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: March 24, 2019

NSF (NSF International)

Revision

BSR/NSF 60-201x (i84r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 60-2018)

This Standard establishes minimum health effects requirements for the chemicals, the chemical contaminants, and the impurities that are directly added to drinking water from drinking water treatment chemicals. This Standard does not establish performance or taste and odor requirements for drinking water treatment chemicals.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 2237-201x, Standard for Safety for Multi-Point Interconnection Power Cable Assemblies for Industrial Machinery (new standard)

This project covers the publication of the first edition of the Standard for Multi-Point Interconnection Power Cable Assemblies for Industrial Machinery, UL 2237. The original version of this proposal was published by UL for ballot on September 21, 2018.

Click here to view these changes in full

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

BSR/UL 6200-201x, Standard for Safety for Controllers for Use in Power Production (new standard)

This proposal covers approval of the first edition of the Standard for Controllers for Use in Power Production, UL 6200. The original version of this proposal was published by UL for ballot on August 24, 2018.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 142-201x, Standard for Safety for Steel Aboveground Tanks for Flammable and Combustible Liquids (revision of ANSI/UL 142-2013)

The following is being recirculated: (1) Requirements for optional coverage for tanks storing liquids with a specific gravity greater than 1.0; (2) Requirements for tanks with bottoms other than flat.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

BSR/UL 203A-201X, Standard for Sway Brace Devices for Sprinkler System Piping (revision of ANSI/UL 203A-2015)

UL proposes a safety factor revision and a structure attachment revision to UL 203A.

Click here to view these changes in full

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

BSR/UL 498-201x, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2018)

This proposal covers the addition of requirements for markings and instructions as new Paragraph 193.1.1.1 for UL 498.

Click here to view these changes in full

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

BSR/UL 746A-201x, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2018)

This proposal covers the alignment of requirements of Paragraph 32.1.5 (b) with Figure 32.1 of UL 746A.

Click here to view these changes in full

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

BSR/UL 1004-5-201x, Standard for Safety for Fire Pump Motors (revision of ANSI/UL 1004-5-2016)

This recirculation proposal provides revisions to the UL 1004-5, (proposal dated 8-31-18).

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

BSR/UL 1558-201x, Standard for Safety for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear (revision of ANSI/UL 1558 -2017)

This proposal covers the addition of requirements to Section 19.6 for the allowance for Emergency Use Switchgear. The initial version of this proposal was published by UL for ballot on October 19, 2018.

Click here to view these changes in full

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

BSR/UL 60335-2-24-201X, Standard for Household and Similar Electrical Appliances - Safety - Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers (revision of ANSI/UL 60335-2-24-2017)

Revise Section 30, Resistance to Heat and Fire, to allow UL 94 and CSA C22.2 No. 0.17 flammability ratings.

Click here to view these changes in full

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

Comment Deadline: April 8, 2019

ABYC (American Boat and Yacht Council)

New Standard

BSR/ABYC A-28-201x, Galvanic Isolators (new standard)

This standard applies to the qualification and installation galvanic isolators and their status monitors used on boats equipped with alternating current (AC) shore power systems operating at frequencies of 50 or 60 Hz, and less than 600 V, wired in accordance with ABYC E-11, AC & DC Electrical Systems on Boats and TE-12 Three Phase AC Electrical Systems on Boats.

Single copy price: $50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

BSR/ABYC C-1500-201x, Ignition Protection for Marine Products (new standard)

This standard applies to the basic test methods for determining ignition protection but is not to be considered a standard that will determine the acceptability of a product or component for use in marine service.

Single copy price: $50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

BSR/ABYC E-2-201x, Cathodic Protection (new standard)

This standard applies to the design, installation, and use of cathodic protection systems on boats.

Single copy price: $50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

BSR/ABYC H-3-201x, Exterior Windows, Windshields, Hatches, Doors, Port Lights, and Glazing Materials (new standard)

This standard applies to the design, construction, and installation of exterior windows, windshields, hatches, portlights, doors, and all glazing materials on boats.

Single copy price: $50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

BSR/ABYC P-1-201x, Installation of Exhaust Systems for Propulsion and Auxiliary Engines (new standard)

This standard is for the design and installation of exhaust systems on boats equipped with inboard or sterndrive engines, or permanently installed auxiliary engines, from the exhaust outlet of the engine or the turbocharger, if used, through the terminus where the exhaust gases are discharged.

Single copy price: $50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

ABYC (American Boat and Yacht Council)

Revision

BSR/ABYC P-4-201x, Marine Inboard Engines and Transmissions (revision of ANSI/ABYC P-4-2012)

This standard applies to the design, selection of materials, construction, and installation of marine inboard engines and transmissions, used for propulsion and auxiliary equipment. This standard applies to all inboard engines and transmissions.

Single copy price: $50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

ASA (ASC S2) (Acoustical Society of America)

Reaffirmation

BSR/ASA S2.73-2013/ISO 10819:2013 (R201x), Mechanical Vibration and Shock - Hand-Arm Vibration - Measurement and Evaluation of the Vibration Transmissibility of Gloves at the Palm of the Hand (a nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S2.73-2013/ISO 10819:2013)

Specifies a method for the laboratory measurement, data analysis, and reporting of the vibration transmissibility of a glove with a vibration-reducing material that covers the palm, fingers, and thumb of the hand. Specifies vibration transmissibility in terms of vibration transmitted from a handle through a glove to the palm of the hand in one-third-octave frequency bands with center frequencies of 25 Hz to 1,250 Hz.

Single copy price: $69.00

Obtain an electronic copy from:asastds@acousticalsociety.org

Order from: Caryn Mennigke, (631) 390-0215, asastds@acousticalsociety.org

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

ASA (ASC S3) (Acoustical Society of America)

Reaffirmation

BSR/ASA S3.21-2004 (R201x), Methods for Manual Pure-Tone Threshold Audiometry (reaffirmation of ANSI/ASA S3.21-2004 (R2009))

Provides a procedure for pure-tone audiometry that will serve the needs of persons conducting threshold measurements in industry, schools, medical settings, and other areas where valid audiometric threshold measurements are needed.

Single copy price: $110.00

Obtain an electronic copy from: asastds@acousticalsociety.org

Order from: Caryn Mennigke, (631) 390-0215, asastds@acousticalsociety.org

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

ASABE (American Society of Agricultural and Biological Engineers)

New Standard

BSR/ASABE S638 MONYEAR-201x, Pintle Hitch and Ring for Over the Road Towed Implements (new standard)

This standard establishes requirements for a pintle hitching system suitable for use with over the road towed implements as defined by ANSI/ASAE S390 (ISO 12934:2013). PTO driven implements are out of scope of this standard.

Single copy price: $44.00 (ASABE Members); $65.00 (Non-members)

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, (269) 932-7015, vangilder@asabe.org

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

ASSP (ASC A10) (American Society of Safety Professionals)

Revision

BSR/ASSP A10.23-201x, Safety Requirements for the Installation of Drilled Shafts (revision and redesignation of ANSI/ASSE A10.23 -2014)

This standard establishes safety requirements for the installation of drilled shafts during construction and demolition operations.

Single copy price: $110.00

Order from: Lauren Bauerschmidt; LBauerschmidt@assp.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR/ATIS 0600029-201x, Standard for Irreversible Compression Lugs, Inline Splices, and Taps (revision of ANSI ATIS 0600029 -2013)

This standard covers requirements for copper irreversible compression lugs, inline splices, and taps used in telecommunications systems, including buried connections.

Single copy price: $145.00

Obtain an electronic copy from: cbagwill@atis.org

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

AWS (American Welding Society)

New Standard

BSR/AWS D16.5M/D16.5-201X, Training Guide for Robotic Arc Welding Personnel (new standard)

Provides technical information necessary to train personnel in the safe and effective use of industrial welding robots and welding robot systems. The training guide includes a summary of the requisite education resources required for training and the emphasis will be placed on the training individuals in accordance with the principles of the AWS D16.4 Certified Robot Arc Welder (CRAW) program. The training guide is designed for use by all robot arc welding personnel and it is not intended to be used exclusively in support of the CRAW program.

Single copy price: $48.00

Obtain an electronic copy from: pportela@aws.org

Order from: Peter Portela, (800) 443-9353, pportela@aws.org

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

CSA (CSA America Standards Inc.)

Revision

BSR Z21.19-201x, Refrigerators using gas fuel (same as CSA 1.4) (revision of ANSI Z21.19-2014)

This standard covers testing and examination criteria for residential gas-fired refrigerators provided with a direct, self-contained type of system employing the absorption or adsorption principle of refrigeration using Group 2 refrigerants in quantities not exceeding 6 lb (2.72 kg) for use with natural gas, liquefied petroleum (propane) gases, or convertible for use with natural gas and liquefied petroleum (propane) gases. This standard also covers all electrical equipment, wiring and accessories built in or supplied with gas-fired refrigerators for use with low-voltage direct current or alternating current.

Single copy price: Free

Obtain an electronic copy from: ansi.contact@csagroup.org

Order from: David Zimmerman, (216) 524-4990, david.zimmerman@csagroup.org

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

BSR Z21.63-201x, Portable type gas camp heaters (same as CSA 11.3) (revision of ANSI Z21.63-2014)

Details test and examination criteria for unvented portable camp heaters or the infrared type only up to and including a maximum input of 12,000 Btuh (3.52 kW) using propane, butane, and liquefied petroleum gases and mixtures thereof and intended for outdoor use. This standard applies to camp heaters having regulated or non-regulated pressure and intended for direct or remote connection to the fuel container.

Single copy price: Free

Obtain an electronic copy from: ansi.contact@csagroup.org

Order from: David Zimmerman, (216) 524-4990, david.zimmerman@csagroup.org

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

BSR Z21.96-201x, Portable water heaters for outdoor use (same as CSA 11.6) (revision of ANSI Z21.96-2014)

Details test and examination criteria for portable water heaters using propane, butane, and liquefied petroleum gases and mixtures thereof. This standard applies to portable water heaters having regulated or non-regulated pressure and intended for direct or remote connection to the fuel container.

Single copy price: Free

Obtain an electronic copy from: ansi.contact@csagroup.org

Order from: David Zimmerman, (216) 524-4990, david.zimmerman@csagroup.org

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

ESTA (Entertainment Services and Technology Association)

New Standard

BSR/ES1.9-201x, Crowd Management (new standard)

This standard is part of a suite of standards currently in development to address requirements for special event safety. It intends to define “crowd management,” as distinguished from “crowd control,” to provide an overview of crowd management theory and vocabulary, and to apply these terms to certain reasonably foreseeable risks that arise during live events. The standard is intended both to identify minimum standards and requirements, and also to provide questions and suggestions that help event organizers make reasonable choices under the circumstances of their event.

Single copy price: Free

Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php

Order from: Richard Nix, (212) 244-1505, standards@esta.org

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

BSR/E1.59-201x, Entertainment Technology - Object Transform Protocol (OTP) (new standard)

This standard describes a mechanism to transfer object transform information such as position, orientation, and velocity over an IP network using a subset of the [ACN] protocol suite. It covers data format, data protocol, data addressing, and network management. Data transmitted is intended to coordinate visual and audio elements of a production and should not be used for safety critical applications.

Single copy price: Free

Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, standards@esta.org

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

BSR/E1.62-201x, Minimum specifications for mass-produced portable platforms, ramps, stairs, and choral risers for live performance events (new standard)

The standard would cover serially manufactured portable platforms, stair units, and ramps used with those platforms, and choral risers. It would also cover railings provided as fall protection accessories for these units. It would not cover custom platforms or complete stage systems. It would give minimum payload and sideways force handling specifications.

Single copy price: Free

Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, standards@esta.org

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

ESTA (Entertainment Services and Technology Association)

Revision

BSR/E1.6-3-201x, Selection and Use of Serially Manufactured Chain Hoists in the Entertainment Industry (revision of ANSI/E1.6-3 -2012)

ANSI E1.6-3-2012 is being revised to update its requirements. The standard, third in a 4-part set of standards covering motorized rigging used in the entertainment industry, establishes minimum safety requirements for the selection and use of serially manufactured electric link chain hoists having capacity of two tons or less in the entertainment industry. This part does not address the design or maintenance of these hoists. The standard is being revised to address outdated references, correct errors, and include new technologies.

Single copy price: Free

Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php

Order from: Richard Nix, (212) 244-1505, standards@esta.org

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

BSR/E1.21-201x, Entertainment Technology - Temporary Structures Used for Technical Production of Outdoor Entertainment Events (revision of ANSI E1.21-2013)

ANSI E1.21-2013 is being revised to both clarify and enhance the requirements for operations management plans, designated person responsibilities, and related requirements pertaining to temporary structures used in the technical production of outdoor entertainment events. ANSI E1.21 establishes a minimum acceptable level of design and performance parameters for their design, manufacturing, use and maintenance. Its purpose is to ensure structural reliability, safety, and to establish a reasonable standard for care to which these structures are designed and used.

Single copy price: Free

Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php

Order from: Richard Nix, (212) 244-1505, standards@esta.org

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

BSR/E1.47-201x, Recommended Guidelines for Entertainment Rigging System Inspections (revision of ANSI E1.47-2017)

ANSI E1.47-2017 is being revised to expand and add clarity to its recommendations for inspections of rigging systems used in the entertainment industry.

Single copy price: Free

Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php

Order from: Richard Nix, (212) 244-1505, standards@esta.org

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

NEMA (ASC C136) (National Electrical Manufacturers Association)

Revision

BSR C136.16-201X, Standard for Roadway and Area Lighting Equipment - Post Top-Mounted Luminaires (revision of ANSI C136.16 -2014)

Add a control-ready option using a remote antenna for post top luminaires with a control receptacle located in a metal housing while reviewing the entire document for revision.

Single copy price: $46.00

Obtain an electronic copy from: David.Richmond@nema.org

Order from: David Richmond, (703) 841-3234, David.Richmond@nema.org

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

BSR C136.37-201x, Standard for Roadway and Area Lighting Equipment - Solid State Light Sources Used in Roadway and Area Lighting (revision of ANSI C136.37-2011)

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: $59.00

Order from: David Richmond, (703) 841-3234, David.Richmond@nema.org

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

NEMA (ASC W1) (National Electrical Manufacturers Association)

New National Adoption

BSR/IEC 60974-6-201x, Arc Welding Equipment - Part 6: Limited Duty Equipment (national adoption with modifications of IEC 60974 -6, ed. 2)

This part of IEC 60974 specifies safety and performance requirements applicable to limited duty arc welding and cutting power sources and auxiliaries designed for use by laymen. Electrically powered equipment is intended to be connected to the single phase public low-voltage supply system. Engine driven power sources cannot exceed output power of 7,5 kVA.

