method for Cored Depth Verification (revision of ANSI/SCTE 34-2010)

The purpose of this test method is to determine the cored depth of Trunk, Feeder, and Distribution Coaxial cable. The core depth is the internal measured distance between the dielectric foam and the square-cut end of the outer sheath. This test method will define the suggested method for core depth measurement.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 493-2012 (R201x), Standard for Safety for Thermoplastic-Insulated Underground Feeder, and Branch-Circuit Cables (Proposal dated 8/26/16) (reaffirmation of ANSI/UL 493-2012)

These requirements cover 14 - 4/0 AWG single-conductor PVC-insulated and -jacketed underground feeder and branch-circuit cable and flat multiple-conductor PVC-jacketed underground feeder and branch-circuit cables containing two or three 14 - 6 AWG PVC-insulated circuit conductors with or without a grounding conductor. These Type UF cables are intended for use in accordance with Article 340 and other applicable parts of the National Electrical Code, ANSI/NFPA 70, in wiring systems operating at a potential of 600 V or less.

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)

Revision

BSR Z80.18-201x, Contact Lens Care Products - Vocabulary, Performance Specifications, and Test Methodology (revision of ANSI Z80.18-2010)

This American National Standard applies to contact lens care products (CLCP) which are marketed for use with hard (PMMA), rigid gas-permeable (RGP), and enhanced oxygen-permeable materials; and soft hydrophilic contact lenses. These products are intended for use in the care of contact lenses: e.g., rinsing, storing, disinfection, conditioning, neutralization, cleaning, hydration, and/or for alleviating discomfort of lens wear and improving lens tolerance by physical means.

Single copy price: $65.00

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

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

VC (ASC Z80) (The Vision Council)

Revision

BSR Z80.20-201x, Contact Lenses - Standard Terminology, Tolerances Measurements and Physicochemical Properties (revision of ANSI Z80.20-2010)

This American National Standard applies to contact lenses worn over the front surface of the eye in contact with the preocular tear film. The standard covers rigid intracorneal and haptic (scleral) contact lenses, as well as soft paralimbal contact lenses. Table 1 provides a high-level list of materials used for both rigid and soft contact lenses

Single copy price: $65.00

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

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

Comment Deadline: October 25, 2016

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME B89.1.10M-2001 (R201x), Dial Indicators (for Linear Measurement) (reaffirmation of ANSI/ASME B89.1.10M-2001 (R2011))

This Standard is intended to provide the essential requirements for dial indicators as a basis for mutual understanding between manufacturers and consumers.

Single copy price: $39.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

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: Remington Richmond, (212) 591-8404, richmondr@asme.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME BTH-1-201x , Design of Below-the-Hook Lifting Devices (revision of ANSI/ASME BTH-1-2014)

This Standard provides minimum structural and mechanical design and electrical component selection criteria for ASME B30.20, Below-the-Hook Lifting Devices. The provisions defined in this Standard address the most common and broadly applicable aspects of the design or modification of below-the-hook lifting devices. Compliance with requirements and criteria that may be unique to specialized industries and environments is outside the scope of this Standard. Lifting devices designed to this Standard shall comply with ASME B30.20, Below-the-Hook Lifting Devices. ASME B30.20 includes provisions that apply to the marking, construction, installation, inspection, testing, maintenance, and operation of below-the-hook lifting devices.

Single copy price: Free

Order from: Mayra Santiago, (212) 591-8521, ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Grace Bolan, (212) 591-8722, bolang@asme.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

BSR/IEEE 45.8-201x, Recommended Practice for Electrical Installations on Shipboard - Cable Systems (new standard)

The scope of this document is to provide recommendations for selection, application, and installation of electrical power, signal, control, data, and specialty marine cable systems on shipboard. These recommendations include the present-day technologies, engineering methods, and engineering practices.

Single copy price: $72.00 (pdf); $90.00 (print)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

BSR/IEEE 421.3-201x, Standard for High-Potential Test Requirements for Excitation Systems for Synchronous Machines (new standard)

This standard applies to high-potential testing of complete excitation systems and their components for synchronous machines. The components of the excitation system are described in IEEE Std 421.1, Criteria and Definitions for Excitation Systems for Synchronous Machines. Auxiliary devices connected to either the input or output side of the rectifier bridge are exposed to similar excitation system stresses and are included in the requirements of this standard.

Single copy price: $49.00 (pdf); $61.00 (print)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

BSR/IEEE 1048-201x, Guide for Protective Grounding of Power Lines (new standard)

This document provides guidelines for temporary protective grounding of electric power lines to aid in the protection of workers from voltages and currents that might develop at a de-energized worksite during maintenance of AC overhead and underground, transmission, and distribution lines, cables and equipment.

Single copy price: $70.00 (pdf)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

BSR/IEEE 1268-201x, Guide for Safety in the Installation of Mobile Substation Equipment (new standard)

This guide contains information on general topics and items pertaining to safety when installing substation equipment. The guide recognizes that mobile substations vary widely regarding the particular devices and equipment used. It is beyond the scope of this guide to provide a specific step-by-step set of instructions for individual units. This guide covers installation of mobile substation equipment up to 245 kV.

Single copy price: $56.00 (pdf); $70.00 (print)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

BSR/IEEE 1609.12-201x, Standard for Wireless Access in Vehicular Environments (WAVE) - Identifier Allocations (new standard)

This standard specifies allocations of wireless access in vehicular environments (WAVE) identifiers for use with the IEEE 1609TM series of standards.

Single copy price: $49.00 (pdf); $61.00 (print)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

BSR/IEEE 1695-201x, Guide to Understanding, Diagnosing, and Mitigating Stray and Contact Voltage (new standard)

This guide addresses voltages that exist at publicly and privately accessible locations as a result of the delivery and use of electrical energy. This guide is not intended for use as a statement of cause and effect. It focuses primarily on the presence of power-frequency-related voltages, and discusses definitions, sources, testing techniques, and mitigation strategies.

Single copy price: $133.00 (pdf)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

BSR/IEEE 1855-201x, Standard for Fuzzy Markup Language (new standard)

This standard defines an XML-based language, named Fuzzy Markup Language (FML), aimed at providing a unified and well-defined representation of Fuzzy Logic Systems (FLSs). This standard includes an extendable schema that natively defines the basic components of a fuzzy logic system and enables the modeling of different categories of fuzzy inference engines, including Mamdani [B16], Tsukamoto [B21],Takagi-Sugeno-Kang (TSK) [B20], and anYa [B5].

Single copy price: $89.00 (pdf); $111.00 (print)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

BSR/IEEE 60780-323-201x, IEC/IEEE International Standard - Nuclear facilities - Electrical equipment important to safety - Qualification (new standard)

This International Standard describes the basic requirements for qualifying electrical equipment important to safety and interfaces (electrical and mechanical) that are to be used in nuclear facilities. The principles, methods, and procedures described are intended to be used for qualifying equipment, maintaining and extending qualification, and updating qualification, as required, if the equipment is modified.

Single copy price: $72.00 (pdf); $90.00 (print)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

BSR/IEEE C62.69-201x, Standard for the Surge Parameters of Isolating Transformers Used in Networking Devices and Equipment (new standard)

This standard sets terms, test methods, test circuits, measurement procedures and preferred result values for the surge parameters of isolating transformers used in networking devices and equipment. Three types of isolating transformer are considered; mains low-frequency power, high-frequency power (switching mode power supplies) and signal (e.g., Ethernet data).

Single copy price: $56.00 (pdf)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

Revision

BSR/IEEE 98-201x, Standard for the Preparation of Test Procedures for the Thermal Evaluation of Solid Electrical Insulating Material (revision of ANSI/IEEE 98-2007)

The test procedures covered by this standard apply to the thermal endurance of solid insulating materials, including processed compositions of raw materials, before they are fabricated into insulating structures identified with specific parts of electrical equipment. Tests for specific types of insulating materials, such as wire enamel, varnish, sheet, tape, etc. are not within the scope of this standard.

Single copy price: $56.00 (pdf); $70.00 (print)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

Revision

BSR/IEEE 1609.4-201x, Standard for Wireless Access in Vehicular Environments (WAVE) - Multi-Channel Operation (revision of ANSI/IEEE 1609.4-2011)

The scope of this standard is the specification of medium access control (MAC) sublayer functions and services that support multi-channel wireless connectivity between IEEE 802.11 Wireless Access in Vehicular Environments (WAVE) devices.

Single copy price: $89.00 (pdf); $111.00 (print)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

Revision

BSR/IEEE C37.23-201x, Standard for Metal-Enclosed Bus (revision of ANSI/IEEE C37.23-2003 (R2008))

This standard covers assemblies of metal-enclosed conductors along with associated interconnections, enclosures, and supporting structures. The types of assemblies covered are nonsegregated-phase bus, segregated-phase bus, isolated-phase bus, and cable bus. When switches and disconnecting links are included, they shall conform to this standard. This standard encompasses the performance characteristics of indoor and outdoor conductor assemblies with rated maximum operating voltages through 38 kV.

Single copy price: $89.00 (pdf); $111.00 (print)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

Revision

BSR/IEEE C37.113-201x, Guide for Protective Relay Applications to Transmission Lines (revision of ANSI/IEEE C37.113-1999 (R2004))

Concepts of transmission line protection are discussed in this guide. Applications of these concepts to various system configurations and line termination arrangements are presented. Many important issues, such as coordination of settings, operating times, characteristics of relays, impact of mutual coupling of lines on the protection systems, automatic reclosing and use of communication channels are examined.

Single copy price: $137.00 (pdf); $171.00 (print)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

Revision

BSR/IEEE C57.12.00-201x, Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers (revision of ANSI/IEEE C57.12.00-2010)

This standard describes electrical and mechanical requirements of liquid-immersed distribution and power transformers, and autotransformers and regulating transformers, single-phase and polyphase, with voltages of 601 V or higher in the highest voltage winding.

Single copy price: $89.00 (pdf); $111.00 (print)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

Revision

BSR/IEEE C57.13-201x, Standard Requirements for Instrument Transformers (revision of ANSI/IEEE C57.13-2008)

This standard is intended for use as a basis for performance and interchangeability of equipment covered, and to assist in the proper selection of such equipment. Safety precautions are also addressed. This standard covers certain electrical, dimensional, and mechanical characteristics, and takes into consideration certain safety features of current and inductively coupled voltage transformers of types generally used in the measurement of electricity and the control of equipment associated with the generation, transmission, and distribution of alternating current.

