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: July 12, 2020

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 ph: (734) 418-6660 www.nsf.org

Revision

BSR/NSF 14-202x (i107r3), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2019)

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

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: jsnider@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF/CAN 60-202x (i92r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF/CAN 60-2019)

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 optional copy to psa@ansi.org) to: mleslie@nsf.org

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062 ph: (847) 664-1292 https://ul.org/

Revision

BSR/UL 498-202x, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2020)

This proposal for UL 498 covers: (1) Changes in requirements for connectors with latching mechanisms; (2) New requirements for high ambient temperature for 15 and 20 A straight blade receptacles.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

171 Nepean Street, Suite 400, Ottawa, ON K2P 0B4 Canada ph: (613) 755-2729 https://ul.org/

Revision

BSR/UL 514C-202X, Standard for Safety for Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers (revision of ANSI/UL 514C -2020)

(1) Topic – Revisions to the Standard to address changes needed to accommodate the use of an overmold or overlay material to close small openings in boxes for air-seal applications.

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UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 ph: (510) 319-4269 https://ul.org/

Revision

BSR/UL 521-202x, Standard for Safety for Heat Detectors for Fire Protective Signaling Systems (revision of ANSI/UL 521-2019)

Proposed new stability test revisions to address the long-term performance of low-temperature eutectic solder, typically used in the construction of most mechanical heat detectors.

Click here to view these changes in full
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Comment Deadline: July 12, 2020

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 ph: (919) 549-0956 https://ul.org/

Revision

BSR/UL 753-202x, Standard for Safety for Alarm Accessories for Automatic Water-Supply Control Valves for Fire-Protection Service (revision of ANSI/UL 753-2013 (R2018))

(1) Correction to Figure 34.1.

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UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 ph: (919) 549-0956 https://ul.org/

Revision

BSR/UL 1247-202x, Standard for Safety for Diesel Engines for Driving Stationary Fire Pumps (revision of ANSI/UL 1247-2020)

(1) Electronic fuel-managed engines.

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UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 ph: (847) 664-3416 https://ul.org/

Revision

BSR/UL 1369-202x, Standard for Safety for Aboveground Piping for Flammable and Combustible Liquids (revision of ANSI/UL 1369 -2018a)

The following is being recirculated: (1A) Revisions to the Fire test.

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UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 ph: (919) 549-1851 https://ul.org/

Revision

BSR/UL 121201-202x, Standard for Safety for Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations (revision of ANSI/UL 121201-2019)

This proposal for UL 121201 covers: (1) Revisions to opening of sealed devices; (2) Revisions to consideration of normal operating conditions; (3) Revisions to the application of general industrial/ordinary locations requirements; (4) Revisions to Li ion batteries used in Division 2 portable equipment; (5) Revisions to the sealed device requirements; (6) Revisions to the Drop test for portable equipment; and (7) Revisions to correct reference in Clauses 5.1.2 and 5.3.1.

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Comment Deadline: July 27, 2020

AAFS (American Academy of Forensic Sciences)

410 North 21st Street, Colorado Springs, CO 80904 ph: (719) 453-1036 www.aafs.org

New Standard

BSR/ASB Std 026-202x, Canine Detection of Humans: An Aged Trail Using Pre-Scented Canines (new standard)

This document provides the requirements for training, certification and documentation pertaining to pre-scented canine-aged track/trail search. Pre-scented canine aged trail searches use a canine team (canine and handler) to search for and follow aged trails of a specific person's (target) scent over different surface types. An aged track/trail is a human scent pathway that has been present for some period of time, typically expressed with a time frame associated with the track/trail (e.g., a 24-hour or older track/trail).

Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination/.
Order from: Document will be provided electronically on AAFS Standards Board website (www.asbstandardsboard.org) free of charge
Send comments (with optional copy to psa@ansi.org) to: asb@aafs.org

AGMA (American Gear Manufacturers Association)

1001 N Fairfax Street, 5th Floor, Alexandria, VA 22314-1587 ph: (703) 684-0211 www.agma.org

Reaffirmation

BSR/AGMA 6014-B-2015 (R202x), Gear Power Rating for Cylindrical Shell and Trunnion Supported Equipment (reaffirmation of ANSI/AGMA 6014-B-2015)

This standard provides a method to determine the power rating of gear sets with spur and helical conventional pinions and spur self-aligning pinions for cylindrical grinding mills, kilns, coolers, and dryers.

Single copy price: $156.00
Obtain an electronic copy from: tech@agma.org
Order from: tech@agma.org
Send comments (with optional copy to psa@ansi.org) to: aboutaleb@agma.org

AGMA (American Gear Manufacturers Association)

1001 N Fairfax Street, 5th Floor, Alexandria, VA 22314-1587 ph: (703) 684-0211 www.agma.org

Reaffirmation

BSR/AGMA 6114-B-2015 (R202x), Gear Power Rating for Cylindrical Shell and Trunnion Supported Equipment - Metric Edition (reaffirmation of ANSI/AGMA 6114-B-2015)

This standard provides a method to determine the power rating of gear sets with spur and helical conventional pinions and spur self-aligning pinions for cylindrical grinding mills, kilns, coolers, and dryers.

Single copy price: $125.00
Obtain an electronic copy from: tech@agma.org
Order from: tech@agma.org
Send comments (with optional copy to psa@ansi.org) to: aboutaleb@agma.org

Comment Deadline: July 27, 2020

AGMA (American Gear Manufacturers Association)

1001 N Fairfax Street, 5th Floor, Alexandria, VA 22314-1587 ph: (703) 684-0211 www.agma.org

Reaffirmation

BSR/AGMA 9112-B-2015 (R202x), Bores and Keyways for Flexible Couplings (Metric Series) (reaffirmation of ANSI/AGMA 9112-B -2015)

This standard presents metric dimensions, tolerances, sizes, and fits for straight bores, tapered bores, and keys and keyways for unmounted industrial flexible couplings.