Single copy price: $174.00

Order from: Communications@nema.org

Send comments (with copy to psa@ansi.org) to: khaled.masri@nema.org

BSR/NEMA IEC 60974-1-201x, Arc Welding Equipment - Part 1: Welding Power Sources (national adoption of IEC 60974-1, ed. 3 with modifications and revision of ANSI/IEC 60974-1-2008)

This part of IEC 60974 is applicable to power sources for arc welding and allied processes designed for industrial and professional use, and supplied by a voltage not exceeding 1000 V, battery supplied or driven by mechanical means. This document specifies safety and performance requirements of welding power sources and plasma cutting systems. This document is not applicable to limited duty arc welding and cutting power sources which are designed mainly for use by laymen and designed in accordance with IEC 60974-6.

Single copy price: $174.00

Obtain an electronic copy from: khaled.masri@nema.org

Order from: NEMA Communication Department

Send comments (with copy to psa@ansi.org) to: Khaled Masri, (703) 841-3278, Khaled.Masri@nema.org

SAAMI (Sporting Arms and Ammunition Manufacturers Institute)

Revision

BSR/SAAMI Z299.2-201x, Voluntary Industry Performance Standards for Pressure and Velocity of Shotshell Ammunition for the Use of Commercial Manufacturers (revision of ANSI/SAAMI Z299.2-2015)

In the interests of safety and interchangeability, this Standard provides pressure and velocity performance and dimensional characteristics for shotshell sporting ammunition. Included are procedures and equipment for determining these criteria.

Single copy price: $35.00 (SAAMI Members); $45.00 (Non-members)

Obtain an electronic copy from: Brian Osowiecki, SAAMI, bosowiecki@saami.org

Send comments (with copy to psa@ansi.org) to: Randy Bimson; rbimson@saami.org

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 60950-1-2014 (R201x), Standard for Safety for Information Technology Equipment - Safety - Part 1: General Requirements (reaffirmation of ANSI/UL 60950-1-2014)

Reaffirmation and Continuance of the Standard for Safety for Information Technology Equipment - Safety - Part 1: General Requirements. This standard is applicable to mains-powered or battery-powered information technology equipment, including electrical business equipment and associated equipment with a rated voltage not exceeding 600 V.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

Send comments (with copy to psa@ansi.org) to: Jennifer Fields, (919) 549-1007, jennifer.fields@ul.com

BSR/UL 61965-2014 (R201x), Standard for Safety for Mechanical Safety for Cathode Ray Tubes (reaffirmation of ANSI/UL 61965 -2009)

Reaffirmation and Continuance of the Second Edition of the Standard for Mechanical Safety for Cathode Ray Tubes, UL 61965, as an American National Standard. This International Standard is applicable to cathode ray tubes and cathode ray tube assemblies which are intended for use as components in apparatus and which have integral protection with respect to the effects of implosion.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

Send comments (with copy to psa@ansi.org) to: Jennifer Fields, (919) 549-1007, jennifer.fields@ul.com

BSR/UL 62109-1-2014a (R201x), Standard for Safety for Power Converters for Use in Photovoltaic Power Systems (reaffirmation of ANSI/UL 62109-1-2014a)

This proposal for UL 62109-1 covers: (1) Reaffirmation and Continuance of the First Edition of the Standard for Safety of Power Converters for Use in Photovoltaic Power Systems - Part 1: General Requirements, UL 62109-1, as an American National Standard

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

Send comments (with copy to psa@ansi.org) to: Susan Malohn, (847) 664-1725, Susan.P.Malohn@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 428A-201X, Standard for Electrically Operated Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations Up to 85 Percent (E0 - E85) (revision of ANSI/UL 428A-2015)

(1) Revise UL 428A to cover the CE40a test fluid; (2) Revise UL 428A to correct internal references.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

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

BSR/UL 484-201X, Standard for Room Air Conditioners (revision of ANSI/UL 484-2018)

(1) Revision of dielectric strength requirements in clause 50; (2) Correcting a typo in the definition for electrical circuits, clause 3.6.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

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

BSR/UL 1450-201x, Standard for Safety for Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment (revision of ANSI/UL 1450-2013)

This proposal for UL 1450 covers: (1) Proposed revisions to remove references to the term ″Confined Area″; (2) Proposed revisions to remove references to ″Spray Pump Assembly″ from marking requirements; (3) Proposed revisions to replace the term ″Nozzle″ with the term ″Spray Tip″.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

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

BSR/UL 60745-2-9-201x, Standard for Safety for Hand-Held Motor-Operated Electric Tools (revision of ANSI/UL 60745-2-9-2009 (R2014))

This proposal for UL 60745-2-9 covers: (1) Reaffirmation and continuance of the second edition of the Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-9: Particular Requirements for Tappers, UL 60745-2-9, as an American National Standard.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

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

Comment Deadline: April 23, 2019

Reaffirmations and withdrawals available electronically may be accessed at: webstore.ansi.org

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME Y14.31-2014 (R201x), Undimensioned Drawings (reaffirmation of ANSI/ASME Y14.31-2014)

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

Single copy price: $53.00

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

For Reaffirmations and Withdrawn standards, please view our catalog at https://www.asme.org/shop/standards

Send comments (with copy to psa@ansi.org) to: Fredric Constantino, (212) 591-8684, constantinof@asme.org

BSR/ASME Y14.35-2014 (R201x), Revision of Engineering Drawings and Associated Documents (reaffirmation of ANSI/ASME Y14.35-2014)

This Standard defines the practices for revising drawings and associated documents and establishes methods for identification and recording revisions. The revision practices of this Standard apply to any form of original drawing and associated documents.

Single copy price: $45.00

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

For Reaffirmations and Withdrawn standards, please view our catalog at https://www.asme.org/shop/standards

Send comments (with copy to psa@ansi.org) to: Fredric Constantino, (212) 591-8684, constantinof@asme.org

ASME (American Society of Mechanical Engineers)

Stabilized Maintenance

BSR/ASME B5.1M-1985 (S201x), T-Slots - Their Bolts, Nuts, and Tongues (stabilized maintenance of ANSI/ASME B5.1M-1985 (R2014))

This Standard applies to T-slots as used on machine tools for the mounting of fixtures, attachments, and accessories; and to the bolts, nuts, and tongues used in such slots.

Single copy price: $33.00

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

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Lawrence Chan, (212) 591-7052, chanl4@asme.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 213-201x, Standard for Safety for Rubber Gasketed Fittings for Fire-Protection Service (revision of ANSI/UL 213-2018)

SCC approval of Standard for Rubber Gasketed Fittings for Fire-Protection Service, including PR30019, Standard Groove Dimensions.

Single copy price: Free

Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx

Send comments (with copy to psa@ansi.org) to: Griff Edwards, (919) 549-0956, griff.edwards@ul.com

Technical Reports Registered with ANSI

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

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

Comment Deadline: March 24, 2019

ASC X9 (Accredited Standards Committee X9, Incorporated)

X9 TR 2-2019, Understanding, Designing, and Producing Checks (revise technical report)

This technical report was developed initially as an effort by the industry to provide direction for the common location of required data elements on checks. It was published with the hope that its availability would simplify the check design process, make checks more amenable to automated processing, and help to reduce the number of different check designs. Adoption of these recommendations by the various producers of checks did in fact result in an improvement of the operational efficiency of the paper check payment system, as well as ensuring image compatibility and survivability within the current image environment. Over time, this technical report has also become useful as an industry reference on the history and evolution of checks and overall information on check processing. TR 2 contains information that is basic and suitable for all users (bankers and other stakeholders) while also containing highly technical information. Life cycle information has been extensively modified to reflect more contemporary approaches in check processing.

Single copy price: $100.00

Order from: ambria.frazier@x9.org

Send comments (with copy to psa@ansi.org) to: Ambria Frazier, (410) 267-7707, Ambria.frazier@x9.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:

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI/ISO 5364-201x, Anaesthetic and respiratory equipment - Oropharyngeal airways (revision and redesignation of ANSI/ASTM/ISO 5364-2009)

BSR/AAMI/ISO 5366-201x, Anaesthetic and respiratory equipment - Tracheostomy tubes and connectors (identical national adoption of ISO 5366:2016 and revision of ANSI/AAMI/ISO 5366-1-2003 (R2014) and ANSI/ISO 5366-3-2009 (R2014))

BSR/AAMI/ISO 10993-1-201x, Biological evaluation of medical devices - Part 1: Evaluation and testing within a risk management process (identical national adoption of ISO 10993-1 and revision of ANSI/AAMI/ISO 10993-1-2009 (R2013))

Inquiries may be directed to Colleen Elliott, (703) 253-8261, celliott@aami.org

BSR/AAMI/ISO 10993-11-201x, Biological evaluation of medical devices - Part 11: Tests for systemic toxicity (national adoption of ISO 10993-11 (in development) with modifications and revision of ANSI/AAMI/ISO 10993-11-2006 (R2014))

BSR/AAMI/ISO 80601-2-61:201x, Medical electrical equipment - Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment (identical national adoption of ISO 80601-2-61:2011)

PLASTICS (Plastics Industry Association)

BSR/SPI B151.25-199x, Stationary Reaction Injection Molding Machines - Safety Requirements for Construction, Care and Use (new standard)

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE IPS SP 916-201x, Fiber Bend Insensitive Fiber Optic Patch Cord Specification (new standard)

Notice of Withdrawal: ANS at least 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.

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

AHAM (Association of Home Appliance Manufacturers)

ANSI/AHAM AC-2-2006 (R2008), Method for Sound Testing of Portable Household Electric Room Air Cleaners

LIA (ASC Z136) (Laser Institute of America)

ANSI Z136.5-2009, American National Standard for Safe Use of Lasers in Educational Institutions

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.

AAMI (Association for the Advancement of Medical Instrumentation)

ANSI/AAMI/ISO 5356-1-2009, Anaesthetic and respiratory equipment - Tracheal tubes and connectors

Questions may be directed to: Colleen Elliott, (703) 253-8261, celliott@aami.org

ANSI/AAMI/ISO 5360-2015, Anaesthetic vaporizers - Agent-specific filling systems

Questions may be directed to: Colleen Elliott, (703) 253-8261, celliott@aami.org

ANSI/AAMI/ISO 5364-2009, Anaesthetic and respiratory equipment - Oropharyngeal airways

ANSI/AAMI/ISO 5366-1-2003 (R2014), Anaesthetic and respiratory equipment - Tracheostomy tubes - Part 1: Tubes and connectors for use in adults

ANSI/AAMI/ISO 5366-3-2009 (R2014), Anaesthetic and respiratory equipment - Tracheostomy tubes - Part 3: Paediatric tracheostomy tubes

ANSI/AAMI/ISO 10993-1-2009 (R2013), Biological evaluation of medical devices - Part 1: Evaluation and testing within a risk management process

ANSI/AAMI/ISO 10993-11-2006 (R2014), Biological evaluation of medical devices - Part 11: Tests for systemic toxicity

ANSI/AAMI/ISO 23747-2015, Anaesthetic and respiratory equipment - Peak expiratory flow meters for the assessment of pulmonary function in spontaneously breathing humans

Questions may be directed to: Colleen Elliott, (703) 253-8261, celliott@aami.org

ANSI/AAMI/ISO 80601-2-55-2015, Medical electrical equipment - Part 2-55: Particular requirements for the basic safety and essential performance of respiratory gas monitors

Questions may be directed to: Colleen Elliott, (703) 253-8261, celliott@aami.org

ANSI/AAMI/ISO 80601-2-61-2015, Medical electrical equipment - Part 2-55: Particular requirements for the basic safety and essential performance of pulse oximeter equipment

Questions may be directed to: Colleen Elliott, (703) 253-8261, celliott@aami.org

BIFMA (Business and Institutional Furniture Manufacturers Association)

ANSI/BIFMA X5.3-2007 (R2012), Vertical Files - Tests

Questions may be directed to: David Panning, (616) 591-9798, dpanning@bifma.org

Call for Members (ANS Consensus Bodies)

Directly and materially affected parties who are interested in participating as a member of an ANS consensus body for the standards listed below are requested to contact the sponsoring standards developer directly and in a timely manner.