Single copy price: $86.00 (pdf)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

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

New National Adoption

INCITS/ISO/IEC 7816-4:2013, Identification cards - Integrated circuit cards - Part 4: Organization, security and commands for interchange (identical national adoption of ISO/IEC 7816-4:2013 and revision of INCITS/ISO/IEC 7816-4:2005 [R2013] and INCITS/ISO/IEC 7816-4:2005/AM1:2008 [2011])

Intended to be used in any sector of activity. It specifies: (a) contents of command-response pairs exchanged at the interface, (b) means of retrieval of data elements and data objects in the card, (c) structures and contents of historical bytes to describe operating characteristics of the card, (d) structures for applications and data in the card, as seen at the interface when processing commands, (e) access methods to files and data in the card, (f) a security architecture defining access rights to files and data in the card, (g) means and mechanisms for identifying and addressing applications in the card, (h) methods for secure messaging, and (i) access methods to the algorithms processed by the card. It does not describe these algorithms.

Single copy price: $265.00

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

Order from: http://webstore.ansi.org/

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

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

New National Adoption

INCITS/ISO/IEC 29120-1:2015, Information technology - Machine readable test data for biometric testing and reporting - Part 1: Test reports (identical national adoption of ISO/IEC 29120-1:2015)

Establishes machine readable records for documenting the output of a biometric test, formats for data that ISO/IEC 19795 tests are required to report, and an ASN.1 syntax for test reports. This standard specifically does not require, prohibit, or otherwise specify, the format of biometric samples or templates used in a test, require, prohibit, or otherwise specify, the encapsulation of biometric samples or templates used in a test, or regulate metrics for tests.

Single copy price: $200.00

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

Order from: http://webstore.ansi.org

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

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

New National Adoption

INCITS/ISO/IEC 29197:2015, Information technology - Evaluation methodology for environmental influence in biometric system performance (identical national adoption of ISO/IEC 29197:2015)

Addresses the fundamental requirements for planning and execution of environmental performance evaluations for biometric systems based on scenario and operational test methodologies, the specifications to define, establish, and measure specific conditions to assess, including requirements for equipment, the requirements for establishing a baseline performance in order to compare the influence of environmental parameters, a specification of the biometric evaluation including requirements for test population, test protocols, data to record, and test results, and procedures for carrying out the overall evaluation.

Single copy price: $149.00

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

Order from: http://webstore.ansi.org

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

Projects Withdrawn from Consideration

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

TIA (Telecommunications Industry Association)

BSR/TIA 1019-B-201x, Standard for Installation, Alteration and Maintenance of Antenna Supporting Structures and Antennas (revision and redesignation of ANSI/TIA 1019-A-2012)

TIA (Telecommunications Industry Association)

BSR/TIA 1019-A-1-201x, Standard for Installation, Alteration and Maintenance of Antenna Supporting Structures and Antennas - Addendum 1 (addenda to ANSI/TIA 1019-A-2012)

30 Day Notice of Withdrawal: ANS 5 to 10 years past approval date

In accordance with clause 4.7.1 Periodic Maintenance of American National Standards of the ANSI Essential Requirements, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

AAMI (Association for the Advancement of Medical Instrumentation)

ANSI/AAMI/ISO 15225-A1-2004 (R2006), Nomenclature - Specification for a Nomenclature System for Medical Devices for the Purpose of Regulatory Data Exchange (Amendment 1)

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

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

CSAA (Central Station Alarm Association)

ANSI/CSAA CS-AUD-01-2012, Audio Verification Procedures for Burglar Alarms

CSAA (Central Station Alarm Association)

ANSI/CSAA CS-V-02-2012, Video Verification Procedures for Burglar Alarms

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.

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633

Contact: *Will Vargas*

Phone: (703) 647-2779

E-mail: wvargas@aami.org

BSR/AAMI/ISO 15223-1:201x, Medical devices - Symbols to be used with medical device labels, labelling and information to be supplied - Part 1: General requirements (identical national adoption of ISO/FDIS 15223-1 and revision of ANSI/AAMI/ISO 15223-1:2012)

AMCA (Air Movement and Control Association)

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

Contact: *Erin Moore*

Phone: (847) 704-6285

E-mail: emoore@amca.org

BSR/AMCA 99-201x, Standards Handbook (revision of ANSI/AMCA 99 -2010)

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

Office: 520 N. Northwest Highway
Park Ridge, IL 60068

Contact: *Tim Fisher*

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR ASSE A10.11-201X, Safety Requirements for Personnel Nets (revision of ANSI ASSE A10.11-2010)

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 C6.2/C6.2M-201x, Specification for Friction Welding of Metals (new standard)

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

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

Contact: *Deborah Spittle*

Phone: (202) 626-5746

Fax: (202) 638-4922

E-mail: comments@itic.org

INCITS/ISO/IEC 7816-4:2013, Identification cards - Integrated circuit cards - Part 4: Organization, security and commands for interchange (identical national adoption of ISO/IEC 7816-4:2013 and revision of INCITS/ISO/IEC 7816-4:2005 [R2013] and INCITS/ISO/IEC 7816 -4:2005/AM1:2008 [2011])

INCITS/ISO/IEC 29120-1:2015, Information technology - Machine readable test data for biometric testing and reporting - Part 1: Test reports (identical national adoption of ISO/IEC 29120-1:2015)

INCITS/ISO/IEC 29197:2015, Information technology - Evaluation methodology for environmental influence in biometric system performance (identical national adoption of ISO/IEC 29197:2015)

NEMA (ASC C136) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 900
Rosslyn, VA 22209

Contact: *Karen Willis*

Phone: (703) 841-3277

Fax: (703) 841-3378

E-mail: Karen.Willis@nema.org

BSR C136.17-1995 (S201x), Standard for Roadway and Area Lighting Equipment - Enclosed Side-Mounted Luminaires for Horizontal-Burning High-Intensity Discharge Lamps - Mechanical Interchangeability of Refractors (stabilized maintenance of ANSI C136.17-1995 (R2010))

BSR C136.19-201x, High-Pressure Sodium and Retrofit High-Pressure Sodium Lamps for Mercury Ballasts - Guide for Selection (revision of ANSI C136.19-2010)

BSR C136.31-201x, Standard for Roadway and Area Lighting Equipment - Luminaire Vibration (revision of ANSI C136.31-2010)

BSR C136.53-201x, Roadway and Area Lighting Equipment - Enclosed Pendant Mounted Luminaires (new standard)

BSR C136.54-201x, Occupancy Sensors for Roadway and Area Lighting (new standard)

NSF (NSF International)

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

Contact: *Jessica Slomka*

Phone: (734) 214-6219

E-mail: jslomka@nsf.org

BSR/IEEE 1680.4/NSF 426-201x (i2r1), Standard for Environmental Leadership Assessment of Servers (new standard)

UL (Underwriters Laboratories, Inc.)

Office: 47173 Benicia Street
Fremont, CA 94538

Contact: *Marcia Kawate*

Phone: (510) 319-4259

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

BSR/UL 25-201x, Standard for Safety for Meters for Flammable and Combustible Liquids and LP-Gas (revision of ANSI/UL 25-2016)

BSR/UL 521-201x, Standard for Safety for Heat Detectors for Fire Protective Signaling Systems (revision of ANSI/UL 521-2010 (R2015))

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.

ANS (American Nuclear Society)

Reaffirmation

ANSI/ANS 15.2-1999 (R2016), Quality Control for Plate-Type Uranium-Aluminum Fuel Elements (reaffirmation of ANSI/ANS 15.2 -1999 (R2009)): 8/18/2016

ASA (ASC S1) (Acoustical Society of America)

Revision

ANSI ASA S1.6-2016, Preferred Frequencies and Filter Band Center Frequencies for Acoustical Measurements (revision of ANSI/ASA S1.6-1984 (R2011)): 8/15/2016

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME B18.1.1-1972 (R2016), Small Solid Rivets (reaffirmation of ANSI/ASME B18.1.1-1972 (R2011)): 8/11/2016

ANSI/ASME B18.1.2-1972 (R2016), Large Rivets (reaffirmation of ANSI/ASME B18.1.2-1972 (R2011)): 8/11/2016

ANSI/ASME B18.1.3M-1983 (R2016), Metric Small Solid Rivets (reaffirmation of ANSI/ASME B18.1.3M-1983 (R2011)): 8/11/2016

ANSI/ASME B18.10-2006 (R2016), Track Bolts and Nuts (reaffirmation of ANSI/ASME B18.10-2006 (R2011)): 8/11/2016

ANSI/ASME PTC 51-2011 (R2016), Gas Turbine Inlet Air Conditioning Equipment (reaffirmation of ANSI/ASME PTC 51-2011): 8/11/2016

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

Revision

ANSI/ASSE Z359.1-2016, The Fall Protection Code (revision of ANSI/ASSE Z359.1-2007): 8/15/2016

ASTM (ASTM International)

Revision

ANSI/ASTM E2688-2016, Practice for Specimen Preparation and Mounting of Tapes to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2688-2010): 8/9/2016

ANSI/ASTM F963-2016, Consumer Safety Specification for Toy Safety (revision of ANSI/ASTM F963-2009): 8/1/2016

ANSI/ASTM F963-2016, Consumer Safety Specification for Toy Safety (revision of ANSI/ASTM F963-2011): 8/1/2016

ANSI/ASTM F963-2016, Consumer Safety Specification for Toy Safety (revision of ANSI/ASTM F963-2011): 8/1/2016

ANSI/ASTM F963-2016, Consumer Safety Specification for Toy Safety (revision of ANSI/ASTM F963-2011): 8/1/2016

ANSI/ASTM F963-2016, Consumer Safety Specification for Toy Safety (revision of ANSI/ASTM F963-2011): 8/1/2016

ANSI/ASTM F963-2016, Consumer Safety Specification for Toy Safety (revision of ANSI/ASTM F963-2011): 8/1/2016

ANSI/ASTM F963-2016, Consumer Safety Specification for Toy Safety (revision of ANSI/ASTM F963-2011): 8/1/2016

ANSI/ASTM F963-2016, Consumer Safety Specification for Toy Safety (revision of ANSI/ASTM F963-2011): 8/1/2016

ANSI/ASTM F963-2016, Consumer Safety Specification for Toy Safety (revision of ANSI/ASTM F963-2011): 8/1/2016

ANSI/ASTM F963-2016, Consumer Safety Specification for Toy Safety (revision of ANSI/ASTM F963-2011): 8/1/2016

HI (Hydraulic Institute)

Revision

ANSI/HI 3.6-2016, Rotary Pump Tests (revision of ANSI/HI 3.6-2010): 8/17/2016

IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)

New Standard

ANSI/ASSE 1052-2016, Performance Requirements for Hose Connection Backflow Preventers (new standard): 8/17/2016

Revision

ANSI/ASSE 1030-2016, Performance Requirements for Positive Pressure Reduction Devices for Sanitary Drainage Systems (revision of ANSI/ASSE 1030-2013): 8/17/2016

ANSI/ASSE 1063-2016, Performance Requirements for Air Valve and Vent Inflow Preventers (revision of ANSI/ASSE 1063-2009): 8/17/2016

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

ANSI/IEEE 3333.1.1-2015, Standard for Quality of Experience (QoE) and Visual-Comfort Assessments of Three-Dimensional (3D) Contents Based on Psychophysical Studies (new standard): 8/18/2016

NCPDP (National Council for Prescription Drug Programs)

Revision

ANSI/NCPDP Audit Transaction v31-2016, NCPDP Audit Transaction Standard v31 (revision and redesignation of ANSI/NCPDP Audit Transaction v3.0-2014): 8/18/2016

ANSI/NCPDP Post Adj v45-2016, NCPDP Post Adjudication Standard v45 (revision and redesignation of ANSI/NCPDP Post Adj v44 -2014): 8/18/2016

NSF (NSF International)

Reaffirmation

* ANSI/NSF 359-2016, Valves for crosslinked polyethylene (PEX) water distribution tubing systems (reaffirmation of ANSI/NSF 359-2011): 8/15/2016

Revision

* ANSI/NSF 49-2016 (i79r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49 -2014): 8/14/2016

* ANSI/NSF 60-2016 (i70r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2014a): 8/10/2016

UL (Underwriters Laboratories, Inc.)