Single copy price: $62.00
Obtain an electronic copy from: tech@agma.org
Order from: tech@agma.org
Send comments (with optional copy to psa@ansi.org) to: aboutaleb@agma.org

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK57370-202x, Test Method for Seam Measurement Procedure for Baseballs and Softballs (new standard)

https://www.astm.org/ANSI_SA

Single copy price: Free
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ASTM (ASTM International)

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New Standard

BSR/ASTM WK59635-202x, Test Method for Determining Flammability of Exterior Wall Assemblies for Mass Timber Multi-story Structures (new standard)

https://www.astm.org/ANSI_SA

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New Standard

BSR/ASTM WK63718-202x, Test Method for Determination of Fatty Acid Methyl Esters (FAME) in Aviation Turbine Fuel using Mid-Infrared Laser Spectroscopy (new standard)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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

New Standard

BSR/ASTM WK68390-202x, Test Method for Determining the Water Holding Capacity of Equine Surfaces (new standard)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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New Standard

BSR/ASTM WK71122-202x, Test Method for Permeability of Equine Surfaces (new standard)

https://www.astm.org/ANSI_SA

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Reaffirmation

BSR/ASTM D3240-2015 (R202x), Test Method for Undissolved Water In Aviation Turbine Fuels (reaffirmation of ANSI/ASTM D3240 -2015)

https://www.astm.org/ANSI_SA

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Reaffirmation

BSR/ASTM E1323-2015 (R202x), Guide for Evaluating Laboratory Measurement Practices and the Statistical Analysis of the Resulting Data (reaffirmation of ANSI/ASTM E1323-2015)

https://www.astm.org/ANSI_SA

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Reaffirmation

BSR/ASTM E2819-2011 (R202x), Practice for Single- and Multi-Level Continuous Sampling of a Stream of Product by Attributes Indexed by AQL (reaffirmation of ANSI/ASTM E2819-2011 (R2015))

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Reaffirmation

BSR/ASTM F1784-2008 (R202x), Test Method for Performance of a Pasta Cooker (reaffirmation of ANSI/ASTM F1784-2008 (R2015))

https://www.astm.org/ANSI_SA

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Reaffirmation

BSR/ASTM F1785-2008 (R202x), Test Method for Performance of Steam Kettles (reaffirmation of ANSI/ASTM F1785-2008 (R2015))

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Reaffirmation

BSR/ASTM F1787-2008 (R202x), Test Method for Performance of Rotisserie Ovens (reaffirmation of ANSI/ASTM F1787-2008 (R2015))

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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Reaffirmation

BSR/ASTM F2202-2007 (R202x), Specification for Slow Cook/Hold Ovens and Hot Food Holding Cabinets (reaffirmation of ANSI/ASTM F2202-2007 (R2015))

https://www.astm.org/ANSI_SA

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Reaffirmation

BSR/ASTM F2237-2008 (R202x), Test Method for Performance of Upright Overfired Broilers (reaffirmation of ANSI/ASTM F2237 -2008 (R2015))

https://www.astm.org/ANSI_SA

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Reaffirmation

BSR/ASTM F2398-2011 (R202x), Test Method for Measuring Moment of Inertia and Center of Percussion of a Baseball or Softball Bat (reaffirmation of ANSI/ASTM F2398-2011 (R2015))

https://www.astm.org/ANSI_SA

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Reaffirmation

BSR/ASTM F2875-2010 (R202x), Guide for Laboratory Requirements Necessary to Test Commercial Cooking and Warming Appliances to ASTM Test Methods (reaffirmation of ANSI/ASTM F2875-2010 (R2015))

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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Revision

BSR/ASTM D910-202x, Specification for Leaded Aviation Gasolines (revision of ANSI/ASTM D910-2019)

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Revision

BSR/ASTM D1655-202x, Specification for Aviation Turbine Fuels (revision of ANSI/ASTM D1655-2020)

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Revision

BSR/ASTM D3241-202x, Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels (revision of ANSI/ASTM D3241 -2020)

https://www.astm.org/ANSI_SA

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Revision

BSR/ASTM D4054-202x, Practice for Evaluation of New Aviation Turbine Fuels and Fuel Additives (revision of ANSI/ASTM D4054 -2019)

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ASTM (ASTM International)

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Revision

BSR/ASTM D7254-202x, Specification for Polypropylene (PP) Siding (revision of ANSI/ASTM D7254-2017)

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Revision

BSR/ASTM D7719-202x, Specification for High Aromatic Content Unleaded Hydrocarbon Aviation Gasoline (revision of ANSI/ASTM D7719-2018)

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Revision

BSR/ASTM D7793-202x, Specification for Insulated Vinyl Siding (revision of ANSI/ASTM D7793-2017)

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Revision

BSR/ASTM E23-202x, Test Methods for Notched Bar Impact Testing of Metallic Materials (revision of ANSI/ASTM E23-2018)

https://www.astm.org/ANSI_SA

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Revision

BSR/ASTM E136-202x, Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750C (revision of ANSI/ASTM E136-2019)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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

Revision

BSR/ASTM E800-202x, Guide for Measurement of Gases Present or Generated during Fires (revision of ANSI/ASTM E800-2014)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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Revision

BSR/ASTM E1678-202x, Test Method for Measuring Smoke Toxicity for Use in Fire Hazard Analysis (revision of ANSI/ASTM E1678 -2015)

https://www.astm.org/ANSI_SA

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Revision

BSR/ASTM E2061-202x, Guide for Fire Hazard Assessment of Rail Transportation Vehicles (revision of ANSI/ASTM E2061-2018)

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

Revision

BSR/ASTM E2280-202x, Guide for Fire Hazard Assessment of the Effect of Upholstered Seating Furniture Within Patient Rooms of Health Care Facilities (revision of ANSI/ASTM E2280-2017)

https://www.astm.org/ANSI_SA

Single copy price: Free
Obtain an electronic copy from: lklineburger@astm.org
Order from: Laura Klineburger, (610) 832-9744, accreditation@astm.org
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ASTM (ASTM International)

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

Revision

BSR/ASTM E2935-202x, Practice for Conducting Equivalence Testing in Laboratory Applications (revision of ANSI/ASTM E2935 -2017)

https://www.astm.org/ANSI_SA

Single copy price: Free
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ASTM (ASTM International)

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

Revision

BSR/ASTM E2989-202x, Guide for Assessment of Continued Applicability of Reaction to Fire Test Reports Used in Building Regulation (revision of ANSI/ASTM E2989-2019)

https://www.astm.org/ANSI_SA

Single copy price: Free
Obtain an electronic copy from: lklineburger@astm.org
Order from: Laura Klineburger, (610) 832-9744, accreditation@astm.org
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ASTM (ASTM International)

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

Revision

BSR/ASTM F1446-202x, Test Methods for Equipment and Procedures Used in Evaluating the Performance Characteristics of Protective Headgear (revision of ANSI/ASTM F1446-2015a)

https://www.astm.org/ANSI_SA

Single copy price: Free
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Comment Deadline: July 27, 2020

ASTM (ASTM International)

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

Revision

BSR/ASTM F1960-202x, Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-Linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F1960-2019)

https://www.astm.org/ANSI_SA

Single copy price: Free
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ASTM (ASTM International)