AAMI (Association for the Advancement of Medical Instrumentation)

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

Contact: *Amanda Benedict*

Phone: (703) 253-8284

E-mail: abenedict@aami.org

BSR/AAMI ST24-201x, Automatic, general-purpose ethylene oxide sterilizers and ethylene oxide sterilant sources intended for use in health care facilities (revision of ANSI/AAMI ST24-1999 (R2018))

BSR/AAMI ST79-2017/A.1-201x, Comprehensive guide to steam sterilization and sterility assurance in health care facilities - Amendment 1 (addenda to ANSI/AAMI ST79-2017)

BSR/AAMI ST79-2017/A.2-201x, Comprehensive guide to steam sterilization and sterility assurance in health care facilities - Amendment 2 (addenda to ANSI/AAMI ST79-2017)

BSR/AAMI ST79-2017/A.3-201x, Comprehensive guide to steam sterilization and sterility assurance in health care facilities - Amendment 3 (addenda to ANSI/AAMI ST79-2017)

BSR/AAMI ST79-2017/A.4-201x, Comprehensive guide to steam sterilization and sterility assurance in health care facilities - Amendment 4 (addenda to ANSI/AAMI ST79-2017)

ABYC (American Boat and Yacht Council)

Office: 613 Third Street
Suite 10
Annapolis, MD 21403

Contact: *Sara Moulton*

Phone: (410) 990-4460

E-mail: smoulton@abycinc.org

BSR/ABYC H-3-201x, Exterior Windows, Windshields, Hatches, Doors, Port Lights, and Glazing Materials (new standard)

ASA (ASC S2) (Acoustical Society of America)

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

Contact: *Caryn Mennigke*

Phone: (631) 390-0215

E-mail: asastds@acousticalsociety.org

BSR/ASA S2.73-2013/ISO 10819:2013 (R201x), Mechanical Vibration and Shock - Hand-arm Vibration - Measurement and Evaluation of the Vibration Transmissibility of Gloves at the Palm of the Hand (a nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S2.73-2013/ISO 10819:2013)

ASA (ASC S3) (Acoustical Society of America)

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

Contact: *Caryn Mennigke*

Phone: (631) 390-0215

E-mail: asastds@acousticalsociety.org

BSR/ASA S3.21-2004 (R201x), Methods for Manual Pure-Tone Threshold Audiometry (reaffirmation of ANSI/ASA S3.21-2004 (R2009))

ASSP (ASC A10) (American Society of Safety Professionals)

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

Contact: *Lauren Bauerschmidt*

Phone: (847) 768-3475

E-mail: LBauerschmidt@assp.org

BSR/ASSP A10.23-201x, Safety Requirements for the Installation of Drilled Shafts (revision and redesignation of ANSI/ASSE A10.23 -2014)

ATIS (Alliance for Telecommunications Industry Solutions)

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

Contact: *Steve Barclay*

Phone: (202) 628-6380

E-mail: sbarclay@atis.org

BSR/ATIS 0600337-201x, Requirements for Maximum Voltage, Current, and Power Levels Used in Communications Circuits (revision of ANSI/ATIS 0600337-2016)

AWS (American Welding Society)

Office: 8669 NW 36 ST., #130
Miami, FL 33166

Contact: *Peter Portela*

Phone: 800-443-9353

E-mail: pportela@aws.org

BSR/AWS D16.5M/D16.5-201X, Training Guide for Robotic Arc Welding Personnel (new standard)

CTA (Consumer Technology Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Veronica Lancaster*

Phone: (703) 907-7697

E-mail: vlancaster@cta.tech

BSR/CTA 2006-C-201x, Testing & Measurement Methods for Mobile Audio Amplifiers (revision and redesignation of ANSI/CTA 2006-B -2009)

EOS/ESD (ESD Association, Inc.)

Office: 7900 Turin Rd., Bldg. 3
Rome, NY 13440

Contact: *Christina Earl*

Phone: (315) 339-6937

E-mail: cearl@esda.org

BSR/ESD STM97.1-201x, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Footwear/Flooring System - Resistance Measurement in Combination with a Person (revision of ANSI/ESD STM97.1-2015)

IES (Illuminating Engineering Society)

Office: 120 Wall Street, Floor 17
New York, NY 10005

Contact: *Patricia McGillicuddy*

Phone: (917) 913-0027

E-mail: pmcgillicuddy@ies.org

BSR/IES LM-63-201x, Standard File Format for the Electronic Transfer of Photometric Data and Related Information (new standard)

NEMA (ASC C136) (National Electrical Manufacturers Association)

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

Contact: *David Richmond*

Phone: (703) 841-3234

E-mail: David.Richmond@nema.org

BSR C136.16-201X, Standard for Roadway and Area Lighting Equipment - Post Top-Mounted Luminaires (revision of ANSI C136.16 -2014)

BSR C136.37-201x, Standard for Roadway and Area Lighting Equipment - Solid State Light Sources Used in Roadway and Area Lighting (revision of ANSI C136.37-2011)

NEMA (ASC W1) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Rosslyn, VA 22209

Contact: *Khaled Masri*

Phone: (703) 841-3278

E-mail: Khaled.Masri@nema.org

BSR/IEC 60974-6-201x, Arc Welding Equipment - Part 6: Limited duty equipment (national adoption with modifications of IEC 60974-6, ed. 2)

BSR/NEMA IEC 60974-1-201x, Arc Welding Equipment - Part 1: Welding Power Sources (national adoption of IEC 60974-1, ed. 3 with modifications and revision of ANSI/IEC 60974-1-2008)

NSF (NSF International)

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

Contact: *Monica Leslie*

Phone: (734) 827-5643

E-mail: mleslie@nsf.org

BSR/NSF 60-201x (i84r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 60-2018)

Call for Members (ANS Consensus Bodies)

National Electrical Manufacturers Association (NEMA)

Call for Members

ANSI/NEMA OS-1 and ANSI/NEMA OS-2 – Call for Consensus Body Voting Members in the General Interest and User categories

NEMA is seeking stakeholders in the General Interest and User categories to join the consensus body (voting group) for ANSI/NEMA OS-1 and ANSI/NEMA OS-2 Canvass body. The current scope for these standards are:

ANSI/NEMA OS-1, Sheet-Steel Outlet Boxes, Device Boxes, Covers, and Box Supports

Scope: This standards publication covers those general-purpose metal outlet boxes, device boxes, covers, and supports that are widely used by the consumer. These items (covered by UL 514A) are designed to facilitate the pulling of wires, to protect and facilitate wiring splices and taps, to provide a means of mounting and protecting wiring devices, and to provide a connection for rigid conduit, electrical metallic tubing, armored cable, metal clad cable, nonmetallic sheathed cable, flexible metallic conduit and knob- and-tube wiring systems.

ANSI/NEMA OS-2, Nonmetallic Outlet Boxes, Device Boxes, Covers, and Box Supports

Scope: This standards publication covers those general-purpose nonmetallic outlet boxes, device boxes, covers, and supports that are widely used by the consumer. These items (covered by UL 514C) are designed to facilitate the pulling of wires, to protect and facilitate wiring splices and taps, to provide a means of mounting and protecting wiring devices, and to provide a connection for nonmetallic sheathed cable, nonmetallic tubing (loom), rigid nonmetallic conduit, and electrical nonmetallic tubing or other approved raceways.

A current canvass list is available upon request from NEMA.

For more information, please contact: Muhammad Ali, AStd, Program Manager, 703.841.3288 or muhammad.ali@nema.org.

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.

ABMSP (American Board of Multiple Specialties in Podiatry)

New Standard

ANSI/ABMSP SDO 001-2018, Inserts for Diabetic Footwear (new standard): 2/13/2019

ALI (ASC A14) (American Ladder Institute)

Revision

ANSI A14.9-2019, Requirements for Disappearing Attic Stairs (revision of ANSI A14.9-2010): 2/15/2019

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

ANSI X9.105-1-2009/ISO 8583-1-2009 (R2019), Financial transaction card originated messages - Interchange message specifications - Part 1: Messages, data elements, and code values (reaffirm a national adoption ANSI X9.105 Part 1-2009): 2/13/2019

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

Addenda

ANSI/ASHRAE 62.1m-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016): 2/13/2019

ANSI/ASHRAE 62.2p-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2016): 2/13/2019

ANSI/ASHRAE 62.2U-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2016): 2/13/2019

ANSI/ASHRAE/IES 90.1ai-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016): 2/13/2019

ANSI/ASHRAE/IES 90.1aj-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016): 2/13/2019

ANSI/ASHRAE/IES 90.1bg-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016): 2/13/2019

ANSI/ASHRAE/IES 90.1m-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016): 2/13/2019

ASME (American Society of Mechanical Engineers)

Revision

ANSI CSA B44.1/ASME A17.5-2019, Elevator and Escalator Electrical Equipment (revision of ANSI CSA B44.1/ASME A17.5-2014): 2/15/2019

ASTM (ASTM International)

New Standard

ANSI/ASTM F3353-2019, Guide for Design Guidance for Shipboard use of Lithium Based Batteries (new standard): 2/15/2019

AWWA (American Water Works Association)

Revision

ANSI/AWWA C620-2019, Spray-In-Place Polymeric Lining for Potable Water Pipelines 4 In. (100 mm) and Larger (revision of ANSI/AWWA C620-2008 (R2017)): 2/13/2019

CEMA (Conveyer Equipment Manufacturers Association)

New Standard

ANSI/CEMA Standard 407-2019, Motor Driven Live Roller Conveyors (new standard): 2/15/2019

ECIA (Electronic Components Industry Association)

Reaffirmation

ANSI/EIA 364-18B-2007 (R2019), Visual and Dimensional Inspection Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA/ECA 364-18B-2007 (R2012)): 2/13/2019

ISEA (International Safety Equipment Association)

New Standard

ANSI/ISEA 138-2019, Performance and Classification for Impact-Resistant Gloves (new standard): 2/19/2019

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

Addenda

INCITS 536-2016/AM 1-2018, Information technology - Zoned Block Commands - Amendment 1 (ZBC-AM 1) (addenda to INCITS 536 -2016): 2/13/2019

Stabilized Maintenance

INCITS 30-1998 [S2018], Representation of Calendar Date and Ordinal Date for Information Interchange (stabilized maintenance of INCITS 30-1998 [R2013]): 12/31/2018

INCITS 310-1998 [S2018], Information technology - Representation of Time for Information Interchange (stabilized maintenance of INCITS 310-1998 [R2013]): 12/31/2018

INCITS 367-2003 [S2018], Information technology - SCSI Parallel Interface - 5 (SPI-5) (stabilized maintenance of INCITS 367-2003 [R2013]): 12/31/2018

INCITS 368-2003 [S2018], Information technology - SCSI Passive Interconnect Performance (PIP) (stabilized maintenance of INCITS 368-2003 [R2013]): 12/31/2018

NEMA (ASC C136) (National Electrical Manufacturers Association)

New Standard

ANSI C136.42-2018, Standard for Roadway and Area Lighting Equipment - SSL Cobra Head Retrofit Mechanical and Electrical Interchangeability (new standard): 2/13/2019

NEMA (ASC C137) (National Electrical Manufacturers Association)

New Standard

ANSI C137.2-2019, Standard for Lighting Systems - Cybersecurity Requirements for Lighting Systems for Parking Facilities (new standard): 2/15/2019

NSF (NSF International)

Revision

ANSI/NSF 140-2019 (i27r2), Sustainability Assessment for Carpet (revision of BSR/NSF 140-201x (i27r1)): 2/6/2019

ANSI/NSF 350-2019 (i37r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350 -2017a): 2/13/2019

RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)

Revision

ANSI/RESNA SS-1-2019, RESNA Standard for Support Surfaces - Volume 1: Requirements and Test Methods for Full Body Support Surfaces (revision of ANSI/RESNA SS-1-2014): 2/15/2019

TIA (Telecommunications Industry Association)

New Standard

ANSI/TIA 455-95-B-2019, Absolute Optical Power Test for Optical Fibers and Cables (new standard): 2/15/2019

ANSI/TIA 604-5-F-2019, FOCIS-5 Fiber Optic Connector Intermateability Standard - Type MPO (new standard): 2/15/2019

UL (Underwriters Laboratories, Inc.)

New Standard

ANSI/UL 2904-2019, Standard Method for Testing and Assessing Particle and Chemical Emissions from 3D Printers (new standard): 1/31/2019

ANSI/UL 2904-2019a, Standard Method for Testing and Assessing Particle and Chemical Emissions from 3D Printers (new standard): 1/31/2019

Reaffirmation

ANSI/UL 1062-2014 (R2019), Standard for Safety for Unit Substations (reaffirmation of ANSI/UL 1062-2014): 2/11/2019

ANSI/UL 122001-2009 (R2019), Standard for Safety for General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2 Hazardous (Classified) Locations (reaffirmation of ANSI/UL 122001-2009 (R2014)): 2/14/2019

Revision

ANSI/UL 347A-2019, Standard for Safety for Medium Voltage Output Equipment (revision of ANSI/UL 347A-2017): 2/19/2019

ANSI/UL 347A-2019a, Standard for Safety for Medium Voltage Power Conversion Equipment (revision of ANSI/UL 347A-2017): 2/19/2019

ANSI/UL 923-2019a, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2017b): 2/13/2019

ANSI/UL 1776-2019, Standard for Safety for High-Pressure Cleaning Machines (revision of ANSI/UL 1776-2013a): 2/12/2019

VITA (VMEbus International Trade Association (VITA))

Revision

ANSI/VITA 57.1-2019, FPGA Mezzanine Card (FMC) Standard (revision of ANSI/VITA 57.1-2010): 2/15/2019

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. Use the following Public Document Library url to access PDF & EXCEL reports of approved & proposed ANS: List of Approved and Proposed ANS

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.

AAMI (Association for the Advancement of Medical Instrumentation)

Contact: Amanda Benedict, (703) 253-8284, abenedict@aami.org
901 N. Glebe Road, Suite 300, Arlington, VA 22203

Addenda

BSR/AAMI ST79-2017/A.1-201x, Comprehensive guide to steam sterilization and sterility assurance in health care facilities - Amendment 1 (addenda to ANSI/AAMI ST79-2017)

Stakeholders: Health care personnel, sterilization technicians, regulators, infection control professionals, central service materials managers, medical device manufacturers, manufacturers of sterilization equipment and accessories.

Project Need: Need content to address housekeeping issues, use of fans, and the presence of food and drink in sterile processing areas in health care facilities.

Content addressing housekeeping issues, use of fans, and the presence of food and drink in sterile processing areas in health care facilities.

BSR/AAMI ST79-2017/A.2-201x, Comprehensive guide to steam sterilization and sterility assurance in health care facilities - Amendment 2 (addenda to ANSI/AAMI ST79-2017)

Stakeholders: Health care personnel, sterilization technicians, regulators, infection control professionals, central service materials managers, medical device manufacturers, manufacturers of sterilization equipment and accessories.

Project Need: Need to add content addressing inspection of insulated instruments in sterile processing in health care facilities.

Content addressing inspection of insulated instruments in sterile processing in health care facilities.

BSR/AAMI ST79-2017/A.3-201x, Comprehensive guide to steam sterilization and sterility assurance in health care facilities - Amendment 3 (addenda to ANSI/AAMI ST79-2017)

Stakeholders: Health care personnel, sterilization technicians, regulators, infection control professionals, central service materials managers, medical device manufacturers, manufacturers of sterilization equipment and accessories.

Project Need: Need to modify content pertaining to frequency of cleaning for routine care of sterilizers for sterile processing areas in health care facilities.

Modification of content pertaining to frequency of cleaning for routine care of sterilizers for sterile processing areas in health care facilities.

BSR/AAMI ST79-2017/A.4-201x, Comprehensive guide to steam sterilization and sterility assurance in health care facilities - Amendment 4 (addenda to ANSI/AAMI ST79-2017)

Stakeholders: Health care personnel, sterilization technicians, regulators, infection control professionals, central service materials managers, medical device manufacturers, manufacturers of sterilization equipment and accessories.