New National Adoption

* ANSI/UL 62841-2-5-2016, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-5: Particular Requirements for Hand-Held Circular Saws (national adoption with modifications of IEC 62841-2-5): 8/9/2016

* ANSI/UL 62841-2-14-2016, Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 2-14: Particular Requirements for Hand-Held Planers (identical national adoption of IEC 62841-2-14): 8/12/2016

Reaffirmation

ANSI/UL 141-2011 (R2016), Standard for Safety for Garment Finishing Appliances (Proposal dated 6-17-16) (reaffirmation of ANSI/UL 141 -2011a): 8/17/2016

ANSI/UL 697-2012 (R2016), Standard for Safety for Toy Transformers (reaffirmation of ANSI/UL 697-2012): 8/15/2016

Revision

ANSI/UL 268A-2016, Standard for Safety for Smoke Detectors for Duct Application (revision of ANSI/UL 268A-2009 (R2014)): 8/12/2016

ANSI/UL 879A-2016, Standard for Safety for LED Sign and Sign Retrofit Kits (revision of ANSI/UL 879A-2012):

ANSI/UL 1069-2016, Standard for Safety for Hospital Signaling and Nurse Call Equipment (revision of ANSI/UL 1069-2015): 8/12/2016

* ANSI/UL 1086-2016, Standard for Safety for Household Trash Compactors (revision of ANSI/UL 1086-2015): 8/15/2016

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.

AISI (American Iron and Steel Institute)

Office: 25 Massachusetts Avenue, NW
Suite 800
Washington, DC 20001

Contact: *Helen Chen*

Fax: (202) 452-1039

E-mail: Hchen@steel.org

BSR/AISI S400-22-201x, North American Standard for Seismic Design of Cold-Formed Steel Structural Systems (revision, redesignation and consolidation of ANSI/AISI S400-2015)

Stakeholders: Cold-Formed Steel industry.

Project Need: With new research findings, the current standard will be updated and improved.

AISI S-400 is applicable for the design and construction of cold-formed steel members and connections in seismic force resisting systems (SFRS) in buildings and other structures.

ASC X9 (Accredited Standards Committee X9, Incorporated)

Office: 275 West Street
Suite 107
Annapolis, MD 21401

Contact: *Ambria Frazier*

E-mail: Ambria.frazier@x9.org

BSR X9.73-201x, Cryptographic Message Syntax - ASN.1 and XML (revision of ANSI X9.73-2010)

Stakeholders: Developers, service providers, financial institutions, regulators, and auditors.

Project Need: Updates are needed to address changes in technology and the financial services industry.

This Standard specifies a cryptographic syntax scheme that can be used to protect financial transactions, files, and other messages from unauthorized disclosure and modification. The cryptographic syntax scheme is based on an abstract Cryptographic Message Syntax (CMS) schema whose concrete values can be represented using either a compact, efficient, binary encoding, or as a flexible, human-readable, XML markup format. Simple Object Application Protocol (SOAP) message extensions are defined for each of the cryptographic types defined in X9.73 to enable protection of financial services information in Web Services environments.

BSR X9.84-201x, Biometric Information Management and Security for the Financial Services Industry (revision of ANSI X9.84-2010)

Stakeholders: Developers, service providers, financial institutions, regulators, and auditors.

Project Need: Updates are needed to address changes in technology and the financial services industry.

This Standard describes the security framework for using biometrics for authentication of individuals in financial services. It introduces the types of biometric technologies and addresses issues concerning their application. This Standard also describes the architectures for implementation, specifies the minimum security requirements for effective management, and provides control objectives and recommendations suitable for use by a professional practitioner.

ASTM (ASTM International)

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BSR/ASTM WK55630-201x, New Specification for Standard Specification for Mechanical Joint Adapter Fitting for use with Polyethylene Pressure Pipe in Nominal Pipe Sizes 2 in. to 48 in. (new standard)

Stakeholders: Fittings industry

Project Need: This specification covers the polyethylene material and dimensions applicable to Mechanical Joint Adapters (MJAs) used to connect polyethylene pipes to other mechanical joint pipe and components such as metallic valves and ductile-iron fittings.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK55630.htm

AWS (American Welding Society)

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Contact: *Annik Babinski*

Fax: (305) 443-5951

E-mail: ababinski@aws.org

BSR/AWS C6.2/C6.2M-201x, Specification for Friction Welding of Metals (new standard)

Stakeholders: Producers, General Interest, Educators, Consultants, Users.

Project Need: This document specifies the requirements for the manufacture and quality assurance of friction weldments. It also contains requirements for the qualification of welding machines, welding procedures, and welding operators. This specification is directly applicable to inertia, direct-drive, and friction stir variants of friction welding, but may also be used with orbital, angular reciprocating, and linear reciprocating variants.

This specification provides for the qualification of friction welding machines, procedures, and training of welding operators. Qualification of the welding procedure specification (WPS) includes the material specifications involved, weld joint design, destructive and nondestructive examination requirements, as well as guidelines for different categories of quality assurance. Qualification of welding equipment includes weld parameter control and weld reproducibility. Welding operators require training in the proper operation of friction welding equipment. The requirements for requalification of the WPS and equipment are also given.

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BSR/AWS B2.1-1-001-201X, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel, (M-1/P-1, Group 1 or 2), 3/16 inch [5 mm] through 3/4 inch [19 mm], E7016 and E7018, in the As-Welded Condition, Primarily Plate and Structural Applications (new standard)

Stakeholders: Manufacturers, welders, engineers, and CWIs.

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

This standard contains the essential welding variables for carbon steel plate and pipe in the thickness range of 3/16 inch [5 mm] through 3/4 inch [19 mm], using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

BSR/AWS B2.1-1-002-201X, Gas Tungsten Arc Welding of Carbon Steel, (M-1/P-1, Group 1 or 2), 3/16 inch [5 mm] through 7/8 inch [22 mm], ER70S-2, ER70S-3, in the As-Welded Condition, Primarily Plate and Structural Applications (new standard)

Stakeholders: Manufacturers, welders, engineers, and CWIs.

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

This standard contains the essential welding variables for carbon steel plate and pipe in the thickness range of 3/16 inch [5 mm] through 7/8 inch [22 mm], using manual gas tungsten arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

BSR/AWS B2.1-1-232-201X, Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Gas Metal Arc Welding (Short Circuiting Transfer Mode) followed by 75% Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-3 and E71T-X, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)

Stakeholders: Manufacturers, welders, engineers, and CWIs.

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using gas metal arc welding (short circuiting transfer mode) with 75% Argon plus 25% Carbon Dioxide shielding for the root followed by flux-cored arc welding (globular transfer mode) with 75% Argon plus 25% Carbon Dioxide shielding for the balance. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for groove welds. This SWPS was developed primarily for pipe application.

BSR/AWS B2.1-1-233-201X, Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Gas Metal Arc Welding (Short Circuiting Transfer Mode) followed by 98% Argon Plus 2% Oxygen Shielded Gas Metal Arc Welding (Spray Transfer Mode) of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-3, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)

Stakeholders: Manufacturers, welders, engineers, and CWIs.

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using 75% Argon plus 25% Carbon Dioxide shielded gas metal arc welding (short circuiting transfer mode) for the root followed by 98% Argon plus 2% Oxygen shielded gas metal arc welding (spray transfer mode) for the balance. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for groove welds. This SWPS was developed primarily for pipe applications.

BSR/AWS B2.1-1-234-201X, Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E7XT-X, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)

Stakeholders: Manufacturers, welders, engineers, and CWIs.

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using 75% Argon plus 25% Carbon Dioxide shielded flux cored arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for groove and fillet welds. This SWPS was developed primarily for pipe applications.

BSR/AWS B2.1-1-235-201X, Standard Welding Procedure Specification (SWPS) for 98% Argon Plus 2% Oxygen Shielded Gas Metal Arc Welding (Spray Transfer Mode) of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-3, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)

Stakeholders: Manufacturers, welders, engineers, and CWIs.

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using 98% Argon plus 2% Oxygen shielded gas metal arc welding (spray transfer mode). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for groove and fillet welds. This SWPS was developed primarily for pipe applications.

CSA (CSA Group)

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* BSR Z21.5.1-201x, Gas Clothes Dryers, Volume I, Type 1 Clothes Dryers (same as CSA 7.1-201x) (revision of ANSI Z21.5.1-2016)

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

Project Need: Revise the standard for safety.

Details test and examination criteria for Type 1 clothes dryers for use with natural, manufactured or mixed gases, liquefied petroleum gases or LP gas-air mixtures.

IESNA (Illuminating Engineering Society of North America)

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BSR/IES RP-41-201x, Recommended Practice for Port Cargo Terminal Container Lighting (new standard)

Stakeholders: Lighting practitioners, electrical engineers, port facility managers, OSHA, electrical contractors.

Project Need: Establish guidelines for design of LED area lighting for Port Container Facilities.

Establishes guidelines for lighting of port container facilities.

NEMA (ASC C136) (National Electrical Manufacturers Association)

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BSR C136.17-1995 (S201x), Standard for Roadway and Area Lighting Equipment - Enclosed Side-Mounted Luminaires for Horizontal-Burning High-Intensity Discharge Lamps - Mechanical Interchangeability of Refractors (stabilized maintenance of ANSI C136.17-1995 (R2010))

Stakeholders: Producers, users, test labs, specifiers.