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

Revision

BSR/ASTM F2806-202x, Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (Metric SDR-PR) (revision of ANSI/ASTM F2806-2017)

https://www.astm.org/ANSI_SA

Single copy price: Free
Obtain an electronic copy from: lklineburger@astm.org
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ASTM (ASTM International)

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

Revision

BSR/ASTM F2844-202x, Test Method for Displacement Compression of Softball and Baseball Bat Barrels (revision of ANSI/ASTM F2844-2015 (R2016))

https://www.astm.org/ANSI_SA

Single copy price: Free
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ASTM (ASTM International)

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

Revision

BSR/ASTM F2845-202x, Test Method for Measuring the Dynamic Stiffness (DS) and Cylindrical Coefficient of Restitution (CCOR) of Baseballs and Softballs (revision of ANSI/ASTM F2845-2014)

https://www.astm.org/ANSI_SA

Single copy price: Free
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ASTM (ASTM International)

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

Revision

BSR/ASTM F3347-202x, Specification for Metal Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-Linked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F3347-2020)

https://www.astm.org/ANSI_SA

Single copy price: Free
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Order from: Laura Klineburger, (610) 832-9744, accreditation@astm.org
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ASTM (ASTM International)

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

Revision

BSR/ASTM F3348-202x, Specification for Plastic Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-Linked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F3348-2020)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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

Revision

BSR/ASTM F3353-202x, Guide for Shipboard Use of Lithium-Ion (Li-ion) Batteries (revision of ANSI/ASTM F3353-2019)

https://www.astm.org/ANSI_SA

Single copy price: Free
Obtain an electronic copy from: lklineburger@astm.org
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ASTM (ASTM International)

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

Revision

BSR/ASTM F3386-202x, Specification for Detonation Flame Arresters (revision and redesignation of ANSI/ASTM F3386/F3386M -2019)

https://www.astm.org/ANSI_SA

Single copy price: Free
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Order from: Laura Klineburger, (610) 832-9744, accreditation@astm.org
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Comment Deadline: July 27, 2020

AWS (American Welding Society)

8669 NW 36th Street, Suite #130, Miami, FL 33166-6672 ph: (800) 443-9353 www.aws.org

New Standard

BSR/AWS D16.5M/D16.5-202x, Training Guide for Robotic Arc Welding Personnel (new standard)

This training guide provides technical information necessary to train personnel in the safe and effective use of industrial welding robots and welding robot systems. This guide includes a summary of the requisite education resources required for training and the emphasis will be placed on training individuals need in accordance with the principles of the AWS D16.4M/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: jrosario@aws.org
Order from: Jennifer Rosario, (800) 443-9353, jrosario@aws.org
Send comments (with optional copy to psa@ansi.org) to: adavis@aws.org

AWWA (American Water Works Association)

6666 W. Quincy Ave., Denver, CO 80235 ph: (303) 347-6178 www.awwa.org

Reaffirmation

BSR/AWWA G430-2014 (R202x), Security Practices for Operations and Management (reaffirmation of ANSI/AWWA G430-2014)

This standard covers the minimum requirements for a protective security program for a water, wastewater, or reuse utility.

Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Order from: AWWA, Attn: Vicki David
Send comments (with optional copy to psa@ansi.org) to: AWWA, Attn: Paul J. Olson

AWWA (American Water Works Association)

6666 W. Quincy Ave., Denver, CO 80235 ph: (303) 347-6178 www.awwa.org

Revision

BSR/AWWA C670-202x, Online Chlorine Analyzer Operation and Maintenance (revision of ANSI/AWWA C670-2015)

This standard describes online chlorine analyzer operation and maintenance (O&M) when the online chlorine analyzer is used for monitoring in the treatment of potable water, reclaimed water, or wastewater.

Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Order from: AWWA, Attn: Vicki David
Send comments (with optional copy to psa@ansi.org) to: AWWA, Attn: Paul J. Olson

CSA (CSA America Standards Inc.)

8501 E. Pleasant Valley Road, Cleveland, OH 44131 ph: (216) 524-4990 www.csagroup.org

Revision

BSR/CSA Z21.47/CSA 2.3-202x, Gas-fired central furnaces (same as CSA 2.3) (revision and redesignation of ANSI Z21.47-2016)

Details test and examination criteria for automatically operating gas-fired central furnaces for use with nat., mfd. and mixed gases, LP gases and LP gas air mixtures. Central furnaces are designed to supply heated air through ducts to building spaces remote from or adjacent to the appliance location. Central furnaces are intended for installation in residential, commercial and industrial structures including Direct Vent, Recreational Vehicle, Outdoor and Manufactured (Mobile) Home.

Single copy price: Free
Obtain an electronic copy from: david.zimmerman@csagroup.org
Order from: David Zimmerman, (216) 524-4990, ansi.contact@csagroup.org
Send comments (with optional copy to psa@ansi.org) to: Same

Comment Deadline: July 27, 2020

CTA (Consumer Technology Association)

1919 South Eads Street, Arlington, VA 22202 ph: (703) 907-7697 www.cta.tech

Stabilized Maintenance

BSR/CTA 109-D-2009 (S202x), Intermediate Frequencies for Entertainment Receivers (stabilized maintenance of ANSI/CTA 109-D -2009 (R2015))

CTA-109-D specifies Intermediate Frequencies (IFs) to be used in Standard Broadcast (AM), FM, and TV broadcast receivers. In CTA -109-D, the term Intermediate Frequency (IF) refers to the dominant interference-rejecting and passband-shaping circuits in receiver front-ends.

Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Order from: standards@cta.tech
Send comments (with optional copy to psa@ansi.org) to: Same

EOS/ESD (ESD Association, Inc.)

7900 Turin Rd., Bldg. 3, Rome, NY 13440 ph: (315) 339-6937 www.esda.org

New Standard

BSR/ESD SP17.1-202x, ESD Association Draft Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - Process Assessment Techniques (new standard)

This document applies to activities that manufacture, process, assemble, install, package, label, service, test, inspect, transport, or otherwise handle electrical or electronic parts, assemblies, and equipment susceptible to damage by electrostatic discharges. This document does not apply to electrically initiated explosive items, flammable liquids, or powders. The document does not address program management, compliance verification, troubleshooting, or program manager/coordinator certification. In this version of the document, risks due to electromagnetic sources that produce AC fields are not considered.