Project Need: Need to add content addressing recording BI lot numbers in sterilizer records for sterile processing in health care facilities.

Content addressing recording BI lot numbers in sterilizer records for sterile processing in health care facilities.

Revision

BSR/AAMI ST24-201x, Automatic, general-purpose ethylene oxide sterilizers and ethylene oxide sterilant sources intended for use in health care facilities (revision of ANSI/AAMI ST24-1999 (R2018))

Stakeholders: Sterilizer manufacturers, medical device manufacturers, testing laboratories, regulatory agencies, sterile processing professionals, health care facilities that perform EO sterilization, and other entities with material interest in EO sterilizers intended for use in US health care facilities.

Project Need: Revision is needed to bring standard up to date with current technology and align with other standards.

This standard covers minimum labeling, safety, performance, and testing requirements for ethylene oxide sterilizers that are intended for general-purpose use in health care facilities and that have automatic controls. It also covers labeling, product composition, and container requirements for ethylene oxide sterilant sources, as well as labeling, performance, safety, and installation requirements for ethylene oxide emission control systems.

ASME (American Society of Mechanical Engineers)

Contact: Mayra Santiago, (212) 591-8521, ansibox@asme.org
Two Park Avenue, New York, NY 10016-5990

Revision

BSR/ASME B30.27-201x, Material Placement Systems (revision of ANSI/ASME B30.27-2014)

Stakeholders: This document will apply to users, manufacturers, trainers, jurisdictional authorities, owners, and those with a general interest in the safe operation of Material Placement Systems.

Project Need: The B30.27 volume is being reviewed and revised to incorporate updates based on best practices and lessons learned in the industry.

Volume B30.27, Material Placement Systems, includes provisions that apply to the construction, installation, operation, inspection, testing, and maintenance of trailer- and truck-mounted material placement systems. Included in this are mechanical and hydraulic pea gravel systems, mobile telescoping boom conveyors, separate placing booms, and material placement accessories.

ATIS (Alliance for Telecommunications Industry Solutions)

Contact: Steve Barclay, (202) 628-6380, sbarclay@atis.org
1200 G Street NW, Suite 500, Washington, DC 20005

Revision

BSR/ATIS 0600337-201x, Requirements for Maximum Voltage, Current, and Power Levels Used in Communications Circuits (revision of ANSI/ATIS 0600337-2016)

Stakeholders: Communications industry.

Project Need: Evolution of various industry safety standards require that the document be revised.

This document provides a summary of the maximum dc steady-state and duration-limited voltage, current, and power limits to be maintained when telecommunications systems provide or receive power over conventional telecommunications twisted-pair conductors/cabling.

CSA (CSA America Standards Inc.)

Contact: David Zimmerman, (216) 524-4990, david.zimmerman@csagroup.org
8501 E. Pleasant Valley Road, Cleveland, OH 44131

New Standard

BSR/CSA C22.2 No. 343-201x, Electric Vehicle Energy Management Systems (new standard)

Stakeholders: Regulators, manufacturers, utilities, and industry associations.

Project Need: CSA Group has been approached by the industry to develop standards and technical requirements for the deployment and safe operations of EVEMS within the Canadian regulatory structure and utility requirements. This project is intended to address this need and the existing gap in the standards required for the operation of EVEMS.

With the rapidly growing penetration of Electric Vehicles (EVs), there is an increased demand to develop technology to support the efficient and safe charging of the vehicles with less impacts on the current electrical distribution infrastructure during peak charging times. In addition to managing the demand for electricity, EVs can become energy storage devices for the grid. This possibility raises the need to view EVs and related charging equipment as an Electric Vehicle Energy Management System (EVEMS). An EVEMS is a means of controlling electric vehicle supply equipment loads comprised of any of the following: a monitor(s), communications equipment, a controller(s), a timer(s) and other applicable device(s). Today there is no clear standard or guideline to help define the safe operations of an EVEMS although individual standards exist for some of the components within the EVEMS.

CTA (Consumer Technology Association)

Contact: Veronica Lancaster, (703) 907-7697, vlancaster@cta.tech
1919 South Eads Street, Arlington, VA 22202

Revision

BSR/CTA 2006-C-201x, Testing & Measurement Methods for Mobile Audio Amplifiers (revision and redesignation of ANSI/CTA 2006-B-2009)

Stakeholders: Consumers, Manufacturers, and Retailers.

Project Need: Revise ANSI/CTA 2006-B.

This standard defines characteristics that, considered collectively, describe the performance of Power Amplifiers designed for use in mobile applications. Power Amplifiers designed for use in mobile applications include, but are not limited to, separate single- and multi-channel amplifiers, Integrated Amplifiers, and bandwidth-limited amplifiers that are connected to and rely solely on the vehicle's primary electrical system for power input and have output power ratings of greater than 5W when measured in accordance with this standard.

EOS/ESD (ESD Association, Inc.)

Contact: Christina Earl, (315) 339-6937, cearl@esda.org
7900 Turin Rd., Bldg. 3, Rome, NY 13440

Revision

BSR/ESD STM97.1-201x, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Footwear/Flooring System - Resistance Measurement in Combination with a Person (revision of ANSI/ESD STM97.1-2015)

Stakeholders: Electronics Industry including telecom, consumer, medical, and industrial.

Project Need: This document provides test methods for measuring the electrical system resistance of a person wearing static control footwear while standing on a floor sample or an installed floor.

This document establishes test methods for measuring the electrical system resistance of floor materials in combination with a person wearing static control footwear, shoes, or other methods where protection of ESD susceptible items is required.

IES (Illuminating Engineering Society)

Contact: Patricia McGillicuddy, (917) 913-0027, pmcgillicuddy@ies.org
120 Wall Street, Floor 17, New York, NY 10005

New Standard

BSR/IES LM-63-201x, Standard File Format for the Electronic Transfer of Photometric Data and Related Information (new standard)

Stakeholders: Manufacturers, testing labs, lighting designers.

Project Need: Revise IES LM-63.

The document describes the standard photometic data system and how to build a file for data transfer, storage, and retrieval.

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)**
- **AARST (American Association of Radon Scientists and Technologists)**
- **AGA (American Gas Association)**
- **AGSC-AGRSS (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 (Green Building Initiative)**
- **HL7 (Health Level Seven)**
- **IES (Illuminating Engineering Society)**
- **ITI (InterNational Committee for Information Technology Standards)**
- **MHI (Material Handling Industry)**
- **NAHBRC (NAHB Research Center, Inc.)**
- **NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)**
- **NCPDP (National Council for Prescription Drug Programs)**
- **NEMA (National Electrical Manufacturers Association)**
- **NISO (National Information Standards Organization)**
- **NSF (NSF International)**
- **PRCA (Professional Ropes Course Association)**
- **RESNET (Residential Energy Services Network, Inc.)**
- **SAE (SAE International)**
- **TCNA (Tile Council of North America)**
- **TIA (Telecommunications Industry Association)**
- **UL (Underwriters Laboratories, Inc.)**

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit ANSI Online at www.ansi.org/asd, select “Standards Activities,” click on “Public Review and Comment” and “American National Standards Maintained Under Continuous Maintenance.” This information is also available directly at www.ansi.org/publicreview

Alternatively, you may contact the Procedures & Standards Administration department (PSA) at psa@ansi.org or via fax at 212-840-2298. If you request that information be provided via E-mail, please include your E-mail address; if you request that information be provided via fax, please include your fax number. Thank you.

ANSI-Accredited Standards Developers Contact Information

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment and Final Actions. This section is a list of developers who have submitted standards for this issue of *Standards Action* – it is not intended to be a list of all ANSI-Accredited Standards Developers. Please send all address corrections to Standards Action Editor at standact@ansi.org.

AAMI
Association for the Advancement of Medical Instrumentation
4301 N. Fairfax Drive, Suite 301
Arlington, VA 22203-1633
Phone: (703) 253-8284
Web: www.aami.org

ABMSP
American Board of Multiple Specialties in Podiatry
555 Eighth Avenue
Suite 1902
New York, NY 10018
Phone: (301) 537-7019
Web: www.abmsp.org

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

ALI (ASC A14)
American Ladder Institute
330 N. Wabash Avenue, Suite 2000
Chicago, IL 60611-6610
Phone: (312) 321-6806
Web: www.americanladderinstitute.org

ASA (ASC S2)
Acoustical Society of America
1305 Walt Whitman Road
Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Web: www.acousticalsociety.org

ASA (ASC S3)
Acoustical Society of America
1305 Walt Whitman Road
Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Web: www.acousticalsociety.org

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

ASC X9
Accredited Standards Committee X9, Incorporated
275 West Street
Suite 107
Annapolis, MD 21401
Phone: (410) 267-7707
Web: www.x9.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329
Phone: (678) 539-1214
Web: www.ashrae.org

ASME
American Society of Mechanical Engineers
Two Park Avenue
New York, NY 10016-5990
Phone: (212) 591-8521
Web: www.asme.org

ASSP (ASC A10)
American Society of Safety Professionals
520 N. Northwest Hwy.
Park Ridge, IL 60068
Phone: (847) 768-3475
Web: www.assp.org

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

ATIS
Alliance for Telecommunications Industry Solutions
1200 G Street NW
Suite 500
Washington, DC 20005
Phone: (202) 628-6380
Web: www.atis.org

AWS
American Welding Society
8669 NW 36 ST., #130
Miami, FL 33166
Phone: 800-443-9353
Web: www.aws.org

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

CEMA
Conveyer Equipment Manufacturers Association
5672 Strand Court
Suite 2
Naples, FL 34110
Phone: (239) 514-3441
Web: www.cemanet.org

CSA
CSA America Standards Inc.
8501 E. Pleasant Valley Road
Cleveland, OH 44131
Phone: (216) 524-4990
Web: www.csagroup.org

CTA
Consumer Technology Association
1919 South Eads Street
Arlington, VA 22202
Phone: (703) 907-7697
Web: www.cta.tech

ECIA
Electronic Components Industry Association
13873 Park Center Road
Suite 315
Herndon, VA 20171
Phone: (571) 323-0294
Web: www.ecianow.org

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

ESTA
Entertainment Services and Technology Association
630 Ninth Avenue
Suite 609
New York, NY 10036-3748
Phone: (212) 244-1505
Web: www.esta.org

IES
Illuminating Engineering Society
120 Wall Street, Floor 17
New York, NY 10005
Phone: (917) 913-0027
Web: www.ies.org

ISEA
International Safety Equipment Association
1901 North Moore Street
Suite 808
Arlington, VA 22209
Phone: (703) 525-1695
Web: www.safetyequipment.org

ITI (INCITS)
InterNational Committee for Information Technology Standards
1101 K Street, NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 737-8888
Web: www.incits.org

NEMA (ASC C136)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3234
Web: www.nema.org

NEMA (ASC C137)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3277
Web: www.nema.org

NEMA (ASC W1)
National Electrical Manufacturers Association
1300 North 17th Street
Rosslyn, VA 22209
Phone: (703) 841-3278
Web: www.nema.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 827-5643
Web: www.nsf.org

RESNA
Rehabilitation Engineering and Assistive Technology Society of North America

1560 Wilson Blvd.
Suite 850
Arlington, VA 22209-1903
Phone: (703) 524-6686

Web: www.resna.org

SAAMI
Sporting Arms and Ammunition Manufacturers Institute

11 Mile Hill Road
Newtown, CT 06470-2359
Phone: (203) 426-4358

Web: www.saami.org

TIA
Telecommunications Industry Association

1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7706

Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

47173 Benicia Street
Fremont, CA 94538
Phone: (510) 319-4271

Web: www.ul.com

VITA
VMEbus International Trade Association (VITA)

929 W. Portobello Avenue
Mesa, AZ 85210
Phone: (602) 281-4497

Web: www.vita.com

ISO & IEC Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org); comments on ISO documents must be submitted electronically in the approved ISO template and as a Word document as other formats will not be accepted.

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

BASES FOR DESIGN OF STRUCTURES (TC 98)

ISO/DIS 22111, Bases for design of structures - General requirements - 3/11/2019, $107.00

ENERGY MANAGEMENT AND ENERGY SAVINGS (TC 301)

ISO/DIS 50004, Energy management systems - Guidance for the implementation, maintenance and improvement of an energy management system - 3/8/2019, $107.00

GRAPHICAL SYMBOLS (TC 145)

ISO 7001/DAmd107, Graphical symbols - Public information symbols - Amendment 107: PI CF 022: Laundry service - 5/4/2019, $29.00

ISO 7001/DAmd108, Graphical symbols - Public information symbols - Amendment 108: PI PF 082: Recycling - Plastics - 5/4/2019, $29.00

ISO 7001/DAmd109, Graphical symbols - Public information symbols - Amendment 109: PI TF 044 Electric vehicle charging station - 5/4/2019, $29.00

INDUSTRIAL TRUCKS (TC 110)

ISO 3691-5/DAmd2, Industrial trucks - Safety requirements and verification - Part 5: Pedestrian-propelled trucks - Amendment 2 - 5/9/2019, $40.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO/DIS 21246, Information and documentation - Key indicators for museums - 5/5/2019, $134.00

INNOVATION MANAGEMENT (TC 279)

ISO/DIS 56000, Innovation management - Fundamentals and vocabulary - 5/5/2019, $98.00

INTERNAL COMBUSTION ENGINES (TC 70)

ISO/DIS 8178-5, Reciprocating internal combustion engines - Exhaust emission measurement - Part 5: Test fuels - 3/7/2019, $125.00

MACHINE TOOLS (TC 39)

ISO/DIS 14955-5, Machine tools - Environmental evaluation of machine tools - Part 5: Principles for testing woodworking machine tools with respect to energy supplied - 5/6/2019, $93.00

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

ISO/DIS 13680, Petroleum and natural gas industries - Corrosion-resistant alloy seamless tubulars for use as casing, tubing and coupling stock - Technical delivery conditions - 12/11/2024, $175.00

MEDICAL DEVICES FOR INJECTIONS (TC 84)

ISO/DIS 23907-2, Sharps injury protection - Requirements and test methods - Part 2: Reusable sharps containers - 3/9/2019, $71.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 2889, Sampling airborne radioactive materials from the stacks and ducts of nuclear facilities - 3/9/2019, $165.00