Project Need: This project is needed to place the standard into stabilized maintenance. It is the intent to consider requests for change and information on the submittal of such requests.

This standard covers the dimensional features and the materials of refractors of the approximate shape shown in Figures 1 through 3, and as described in ANSI C136.14, American National Standard for Roadway and Area Lighting Equipment - Enclosed Side-Mounted Luminaires for Horizontal-Burning High-Intensity Discharge Lamps.

BSR C136.19-201x, High-Pressure Sodium and Retrofit High-Pressure Sodium Lamps for Mercury Ballasts - Guide for Selection (revision of ANSI C136.19-2010)

Stakeholders: Producers, users, test labs, specifiers.

Project Need: This standard revision is needed to clarify content in the document.

This standard covers the selection of high-pressure sodium lamps recommended for use in roadway and area lighting equipment.

BSR C136.53-201x, Roadway and Area Lighting Equipment - Enclosed Pendant Mounted Luminaires (new standard)

Stakeholders: Producers, users, specifiers, test labs.

Project Need: This project is needed to allow interchangeability of enclosed, pendant-mounted luminaires.

This standard covers dimensional, maintenance, and light distribution features that permit the interchange of enclosed, pendant-mounted luminaires whose center mass is directly below the mounting bracket. Luminaires of similar size, shape, and weight meeting the requirements of this standard may be used interchangeably within a system with assurance that:
- They will fit the mounting pendant;
- Pole strength requirements will not change;
- Light distribution will be similar; and
- Similar maintenance procedures can be used.

BSR C136.54-201x, Occupancy Sensors for Roadway and Area Lighting (new standard)

Stakeholders: Producers, users, test labs, specifiers.

Project Need: This project is needed to establish minimum operating standards for these devices.

This standard covers the following roadway and area lighting equipment, which may be physically and electrically interchanged to operate within established values: (a) Occupancy, vacancy or motion sensors (hereafter called “controls”) that may be mounted in or on roadway and area luminaires, (b) Occupancy or motion sensors that may be mounted externally to control an LED luminaire, (c) Auxiliary devices used to connect occupancy sensors or to augment operation of occupancy sensors used on LED luminaires, and (d) Controls that may provide continuous dimming.

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.

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AMCA
Air Movement and Control Association
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ANS
American Nuclear Society
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ASC X9
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ASHRAE
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ASME
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ICC
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IEEE
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IESNA
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ITI (INCITS)
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MHI
Material Handling Industry
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NBBPVI
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NCPDP
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NEMA (ASC C136)
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UL
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VC (ASC Z80)
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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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 19020, Microbiology of food chain - Horizontal method for the immunoenzymatic detection of staphylococcal enterotoxins in foodstuffs - 9/9/2016, $77.00

BUILDING ENVIRONMENT DESIGN (TC 205)

ISO/DIS 17800, Facility smart grid information model - 9/8/2016, $311.00

COMPRESSORS, PNEUMATIC TOOLS AND PNEUMATIC MACHINES (TC 118)

ISO/DIS 8573-2, Compressed air - Contaminant measurement - Part 2: Oil aerosol content - 11/9/2016, $112.00

CORROSION OF METALS AND ALLOYS (TC 156)

ISO/DIS 19280, Corrosion of Metals and Alloys - Measurement of critical crevice temperature for cylindrical crevice geometries in ferric chloride solution - 11/12/2016, $53.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO/DIS 19127, Geographic information - Geodetic register - 11/6/2016, $112.00

LEATHER (TC 120)

ISO/DIS 15115, Leather - Vocabulary - 11/5/2016, $53.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 8596, Ophthalmic optics - Visual acuity testing - Standard and clinical optotypes and their presentation - 11/5/2016, $53.00

PACKAGING (TC 122)

ISO/DIS 19809, Packaging - Accessible design - Information and marking - 11/12/2016, $82.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 19918, Protective clothing - Protection against chemicals - Measurement of cumulative permeation of chemicals with low vapour pressure through materials - 9/8/2016, $71.00

ROAD VEHICLES (TC 22)

ISO 17949/DAmd1, Impact test procedures for road vehicles - Seating and positioning procedures for anthropomorphic test devices - Procedure for the WorldSID 50th percentile male side-impact dummy in front outboard seating positions - Amendment 1 - 11/6/2016, $29.00

ISO/DIS 20077-1, Road Vehicles - Extended vehicle (ExVe) methodology - Part 1: General information - 9/8/2016, $82.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 1856, Flexible cellular polymeric materials - Determination of compression set - 9/8/2016, $33.00

ISO/DIS 32100, Rubber- or plastics-coated fabrics - Physical and mechanical tests - Determination of flex resistance by the flexometer method - 11/10/2016, $53.00

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

ISO/DIS 6710, Single-use containers for venous blood specimen collection - 11/11/2016, $82.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14651/DAmd1, Information technology - International string ordering and comparison - Method for comparing character strings and description of the common template tailorable ordering - Amendment 1 - 11/13/2016, $40.00

ISO/IEC 23001-8/DAmd1, Information technology - MPEG systems technologies - Part 8: Coding-independent code points - Amendment 1: Additional code points for colour description - 11/10/2016, $62.00

ISO/IEC 23003-4/DAmd2, Information technology - MPEG audio technologies - Part 4: Dynamic Range Control - Amendment 2: Reference software - 11/4/2016, $33.00

ISO/IEC 14496-10/DAmd4, Information technology - Coding of audio-visual objects - Part 10: Advanced Video Coding - Amendment 4: Additional colour space and tone mapping descriptors - 11/9/2015, $82.00

ISO/IEC 23008-12/DAmd1, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 12: Image file format - Amendment 1: Support for AVC, JPEG and layered coding of images - 11/4/2016, $88.00

ISO/IEC DIS 20382-1, Information technology - User interfaces - Face-to-face speech translation - Part 1: User interface - 11/6/2016, $62.00

ISO/IEC DIS 20382-2, Information technology - User interface - Face-to-face speech translation - Part 2: System architecture and functional components - 11/6/2016, $82.00

ISO/IEC DIS 30107-2, Information Technology - Biometric presentation attack detection - Part 2: Data formats - 11/4/2016, $67.00

ISO/IEC DIS 30107-3, Information technology - Biometric presentation attack detection - Part 3: Testing and reporting - 11/5/2016, $98.00

ISO/IEC DIS 19794-15, Information technology - Biometric data interchange format - Part 15: Palm crease image data - 9/8/2016, $82.00

IEC Standards

3D/282/DTS, IEC/TS 62720 Ed2: Identification of units of measurement for computer-based processing, 11/11/2016

8/1437/CD, IEC/TS 62898-2 Ed.1: Microgrids- Guidelines for Microgrid Operation (and Control), 10/14/2016

9/2185/CDV, IEC 61375-2-6 Ed.1: Electronic railway equipment - Train communication network - Part 2-6: On-board to ground communication, 11/11/2016

23B/1213/CDV, IEC 60884-2-5 Ed.2: Plugs and socket-outlets for household and similar purposes - Part 2: Particular requirements for adaptors, 11/11/2016

34C/1250/CD, IEC 62386-101 A1 Ed.2: Digital addressable lighting interface - Part 101: General requirements - System components, 11/11/2016

34C/1252/CD, IEC 62386-102 A1 Ed.2: Digital addressable lighting interface - Part 102: General requirements - Control gear, 11/11/2016

34C/1254/CD, IEC 62386-103 A1 Ed.1: Digital addressable lighting interface - Part 103: General requirements - Control devices, 11/11/2016

57/1737/CDV, IEC 62325-451-4 Ed.2: Framework for energy market communications - Part 451-4: Settlement and reconciliation business process, contextual and assembly models for European market, 11/11/2016

62B/1021/DTS, ISO 10974: Assessment of the safety of magnetic resonance imaging for patients with an active implantable medical device, 11/11/2016

62B/1022/PAS, IEC 63077: Good refurbishment practices for medical imaging equipment, 10/14/2016

76/550/CD, IEC TR 60825-5: Safety of laser products - Part 5: Manufacturer's checklist for IEC 60825-1, 10/14/2016

76/552/CD, IEC 60601-2-22: Medical electrical equipment - Part 2-22: Particular requirements for basic safety and essential performance of surgical, cosmetic, therapeutic and diagnostic laser equipment, 10/14/2016

86A/1747/CDV, IEC 60793-1-1/Ed4: Optical fibres - Part 1-1: Measurement methods and test procedures - General and guidance, 11/11/2016

89/1334/DTS, IEC 60695-1-14-TS/Ed1: Fire hazard testing - Part 1-14: Guidance on the different levels of power and energy related to the probability of ignition and fire in low voltage electrotechnical products, 11/11/2016

100/2715/CDV, IEC 60728-2 Ed. 3.0 Cable networks for television signals sound signals and interactive services - Part 2: Electromagnetic compatibility for equipment (TA 5), 11/11/2016

110/788/NP, Future IEC 62908-12-30: Touch and interactive displays - Part 12-30: Pressure touch performance measuring methods, 11/11/2016

113/333/Q, PWI on: Nanomanufacturing - Key control characteristics - Graphene - Measurement of sheet resistance by terahertz time-domain spectroscopy, 09/30/2016

113/334/DTS, IEC TS 62876-2-1: Nanotechnology - Reliability assessment - Part 2.1: Nano-enabled photovoltaic - Stability test, 11/11/2016

Newly Published ISO & IEC Standards

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

ISO Standards

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 11816-2:2016, Milk and milk products - Determination of alkaline phosphatase activity - Part 2: Fluorimetric method for cheese, $123.00

GRAPHICAL SYMBOLS (TC 145)

ISO 28564-2:2016, Public information guidance systems - Part 2: Guidelines for the design and use of location signs and direction signs, $173.00

IMPLANTS FOR SURGERY (TC 150)

ISO 15674:2016, Cardiovascular implants and artificial organs - Hard-shell cardiotomy/venous reservoir systems (with/without filter) and soft venous reservoir bags, $88.00

ISO 15675:2016, Cardiovascular implants and artificial organs - Cardiopulmonary bypass systems - Arterial blood line filters, $88.00

ISO 15676:2016, Cardiovascular implants and artificial organs - Requirements for single-use tubing packs for cardiopulmonary bypass and extracorporeal membrane oxygenation (ECMO), $88.00

ISO 18241:2016, Cardiovascular implants and extracorporeal systems - Cardiopulmonary bypass systems - Venous bubble traps, $88.00

ISO 18242:2016, Cardiovascular implants and extracorporeal systems - Centrifugal blood pumps, $88.00

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

ISO 18797-1:2016, Petroleum, petrochemical and natural gas industries - External corrosion protection of risers by coatings and linings - Part 1: Elastomeric coating systems -polychloroprene or EPDM, $173.00