Single copy price: $105.00 (List)/$75.00 (EOS/ESD Members) [Hard Cover]; $130.00 (List)/100 Member.00
Obtain an electronic copy from: cearl@esda.org
Order from: Christina Earl, (315) 339-6937, cearl@esda.org
Send comments (with optional copy to psa@ansi.org) to: Same

HL7 (Health Level Seven)

3300 Washtenaw Avenue, Suite 227, Ann Arbor, MI 48104 ph: (313) 550-2073 www.hl7.org

Revision

BSR/HL7 V2 Conformance, R1-202x, HL7 Version 2 Specification: Conformance, Release 1 (revision and partition of ANSI/HL7 V2.9 -2019)

The intent of the project is to update the conformance methodology used to profile message definitions and to separate (divorce) the conformance chapter (currently Chapter 2B) from the 'main' HL7 v2 standard. - Provide an independent (separate) HL7 v2 Conformance Methodology standard. - Update the conformance constructs and profiling mechanisms used for implementation guide creation - Update the profile schema that supports the XML computable representation for implementation guides and message profiles - Deprecate by means of an errata the Conformance chapter/section from all prior V2 versions. (our expectation is that the content of conformance testing of existing IGs will not change, but going forward any new specification will use this updated conformance methodology). To be clear, the proposal is an updated method of how to specify conformance for new IGs. - Identify opportunities to encourage adoption by external implementation guide developers (e.g., IHE) to use the same conformance definitions and constructs.

Single copy price: Free to members and non-members.00
Obtain an electronic copy from: Karenvan@HL7.org
Order from: Karen Van Hentenryck, (313) 550-2073, Karenvan@HL7.org
Send comments (with optional copy to psa@ansi.org) to: Same

Comment Deadline: July 27, 2020

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

18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448 ph: (708) 995-3017 www.asse-plumbing.org

Revision

BSR/ASSE 1035-202x, Performance Requirements for Laboratory Faucet Backflow Preventers (revision of ANSI/ASSE 1035-2008)

This standard applies only to those devices classified as backflow preventers that are designed for installation on laboratory faucets on the discharge side of the last shut-off valve. These devices are not for use under constant pressure conditions. These devices consist of two independently acting check valves, force loaded or biased to a normally closed position, and between the check valves a means for automatically venting to atmosphere, force loaded or biased to normally open position.

Single copy price: Free
Obtain an electronic copy from: chris@asse-plumbing.org
Send comments (with optional copy to psa@ansi.org) to: chris@asse-plumbing.org

NEMA (ASC C8) (National Electrical Manufacturers Association)

1300 North 17th Street, Rosslyn, VA 22209 ph: (703) 841-3278 www.nema.org

Reaffirmation

BSR/NEMA WC 61-1992 (R202x), Transfer Impedance Testing (reaffirmation of ANSI/NEMA WC 61-1992 (R2015))

This standard is intended to provide a reliable surface transfer impedance test method for coaxial cables and shielded multiconductor cables over the frequency range from DC to 100 MHz.

Single copy price: $70.00
Obtain an electronic copy from: KHALED.MASRI@NEMA.ORG
Order from: Khaled Masri, (703) 841-3278, Khaled.Masri@nema.org
Send comments (with optional copy to psa@ansi.org) to: Same

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 ph: (734) 418-6660 www.nsf.org

Revision

BSR/NSF 14-202x (i108r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2019)

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

Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/54490/14i108r1%20-%20JC%20memo%20&%20ballot.pdf
Send comments (with optional copy to psa@ansi.org) to: jsnider@nsf.org

PMI (Project Management Institute)

14 Campus Blvd, Newtown Square, PA 19073-3299 ph: (313) 404-3507 www.pmi.org

Revision

BSR/PMI 19-001-202X, The Standard for Project Management (revision of ANSI/PMI 99-001-2017)

The Standard for Project Management is the global standard for the project management profession and identifies and describes the subset of the project management body of knowledge that is recognized as good practice on all projects, which includes the entire value delivery landscape. This revision will incorporate continuous improvement and address needed modifications.

Single copy price: Free
Obtain an electronic copy from: lorna.scheel@pmi.org
Send comments (with optional copy to psa@ansi.org) to: lorna.scheel@pmi.org

Comment Deadline: July 27, 2020

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 ph: (919) 549-1053 https://ul.org/

Reaffirmation

BSR/UL 5A-2015 (R202x), Standard for Nonmetallic Surface Raceways and Fittings (reaffirmation of ANSI/UL 5A-2015)

(1) Reaffirmation and continuance of the 4th Edition of the Standard for Nonmetallic Surface Raceways and Fittings, UL 5A, as an American National Standard.

Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 ph: (919) 549-1053 https://ul.org/

Reaffirmation

BSR/UL 5-2016 (R202x), Standard for Surface Metal Raceways and Fittings (reaffirmation of ANSI/UL 5-2016)

(1) Reaffirmation and continuance of the 15th Edition of the Standard for Standard for Surface Metal Raceways and Fittings, UL 5, as an American National Standard.

Single copy price: Free
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UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 ph: (919) 549-1053 https://ul.org/

Reaffirmation

BSR/UL 5C-2016 (R202x), Standard for Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits (reaffirmation of ANSI/UL 5C-2016)

(1) Reaffirmation and continuance of the 3rd Edition of the Standard for Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits, UL 5C, as an American National Standard.

Single copy price: Free
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UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 ph: (919) 549-1053 https://ul.org/

Reaffirmation

BSR/UL 209-2016 (R202x), Standard for Cellular Metal Floor Raceways and Fittings (reaffirmation of ANSI/UL 209-2016)

(1) Reaffirmation and continuance of the 10th Edition of the Standard for Cellular Metal Floor Raceways and Fittings, UL 209, as an American National Standard.

Single copy price: Free
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Comment Deadline: July 27, 2020

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 ph: (919) 549-1392 https://ul.org/

Reaffirmation

BSR/UL 248-8-2011 (R202x), Standard for Safety for Low-Voltage Fuses - Part 8: Class J Fuses (reaffirmation of ANSI/UL 248-8-2011 (R2015))

This proposal for UL 248-8 covers: Reaffirmation and continuance of the third edition of the Standard for Low-Voltage Fuses - Part 8: Class J Fuses, UL 248-8, as an American National Standard.

Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
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UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 ph: (919) 549-1392 https://ul.org/

Reaffirmation

BSR/UL 248-10-2011 (R202x), Standard for Safety for Low-Voltage Fuses - Part 10: Class L Fuses (reaffirmation of ANSI/UL 248-10 -2011 (R2015))

This proposal for UL 248-10 covers: Reaffirmation and continuance of the third edition of the Standard for Low-Voltage Fuses - Part 10: Class L Fuses, UL 248-10, as an American National Standard.

Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
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UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 ph: (919) 549-1392 https://ul.org/

Reaffirmation

BSR/UL 248-11-2011 (R202x), Standard for Safety for Low-Voltage Fuses - Part 11: Plug Fuses (reaffirmation of ANSI/UL 248-11 -2011 (R2015))

This proposal for UL 248-11 covers: Reaffirmation and continuance of the third edition of the Standard for Low-Voltage Fuses - Part 11: Plug Fuses, UL 248-11, as an American National Standard.

Single copy price: Free
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UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062 ph: (847) 664-3198 https://ul.org/

Reaffirmation

BSR/UL 2040-2015 (R202x), Standard for Safety for Folding Rollaway Tables (reaffirmation of ANSI/UL 2040-2015)

(1) Reaffirmation and Continuance of the second edition of the Standard for Folding Rollaway Tables, UL 2040, as an American National Standard

Single copy price: Free
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Comment Deadline: July 27, 2020

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 ph: (919) 549-1097 https://ul.org/

Revision

BSR/UL 1838-202x, Standard for Safety for Low Voltage Landscape Lighting Systems (revision of ANSI/UL 1838-2017)

This proposal for UL 1838 covers: (1) Terminology - live parts; (2) Power supply cords and attachment plugs; (3) Overload, burnout, and endurance test consolidation and simplification; (4) Polymeric enclosure conduit connection test; (5) Fuse replacement markings; (6) Installation instructions; (7) Polymeric material requirements for class 2 devices; (8) Unit low-voltage cable; (9) Tungsten-halogen lamp containment barriers; and (10) Water barriers for pond/decorative fountain luminaires.

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UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 ph: (919) 549-1097 https://ul.org/

Revision

BSR/UL 2416-202x, Standard for Safety for Audio/Video, Information and Communication Technology Equipment cabinet, Enclosure and Rack Systems (revision of ANSI/UL 2416-2019)

This proposal for UL 2416 covers: (1) Modified definition of Enclosure; (2) Updated references for spacings; (3) Refinement of effectively grounded marking requirement; (4) Revision of Functional Earthing (Grounding) marking; (5) Clarification on reference to UL 62368-1 for Indoor Locations; (6) Additional UL 62368-1 alternative for Outdoor Enclosures; (7) Clarification on condensation and drain holes; (8) Editorial revision of ITE (Computer) Room application requirement; (9) Refinement of Openings in Vertical Surfaces Requirements to promote consistent application; (10) Clarification on treatment of pryout holes; (11) Clarification on allowed application of Bottom Opening requirements to promote consistent application; (12) Clarification on Overcurrent Protection; (13) Clarification on application of Temperature Test; (14) Clarification on Installation Markings; (15) Clarification on Installation Instructions; and (16) Miscellaneous Updates to UL 2416 to address areas needing further refinement.

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Order from: http://www.shopulstandards.com
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: August 11, 2020

ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 ph: (212) 591-8489 www.asme.org

Revision

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

BSR/ASME A13.1-202x, Scheme for the Identification of Piping Systems (revision of ANSI/ASME A13.1-2015)

This Standard is intended to establish a common system to assist in identification of hazardous materials conveyed in piping systems and their hazards when released in the environment.

Single copy price: Free
Obtain an electronic copy from: http://cstools.asme.org/publicreview
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (with optional copy to psa@ansi.org) to: Riad Mohamed, (212) 591-8460, MohamedR@asme.org

Comment Deadline: August 11, 2020

CGA (Compressed Gas Association)

14501 George Carter Way, Suite 103, Chantilly, VA 20151 ph: (703) 788-2716 www.cganet.com

Revision

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

BSR/CGA H-5-202x, Installation Standards for Bulk Hydrogen Supply Systems (revision of ANSI/CGA H-5-2014)

This standard contains minimum requirements for locating/siting, selecting equipment, installing, starting up, maintaining, and removing bulk hydrogen supply systems. Two types of bulk hydrogen supply systems are covered in this standard: liquid and gaseous. This standard covers the entire process including site selection, regulatory compliance, equipment selection, equipment transportation and setting, equipment installation, system startup, operation, and system removal. This standard also briefly discusses health hazards and safety considerations. Typical flow diagrams are also included.

Single copy price: Free
Obtain an electronic copy from: tdeary@cganet.com
Order from: Thomas Deary, (703) 788-2716, tdeary@cganet.com
Send comments (with optional copy to psa@ansi.org) to: Same

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 ph: (919) 549-1053 https://ul.org/

Reaffirmation

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

BSR/UL 884-2016 (R202x), Standard for Underfloor Raceways and Fittings (reaffirmation of ANSI/UL 884-2016)

(1) Reaffirmation and continuance of the 13th edition of the Standard for Cellular Metal Floor Raceways and Fittings, UL 884, as an American National Standard.

Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Notice of Withdrawal: ANS at least 10 years past approval date

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:

UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 ph: (510) 319-4271 https://ul.org/

ANSI/UL 1585-2006, Standard for Safety for Class 2 and Class 3 Transformers

X12 (X12 Incorporated)

24654 N. Lake Pleasant Pkwy., Peoria, AZ 85383 ph: (425) 562-2245 www.x12.org

ANSI X12.7-2010, Context-Inspired Component Architecture (CICA) Technical Specification and XML Schema Syntax Representation

X12 (X12 Incorporated)

24654 N. Lake Pleasant Pkwy., Peoria, AZ 85383 ph: (425) 562-2245 www.x12.org

ANSI X12.71-2010, Context Inspired Component Architecture (CICA) Design Rules and Guidelines

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)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 ph: (703) 253-8274 www.aami.org

ANSI/AAMI/ISO 14708-5-2010 (R2015), Implants for surgery - Active implantable medical devices - Part 5: Circulatory support devices

Questions may be directed to: Cliff Bernier, (703) 253-8263, cbernier@aami.org

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 ph: (202) 682-8286 www.api.org

ANSI/API RP 10F/ISO 10427-3-2010 (R2015), Recommended Practice for Performance Testing of Cementing Float Equipment

Questions may be directed to: Jacqueline Roueche, (202) 682-8286, RouecheJ@api.org

Correction

Duplicate Call-for-Comment

BSR/ABMA 11-2014 (R202x)

A duplicate Call for Comment notice for BSR/ABMA 11-2014 (R202x), Load Ratings and Fatigue Life for Ball Bearings, was mistakenly listed in the May 29, 2020 Standards Action.
The initial Call for Comment Deadline of May 22, 2020 stands as the official closing date.

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.