ISO/DIS 20785-2, Dosimetry for exposures to cosmic radiation in civilian aircraft - Part 2: Characterization of instrument response - 3/11/2019, $107.00

PAPER, BOARD AND PULPS (TC 6)

ISO/DIS 8784-3, Pulp, paper and board - Microbiological examination - Part 3: Enumeration of yeast and mould based on disintegration - 5/2/2019, $53.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 16073-9, Wildland firefighting personal protective equipment - Requirements and test methods - Part 9: Firehoods - 5/6/2019, $53.00

ROAD VEHICLES (TC 22)

ISO/DIS 15007, Road vehicles - Measurement and analysis of driver visual behaviour with respect to transport information and control systems - 5/2/2019, $119.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 1436, Rubber hoses and hose assemblies - Wire-braid-reinforced hydraulic types for oil-based or water-based fluids - Specification - 5/9/2019, $58.00

ISO/DIS 4660, Rubber, raw natural - Colour index test - 3/8/2019, $40.00

ISO/DIS 6805, Rubber hoses and hose assemblies for underground mining - Wire-reinforced hydraulic types for coal mining - Specification - 5/6/2019, $33.00

SAFETY OF TOYS (TC 181)

ISO 8124-1/DAmd1, Safety of toys - Part 1: Safety aspects related to mechanical and physical properties - Amendment 1: Flying toys - 5/4/2019, $40.00

STEEL (TC 17)

ISO/DIS 9647, Steels - Determination of vanadium content - Flame atomic absorption spectrometric method (FAAS) - 3/7/2019, $67.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO/DIS 21222, Surface chemical analysis - Scanning probe microscopy - Procedure for the determination of elastic moduli for compliant materials using atomic force microscope and the two-point JKR method - 5/9/2019, $71.00

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

ISO/DIS 7176-19, Wheelchairs - Part 19: Wheelchairs for use as seats in motor vehicles - 5/6/2019, $155.00

TEXTILES (TC 38)

ISO/DIS 1833-15, Textiles - Quantitative chemical analysis - Part 15: Mixtures of jute with certain animal fibres (method by determining nitrogen content) - 3/10/2019, $33.00

ISO/DIS 18692-3, Fibre ropes for offshore stationkeeping - Part 3: High modulus polyethylene (HMPE) - 3/8/2019, $62.00

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

ISO 11040-4/DAmd1, Prefilled syringes - Part 4: Glass barrels for injectables and sterilized subassembled syringes ready for filling - Amendment 1 - 12/31/2027, $33.00

ISO/DIS 8871-2, Elastomeric parts for parenterals and for devices for pharmaceutical use - Part 2: Identification and characterization - 3/10/2019, $71.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 9594-1/DAmd1, Information technology - Open Systems Interconnection - The Directory - Part 1: Overview of concepts, models and services - Amendment 1 - 12/23/2040, $29.00

ISO/IEC 9594-2/DAmd1, Information technology - Open Systems Interconnection - The Directory - Part 2: Models - Amendment 1: Password policy support - 11/10/2028, $46.00

ISO/IEC 9594-3/DAmd1, Information technology - Open Systems Interconnection - The Directory - Part 3: Abstract service definition - Amendment 1: Password policy support - 11/10/2028, $33.00

ISO/IEC 9594-4/DAmd1, Information technology - Open Systems Interconnection - The Directory - Part 4: Procedures for distributed operation - Amendment 1: Password policy support - 11/10/2028, $29.00

ISO/IEC 9594-5/DAmd1, Information technology - Open Systems Interconnection - The Directory - Part 5: Protocol specifications - Amendment 1: Password policy support - 11/10/2028, $40.00

ISO/IEC 9594-6/DAmd1, Information technology - Open Systems Interconnection - The Directory - Part 6: Selected attribute types - Amendment 1: Password policy support - 11/10/2028, $33.00

ISO/IEC 9594-7/DAmd1, Information technology - Open Systems Interconnection - The Directory - Part 7: Selected object classes - Amendment 1: Password policy support - 11/10/2028, $29.00

ISO/IEC 9594-8/DAmd1, Information technology - Open Systems Interconnection - The Directory - Part 8: Public-key and attribute certificate frameworks - Amendment 1: Password policy support - 11/10/2028, $53.00

ISO/IEC 9594-9/DAmd1, Information technology - Open Systems Interconnection - The Directory - Part 9: Replication - Amendment 1: Password policy support - 11/10/2028, $29.00

ISO/IEC DIS 21122-4, Information technology - Low-latency lightweight image coding system - Part 4: Conformance testing - 5/4/2019, $71.00

IEC Standards

CABPUB/171/CD, ISO/IEC CD 17032 Conformity Assessment - Guidelines and examples of a certification scheme for processes, 2019/4/12

9/2490/CD, IEC 61992-6/AMD2 ED1: Amendment 2 - Railway applications - Fixed installations - DC switchgear - Part 6: DC switchgear assemblies, 2019/5/10

10/1077/CD, IEC 62975 ED1: Natural esters - Guidelines for maintenance and use in electrical equipment, 2019/4/12

17A/1213/CD, IEC 62271-103 ED2: High-voltage switchgear and controlgear - Part 103: Switches for rated voltages above 1 kV up to and including 52 kV, 2019/5/10

23/842/NP, PNW 23-842: General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 4: General functional safety requirements for products intended to be integrated in Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS), 2019/4/12

31/1455/DISH, IEC 60079-0/ISH1 ED7: Interpretation Sheet 1 - Explosive atmospheres - Part 0: Equipment - General requirements, 2019/3/29

31/1456/DISH, IEC 60079-29-1/ISH1 ED2: Interpretation Sheet 1 - Explosive atmospheres - Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases, 2019/3/29

31/1453/DISH, IEC 60079-0/ISH2 ED5: Interpretation sheet 2 - Explosive atmospheres - Part 0: Equipment - General requirements, 2019/3/29

31/1457/DISH, IEC 60079-29-1/ISH2 ED2: Interpretation Sheet 2 - Explosive atmospheres - Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases, 2019/3/29

31/1454/DISH, IEC 60079-0/ISH4 ED6: Interpretation Sheet 4 - Explosive atmospheres - Part 0: Equipment - General requirements, 2019/3/29

35/1415(F)/CDV, IEC 60086-6 ED1: Primary batteries - Part 6: Guidance on environmental aspects, 019/5/3/

47/2541/FDIS, IEC 62951-2 ED1: Semiconductor devices - Flexible and stretchable semiconductor devices - Part 2: Evaluation method for electron mobility, sub-threshold swing and threshold voltage of flexible devices, 2019/3/29

47E/645/CD, IEC 60747-5-6 ED2: Semiconductor devices - Part 5-6: Optoelectronic devices - Light emitting diodes, 2019/5/10

47E/643/FDIS, IEC 60747-18-1 ED1: Semiconductor devices - Part 18 -1: Semiconductor bio sensors - Test method and data analysis for calibration of lens-free CMOS photonic array sensors, 2019/3/29

51/1276/CD, IEC 60401-1 ED2: Terms and nomenclature for cores made of magnetically soft ferrites - Part 1: Terms used for physical irregularities and reference of dimensions, 2019/5/10

56/1835/NP, PNW 56-1835: Dependability management - Application guide - Availability, 2019/5/10

61/5788/CD, IEC 60335-2-115 ED1: Household and Similar Electrical Appliances - Safety - Part 2-115: Particular requirements for beauty care appliances, 2019/4/12

61/5778A/DC, Corrected proposal of WG 40 for an amendment to IEC 60335-2-5: Household and similar electrical appliances - Safety - Part 2-5: Particular requirements for dishwashers, 2019/3/29

61J/706/CD, IEC 60335-2-117 ED1: Household and similar appliances - Part 2-117: Particular requirements for automatic floor treatment machines for commercial use, 2019/5/10

62D/1677/CD, ISO 80601-2-70 ED2: Medical Electrical Equipment - Part 2-70: Particular requirements for basic safety and essential performance of sleep apnoea breathing therapy equipment, 2019/4/12

62D/1675/FDIS, IEC 80601-2-77 ED1: Medical Electrical Equipment - Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment, 2019/3/29

62D/1676/FDIS, IEC 80601-2-78 ED1: Medical Electrical Equipment - Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation, 2019/3/29

64/2366/CD, IEC TS 60364-8-3 ED1: Low-voltage electrical installation - Part 8-3: Operation of prosumer's electrical installations, 2019/4/12

68/623/CD, IEC 60404-17 ED1: Magnetic materials - Part 17: Methods of measurement of the magnetostriction characteristics of electrical steel strip and sheet by means of a single sheet tester and an optical sensor, 019/6/7/

79/617/CDV, IEC 60839-11-5 ED1: Alarm and electronic security systems - Part 11-5: Electronic access control systems - Open Supervised Device Protocol (OSDP), 2019/5/10

86C/1574/FDIS, IEC 62148-19 ED1: Fibre optic active components and devices - Package and interface standards - Part 19: Photonic chip scale package, 2019/3/29

89/1470/CD, IEC 60695-11-11 ED1: Fire hazard testing - Part 11-11: Test flames - Determination of the characteristic heat flux for ignition from a non-contacting flame source, 2019/5/10

90/433/CD, IEC 61788-17 ED2: Superconductivity - Part 17: Electronic characteristic measurements - Local critical current density and its distribution in large-area superconducting films, 2019/5/10

103/184/DTR, IEC TR 63099-2 ED1: Transmitting equipment for radiocommunication - radio over fiber technologies for electromagnetic-field measurement - Part 2: Radio over fibre technologies for electric-field sensing, 2019/4/12

113/457/NP, PNW TS 113-457: IEC TS 62607-6-19: Nanomanufacturing - Key control characteristics - Part 6-19: Graphene powder - Elemental composition: CS analyzer, ONH analyzer, 2019/5/10

113/458/NP, PNW TS 113-458: IEC TS 62607-6-20: Nanomanufacturing - Key control characteristics - Part 6-20: Graphene powder - Metallic impurity content: ICP-MS, 2019/5/10

113/459/NP, PNW TS 113-459: IEC TS 62607-6-21: Nanomanufacturing - Key control characteristics - Part 6-21: Graphene Powder - Elemental composition, C/O ratio: XPS, 2019/5/10

CIS/A/1286/CD, CISPR TR 16-3 ED4: Specification for radio disturbance and immunity measuring apparatus and methods - Part 3: CISPR technical reports, 2019/4/12

CIS/D/457/CD, CISPR 25 ED5: Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of on-board receivers, 2019/5/10

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 22117:2019, Microbiology of the food chain - Specific requirements and guidance for proficiency testing by interlaboratory comparison, $162.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO 11843-6:2019, Capability of detection - Part 6: Methodology for the determination of the critical value and the minimum detectable value in Poisson distributed measurements by normal approximations, $138.00

CERAMIC TILE (TC 189)

ISO 10545-4:2019, Ceramic tiles - Part 4: Determination of modulus of rupture and breaking strength, $68.00

ENVIRONMENTAL MANAGEMENT (TC 207)

ISO 14033:2019, Environmental management - Quantitative environmental information - Guidelines and examples, $209.00

ERGONOMICS (TC 159)

ISO 27501:2019, The human-centred organization - Guidance for managers, $162.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO 19112:2019, Geographic information - Spatial referencing by geographic identifiers, $138.00

ISO 19127:2019, Geographic information - Geodetic register, $185.00

GRAPHIC TECHNOLOGY (TC 130)

ISO 20677:2019, Image technology colour management - Extensions to architecture, profile format and data structure, $232.00

IMPLANTS FOR SURGERY (TC 150)

ISO 5834-1:2019, Implants for surgery - Ultra-high-molecular-weight polyethylene - Part 1: Powder form, $45.00

ISO 5834-2:2019, Implants for surgery - Ultra-high-molecular-weight polyethylene - Part 2: Moulded forms, $45.00

ISO 5834-3:2019, Implants for surgery - Ultra-high-molecular-weight polyethylene - Part 3: Accelerated ageing methods, $45.00

ISO 5834-4:2019, Implants for surgery - Ultra-high-molecular-weight polyethylene - Part 4: Oxidation index measurement method, $68.00

ISO 5834-5:2019, Implants for surgery - Ultra-high-molecular-weight polyethylene - Part 5: Morphology assessment method, $45.00

ISO 23500-1:2019, Preparation and quality management of fluids for haemodialysis and related therapies - Part 1: General requirements, $232.00

ISO 23500-2:2019, Preparation and quality management of fluids for haemodialysis and related therapies - Part 2: Water treatment equipment for haemodialysis applications and related therapies, $162.00

ISO 23500-3:2019, Preparation and quality management of fluids for haemodialysis and related therapies - Part 3: Water for haemodialysis and related therapies, $138.00

ISO 23500-4:2019, Preparation and quality management of fluids for haemodialysis and related therapies - Part 4: Concentrates for haemodialysis and related therapies, $138.00

ISO 23500-5:2019, Preparation and quality management of fluids for haemodialysis and related therapies - Part 5: Quality of dialysis fluid for haemodialysis and related therapies, $103.00

ISO 5832-12:2019, Implants for surgery - Metallic materials - Part 12: Wrought cobalt-chromium-molybdenum alloy, $45.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO 3901:2019, Information and documentation - International Standard Recording Code (ISRC), $68.00

MARKET, OPINION AND SOCIAL RESEARCH (TC 225)

ISO 20252:2019, Market, opinion and social research, including insights and data analytics - Vocabulary and service requirements, $209.00

METALLIC AND OTHER INORGANIC COATINGS (TC 107)

ISO 2063-1:2019, Thermal spraying - Zinc, aluminium and their alloys - Part 1: Design considerations and quality requirements for corrosion protection systems, $162.00

NUCLEAR ENERGY (TC 85)

ISO 11929-1:2019, Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation - Fundamentals and application - Part 1: Elementary applications, $185.00

ISO 11929-2:2019, Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation - Fundamentals and application - Part 2: Advanced applications, $185.00

ISO 11929-3:2019, Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation - Fundamentals and application - Part 3: Applications to unfolding methods, $185.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 13666:2019, Ophthalmic optics - Spectacle lenses - Vocabulary, $45.00

PLASTICS (TC 61)

ISO 21309-1:2019, Plastics - Ethylene/vinyl alcohol (EVOH) copolymer moulding and extrusion materials - Part 1: Designation system and basis for specifications, $68.00