PAPER, BOARD AND PULPS (TC 6)

ISO 9197:2016, Paper, board and pulps - Determination of water-soluble chlorides, $88.00

PLASTICS (TC 61)

ISO 19679:2016, Plastics - Determination of aerobic biodegradation of non-floating plastic materials in a seawater/sediment interface - Method by analysis of evolved carbon dioxide, $88.00

STEEL (TC 17)

ISO 13976:2016, Hot-rolled steel sheet in coils of structural quality and heavy thickness, $88.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 15886-3/Amd1:2016, Agricultural irrigation equipment - Sprinklers - Part 3: Characterization of distribution and test methods - Amendment 1, $22.00

ISO 3767-2:2016, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator controls and other displays - Part 2: Symbols for agricultural tractors and machinery, $240.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO 18746:2016, Traditional Chinese medicine - Sterile intradermal acupuncture needles for single use, $88.00

ISO Technical Reports

ENVIRONMENTAL MANAGEMENT (TC 207)

ISO/TR 14073:2016, Environmental management - Water footprint - Illustrative examples on how to apply ISO 14046, $240.00

ISO Technical Specifications

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TS 16460:2016, Intelligent transport systems - Communications access for land mobiles (CALM) - Communication protocol messages for global usage, $200.00

IEC Standards

AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)

IEC 62680-1-3 Ed. 1.0 en:2016, Universal serial bus interfaces for data and power - Part 1-3: Universal Serial Bus interfaces - Common components - USB Type-C™ cable and connector specification, $411.00

CABLES, WIRES, WAVEGUIDES, R.F. CONNECTORS, AND ACCESSORIES FOR COMMUNICATION AND SIGNALLING (TC 46)

IEC 61169-58 Ed. 1.0 b:2016, Radio-frequency connectors - Part 58: Sectional specification for RF coaxial connectors with blind-mate coupling - Characteristic impedance 50 Ω (type SBMA), $182.00

ELECTRICAL ACCESSORIES (TC 23)

IEC 60898-2 Ed. 2.0 b:2016, Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 2: Circuit-breakers for AC and DC operation, $121.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

IEC 60601-2-40 Ed. 2.0 b:2016, Medical electrical equipment - Part 2 -40: Particular requirements for the basic safety and essential performance of electromyographs and evoked response equipment, $206.00

INSULATORS (TC 36)

IEC 62772 Ed. 1.0 b:2016, Composite hollow core station post insulators for substations with a.c. voltage greater than 1 000 V and d.c. voltage greater than 1 500 V - Definitions, test methods and acceptance criteria, $157.00

MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS (TC 80)

IEC 61097-4 Ed. 3.1 en:2016, Global maritime distress and safety system (GMDSS) - Part 4: Inmarsat-C ship earth station and Inmarsat enhanced group call (EGC) equipment - Operational and performance requirements, methods of testing and required test results, $266.00

IEC 61097-4 Amd.1 Ed. 3.0 en:2016, Amendment 1 - Global maritime distress and safety system (GMDSS) - Part 4: Inmarsat-C ship earth station and Inmarsat enhanced group call (EGC) equipment - Operational and performance requirements, methods of testing and required test results, $14.00

OTHER

CISPR 35 Ed. 1.0 b:2016, Electromagnetic compatibility of multimedia equipment - Immunity requirements, $351.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

IEC 61730-1 Ed. 2.0 b:2016, Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction, $303.00

IEC 61730-2 Ed. 2.0 b:2016, Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing, $303.00

S+ IEC 61730-2 Ed. 2.0 en:2016 (Redline version), Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing, $363.00

IEC Technical Reports

ELECTRICAL ACCESSORIES (TC 23)

IEC/TR 63036 Ed. 1.0 en:2016, Electrical interface specification for phase-cut dimmer in phase-cut dimmed lighting systems, $230.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

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

The INCITS Executive Board has eleven membership categories that can be viewed at http://www.incits.org/participation/membership-info. Membership in all categories is always welcome. INCITS also seeks to broaden its membership base and looks to recruit new participants in the following under-represented membership categories:

- **Producer – Hardware**

  This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

  This category primarily produces software products for the ITC marketplace.

- **Distributor**

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

- **User**

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

- **Consultants**

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

- **Standards Development Organizations and Consortia**

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

- **Academic Institution**

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

- **Other**

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

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

Calls for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Approval of Reaccreditation

EIFS Industry Members Association (EIMA)

The reaccreditation of the EIFS Industry Members Association (EIMA), an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under EIMA's recently revised operating procedures for documenting consensus on EIMA-sponsored American National Standards, effective August 23, 2016. For additional information, please contact: Mr. Dustin Antonello, Manager, Regulatory and Technical Affairs, EIFS Industry Members Association, 513 West Broad Street, Suite 210, Falls Church, VA 22046-3257; phone: 703.538.1729; e-mail: dantonello@eima.com.

IREC – Interstate Renewable Energy Council

The reaccreditation of the EIFS Industry Members Association (EIMA), an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under EIMA's recently revised operating procedures for documenting consensus on EIMA-sponsored American National Standards, effective August 23, 2016. For additional information, please contact: Mr. Dustin Antonello, Manager, Regulatory and Technical Affairs, EIFS Industry Members Association, 513 West Broad Street, Suite 210, Falls Church, VA 22046-3257; phone: 703.538.1729; e-mail: dantonello@eima.com.

ANSI Accreditation Program for Third Party Product Certification

Application for Product Certification Accreditation Program

Infinity Certification Services

Comment Deadline: September 26, 2016

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

Certification body has submitted formal application for accreditation by ANSI of the following certification program of this certification body:

Safe Quality Food Institute (SQFI)

Good Manufacturing Practices for Production of Food Packaging, Edition 7.2, July 2014

Please send your comments by September 26, 2016 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 Proposal for a New Field of ISO Technical Activity

Exhibitions, Events and Conventions

Comment Deadline: October 7, 2016

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on Exhibitions, Events and Conventions, with the following scope statement:

Standardization of exhibitions (trade shows, trade fairs), events and conventions (conferences, congresses, meetings, forums, seminars), including terminology, classification, statistics, information system, safety control, service and personnel requirements, and sustainability management.

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, October 7, 2016.

Remanufacturing Technology

Comment Deadline: September 2, 2016

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on Remanufacturing Technology, with the following scope statement:

Standardization and coordination of remanufacturing technology, including remanufacturing terminology standards and generic technology standards for remanufacturing processes, such as dismantling, cleaning, inspection, coating preparation, forming processing and assembly. The scope of the new TC does not include the relevant areas of TC 127 and TC 67/SC4.

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, September 2, 2016.

International Electrotechnical Commission (IEC)

NEMA Advises Intent to Relinquish USNC/IECRE Secretariat

Comment Deadline: September 7, 2016

The Association of Electrical Equipment and Medical Imaging Manufacturers (NEMA) has announced to the USNC Office its intent to relinquish its assignment as US Secretariat for the USNC/IECRE (Renewable Energy IEC System for Certification to Standards Relating to Equipment for Use in Renewable Energy Applications).

Scope of IECRE:

The IEC System for Certification to Standards Relating to Equipment for Use in Renewable Energy Applications (IECRE System) aims to facilitate international trade in equipment and services for use in Renewable Energy Sectors while maintaining the required level of safety.

In order to achieve this, it:

- operates a single, global certification system;

- aims for acceptance by local/national authorities or other bodies requiring and benefiting from certification;

- will make use of high-quality International Standards and allow for continuous improvement.

If any entities are interested in being considered for assignment as the US Secretariat for the USNCRE, they are invited to contact the USNC General Secretary at tzertuche@ansi.org or via the contact information provided below NO LATER THAN WEDNESDAY, SEPTEMBER 7, 2016. The USNC Conformity Assessment Policy Coordinating Committee (CAPCC) will consider any expressions of interest received and will allocate the assignment as appropriate. If no entities express interest in this assignment, the CAPCC will consider withdrawing from the IECRE System.

Meeting Notice

AHRI Meeting

Development of AHRI Standard 1520P for Centrifugal Compressors

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on October 6 from 3 p.m. to 4:30 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Justin Prosser at jprosser@ahrinet.org.

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 180/SC 4 – *Systems - Thermal performance, reliability and durability*

Reply Deadline: September 8, 2016

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 180/SC 4 – *Systems - Thermal performance, reliability and durability*. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 180/SC 4 to the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. (ASHRAE). ASHRAE has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

Development of standards in the field of Systems – Thermal performance, reliability and durability within the scope of ISO/TC 180:

> *Standardization in the field of solar energy utilization in space and water heating, cooling, industrial process heating and air conditioning.*

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 180/SC 4. 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 180/SC 4 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by **Friday, September 8, 2016**, 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).

BSR/ASHRAE Addendum ak
to ANSI/ASHRAE Standard 34-2013

First Public Review Draft

Proposed Addendum ak to Standard 34-2013, Designation and Safety Classification of Refrigerants

First Public Review (August 2016)
(Draft shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

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

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

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

FOREWORD

This addendum adds the zeotropic refrigerant blend R-459A in Table 4-2 and Table D-2.

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

Addendum ak to 34-2013

Add the following underlined data to Table 4-2 and Table D-2 in the columns indicated.

TABLE 4-2 Data and Safety Classifications for Refrigerant Blends
Refrigerant Number = 459A
Composition (Mass %) = R-32/1234yf/1234ze(E) (68.0 / 26.0 / 6.0)
Composition tolerances = +0.5, -1.5 / ±2.0 / +1.5, -0.5
OEL = 870
Safety Group = A2L
RCL = 27,000 ppm v/v; 23 lb/Mcf; 360 g/m3
Highly Toxic or Toxic Under Code Classification = Neither

TABLE D-2 Data for Refrigerant Blends
Refrigerant Number = 459A
Composition (Mass %) = R-32/1234yf/1234ze(E) (68.0 / 26.0 / 6.0)
Average Molecular Mass = 63.0 g/mol
Bubble Point (°F) = -58.6
Dew Point (°F)= -55.5
Bubble Point (°C)= -50.3
Dew Point (°C)= -48.6

BSR/ASHRAE Addendum al
to ANSI/ASHRAE Standard 34-2013

First Public Review Draft

Proposed Addendum al to Standard 34-2013, Designation and Safety Classification of Refrigerants

First Public Review (August 2016)
(Draft shows Proposed Changes to Current Standard)

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BSR/ASHRAE Addendum al to ANSI/ASHRAE Standard 34-2013, *Designation and Safety Classification of Refrigerants*

First Public Review Draft

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FOREWORD

This addendum adds the zeotropic refrigerant blend R-459B in Table 4-2 and Table D-2.