AGMA (American Gear Manufacturers Association)

Contact: Amir Aboutaleb
1001 N Fairfax Street, 5th Floor
Alexandria, VA 22314-1587
p: (703) 684-0211
e: tech@agma.org

BSR/AGMA 6014-B-2015 (R202x), Gear Power Rating for Cylindrical Shell and Trunnion Supported Equipment (reaffirmation of ANSI/AGMA 6014-B-2015)

BSR/AGMA 6114-B-2015 (R202x), Gear Power Rating for Cylindrical Shell and Trunnion Supported Equipment - Metric Edition (reaffirmation of ANSI/AGMA 6114-B-2015)

BSR/AGMA 9112-B-2015 (R202x), Bores and Keyways for Flexible Couplings (Metric Series) (reaffirmation of ANSI/AGMA 9112-B-2015)

ASME (American Society of Mechanical Engineers)

Contact: Terrell Henry
Two Park Avenue, M/S 6-2B
New York, NY 10016-5990
p: (212) 591-8489
e: ansibox@asme.org

BSR/ASME B16.53-202x, High Pressure Connections (new standard)

AWEA (American Wind Energy Association)

Contact: Michele Mihelic
1501 M Street, NW, , Suite 1000
Washington, DC 20005
p: (202) 383-2500
e: standards@awea.org

BSR/AWEA 101-1-202x, AWEA Small Wind Turbine Standard (new standard)

BSR/AWEA RP 1001-2-202x, Recommended Practice for Offshore Safety Training and Medical Requirements (new standard)

CTA (Consumer Technology Association)

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

BSR/CTA 109-D-2009 (S202x), Intermediate Frequencies for Entertainment Receivers (stabilized maintenance of ANSI/CTA 109-D-2009 (R2015))

BSR/CTA 2068.1-202x, Definitions and Characteristics of Consumer Technologies for Monitoring Physical and Psychosocial Stress - Heart Rate and Related Measures (new standard)

BSR/CTA 2068.2-202x, Definitions and Characteristics of Consumer Technologies for Monitoring Physical and Psychosocial Stress - Respiration (new standard)

BSR/CTA 2068.3-202x, Definitions and Characteristics of Consumer Technologies for Monitoring Physical and Psychosocial Stress - Skin Conductance (new standard)

EOS/ESD (ESD Association, Inc.)

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

BSR/ESD SP17.1-202x, ESD Association Draft Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - Process Assessment Techniques (new standard)

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.

NEMA (ASC C8) (National Electrical Manufacturers Association)

Contact: Khaled Masri
1300 North 17th Street
Rosslyn, VA 22209
p: (703) 841-3278
e: Khaled.Masri@nema.org

BSR/NEMA WC 61-1992 (R202x), Transfer Impedance Testing (reaffirmation of ANSI/NEMA WC 61-1992 (R2015))

NISO (National Information Standards Organization)

Contact: Nettie Lagace
3600 Clipper Mill Road, Suite 302
Baltimore, MD 21211
p: (301) 654-2512
e: nlagace@niso.org

BSR/NISO/LBC Z39.78-202x, Library Binding (revision of ANSI/NISO/LBC Z39.78-2000 (R2018))

NSF (NSF International)

Contact: Jason Snider
789 N. Dixboro Road
Ann Arbor, MI 48105-9723
p: (734) 418-6660
e: jsnider@nsf.org

BSR/NSF 14-202x (i107r3), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2019)

BSR/NSF 14-202x (i108r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2019)

Contact: Monica Leslie
789 N. Dixboro Road
Ann Arbor, MI 48105-9723
p: (734) 827-5643
e: mleslie@nsf.org

BSR/NSF/CAN 60-202x (i92r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF/CAN 60 -2019)

UL (Underwriters Laboratories)

Contact: Paul Lloret
47173 Benicia Street
Fremont, CA 94538
p: (510) 319-4269
e: Paul.E.Lloret@ul.org

BSR/UL 521-202x, Standard for Safety for Heat Detectors for Fire Protective Signaling Systems (revision of ANSI/UL 521 -2019)

Call for Members (ANS Consensus Bodies)

Call for Members

AAMI (Association for the Advancement of Medical Instrumentation)

U.S. Adoption of AAMI/IEC 60601-1-16-2018

AAMI (www.aami.org) is actively seeking participation in the following standards development work and in the interest categories specified:

US adoption of **AAMI/IEC 60601-2-16-2018**, Medical electrical equipment - Part 2-16: Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment. Specifies the minimum safety requirements for HAEMODIALYSIS EQUIPMENT. This HAEMODIALYSIS EQUIPMENT is intended for use either by medical staff or for use by the PATIENT or other trained personnel under medical supervision. Includes all ME EQUIPMENT that is intended to deliver a HAEMODIALYSIS, HAEMODIAFILTRATION and HAEMOFILTRATION treatment to a PATIENT, independent of the treatment duration and location. If applicable, applies to the relevant parts of ME EQUIPMENT intended for other extracorporeal blood purification treatments. Contact: Cliff Bernier, (703) 253-8263, cbernier@aami.org.

U.S. Adoption of AAMI/IEC 60601-2-39-2018

AAMI (www.aami.org) is actively seeking participation in the following standards development work and in the interest categories specified:

US adoption of **AAMI/IEC 60601-2-39:2018**, Medical electrical equipment - Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment. Applies to the basic safety and essential performance of peritoneal dialysis ME equipment. Applies to PD equipment intended for use either by medical staff or under the supervision of medical experts, including PD equipment operated by the patient, regardless of whether the PD equipment is used in a hospital or domestic environment. Contact: Cliff Bernier, (703) 253-8263, cbernier@aami.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.

AGMA (American Gear Manufacturers Association)

Reaffirmation

ANSI/AGMA 9002-C2014 (R2020), Bores and Keyways for Flexible Couplings (Inch Series) (reaffirmation of ANSI/AGMA 9002-C2014): 6/8/2020

Revision

ANSI/AGMA 9009-EXX-2020, Flexible Couplings - Nomenclature for Flexible Couplings (revision and redesignation of ANSI/AGMA 9009-D02 (R2014)): 6/8/2020

API (American Petroleum Institute)

Supplement

ANSI/API Standard 537-2020, Flare Details for Petroleum, Petrochemical, and Natural Gas Industries (supplement to BSR/API Standard 537, 3rd Edition, 1st Addendum-201x): 6/8/2020

ASA (ASC S3) (Acoustical Society of America)

Reaffirmation

ANSI ASA S3.22-2014 (R2020), Specification of Hearing Aid Characteristics (reaffirmation of ANSI ASA S3.22-2014): 6/5/2020