ISO 21309-2:2019, Plastics - Ethylene/vinyl alcohol (EVOH) copolymer moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties, $103.00

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

ISO 80369-3/Amd1:2019, Small-bore connectors for liquids and gases in healthcare applications - Part 3: Connectors for enteral applications - Amendment 1, $19.00

ROAD VEHICLES (TC 22)

ISO 22241-1:2019, Diesel engines - NOx reduction agent AUS 32 - Part 1: Quality requirements, $45.00

ISO 22241-2:2019, Diesel engines - NOx reduction agent AUS 32 - Part 2: Test methods, $185.00

SMALL CRAFT (TC 188)

ISO 10087:2019, Small craft - Craft identification - Coding system, $45.00

SOIL QUALITY (TC 190)

ISO 23753-1:2019, Soil quality - Determination of dehydrogenases activity in soils - Part 1: Method using triphenyltetrazolium chloride (TTC), $68.00

ISO 23753-2:2019, Soil quality - Determination of dehydrogenases activity in soils - Part 2: Method using iodotetrazolium chloride (INT), $68.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO 20903:2019, Surface chemical analysis - Auger electron spectroscopy and X-ray photoelectron spectroscopy - Methods used to determine peak intensities and information required when reporting results, $103.00

TIMBER STRUCTURES (TC 165)

ISO 16696-1:2019, Timber structures - Cross laminated timber - Part 1: Component performance, production requirements and certification scheme, $138.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 14731:2019, Welding coordination - Tasks and responsibilities, $68.00

ISO 17677-1:2019, Resistance welding - Vocabulary - Part 1: Spot, projection and seam welding, $45.00

ISO Technical Reports

FASTENERS (TC 2)

ISO/TR 20491:2019, Fasteners - Fundamentals of hydrogen embrittlement in steel fasteners, $138.00

ISO Technical Specifications

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO/TS 20758:2019, Traditional Chinese medicine - Abdominal physiological parameter detectors, $45.00

ISO/IEC JTC 1, Information Technology

ISO/IEC/IEEE 8802-A/Amd2:2019, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Part A: Overview and architecture - Amendment 2: Local medium access control (MAC) address usage, $138.00

ISO/IEC/IEEE 8802-1Q/Amd6:2019, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 1Q: Bridges and bridged networks - Amendment 6: Per-stream filtering and policing, $209.00

ISO/IEC/IEEE 8802-1Q/Amd7:2019, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 1Q: Bridges and bridged networks - Amendment 7: Cyclic queuing and forwarding, $162.00

ISO/IEC/IEEE 8802-1CB:2019, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 1CB: Frame replicaton and elimination for reliability, $232.00

ISO/IEC/IEEE 8802-3/Amd10:2019, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 3: Standard for Ethernet - Amendment 10: Media access control parameters, physical layers, and management parameters for 200 Gb/s and 400 Gb/s operation, $232.00

ISO/IEC/IEEE 8802-3/Amd11:2019, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 3: Standard for Ethernet - Amendment 11: Physical layer and management parameters for serial 25 Gb/s ethernet operation over single-mode fiber, $185.00

ISO/IEC/IEEE 8802-11/Amd1:2019, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 11: Wireless LAN medium access control (MAC) and physical layer (PHY) specifications - Amendment 1: Fast initial link setup, $232.00

IEC Standards

EQUIPMENT FOR ELECTRICAL ENERGY MEASUREMENT AND LOAD CONTROL (TC 13)

IEC 62052-31-V0 Ed. 1.0 en:2015, Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 31: Product safety requirements and tests, $410.00

IEC 62052-31-V0 Ed. 1.0 b:2015, Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 31: Product safety requirements and tests, $410.00

FIBRE OPTICS (TC 86)

IEC 60794-1-31 Ed. 1.0 b:2018, Optical fibre cables - Part 1-31: Generic specification - Optical cable elements - Optical fibre ribbon, $47.00

MEASURING EQUIPMENT FOR ELECTROMAGNETIC QUANTITIES (TC 85)

IEC 60051-9 Ed. 5.0 b:2019, Direct acting indicating analogue electrical measuring instruments and their accessories - Part 9: Recommended test methods, $47.00

NUCLEAR INSTRUMENTATION (TC 45)

IEC 61225 Ed. 3.0 b:2019, Nuclear power plants - Instrumentation, control and electrical power systems - Requirements for static uninterruptible DC and AC power supply systems, $235.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

IEC 61850-7-2 Ed. 2.0 b:2010, Communication networks and systems for power utility automation - Part 7-2: Basic information and communication structure - Abstract communication service interface (ACSI), $410.00

SAFETY OF MEASURING, CONTROL, AND LABORATORY EQUIPMENT (TC 66)

IEC 61010-2-091 Ed. 2.0 b:2019, Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2 -091: Particular requirements for cabinet X-ray systems, $199.00

S+ IEC 61010-2-091 Ed. 2.0 en:2019 (Redline version), Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-091: Particular requirements for cabinet X-ray systems, $259.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

IEC 60904-3 Ed. 4.0 b:2019, Photovoltaic devices - Part 3: Measurement principles for terrestrial photovoltaic (PV) solar devices with reference spectral irradiance data, $317.00

S+ IEC 60904-3 Ed. 4.0 en:2019 (Redline version), Photovoltaic devices - Part 3: Measurement principles for terrestrial photovoltaic (PV) solar devices with reference spectral irradiance data, $412.00

IEC Technical Specifications

STANDARD VOLTAGES, CURRENT RATINGS AND FREQUENCIES (TC 8)

IEC/TS 63060 Ed. 1.0 en:2019, Electric energy supply networks - General aspects and methods for the maintenance of installations and equipment, $235.00

ULTRASONICS (TC 87)

IEC/TS 63070 Ed. 1.0 en:2019, Ultrasonics - Field characterization - Infrared imaging techniques for determining temperature elevation in tissue-mimicking material and at the radiation surface of a transducer in still air, $199.00

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 notified 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 notify proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat issues and makes available these notifications. The purpose of the notification requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The USA Inquiry Point for the WTO TBT Agreement is located at the National Institute of Standards and Technology (NIST) in the Standards Coordination Office (SCO). The Inquiry Point distributes the notified proposed foreign technical regulations (notifications) and makes the associated full-texts available to U.S. stakeholders via its online service, Notify U.S. Interested U.S. parties can register with Notify U.S. to receive e-mail alerts when notifications are added from countries and industry sectors of interest to them.

To register for Notify U.S., please visit http://www.nist.gov/notifyus/.

The USA WTO TBT Inquiry Point is the official channel for distributing U.S. comments to the network of WTO TBT Enquiry Points around the world. U.S. business contacts interested in commenting on the notifications are asked to review the comment guidance available on Notify U.S. at https://tsapps.nist.gov/notifyus/data/guidance/guidance.cfm prior to submitting comments.

For further information about the USA TBT Inquiry Point, please visit: https://www.nist.gov/standardsgov/what-we-do/trade-regulatory-programs/usa-wto-tbt-inquiry-point

Contact the USA TBT Inquiry Point at:(301) 975-2918; Fax: (301) 926-1559; E-mail: usatbtep@nist.gov or notifyus@nist.gov.

Information Concerning

American National Standards

Call for Members

INCITS Executive Board – ANSI Accredited SDO and US TAG to ISO/IEC JTC 1, Information Technology

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

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

Membership in the INCITS Executive Board is open to all directly and materially affected parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, contact Jennifer Garner at jgarner@itic.org or visit http://www.incits.org/participation/membership-info for more information.

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

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

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

SCTE is currently seeking to broaden the membership base of its 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 a 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

FM Approvals

ANSI's Executive Standards Council has approved the reaccreditation of FM Approvals, an ANSI Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on FM Approvals-sponsored American National Standards, effective February 20, 2019. For additional information, please contact: Ms. Josephine Mahnken, Senior Business Process Specialist, FM Approvals, P.O. Box 9102, 1151 Boston-Providence Turnpike, Norwood, MA 02062; phone: 781.255.4813; e-mail: josephine.mahnken@fmapprovals.com.

Illuminating Engineering Society of North America (IES)

ANSI's Executive Standards Council has approved the reaccreditation of the Illuminating Engineering Society of North America (IES), an ANSI Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on IES-sponsored American National Standards, effective February 15, 2019. For additional information, please contact: Ms. Pat McGillicuddy, Manager of Standards Development, Illuminating Engineering Society, 120 Wall Street, 17th Floor, New York, NY 10005; phone: 212.248.5000, ext. 7002, e-mail: pmcgillicuddy@ies.org.

Reaccreditation

Auto Glass Safety Council's AGRSS Standards Committee (ASC AGSC-AGRSS)

Comment Deadline: March 25, 2019

The Auto Glass Safety Council's AGRSS Standards Committee (ASC AGSC-AGRSS) has submitted revisions to its currently accredited operating procedures for documenting consensus on ASC AGSC-AGRSS-sponsored American National Standards, under which it was last reaccredited in 2017. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Ms. Kathy Bimber, Director of Operations, Auto Glass Safety Council, 20 PGA Drive, Suite 201, Stafford, VA 22554; phone: 540.602.3263; e-mail: KBimber@glass.com. You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to ASC AGSC-AGRSS by March 25, 2019, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthompso@ANSI.org).

Scope of ASD Accreditation

ASC A108 – Installation of Ceramic Tile

Comment Deadline: March 25, 2019

Accredited Standards Committee A108, Installation of Ceramic Tile, has updated its informational scope of standards activity on file with ANSI. The new scope statement is as follows:

> The scope of ASC A108 is to develop standards which define the installation of ceramic, glass, stone, and other hard surface tiles and panels as well as the test methods and physical properties for ceramic, glass, stone, and other hard surface flooring and wall covering materials, and related installation materials. These are voluntary standards which are intended to serve as a guide to the general public, manufacturers, distributors, etc. and others in the tile industry.

Any comments or questions related to the revised scope should be submitted by March 25, 2019 to the Secretariat of ASC A108: Ms. Katelyn Simpson, Industry Relations, Tile Council of North America, 100 Clemson Research Boulevard, Anderson, SC 29625; phone: 864.646.8453; e-mail: ksimpson@tileusa.com (please copy psa@ansi.org).

International Organization for Standardization (ISO)

ISO/TC 292 – Security and Resilience

ANSI has been informed that ASIS International, the ANSI-accredited U.S. TAG Administrator for ISO/TC 292, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 292 operates under the following scope:

> Standardization in the field of security to enhance the safety and resilience of society.
>
> Excluded: Sector specific security projects developed in other relevant ISO committees and projects developed in ISO/TC 262 and ISO/PC 278.

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

Meeting Notices

AGA (ASC B109) American Gas Association

An ANSI B109 breakout session will be held in conjunction with AGA's Spring Customer Field Service & Measurement committee meeting on April 30th, 2019 from 1:00 to 3:00 pm EST at the Gaylord Opryland Convention Center, Nashville. TN. Please contact Jeff Meyers at jmeyers@aga.org for details and how to register.

American Society of Safety Professionals (ASSP) – ANSI Z16 Committee

The American Society of Safety Professionals (ASSP) is the secretariat for ANSI Z16 Committee for Safety and Health Metrics and Performance Measures. The next Z16 meeting will take place on April 9th, 10th and 11th, 2019 at ASSP headquarters in Park Ridge, Illinois. Those interested in participating can contact ASSP for additional information at LBauerschmidt@assp.org.

[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.**]**

NSF/ANSI Standard
for Drinking Water Treatment Chemicals– Health Effects

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7 Miscellaneous treatment applications

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Table 7.1
Miscellaneous treatment application products – Product identification, and evaluation

Chemical type (primary use)	Synonyms	Formula (CAS number)	Molecular weight (g)	Preparation method	Typical use level (mg/L)[1]	Minimum test batteries of chemistry-specific analyses[2]
ammonium hexafluorosilicate (fluoridation)	ammonium silico-fluoride, ammonium fluosilicate	$(NH_4)_2SiF_6$ (16919-19-0)	178.14	Method B, Annex B, Section B.3.3	~~1.2~~ 1.0[3]	metals[4], radionuclides
calcium fluoride (fluoridation)	fluorspar, fluorite	CaF_2 (7789-75-5)	78.08	Method B, Annex B, Section B.3.3	~~1.2~~ 1.0[3]	metals[4], radionuclides
copper ethanolamine complexes (algicide)	—	$Cu(NH_2C_2H_4OH)_4^{++}$	variable	Method A, Annex B, Section B.3.2	1.0[5]	metals[4], formulation dependent organics
copper sulfate (algicide)	cupric sulfate	CuSO4 (7758-98-7)	159.61	Method A, Annex B, Section B.3.2	1.0[5]	metals[4]
copper triethanolamine complexes (algicide)	—	$Cu(N(C_2H_4OH)_3)^{++}$	variable	Method A, Annex B, Section B.3.2	1.0[5]	metals[4], formulation dependent organics
ferrous chloride (chlorite reduction)	iron (II) chloride, iron dichloride	$FeCl_2$ (7758-94-3)	126.75	Method K, Annex B, Section B.3.12	—	metals[4] , VOCs

Table 7.1
Miscellaneous treatment application products – Product identification, and evaluation