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

Addendum al to 34-2013

Add the following underlined data to Table 4-2 and Table D-2 in the columns indicated.

TABLE 4-2 Data and Safety Classifications for Refrigerant Blends
Refrigerant Number = 459B
Composition (Mass %) = R-32 / 1234yf / 1234ze(E) (21.0 / 69.0 / 10.0)
Composition tolerances = +0.5, -1.0 / ±2.0 / ±1.0
OEL = 640
Safety Group = A2L
RCL = 16,000 ppm v/v; 30 lb/Mcf; 470 g/m3
Highly Toxic or Toxic Under Code Classification = Neither

TABLE D-2 Data for Refrigerant Blends
Refrigerant Number = 459B
Composition (Mass %) = R-32 / 1234yf / 1234ze(E) (21.0 / 69.0 / 10.0)
Average Molecular Mass = 91.2 g/mol
Bubble Point (°F) = -47.2
Dew Point (°F)= -33.0
Bubble Point (°C)= -44.0
Dew Point (°C)= -36.1

BSR/ASHRAE Addendum am to
ANSI/ASHRAE Standard 34-2013

First Public Review Draft

Proposed Addendum am to Standard 34-2013, Designation and Safety Classification of Refrigerants

First Public Review (August 2016)
(Draft shows Proposed Changes to Current Standard)

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BSR/ASHRAE Addendum am to ANSI/ASHRAE Standard 34-2013, *Designation and Safety Classification of Refrigerants*

First Public Review Draft

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FOREWORD

This addendum adds the zeotropic refrigerant blend R-460A in Table 4-2 and Table D-2.

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

Addendum am to 34-2013

Add the following underlined data to Table 4-2 and Table D-2 in the columns indicated.

TABLE 4-2 Data and Safety Classifications for Refrigerant Blends
Refrigerant Number = 460A
Composition (Mass %) = R-32 / 125 / 134a / 1234ze(E) (12.0 / 52.0 / 14.0 / 22.0)
Composition tolerances = ±1.0 / ±1.0 / ±1.0 / ±1.0
OEL = 650
Safety Group = A1
RCL = 92,000 ppm v/v; 24 lb/Mcf; 380 g/m3
Highly Toxic or Toxic Under Code Classification = Neither

TABLE D-2 Data for Refrigerant Blends
Refrigerant Number = 460A
Composition (Mass %) = R-32 / 125 / 134a / 1234ze(E) (12.0 / 52.0 / 14.0 / 22.0)
Average Molecular Mass = 100.6 g/mol
Bubble Point (°F) = -48.3
Dew Point (°F)= -35.0
Bubble Point (°C)= -44.6
Dew Point (°C)= -37.2

BSR/ASHRAE Addendum an to
ANSI/ASHRAE Standard 34-2013

First Public Review Draft

Proposed Addendum an to Standard 34-2013, Designation and Safety Classification of Refrigerants

First Public Review (August 2016)
(Draft shows Proposed Changes to Current Standard)

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FOREWORD

This addendum adds the zeotropic refrigerant blend R-460B in Table 4-2 and Table D-2.

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

Addendum an to 34-2013

Add the following underlined data to Table 4-2 and Table D-2 in the columns indicated.

TABLE 4-2 Data and Safety Classifications for Refrigerant Blends
Refrigerant Number = 460B
Composition (Mass %) = R-32 / 125 / 134a / 1234ze(E) (28.0 / 25.0 / 20.0 / 27.0)
Composition tolerances = ±1.0 / ±1.0 / ±1.0 / ±1.0
OEL = 950
Safety Group = A1
RCL = 120,000 ppm v/v; 25 lb/Mcf; 400 g/m3
Highly Toxic or Toxic Under Code Classification = Neither

TABLE D-2 Data for Refrigerant Blends
Refrigerant Number = 460B
Composition (Mass %) = R-32 / 125 / 134a / 1234ze(E) (28.0 / 25.0 / 20.0 / 27.0)
Average Molecular Mass = 84.8 g/mol
Bubble Point (°F) = -49.4
Dew Point (°F)= -34.8
Bubble Point (°C)= -45.2
Dew Point (°C)= -37.1

BSR/UL 25, Standard for Safety for Meters for Flammable and Combustible Liquids and LP-Gas

1. Addition of torque requirements for larger size valve

PROPOSAL

Table 11.1

Torque requirements for pipe connections

Pipe size, nominal inches	Outside diameter,		Torque,	
	mm	(inch)	N·m	(pound-inches)
1/8	10.29	0.405	17.0	150
1/4	13.72	0.540	28.0	250
3/8	17.15	0.675	51.0	450
1/2	21.34	0.840	90.0	800
3/4	26.67	1.050	113.0	1000
1	33.40	1.315	137.0	1200
1-1/4	42.16	1.660	164.0	1450
1-1/2	48.26	1.900	175.0	1550
2	60.33	2.375	186.0	1650
2-1/2	73.03	2.875	198.0	1750
3	88.90	3.500	203.0	1800
4	114.3	4.5	215	1900

BSR/UL 25A, Standard for Safety for Meters for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 -E85)

1. Addition of torque requirements for larger size valve

PROPOSAL

Table 16.1

Torque requirements for pipe connections

Pipe size, nominal inches	Outside diameter,		Torque,	
	mm	(inch)	N·m	(pound-inches)
1/8	10.29	0.405	17.0	150
1/4	13.72	0.540	28.0	250
3/8	17.15	0.675	51.0	450
1/2	21.34	0.840	90.0	800
3/4	26.67	1.050	113.0	1000
1	33.40	1.315	137.0	1200
1-1/4	42.16	1.660	164.0	1450
1-1/2	48.26	1.900	175.0	1550
2	60.33	2.375	186.0	1650
2-1/2	73.03	2.875	198.0	1750
3	88.90	3.500	203.0	1800
4	114.3	4.5	215	1900

BSR/UL 25B, Standard for Safety for Meters for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil

1. Addition of torque requirements for larger size valve

PROPOSAL

Table 16.1

Torque requirements for pipe connections

Pipe size, nominal inches	Outside diameter,		Torque,	
	mm	(inch)	N·m	(pound-inches)
1/8	10.29	0.405	17.0	150
1/4	13.72	0.540	28.0	250
3/8	17.15	0.675	51.0	450
1/2	21.34	0.840	90.0	800
3/4	26.67	1.050	113.0	1000
1	33.40	1.315	137.0	1200
1-1/4	42.16	1.660	164.0	1450
1-1/2	48.26	1.900	175.0	1550
2	60.33	2.375	186.0	1650
2-1/2	73.03	2.875	198.0	1750
3	88.90	3.500	203.0	1800
4	114.3	4.5	215	1900

BSR/UL 295, Standard for Safety for Commercial-Industrial Gas Burners

1. Addition of requirements for gas assist (pre-mix) burners

PROPOSAL

5.29.1 IGNITION, DIRECT ELECTRIC - Automatic ignition of the main burner gas by an electrically energized device such as an electrical spark igniter or hot surface igniter.

5.29.2 IGNITION, DIRECT SPARK WITH GAS ASSIST - An ignition system with an ancillary burner intended to assist in the safe and smooth ignition of the main burner flame in a direct-spark ignition system and provided with a separate fuel piping arrangement downstream of the main safety shutoff valves of the gas-fired burner assembly.

31.4 The lighting of the main burner flame shall be accomplished by a pilot flame or by an electric igniter complying with 31.5 or 31.5.1 and 31.6.

31.5.1 For an automatically ignited mechanical draft burner, ignition of the main burner flame may be accomplished by an interrupted or intermittent direct spark ignition with gas assist, see 5.29.2, that is piped downstream of the main safety shutoff valves. When the direct spark ignition with gas assist provides interrupted ignition, the gas assist system shall have a separate SSOV to interrupt the fuel. The gas-fired burner assembly shall comply with the Delayed Ignition Test, Section 50. The maximum fuel input that is ignited directly by an electric igniter shall not exceed 2,500,000 Btu per hour, see 31.6.

50.1.1 When a direct spark ignition with gas assist system is utilized on the gas-fired burner assembly, see 31.5.1, the delayed ignition test shall be conducted in accordance with 50.2 and 50.3 with the gas assist burner safety shutoff and/or manual valves, as applicable, in both the open and closed positions. This test shall not result in flashback of flame to the outside of the appliance or any damage to the appliance and the connected vent system.

2. Clarification of requirements for high gas pressure switch

PROPOSAL

37.2 With respect to 37.1, the high gas pressure switch may be located downstream of the main burner regulator and upstream of the safety shutoff valves if it can be determined the burner is capable of operation at the intended pressure settings. A burner incorporating a zero governor combination gas valve(s) that cause safety shutdown and lockout if the combination gas valve's gas regulator fails is deemed to meet the intent of the requirements for high gas-pressure supervision.

BSR/UL 296, Standard for Safety for Oil Burners

1. Revise requirements for programming and timings for burners

PROPOSAL

(CURRENT) Table 29.1

Safety control timing

Maximum main flame hourly input gallons (gph)	Ignition	Nominal maximum timings in seconds[a]	
		Main flame establishing period[b,c]	Flame-failure reaction time[d]
3 (11.4 liters/hr) (approximately 400,000 Btu) (421,600 kJ) or less	Unproved igniter or pilot	90	90
20 (76 liters/hr) (approximately 3,000,000 Btu) (3,160,000 kJ) or less	Unproved igniter or pilot	15	3[e]
Over 20 (76 liters/hr) (approximately 3,000,000 Btu) (3,160,000 kJ)[f]	Proved igniter or pilot required	10 or 15[g]	3

[a] The nominal timing is the designed duration of the period determined at rated voltage of the control in a room temperature of 70°F (21.1°C). Allowable factory tolerance may be in addition thereto.

[b] The maximum input for determining the main-flame establishing period for a burner not equipped as indicated in (c) is to be the maximum input of the burner.

[c] The maximum input for determining the main-flame establishing period and for determining if a proved pilot or igniter is required for a burner equipped to start on low fire only is to be the input to the largest fire that can be initially ignited, provided the input to that fire cannot be increased until ignition of the low fire is established and proved.

[d] The flame-failure reaction timing is to be based on the burner's maximum input. The flame-failure reaction time is the interval between the occurrence of flame extinguishment and the time the safety shutoff device is de-energized. For burners having an hourly input of 400,000 Btu (421,600 kJ) or less, the timing may be the interval measured from the time the sensing device first detects loss of flame to the time the safety shutoff device is de-energized.

[e] A flame-failure reaction time of more than 3 seconds, but not more than 15 seconds, is permitted if intermittent ignition is employed, or if the ignition system is reenergized in not more than 0.8 seconds after flame extinguishment occurs.