ANSI ASA S3.41-2015 (R2020), Audible Emergency Evacuation (E2) and Evacuation Signals with Relocation Instructions (ESRI) (reaffirmation of ANSI ASA S3.41-2015): 6/5/2020

ANSI ASA S3.52-2016 (R2020), Measurements of the Threshold of Hearing and Signal Detectability in a Sound Field (reaffirmation of ANSI ASA S3.52 -2016): 6/5/2020

ANSI ASA S3.7-2016 (R2020), Method for Measurement and Calibration of Earphones (reaffirmation of ANSI ASA S3.7-2016): 6/5/2020

ANSI/ASA S3.2-2009 (R2020), Method for Measuring the Intelligibility of Speech over Communication Systems (reaffirmation of ANSI/ASA S3.2 -2009 (R2014)): 6/5/2020

ANSI/ASA S3.4-2007 (R2020), Procedure for the Computation of Loudness of Steady Sounds (reaffirmation of ANSI/ASA S3.4-2007 (R2017)): 6/5/2020

ANSI/ASA S3.5-1997 (R2020), Methods for Calculation of the Speech Intelligibility Index (reaffirmation of ANSI/ASA S3.5-1997 (R2017)): 6/5/2020

ANSI/ASA S3.13-1987 (R2020), Mechanical Coupler for Measurement of Bone Vibrators (reaffirmation of ANSI/ASA S3.13-1987 (R2012)): 6/5/2020

ANSI/ASA S3.20-2015 (R2020), Bioacoustical Terminology (reaffirmation of ANSI/ASA S3.20-2015): 6/5/2020

ANSI/ASA S3.35-2010 (R2020), Method of Measurement of Performance Characteristics of Hearing Aids Under Simulated Real-Ear Working Conditions (reaffirmation of ANSI/ASA S3.35-2010 (R2015)): 6/5/2020

ANSI/ASA S3.37-1987 (R2020), Preferred Earhook Nozzle Thread for Postauricular Hearing Aids (reaffirmation of ANSI/ASA S3.37-1987 (R2017)): 6/5/2020

ANSI/ASA S3.39-1987 (R2020), Specifications for Instruments to Measure Aural Acoustic Impedance and Admittance (Aural Acoustic Immittance) (reaffirmation of ANSI/ASA S3.39-1987 (R2012)): 6/5/2020

ANSI/ASA S3.42-1992/Part 1 (R2020), Testing Hearing Aids with a Broadband Noise Signal (reaffirmation of ANSI/ASA S3.42-1992/Part 1 (R2017)): 6/5/2020

ANSI/ASA S3.42-2012/Part 2/IEC 60118-15:2012 (R2020), Testing Hearing Aids - Part 2: Methods for characterizing signal processing in hearing aids with a speech-like signal (a nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S3.42-2012/Part 2/IEC 60118 -15:2012 (R2017)): 6/5/2020

ANSI/ASA S3.44-2016/Part 1/ISO 1999-2013 (MOD) (R2020), Estimation of Noise-induced Hearing Loss - Part 1: Method for Calculating Expected Noise-induced Permanent Threshold Shift (a modified nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S3.44 -2016/Part 1/ISO 1999-2013 (MOD)): 6/5/2020

ANSI/ASA S3.55-2015/Part 3/IEC 60318-3:2015 (R2020), Electroacoustics - Simulators of Human Head and Ear - Part 3: Acoustic Coupler for the Calibration of Supra-aural Earphones Used in Audiometry (reaffirm a national adoption ANSI/ASA S3.55-2015/Part 3/IEC 60318-3:2015): 6/5/2020

ASABE (American Society of Agricultural and Biological Engineers)

Revision

ANSI/ASAE S436.2 MONYEAR-2020, Field Test Procedure for Determining Irrigation Water Distribution Uniformity of Center Pivot and Lateral Move Systems (revision and redesignation of ANSI/ASAE S436.1-1997 (R2016)): 6/2/2020

ASME (American Society of Mechanical Engineers)

Revision

ANSI/ASME A112.18.8-2020, In-Line Sanitary Waste Valves for Plumbing Drainage Systems (revision of ANSI/ASME A112.18.8-2009 (2014)): 6/8/2020

ASTM (ASTM International)

New Standard

ANSI/ASTM F3431-2020, Specification for Determining Flammability of Materials for Recreational Camping Tents and Warning Labels for Associated Hazards (new standard): 6/1/2020

ATIS (Alliance for Telecommunications Industry Solutions)

Stabilized Maintenance

ANSI/ATIS 0100027-2010 (S2020), Availability - A Guide to Consistent Definitions (stabilized maintenance of ANSI/ATIS 0100027-2010 (R2015)): 6/8/2020

ANSI/ATIS 0100502-2005 (S2020), System N-NTSC Television Signals - Network Interfaces Specifications and Performance Parameters (stabilized maintenance of ANSI/ATIS 0100502-2005 (R2015)): 6/8/2020

ANSI/ATIS 0100521-2005 (S2020), Packet Loss Concealment for Use with ITU-T Recommendation G.711 (stabilized maintenance of ANSI/ATIS 0100521 -2005 (R2015)): 6/8/2020

ANSI/ATIS 0100801.04-2005 (S2020), Multimedia Communications Delay, Synchronization and Frame Rate (stabilized maintenance of ANSI/ATIS 0100801.04-2005 (R2015)): 6/8/2020

ANSI/ATIS 1000006-2005 (S2020), Signaling System No. 7 (SS7) - Emergency Telecommunications Service (ETS) (stabilized maintenance of ANSI/ATIS 1000006-2005 (R2015)): 6/8/2020

ANSI/ATIS 1000034-2010 (S2020), Next Generation Network (NGN): Security Mechanisms and Procedures (stabilized maintenance of ANSI/ATIS 1000034-2010 (R2015)): 6/8/2020

ANSI/ATIS 1000110-1999 (S2020), Signaling System No. 7 (SS7) - General Information (stabilized maintenance of ANSI/ATIS 1000110-1999 (R2015)): 6/8/2020

ANSI/ATIS 1000111-2005 (S2020), Signaling System No. 7 (SS7) - Message Transfer Part (MTP) (stabilized maintenance of ANSI/ATIS 1000111-2005 (R2015)): 6/8/2020

ANSI/ATIS 1000112-2005 (S2020), Signaling System No. 7 (SS7) - Signaling Connection Control Part (SCCP) (stabilized maintenance of ANSI/ATIS 1000112-2005 (R2015)): 6/8/2020

ANSI/ATIS 1000116-2000 (S2020), Signaling System No. 7 (SS7) - Operations, Maintenance, and Administrative Part (OAMP) (stabilized maintenance of ANSI/ATIS 1000116-2000 (R2015)): 6/8/2020