Chemical type (primary use)	Synonyms	Formula (CAS number)	Molecular weight (g)	Preparation method	Typical use level (mg/L)[1]	Minimum test batteries of chemistry-specific analyses[2]
fluorosilicic acid ~~fluosilicic acid~~ (fluoridation)	fluosilicic acid, hydrofluosilicic acid	H_2SiF_6 (16961-83-4)	144.11	Method B, Annex B, Section B.3.3	~~1.2~~ 1.0[3]	metals[4], radionuclides
magnesium fluorosilicate ~~magnesium silicofluoride~~ (fluoridation)	magnesium silicofluoride, magnesium hexafluorosilicate	$MgSiF_6$ (16949-65-8)	166.40	Method B, Annex B, Section B.3.3	~~1.2~~ 1.0[3]	metals[4]
potassium chloride (softening)	potassium salt	KCl (7447-40-7)	74.55	Method A, Annex B, Section B.3.2	1,000[8]	metals[4], radionuclides
potassium fluoride (fluoridation)	—	KF (7789-23-3)	58.10	Method B, Annex B, Section B.3.3	~~1.2~~ 1.0[3]	metals[4]
sodium bisulfite (dechlorinator & antioxidant)	sodium acid sulfite	$NaHSO_3$ (7631-90-5)	104.07	Method A, Annex B, Section B.3.2	18[6]	metals[4]
sodium chloride (softening or electrolytic chlorination)	sodium salt	NaCl (7647-14-5)	58.44	Method A, annex B, Section B.3.2	800[8]	metals[4], radionuclides, bromide[9]
sodium fluoride (fluoridation)	florocid	NaF (7681-49-4)	42.0	Method B, Annex B, Section B.3.3	~~1.2~~ 1.0[3]	metals[4], radionuclides
sodium metabisulfite (dechlorinator & antioxidant)	sodium pyrosulfite	$Na_2S_2O_5$ (7681-57-4)	190.13	Method A, Annex B, Section B.3.2	15	metals[4]
sodium fluorosilicate ~~sodium silicofluoride~~ (fluoridation)	sodium silicofluoride, sodium fluosilicate	Na_2SiF_6 (16893-85-9)	132.0	Method B, Annex B, Section B.3.3	~~1.2~~ 1.0[3]	metals[4]
sodium sulfite (dechlorinator &	—	Na_2SO_3 (7757-83-7)	126.06	Method A,	22[6]	metals[4]

Table 7.1
Miscellaneous treatment application products – Product identification, and evaluation

Chemical type (primary use)	Synonyms	Formula (CAS number)	Molecular weight (g)	Preparation method	Typical use level (mg/L)[1]	Minimum test batteries of chemistry-specific analyses[2]
antioxidant)				Annex B, Section B.3.2		
sulfur dioxide (dechlorinator & antioxidant)	sulfurous oxide	SO_2 (7446-09-5)	64.07	Method F, Annex B, Section B.3.7	10	metals[4]
tricalcium phosphate (defluoridation)	hydroxyapatite	$Ca_5(PO_4)_3OH$ (12167-4-7)	502	Method B, Annex B, Section B.3.3	120[7]	metals[4], radionuclides, fluoride

[1] The typical use level is an application level that has been used historically in water treatment. The typical use level is not the maximum use level (MUL) for the product, except where specifically stated.

[2] Analysis for all chemistry-specific analytes in these minimum test batteries shall be performed each time the product is evaluated. Analysis shall also include formulation-dependent analytes as identified during formulation review. Testing for specific repackages, blends, or dilutions of previously certified products may be waived.

[3] Based on mg fluoride ion per L water. Total concentration of fluoride ion in finished water may include fluoride which occurs naturally in the source water. US Centers for Disease Control and Prevention recommends an optimal concentration of 0.7 mg/L fluoride ion in drinking water.

[4] Metals = antimony, arsenic, barium, beryllium, cadmium, chromium, copper, lead, mercury, selenium, and thallium

[5] Based on mg copper per L water.

[6] Based on chlorine level of 12 mg/L prior to treatment.

[7] Based on fluoride level of 15 mg/L prior to treatment.

[8] Based on treating up to 40 grains of hardness.

[9] Bromide analysis required for NaCl for use in electrolytic chlorination only.

Rationale: Revised TUL per 2018 JC meeting discussion (November 29, 2018) to coincide with the US Centers for Disease Control's proposed operational tolerance of 0.6 mg/L to 1.0 mg/L fluoride.

An editorial revision is also being made on outdated nomenclature and updated to be consistent with AWWA's fluoridation standards (with old nomenclature now being referenced under the synonyms column). All references to the old nomenclature throughout the standard will be updated in the next edition.

BSR/UL 2237, Standard for Multi-Point Interconnection Power Cable Assemblies for Industrial Machinery

1. Publication of the First Edition of the Standard for Multi-Point Interconnection Power Cable Assemblies for Industrial Machinery, UL 2237

7.1.3.4.1 A polymeric material used for electrical insulation or enclosure of live parts shall have a high-current arc ignition (HAI) performance level category (PLC) rating not less than specified in Table 7.2 as determined in accordance with the Standard for Polymeric Materials - Short Term Property Evaluations, UL 746A. For a material with other than a VTM flammability classification, the acceptability of the material shall be determined using the material thickness employed in the end-use product or a nominal 1/8-in (3.2-mm) thickness, whichever is greater.

Exception No. 1: This requirement does not apply to:

a) A polymeric material used in over-mold applications to form the enclosure of live parts; and

b) A polymeric material used within contact with live parts not to exceed 0.04 in^2 (~~1~~ 26 mm^2) of contact area.

Exception No. 2: A polymeric material used for electrical insulation or enclosure of live parts is not required to comply with this requirement if it complies with the High-Current Arc Resistance to Ignition Test in 45.3.

Table 7.2

High-ampere arc ignition (HAI) ratings

Flammability classification[a]	HAI[b]	
	Mean number of ~~arc~~ arcs[c]	
	s	PLC[d]
V-0, VTM-0	15 and up to 30	3
V-1, VTM-1, 5VA, 5VB	30 and up to 60	2
V-2, VTM-2	30 and up to 60	2
HB	60 or more	1
[a] Flammability classification - Determined in accordance with the Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances, UL 94.		
[b] HAI - High-current arc ignition (HAI) determined in accordance with the Standard for Polymeric Materials - Short Term Property Evaluations, UL 746A.		
[c] Mean number of arcs to cause ignition.		
[d] PLC - Performance level category.		

7.1.4.1 A polymeric material used for electrical insulation or enclosure of live parts shall have the relative thermal index ratings shown in Table 7.3 for the specific application of the insulating material. For materials with other than VTM flammability classifications, the material shall be evaluated using the specimen thickness employed in the end product or nominal 1/8-in (3.2-mm) thickness, whichever is greater.

Exception No. 1: The following generic materials having readings of 65 or less on the Shore Durometer D scale (when measured for 5 s at an ambient temperature of 73.4 ±3.6°F (23.0 ±2.0°C)) are acceptable for use at 140°F (60°C) based on their successful completion of the appropriate accelerated aging test described in the Accelerated Aging Tests, 44:

a) Ethylene/Propylene/Diene (EPDM)

b) Natural Rubber (NR)

c) Neoprene (Chloroprene Butadiene) Rubber (CBR)

d) Nitrile Rubber (NBR)

e) Polyvinyl Chloride (PVC) and its copolymers

f) Silicone Rubber (SIR)

g) Styrene (Butadiene) Rubber (SBR)

h) Thermo Elastomeric [TEE, includes Thermoplastic Elastomers (TPE) and Ethylene Propylene Thermoplastic Rubber (EPTR)]

Exception No. 2: A polymeric material that does not have a RTI value, see the Standard for Safety for Polymeric Materials - Long Term Property Evaluations, UL 746B Table for "Relative Thermal Indices Based Upon Past Field-Test Performance and Chemical Structure" for generic thermal index.

Exception No. 3: A polymeric material used in over-mold applications to form the enclosure of live parts or within contact with live parts not to exceed 0.04 in^2 (~~1~~ 26 mm^2) of contact area shall not require a comparative tracking index (CTI) rating.

7.2.1 A device rated 601 - 1,000 V shall comply with the applicable construction requirements in this standard in addition to the general requirements for Insulating Materials ~~for Devices Rated 600 V or Less,~~ in ~~7.1.1.1~~ 7.1.

7.2.2 An insulating material used as direct or indirect support of an uninsulated live part shall comply with ~~7.1.1.1~~ 7.1 and the Inclined Plane Tracking Test specified in the Standard for Polymeric Materials - Short Term Property Evaluations, UL 746A. The insulating material shall not track beyond one inch in less than 60 min using the time to track method. The voltage for the Inclined Plane Tracking Test shall be not less than the rated voltage of the device.

8.3 Uninsulated live parts shall be secured in place so that the spacings are not reduced below those specified in 12.1.1, 12.2 or 12.3 as appropriate.

9.5 Grounding parts and dead-metal parts shall be secured in place so that the spacings are not reduced below those specified in 12.1.1, 12.2 or 12.3 as appropriate.

27.1 A device tested as described in 27.2 - 27.7 shall not attain a temperature at any point sufficiently high:

a) To constitute a risk of fire;

b) To adversely affect any material employed in the device; or

c) To exceed a temperature rise more than ~~86°F (30°C)~~ when the device is carrying its maximum rated current. This temperature rise is based on devices intended to be wired with conductors rated ~~140°F (60°C)~~. A temperature rise of ~~113°F (45°C)~~ shall be permitted when the device is intended to be wired with conductors rated ~~167°F (75°C)~~ or higher, and so marked. See 48.6.

27.3 If the tests are conducted at an ambient temperature of other than ~~77°F (25°C)~~, the results shall be adjusted to an ambient temperature of ~~77°F(25°C)~~ by adding the appropriate variation between ~~77°F (25°C)~~ and the recorded ambient temperature.

30.5 A weight of 3 ~~lb~~ lbf (14 N) is to be suspended at a point 8 in (203 mm) from where the cord enters the fitting for 15 s. With the weight still attached, the test apparatus mounting plate then is to be rotated 360° about the horizontal axis of the cord exit (from the fitting) in 15 s, during which time the cord-body interface is to be visually examined to determine compliance with 30.1.

40.1 A plug, a cable connector, or a receptacle shall be subjected to a no-load endurance test in which the plug is completely inserted in the receptacle or cable connector in the intended manner to permit its operation and then ~~complete withdrawal~~ completely withdraw, either manually or mechanically~~, after each complete insertion of the plug~~. The total number of operating cycles shall be as specified in the Table 40.1, at a rate no greater than 10 per minute. During this test, there shall be no mechanical or visible damage to any of the parts.

BSR/UL 6200, Standard for Controllers for Use in Power Production

1. ANSI/CAN/UL/ULC Approval of the First Edition of the Standard for Controllers for Use in Power Production, UL/ULC 6200

3.4 Power sources

10.3.2 ~~Misalignment of male and female connectors, insertion of a multi-pin male connector in a female connector other than the one intended to receive it, and other manipulations of parts that are accessible to the operator shall not result in mechanical damage or a risk of fire, electric shock, or injury to persons.~~ Plugs and connectors shall be selected for designs that prevent the misalignment of male and female connectors, insertion of a multi-pin male connector in a female connector other than the one intended to receive it, and other manipulations of parts that are accessible to the operator shall not result in mechanical damage or a risk of fire, electric shock, or injury to persons.

11.4 Circuits are ~~consider~~ considered to involve a risk of electric shock unless they comply with:

a) The Standard for Stationary Engine Generator Assemblies, UL 2200 limited voltage limited energy (LVLE) requirements;

b) UL 2200 Accessible Signal Circuits

c) UL 2200 or the Standard for Low Voltage Transformers - Part 3: Class 2 and Class 3 Transformers, UL 5085-3 for the United States and Low Voltage Transformers - Part 3: Class 2 and Class 3 Transformers, CSA C22.2 No. 66.3 Class 2 requirements for Canada; or

d) Battery supplied circuits operating at not greater than 60 V dc.

12.1.1 Solid insulating materials shall be evaluated to the requirements in:

a) The Standard for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C for the United States and

b) Evaluation of Properties of Polymeric Materials, CAN/CSA C22.2 No. 0.17 for Canada.

Exception No. 1: The generic materials from Table 12.1 are suitable for direct support of live parts.

Exception No. 2: The generic materials from Table 12.2 are suitable for use as an insulating barrier when they do not directly support live parts.

Exception No. 3: Solid insulation used as a coating, potting, encapsulation, or cemented joint to create a pollution degree 1 micro environment for reduced creepage distances per Tables 12.1 and 12.2 or in lieu of the required creepage and clearance distances

shall alternatively comply with the Test for Pollution Degree 1 Environment and for Insulating Compound or Test for Cemented Joint from:

a) The Standard for Information Technology Equipment - Safety - Part 1: General Requirements, UL 60950-1 for the United States and

b) Information Technology Equipment - Safety - Part 1: General Requirements, CAN/CSA C22.2 No. 60950-1 for Canada.

~~*When the solid insulation is used in lieu of clearance distances, the construction shall additionally comply with the Production-Line Solid Insulation Verification tests.*~~

14.2 A Class 1 power-limited circuit, in accordance with:

a) The National Electrical Code (NEC), NFPA 70 for the United States and

b) The Canadian Electrical Code, CSA C22.1, for Canada

used to supply a programmable control circuit shall be supplied from a source having a rated output of no more than 30 volts and 1000 volt-amperes. When the source is other than a transformer, the circuit shall be protected by an overcurrent protection device rated no more than 167 percent of the volt-ampere rating divided by the rated voltage. ~~The overcurrent device shall not be interchangeable with overcurrent devices of higher ratings.~~

37.3 ~~Utility~~ Systems that include utility interactive circuits shall comply with the requirements of the Standard for Interconnecting Distributed Resources with Electric Power Systems, IEEE 1547 and the surge requirements of Surge Withstand Capability (SWC) Tests for Relays and Relay Systems Associated with Electric Power Apparatus, IEEE C37.90.1 for the intended application.

37.4 Signal and communication circuits permanently ~~connection~~ connected to Utility interactive devices shall comply with the requirements of the Standard for Interconnecting Distributed Resources with Electric Power Systems, IEEE 1547 and the surge requirements of Surge Withstand Capability (SWC) Tests for Relays and Relay Systems Associated with Electric Power Apparatus, IEEE C37.90.1 for the intended application.

BSR/UL 142, Standard for Safety for Steel Aboveground Tanks for Flammable and Combustible Liquids

PROPOSAL

11A Tanks Storing Liquids with Specific Gravity Greater Than 1.0

11A.2 The steel thickness of tanks storing liquids with a specific gravity greater than 1.0 shall be determined by one of the following methods:

a) Vertical tanks with flat bottoms and without supports: Calculate the equivalent height ~~(or diameter)~~ of the tank by multiplying the desired tank height ~~(or diameter for horizontal tanks)~~ by the desired specific gravity. The resulting equivalent height ~~(or diameter for horizontal tanks)~~ shall be used in Table 15.1 ~~for vertical tanks (or Table 13.1 for horizontal tanks)~~ to determine the steel thickness. ~~The steel thickness of rectangular tanks shall use this same method for determining equivalent tank height and use the resulting thicknesses from the performance testing described in paragraph 18.~~ The same method shall be used for determining the secondary tank steel thickness for secondary containment tanks.

b) The tank shall be evaluated per the requirements of Section 40, Hydrostatic Strength Test, except the test pressure shall be two times the calculated tank bottom pressure based on the maximum anticipated specific gravity when the tank is filled to the maximum height.

c) Tank construction shall be evaluated by a Professional Engineer ~~submitting~~ using calculations or analytical tools for approval using the maximum anticipated specific gravity. The calculations or analysis shall be based on two times the weight of a full tank containing the maximum specific gravity liquid.

d) Integral supports for all tanks shall be evaluated per Part IV Tank Supports, except the support load test or evaluations shall be based on two times the weight of a full tank containing the maximum specific gravity liquid.