[f] The timings given for burners required to be equipped with a proved igniter or pilot may also be applied to burners firing 20 gph (76 liters/hr) or less when such burners are equipped with proved ignition or pilot.

[g] For burners equipped to burn a distillate fuel and burners equipped to burn a residual fuel the maximum main flame establishing periods are 10 and 15 seconds respectively. Where it can be demonstrated by tests that a burner equipped to burn a residual fuel needs a longer main flame establishing period so as to avoid nuisance shutdown, such MFEP may be more than 15 but not more than 30 seconds provided not more than 15 seconds of unburned fuel is discharged during an attempt to establish main flame.

(PROPOSED) Table 29.1

Required programming and timings for burners based on maximum fuel input rating

Operation	Maximum firing rate per combustion chamber		
	3 gph[a] (11.4 liters/hr) or less	**Above 3 gph (11.4 liters/hr) to 20 gph[b] (76 liters/hr)**	**Above 20 gph[b] (76 liters/hr)**
Prepurge	Not required	Up to 7 gph (26.5 L/h), not required. Greater than 7 gph, four air changes[c,d]	Four air changes[d]
Postpurge	Not required	Not required	15 seconds minimum
Pilot type and flame establishing period	N/A	Interrupted, 10 seconds maximum	Interrupted, 10 seconds maximum
Main burner flame establishing period			
Ignited by pilot	N/A	15 seconds maximum	10 seconds maximum firing distillate fuel, 15 maximum firing residual fuel[c]
Direct ignition	90 seconds maximum	15 seconds maximum[a]	10 seconds maximum firing distillate fuel, 15 maximum firing residual fuel[e] (Low-fire start required)
Flame failure reaction time[f]	90 seconds maximum	4 seconds maximum[g]	4 seconds maximum

Safety shutoff valve closing time after de-energization	Not specified	5 second maximum	1 second maximum
Action required on flame failure	One recycle permitted	One recycle permitted	Safety shutdown required
Proven low fire start	Not required	Not required	Required for direct ignition[h]
Combustion air proving	Not required	Required[i]	Required
Action required on loss of combustion air	Not required	Fuel shutoff with automatic restart when combustion air reestablished (See 11.10)	Safety shutdown (See 11.9)
Fuel pressure supervision	Not required	Not required	Required if oil pump operates independently of the burner. (See 11.13)
Low atomizing media supervision	Not required	Required unless atomization by air pump integral with burner. (See 11.14)	Required (See 11.14)
Oil temperature supervision	High and low temperature supervision required on preheated oil. (See 7.17)	High and low temperature supervision required on preheated oil. (See 7.17)	High and low temperature supervision required on preheated oil. (See 7.17)

[a] Approximately 400,000 Btu/hr (117 kW) firing distillate fuel

[b] Approximately 3,000,000 Btu/hr (879 kW) firing distillate fuel

[c] Prepurge is not required for a burner over 7 gph up to 20 gph if the oil pump is integral with the burner. See 12.1.

[d] Accomplished by 30 seconds prepurge at air flow equivalent to maximum high fire input; or 60 seconds prepurge at air flow equivalent to 60% of maximum high fire input, see 12.2; or alternate method described in 12.3.

[e] Where it can be demonstrated by tests that a burner equipped to burn a residual fuel needs a longer main flame establishing period so as to avoid nuisance shutdown, such MFEP may be more than 15 but not more than 30 seconds provided not more than 15 seconds of unburned fuel is discharged during an attempt to establish main flame.

[f] The flame-failure reaction time is to be considered, the interval between the actual

flame extinguishment and the time the safety shutoff device (such as an oil valve) is de-energized.
[g] A flame-failure reaction time of more than 4 seconds, but not more than 15 seconds, is permitted if intermittent ignition is employed, or if the ignition system is reenergized in not more than 0.8 seconds after flame extinguishment occurs.
[h] Low fire start is ignition of the main flame at an input not greater than 20 gph.
[l] Applicable when the combustion air is supplied by a forced or induced draft fan which is not integral with the burner motor shaft. See 11.10.

BSR/UL 521, Standard for Safety for Heat Detectors for Fire Protective Signaling Systems

PROPOSALS

1. Alternative Paintbrush Marking for "Do Not Paint" Requirement

53.1 A heat detector shall be permanently marked, see the Marking Label Adhesion Tests, Section 35, with the information specified in (a) - (e). The marking in (f) shall also be provided as applicable. The marking shall be in a contrasting color, finish, or the equivalent. Markings described in (a) - (d) may appear on the inside of the device if it can be examined upon removal of not more than two mounting screws.

a) Name or identifying symbol of the manufacturer or private labeler.

b) Temperature rating in degrees Fahrenheit. For a line type of cable the temperature may be identified by colored threads woven in the braid.

c) Model number and date of manufacture or equivalent.

d) Electrical rating of contacts in volts, amperes or watts, and frequency.

e) The designation "DO NOT PAINT", ~~or the equivalent~~, and/or the symbol indicated below. The letters shall be not less than 1/8 inch (3 mm) high and shall be located so as to be clearly visible after the heat detector is mounted in its intended manner.

(NEW)

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

f) Two-wire electronic heat detectors shall include a compatibility identifier consisting of any six-digit or less alphanumeric combination.

2. Updates to Referenced ASTM Standards

25.3.3 Salt spray

25.3.3.1 The apparatus for salt spray (fog) testing consists of a fog chamber, the inside of which measures 48 by 30 by 36 inches (1.2 by 0.76 by 0.91 m), a salt solution reservoir, a supply of conditioned compressed air, one dispersion tower constructed in accordance with ~~Salt Spray (Fog) Testing~~ ASTM B117~~-73~~, Standard Practice for Operating Salt Spray (Fog) Apparatus, for producing a salt fog, specimen supports, provision for heating the chamber, and necessary means of control.

26.2 Ammonia stress cracking test

26.2.1 A diaphragm enclosure, made of copper alloy, of a rate-of-rise heat detector shall be subjected to the test procedures outlined in~~Ammonia Stress Cracking Test~~, ASTM G37, Standard Practice for Use of Mattsson's Solution of pH 7.2 to Evaluate the Stress-Corrosion Cracking Susceptibility of Copper-Zinc Alloy.

BSR/UL 778, Standard for Safety for Motor-Operated Water Pumps

1. Proposal to Add Requirements for Button or Coin Cell Batteries of Lithium Technologies, New 5A

(NEW)

5A Button or Coin Cell Batteries of Lithium Technologies

5A.1 The battery compartment of an appliance or any accessory, such as a wireless control, incorporating one or more coin cell batteries of lithium technologies shall comply with the Standard for Products Incorporating Button or Coin Cell Batteries of Lithium Technologies, UL 4200A, if the appliance or any accessory:

a) Is intended for use with one or more single cell batteries having a diameter of 32 mm (1.25 in) maximum with a diameter greater than its height; and

b) The appliance is intended for household use.

Exception: Not applicable to appliances and accessories intended for use where the battery is not intended to be replaced and is not referenced in instructions and markings.

BSR/UL 1004-1, Standard for Rotating Electrical Machines - General Requirements

1. Exception for non-metallic functional parts and revised definition

PROPOSAL

5.35 NON-METALLIC FUNCTIONAL PART - A non-metallic, typically, but not necessarily, polymeric, part that is required for the safe operation of the machine (that is, not a trim part). The removal or absence of the part would either render the machine inoperative or unable to satisfy the remaining requirements of this Standard with regard to safe operation. The failure of the part (typically through deformation) would result in a risk of fire, shock, or injury. Polymeric impellers as part of a motor intended to move air for the purposes of cooling are not considered non-metallic functional parts if they do not contact bare live parts.

28.1 A non-metallic functional part, the breakdown of which creates a risk of fire, electric shock or injury to persons, shall be evaluated as described in this Section and as illustrated in Figure 28.1.

Exception No. 1: A non-metallic part outside the enclosure of a totally-enclosed motor is not required to be investigated with respect to resistance to ignition from electrical sources.

Exception No. 2: A non-metallic functional part which forms a part of a motor which complies with the Locked-Rotor Endurance Test of the Standard for Impedance Protected Motors, UL 1004-2, or the Standard for Thermally Protected Motors, UL 1004-3, is not required to be further evaluated.

Exception No. 3: This requirement does not apply to a non-metallic functional part that is either:

a) Made of a thermoset material; or

b) Has an established RTI which is higher than the required values of the Temperature Test of Section 32.

2. Addition of requirements to address separation of circuits

PROPOSAL

17.5 Machines with multiple circuits or circuits with different potentials shall have suitable separation between circuits in accordance with 20.21.

20.21 Insulated conductors of different circuits or different voltages within the same circuit within a machine shall be separated, including wires within a terminal box or wiring compartment. The separation shall be accomplished by one of the following means:

a) A physical barrier;

b) By clamping, routing or an equivalent means that maintains permanent separation from other circuits; or

c) Providing insulation suitable for the highest voltage rating for each circuit.

BSR/UL 1254, Standard for Safety for Pre-Engineered Dry Chemical Extinguishing System Units

1. Withdrawal of Proposal: UL 1254 - Labeling requirements

PROPOSAL

62.2 Operating, recharging, inspection and maintenance instructions shall be marked on the cylinder/valve assembly and shall include at least the following information:

a) Type of dry chemical to be used, identified by part number, or equivalent identification.

b) Operating pressure of the unit at 70°F (21°C).

c) Storage temperature range of the unit.

d) Factory test pressure of the cylinder.

e) Reference to the Standard for Dry Chemical Extinguishing Systems, NFPA 17 (except for automatic extinguisher units) and the manufacturer's installation, operation, and maintenance instruction manual (identified by part number or date) for detailed instructions for correct system usage and maintenance.

f) The charge weight for dry chemical extinguishing agent.

g) Basic inspection instructions, which shall include the following or equivalent text:

1) "The extinguishing system unit shall be inspected monthly, or at more frequent intervals when circumstances require,"

2) "The piping and nozzle shall be examined to ascertain that they are unobstructed,"

3) For stored pressure type units, "The unit shall be pressurized as intended."

4) For gas cartridges, "The cartridge shall be weighed semiannually and replaced if the loss in weight exceeds the permissible weight loss marked on this cartridge."

h) When intended for Class B local application protection, a statement indicating whether the unit is intended for indoor use or outdoor use, or both.

i) For extinguishing system units intended to be connected to a piping system in the field, the following statement or equivalent text shall appear in letters at least 1/8 inch (3.2 mm) high: "WARNING: The anti-recoil device shall be installed on the cylinder valve except when the cylinder assembly is connected to the system piping or while the cylinder is being filled."

j) Identification of contents as follows:

1) Contents product name as it appears on the manufacturer's Material Safety Data Sheet (MSDS).