~~11A.3 Integral supports for all tanks shall be evaluated per Part IV Tank Supports, except the support load test or evaluations shall be based on two times the weight of a full tank containing the maximum specific gravity liquid.~~

11B Tanks with Bottoms Other Than Flat

11B.2 The strength of the assembly of these tanks shall be determined by one of the following methods:

a) Tank design shall be tested to demonstrate the strength of the assembly per the Hydrostatic Strength Test in Section 40; or

b) Tank construction shall be evaluated ~~and stamped~~ by a Professional Engineer using calculations or analytical tools ~~showing compliance or equivalence to the above test method for the tank design~~ for approval. The calculations or analysis shall be based on two times the weight of a full tank.

BSR/UL 203A, Sway Brace Devices for Sprinkler System Piping

1. **Safety Factor Revision**

PROPOSAL

5.5 LOAD RATING, NONRIGID ASSEMBLY - The published ~~load rating~~maximum force to be applied to a non-rigid assembly, which is less than or equal to the manufacturer's specified minimum breaking strength of the cable divided by ~~1.5~~2.2.

9.1 Rigid sway brace devices installed in accordance with the manufacturer's installation instructions on the appropriate pipe are to be installed in a tension-compression test apparatus in a manner duplicating as closely as possible their intended field installation. Rigid sway brace fittings, brace members, the simulated system pipe, or any other part of the brace assembly shall withstand ~~1.5~~2.2 times either the manufacturer's rated load or the load specified in Table 9.1, whichever is greater, for one minute in both tension and compression without movement in excess of the criteria identified in 9.3. When the maximum installation angle is less than 90 degrees, the minimum rated load shall be equal to the test load at the maximum angle divided by the sine of the test brace angle, then divided by ~~1.5~~2.2.

Exception: Structural attachment fittings and adapters shall withstand ~~1.5~~2.2 times the manufacturer's rated load, without reduction of the test load for one minute in both tension and compression.

Table 9.1
Minimum rated load

Sprinkler system pipe size, NPS	Minimum rated load,		Minimum test load[a],	
	lb-f	(Newtons)	lb-f	(Newtons)
4 and smaller	~~1000~~ 680	(~~4448~~3025)	~~1500~~ 1496	(~~6672~~6655)
5,6	~~1600~~ 1090	(~~7117~~4849)	~~2400~~ 2398	(~~10676~~10667)
8	~~2015~~ 1370	(~~8963~~6094)	~~3023~~ 3014	(~~13447~~13407)
10	~~2765~~ 1885	(~~12299~~8385)	~~4148~~ 4147	(~~18451~~18446)
12	~~3740~~ 2550	(~~16636~~11342)	5610	(24954)

[a] This is the minimum test load at 90 degrees

9.2 Sway Brace devices installed in accordance with the manufacturer's installation instructions on the appropriate pipe are to be installed in a tension test apparatus in a manner duplicating as closely as possible their intended field installation. Non rigid fittings, cable, and any other part used in non-rigid sway brace assemblies shall be capable of maintaining ~~1.5~~2.2 times the rated load applied in tension for one minute without movement in excess of the criteria identified in 9.3. The rated load shall be equal to the minimum breaking strength of the cable divided by ~~1.5~~2.2. The minimum breaking strength of the cable shall be as specified in 6.10.

9.8 Structure attachment fittings and adapters shall have the maximum test load applied at each angle. For all other products, the load to be applied at each angle (y) shall be determined by dividing the maximum test load (L) by sine at the maximum test angle (x) times sine of the angle being tested (y). The following equation shall be used:

Test load at angle y =(L/Sine x°) * Sine y°

Example - 4-inch Sway Brace Fitting

maximum test angle = 90° (x) and load rating of ~~1000~~ 680 lb (L). Test load = ~~1500~~ ~~1496~~ lb. To test product at 30° (y), the following equation would be used:

(~~1500~~ 1496 lb/Sine 90°) * Sine 30° = ~~750~~ 748 lb

Therefore the load to be applied at 30° = ~~750~~ 748 lb.

9.14 The rated load for a rigid sway brace component shall not be less than the loads specified in Table 9.1 for the intended system pipe size, except for structure attachment fittings and adapters. The published rated load shall be that specified in Table 9.1 or a greater rating as determined by conformance with the testing requirements of this standard, referenced in 100 pound-force (444.8 N) increment values above Table 9.1 minimums. For example, a product approved for an 8 inch pipe size shall be at least ~~2100~~ 1400 pound-force (~~9341~~ 6228 N) to achieve a greater rating.

2. **Structure Attachment Revision**

PROPOSAL

9.1 Rigid sway brace devices installed in accordance with the manufacturer's installation instructions on the appropriate pipe are to be installed in a tension-compression test apparatus in a manner duplicating as closely as possible their intended field installation. Rigid sway brace fittings, brace members, the simulated system pipe, or any other part of the brace assembly shall withstand 1.5 times either the manufacturer's rated load or the load specified in Table 9.1, whichever is greater, for one minute in both tension and compression without movement in excess of the criteria identified in 9.3. When the maximum installation angle is less than 90 degrees, the minimum rated load shall be equal to the test load at the maximum angle divided by the sine of the test brace angle, then divided by 1.5. The required test load shall be applied to the sway brace device in each installation angle indicated in 9.7 by either applying the full test load directly to the device with the force applied in-line with the brace member or with the force applied at an angle to brace member such that the realized test load on the component is equal to the full test load.

Exception: Structural attachment fittings and adapters may be rated at loads less than those specified in Table 9.1 and shall withstand 1.5 times the manufacturer's rated load, without reduction of the test load for one minute in both tension and compression.

9.4 For structure attachment fittings and adapters:

a) Where a structure attachment fitting is intended to be used with another component to attach to a brace member, the samples for testing shall utilize the components assembled as they are intended to be used in accordance with the manufacturers use instructions. For example where a structure attachment fitting is intended to use an adapter to connect to the brace member, the structure attachment fitting shall be tested with the adapter. ~~No movement in excess of 1/2 in. (12.7 mm) for products intended for use with pipe sizes less than 4 inches (101.6 mm).~~

b) No elongation or shortening of the test assembly ~~movement~~ in excess of 1 in. (25.4 mm) ~~for products intended for use with pipe sizes greater than or equal to 4 inches (101.6 mm)~~.

9.8 Where the test load is applied at an angle to the brace member~~Structure attachment fittings and adapters shall have the maximum test load applied at each angle. For all other products~~, the load to be applied at each angle (y) shall be determined by dividing the maximum test load (L) by sine at the maximum test angle (x) times sine of the angle being tested (y). The following equation shall be used:

Test load at angle y =(L/Sine x°) * Sine y°

Example - 4-inch Sway Brace Fitting

maximum test angle = 90° (x) and load rating of 1000 lb (L). Test load = 1500 lb. To test product at 30° (y), the following equation would be used:

(1500 lb/Sine 90°) * Sine 30° = 750 lb

Therefore the load to be applied at 30° = 750 lb.

BSR/UL 498, Standard for Attachment Plugs and Receptacles

1. Addition of Requirements for Markings and Instructions as New Paragraph 193.1.1.1

193.1.1.1 Markings and instructions that are alternatively permitted on a stuffer sheet, information sheet etc. may be provided via a manufacturer's web site. The web address shall be marked on the device, packaging and/or information sheet. The web address may be in the form of a Uniform Resource Locator (URL - http://www. .com/ /), or as a Quick Response Code (QRcode). This does not apply to markings that are specified to be located on the device or the packaging/container only (not a stuffer sheet) but this information may be repeated on the web site.

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

1. Alignment of Requirements of Paragraph 32.1.5 (b) with Figure 32.1

32.1.5 As illustrated in Figure 32.1, a second set of five specimen shall be tested if either of the following is observed:

a) If within the first set of five specimens there are mixed results (some resulting in ignition and some resulting in melt through), a second set of five specimens shall be tested and the average of all the ignition times shall be used to generate a calculated average.

b) If the ignition time of one or more of the specimens in the first set ~~of five specimens~~ differs ~~by one or more~~ in PLC values from any other specimen ~~in the first set, either higher or lower,~~ then an additional set of five specimens shall be tested. ~~and the~~ The average ~~of all the ignition times shall be used to generate a calculated average~~ ignition time shall be calculated based on all specimens from both sets (excluding melt through specimens, if any).

Exception: If none of the specimens out of a set of five ignites within 120 seconds, then a PLC value of 0 is to be assigned.

BSR/UL 1004-5, Fire Pump Motors

1. Requirements for motors rated from 601 V - 7.2 kV and greater than 500 h

PROPOSAL

8.1 A fire pump motor rated 600 V or less and 500 hp or less is to be operated continuously for 12 seconds at rated voltage and frequency with the rotor locked. The locked-rotor current is to be measured during the first 3 seconds of the test.

8.2 A motor rated from 601 V - 7.2 kV, or greater than 500 hp, is to be ~~energized at rated voltage and frequency with the rotor locked for 3 seconds or until the locked-rotor current begins to decrease, whichever occurs first. The locked-rotor current is to be measured at the conclusion of the test.~~ operated continuously for 12 seconds at rated voltage and frequency with the rotor locked. The locked rotor current is to be measured during the first 3 seconds of the test.

Exception: The motor may be operated continuously for less than 12 seconds if marked as specified in 11.8.

8.3 A fire pump motor shall continue to operate and show no evidence of electrical breakdown as a result of the ~~Locked Rotor Test~~ locked-rotor current evaluation specified in 8.1 or 8.2.

8.4 The measured locked-rotor current for a polyphase motor rated 600 V or less and 500 hp or less shall not exceed the values in Table 8.1 for 60 Hz motors and Table 8.2 for 50 Hz motors when adjusted to the rated voltage. For voltages other than 230 V or 380 V, the locked-rotor current shall be inversely proportional to the voltages. (For example, for a ~~115~~ 460 V motor, the maximum locked-rotor current at a given horsepower rating is ~~twice~~ half the maximum value at 230 V.)

Table 8.3
Maximum (single-phase designated design N) locked-rotor current values for 115/230 V, 60 Hz

Power rating		Locked-rotor current, A, at 60 Hz, 115/230 V	Motor designation (NFPA 70 locked rotor indicating code letter) "F" to and including 115/230 V
kW	(hp)		
0.373	(1/2)	45/25	M/N
0.625	(3/4)	61/35	L/M
0.75	(1)	80/45	L/M

10.2.1 For motors rated 600 V or less and 500 hp or less not included in Table 10.1, Table 10.2, and Table 10.3 and motors rated from 601 V - 7.2 kV, or greater than 500 hp, the breakdown torque and pull-up torque shall be equal to or greater than the values in Table 10.4.

11.5 Machines that are only suitable for starting on Y connection and running on delta connection shall be marked with a code letter corresponding to the locked-rotor kVA per horsepower for the Y connection. Machines that are suitable for both across-the-line starting and for starting on Y connection and running on delta connection shall be marked with a code letter corresponding to the locked-rotor kVA per horsepower for across-the-line starting. Machines that are suitable for only across-the-line starting and running on delta connection shall be marked with a code letter corresponding to the locked-rotor kVA per horsepower for across-the-line starting.

11.8 A fire pump motor rated from 601 V - 7.2 kV, or greater than 500 hp, and operated for less than 12 seconds continuously as specified in the Exception to 8.2 shall be marked “Continuous locked rotor operation verified as seconds”. The shall be the number of seconds the motor was tested with the rotor locked.

BSR/UL 1558, Standard for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear

1. Addition of Requirements to Section 19.6 for the Allowance for Emergency Use Switchgear

19.6.2 A switchgear section may be marked “Emergency Source,” “Emergency Transfer Switch Section,” or equivalent when it contains an automatic transfer switch marked for use in emergency systems, under the following conditions:

a) The transfer switch shall be located in a section having dimensions no smaller than those specified in the installation instructions of the transfer switch.

b) Overcurrent protection shall be provided for control wiring that is intended to leave the switchgear section to supply a remote test switch or pilot light.

c) The transfer switch and emergency circuits are located in a separate vertical switchgear section that does not contain any wiring associated with non-emergency loads other than the normal source connection to the transfer switch. This separate vertical section may share a common bus with other vertical sections when the ~~common bus~~ switchgear complies with one of the following:

1) The ~~bus is not supplied with~~ switchgear does not contain overcurrent protection ~~at~~ between the emergency source and the common bus or

2) The ~~bus is supplied with overcurrent protection at the source that is capable of being~~ switchgear contains overcurrent protection between the emergency source and the common bus, and this overcurrent protection is selectively coordinated with ~~the downstream~~ all overcurrent devices ~~of the nonemergency systems and~~ located within the switchgear ~~is marked to indicate that all overcurrent protective devices shall be selectively coordinated at the time of installation~~ and connected on the load side of the emergency source overcurrent device.

19.6.4 All overcurrent devices located within the switchgear, and connected in series within the emergency circuits shall be selectively coordinated.

BSR/UL 60335-2-24, Standard for Safety for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers

30 Resistance to Heat and Fire

30.2.1DV D2 Modification to replace 30.2.1DV of the Part 1 with the following:

The glow-wire test is not carried out on parts of material classified at least HB according to UL 94 or CSA C22.2 No. 0.17 or having a glow-wire ignition temperature according to IEC 60695-2-13 of at least 575 °C, provided that the test sample was no thicker than the relevant part of the appliance.

30.3DV D2 Modification to add the following note to Clause 30:

NOTE IEC and ISO references to flammability designations are equivalent to the same designations in CSA C22.2 No. 0.17 and UL 94.