2) A listing of the hazardous material identification in accordance with the National Paint and Coatings Association, Hazardous Materials Identification Systems (HMIS).[a]

3) A list of any hazardous materials that are in excess of 1.0 percent of the contents.

4) A list of each chemical in excess of 5.0 percent of the contents.

5) Information as to what is hazardous about the agent in accordance with the MSDS.

6) The contents manufacturer's name, mailing address, and phone number as shown on the MSDS.

k) Basic cautionary instructions, which shall include the signal word "CAUTION:" and the following or equivalent text: "Dry chemical fire extinguishing agents are considered nontoxic, but are classified as a nuisance dust irritant, and may cause temporary irritation to the eyes, skin, or respiratory system. Avoid unnecessary exposure."

[a]Information on the HMIS system are available from Label Master Inc., Chicago, Illinois or from the National Paint Coatings Association, Washington, D.C.

BSR/UL 1261, Standard for Safety for Electric Water Heaters for Pools and Tubs

1. Proposal to Add Requirements for Button or Coin Cell Batteries of Lithium Technologies, New 3A12

(NEW)

3A12 Button or Coin Cell Batteries of Lithium Technologies

3A12.1 The battery compartment of an appliance or any accessory, such as a wireless control, incorporating one or more coin cell batteries of lithium technologies shall comply with the Standard for Products Incorporating Button or Coin Cell Batteries of Lithium Technologies, UL 4200A, if the appliance or any accessory:

a) Is intended for use with one or more single cell batteries having a diameter of 32 mm (1.25 in) maximum with a diameter greater than its height; and

b) The appliance is intended for household use.

Exception: Not applicable to appliances and accessories intended for use where the battery is not intended to be replaced and is not referenced in instructions and markings.

BSR/UL 1563, Standard for Safety for Electric Spas, Equipment Assemblies, and Associated Equipment

1. Proposal to Add Requirements for Button or Coin Cell Batteries of Lithium Technologies, New 7A.5

(NEW)

7A.5 Button or Coin Cell Batteries of Lithium Technologies

7A.5.1 The battery compartment of an appliance or any accessory, such as a wireless control, incorporating one or more coin cell batteries of lithium technologies shall comply with the Standard for Products Incorporating Button or Coin Cell Batteries of Lithium Technologies, UL 4200A, if the appliance or any accessory:

a) Is intended for use with one or more single cell batteries having a diameter of 32 mm (1.25 in) maximum with a diameter greater than its height; and

b) The appliance is intended for household use.

Exception: Not applicable to appliances and accessories intended for use where the battery is not intended to be replaced and is not referenced in instructions and markings.

BSR/UL 1951, Standard for Safety for Electric Plumbing Accessories

1. Proposal to Add Requirements for Button or Coin Cell Batteries of Lithium Technologies, New 5.3A

(NEW)

5.3A Button or Coin Cell Batteries of Lithium Technologies

5.3A.1 The battery compartment of an appliance or any accessory, such as a wireless control, incorporating one or more coin cell batteries of lithium technologies shall comply with the Standard for Products Incorporating Button or Coin Cell Batteries of Lithium Technologies, UL 4200A, if the appliance or any accessory:

a) Is intended for use with one or more single cell batteries having a diameter of 32 mm (1.25 in) maximum with a diameter greater than its height; and

b) The appliance is intended for household use.

Exception: Not applicable to appliances and accessories intended for use where the battery is not intended to be replaced and is not referenced in instructions and markings.

BSR/UL 2127, Standard for Safety for Inert Gas Clean Agent Extinguishing System Units

2. Withdrawal of Proposal: UL 2127 - Labeling requirements

PROPOSAL

56.2 Operating, recharging, inspection and maintenance instructions shall be marked on the cylinder/valve assembly and shall include at least the following information:

a) Type of clean agent to be used;

b) Operating pressure of the unit at 70℉ (21℃);

c) Storage temperature range of the unit;

d) Factory test pressure of the cylinder;

e) Reference to:

1) The Standard on Clean Agent Fire Extinguishing Systems, NFPA 2001;

2) The manufacturer's installation, operation, and maintenance instruction manual (identified by part number or date) for detailed instructions for correct system handling usage and maintenance;

f) Weight of agent charge and gross weight of charged cylinder and valve assembly;

g) Basic inspection instructions, which shall include the following or equivalent text:

1) At least semiannually, the agent quantity and pressure of refillable containers shall be checked;

2) A container shall be refilled or replaced when it shows a loss in agent quantity of more than 5 percent of a loss in pressure (adjusted for temperature) of more than 10 percent;

3) For a disposable unit, "Discard immediately after any use "; and

h) The following statement shall appear in letters at least 1/8 inch (3.2 mm) and not more than 1/4 inch (6.4 mm) high:

"WARNING: Avoid exposure to vapors, fumes, and products of combustion. "

i) Identification of contents as follows:

1) Contents product name as it appears on the manufacturer's Material Safety Data Sheet (MSDS).

2) A listing of the hazardous material identification in accordance with the National Paint and Coatings Association, Hazardous Materials Identification Systems (HMIS).[a]

3) A list of any hazardous materials that are in excess of 1.0 percent of the contents.

4) A list of each chemical in excess of 5.0 percent of the contents.

5) Information as to what is hazardous about the agent in accordance with the MSDS.

6) The contents manufacturer's name, mailing address, and phone number as shown on the MSDS.

[a]Information on the HMIS system may be obtained from Label Master Inc., Chicago, Illinois or from the National Paint Coatings Association, Washington, D.C.

BSR/UL 2166, Standard for Safety for Halocarbon Clean Agent Extinguishing System Units

3. Withdrawal of Proposal: UL 2166 - Labeling requirements

PROPOSAL

58.2 Operating, recharging, inspection and maintenance instructions shall be marked on the cylinder/valve assembly and shall include at least the following information:

a) Type of clean agent to be used;

b) Operating pressure of the unit at 70℉ (21℃);

c) Storage temperature range of the unit;

d) Factory test pressure of the cylinder;

e) Reference to:

1) The Standard on Clean Agent Fire Extinguishing Systems, NFPA 2001;

2) The manufacturer's installation, operation and maintenance instruction manual (identified by part number or date) for detailed instructions for correct system handling usage and maintenance;

f) Weight of agent charge and gross weight of charged cylinder and valve assembly;

g) Basic inspection instructions, which shall include the following or equivalent text:

1) At least semiannually, the agent quantity and pressure of refillable containers shall be checked;

2) A container shall be refilled or replaced when it shows a loss in agent quantity of more than 5 percent or a loss in pressure (adjusted for temperature) of more than 10 percent; and

3) For a disposable unit, "Discard immediately after any use "; and

h) The following statement shall appear in letters at least 1/8 inch (3.2 mm) and not more than 1/4 inch (6.4 mm) high:

"WARNING: The discharge of clean agent systems to extinguish a fire can result in a potential hazard to personnel from the natural form of the clean agent or from the products of combustion that result from exposure of the agent to the fire or hot surfaces. Unnecessary exposure of personnel either to the natural agent or to the products of decomposition shall be avoided."

i) Identification of contents as follows:

1) Contents product name as it appears on the manufacturer's Material Safety Data Sheet (MSDS).

2) A listing of the hazardous material identification in accordance with the National Paint and Coatings Association, Hazardous Materials Identification Systems (HMIS).[a]

3) A list of any hazardous materials that are in excess of 1.0 percent of the contents.

4) A list of each chemical in excess of 5.0 percent of the contents.

5) Information as to what is hazardous about the agent in accordance with the MSDS.

6) The contents manufacturer's name, mailing address, and phone number as shown on the MSDS.

[a]Information on the HMIS system may be obtained from Label Master Inc., Chicago, Illinois or from the National Paint Coatings Association, Washington, D.C.

BSR/UL 2353, Standard for *Single- and Multi-Layer Insulated Winding Wire, UL 2353*

3. Revision of requirements to incorporate fully insulated wire (FIW).

1.1.1 This standard also contains requirements for enamelled Fully-Insulated Wire (FIW) that are deemed suitable for use in end-products standards. The enamelled winding wire shall be a ~~Recognized Magnet Wire (OBMW2)~~ designated NEMA Type MW 85 as specified in the Standard for Magnet Wire, NEMA MW 1000.

5.2.1 For FIW the following layer thickness requirements apply:

a) a minimum ~~layer thickness~~ increase of diameter due to insulation of 0.001 mm (0.00004 in) and a diameter range of 0.040 mm to 0.16 mm (0.0016 in to 0.0063 in); or

b) a minimum ~~layer thickness~~ increase of diameter due to insulation of 0.002 mm (0.00008 in) and a diameter range greater than 0.16 mm to 1.60 mm (0.0063 in to 0.063 in).

BSR/UL 2775, Standard for Safety for Fixed Condensed Aerosol Extinguishing System Units

4. Withdrawal of Proposal: UL 2775 - Labeling requirements

PROPOSAL

62.4 Operating, inspection and maintenance instructions shall be marked on the aerosol generator and shall include at least the following information:

a) Mass of aerosol-forming compound contained in the aerosol generator;

b) Date (year and month) of manufacture of the aerosol generator;

c) Date of mandatory replacement of the aerosol generator;

e) Operating temperature range;

d) Reference to:

1) The Standard for Fixed Aerosol Fire Extinguishing Systems, NFPA 2010; and

2) The manufacturer's design, installation, operation and maintenance instruction manual (identified by part number or date) for detailed instructions for correct usage and maintenance;

f) For automatic extinguisher units that are not intended for surface-type Class A fires (reference 6.8), clear indication of intended end use application.

g) Basic inspection instructions, which shall include the following or equivalent text:

1) For extinguishing system units,

The extinguishing system unit shall be inspected monthly, or at more frequent intervals when circumstances require. Dispose of aerosol generators properly after use.

2) For automatic extinguisher units,

The automatic extinguisher unit shall be inspected monthly, or at more frequent intervals when circumstances require. Dispose of aerosol generators properly after use.

h) The following or equivalent text:

WARNING: Discharge of agent can result in a potential hazard to personnel from the natural form of the agent. Avoid unnecessary exposure. Do not cover, remove or deface this label.

i) Identification of contents as follows:

1) Contents product name as it appears on the manufacturer's Material Safety Data Sheet (MSDS).

2) A listing of the hazardous material identification in accordance with the National Paint and Coatings Association, Hazardous Materials Identification Systems (HMIS).[a]

3) Information as to what is hazardous about the agent in accordance with the MSDS.

4) The contents manufacturer's name, mailing address, and phone number as shown on the MSDS.

[a] Information on the HMIS system can be obtained from Label Master Inc., Chicago, Illinois or from the National Paint Coatings Association, Washington, D.C.