ANSI/ATIS 1000118-1992 (S2020), Signaling System No. 7 (SS7) - Intermediate Signaling Network Identification (ISNI) (stabilized maintenance of ANSI/ATIS 1000118-1992 (R2015)): 6/8/2020

ANSI/ATIS 1000619-1992 (S2020), ISDN - Multi-Level Precedence and Preemption (MLPP) Service Capability (stabilized maintenance of ANSI/ATIS 1000619-1992 (R2015)): 6/8/2020

ANSI/ATIS 1000628-2000 (S2020), Emergency Calling Service (stabilized maintenance of ANSI/ATIS 1000628-2000 (R2015)): 6/8/2020

ANSI/ATIS 1000628.a-2001 (S2020), ECS - Connection and Ring Back Addendum (stabilized maintenance of ANSI/ATIS 1000628.a-2001 (R2015)): 6/8/2020

ANSI/ATIS 1000630-1999 (S2020), Broadband ISDN - ATM Adaption Layer of Constant Bit Rate Service Functionality and Specification (stabilized maintenance of ANSI/ATIS 1000630-1999 (R2015)): 6/8/2020

ANSI/ATIS 1000630.a-2002 (S2020), Network - Broadband ISDN - ATM Adoption Layer for Constant Bit Rate Services Functionality and Specification (stabilized maintenance of ANSI/ATIS 1000630.a-2002 (R2015)): 6/8/2020

ANSI/ATIS 1000631-2005 (S2020), Signaling System No. 7 (SS7) - High Probability of Completion (HPC) Network Capability (stabilized maintenance of ANSI/ATIS 1000631-2005 (R2015)): 6/8/2020

ANSI/ATIS 1000635-1999 (S2020), Broadband ISDN - ATM Adaptation Layer Type 5 Common Part Functions and Specification (stabilized maintenance of ANSI/ATIS 1000635-1999 (R2015)): 6/8/2020

ANSI/ATIS 1000636-1999 (S2020), B-ISDN Signaling ATM Adaptation Layer (SAAL) - Overview Description (stabilized maintenance of ANSI/ATIS 1000636-1999 (R2010)): 6/8/2020

ANSI/ATIS 1000637-1999 (S2020), B-ISDN ATM Adaptation Layer - Service Specific Connection Oriented Protocol (SSCOP) (stabilized maintenance of ANSI/ATIS 1000637-1999 (R2015)): 6/8/2020

ANSI/ATIS 1000638-1999 (S2020), B-ISDN ATM Adaptation Layer - Service Specific Coordination Function for Support of Signaling at the User-to-Network Interface (SSCF at the UNI) (stabilized maintenance of ANSI/ATIS 1000638-1999 (R2015)): 6/8/2020

ANSI/ATIS 1000644-1995 (S2020), Broadband ISDN - Meta-Signaling Protocol (stabilized maintenance of ANSI/ATIS 1000644-1995 (R2015)): 6/8/2020

ANSI/ATIS 1000646-2003 (S2020), Broadband ISDN - Physical Layer Specification for User-Network Interfaces Including DS1/ATM (stabilized maintenance of ANSI/ATIS 1000646-2003 (R2015)): 6/8/2020

ANSI/ATIS 1000647-1995 (S2020), ISDN - Conference Calling Supplementary Service (stabilized maintenance of ANSI/ATIS 1000647-1995 (R2015)): 6/8/2020

ANSI/ATIS 1000647.a-1998 (S2020), ISDN - Conference Calling Supplementary Service - Operations Across Multiple Interfaces (stabilized maintenance of ANSI/ATIS 1000647.a-1998 (R2015)): 6/8/2020

ANSI/ATIS 1000650-1995 (S2020), ISDN - Usage of the Cause Information Element in Digital Subscriber Signaling System Number 1 (DSS1) (stabilized maintenance of ANSI/ATIS 1000650-1995 (R2015)): 6/8/2020

ANSI/ATIS 1000653-1996 (S2020), ISDN - Call Park Supplementary Service (stabilized maintenance of ANSI/ATIS 1000653-1996 (R2015)): 6/8/2020

ANSI/ATIS 1000653.a-1998 (S2020), ISDN - Call Park Supplementary Service - Generic Procedures for the Control of ISDN Supplementary Services, Clarification for Number Identification (stabilized maintenance of ANSI/ATIS 1000653.a-1998 (R2015)): 6/8/2020

ANSI/ATIS 1000661-2000 (S2020), Signaling System Number 7 (SS7) - Release to Pivot (RTP) (stabilized maintenance of ANSI/ATIS 1000661-2000 (R2015)): 6/8/2020

ANSI/ATIS 1000668-1999 (S2020), Signaling System Number 7 (SS7) - Facility Request to Pivot (FRP) (stabilized maintenance of ANSI/ATIS 1000668 -1999 (R2015)): 6/8/2020

ANSI/ATIS 1000669-1999 (S2020), Signaling System Number 7 (SS7) - Intermediate Network Selection (INS) (stabilized maintenance of ANSI/ATIS 1000669-1999 (R2015)): 6/8/2020

ANSI/ATIS 1000671-2000 (S2020), Signaling System Number 7 (SS7) - Carrier Service Provider Identification (CSPI) (stabilized maintenance of ANSI/ATIS 1000671-2000 (R2015)): 6/8/2020

ANSI/ATIS 1000672-2000 (S2020), Bearer Independent Call Control (BICC) (stabilized maintenance of ANSI/ATIS 1000672-2000 (R2015)): 6/8/2020

ESTA (Entertainment Services and Technology Association)

Revision

ANSI E1.4-3-2020, Entertainment Technology - Manually Operated Hoist Rigging Systems (revision and partition of ANSI E1.4-2014): 6/2/2020

ANSI ES1.19-2020, Safety Requirements for Special Event Structures (revision of ANSI ES1.19-2018): 6/2/2020

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

Revision

ANSI/ASSE Series 7000-2020, Professional Qualifications Standard for Residential Potable Water Fire Protection System Installers & Inspectors for One- and Two-Family Dwellings (revision of ANSI/ASSE Series 7000 -2013): 6/8/2020

NEMA (ASC C82) (National Electrical Manufacturers Association)

Revision

ANSI C82.13-2020, Standard For Lamp Ballasts - Definitions - for Fluorescent Lamps and Ballasts (revision of ANSI C82.13-2002 (R2010)): 6/8/2020

NEMA (ASC W1) (National Electrical Manufacturers Association)

Reaffirmation

ANSI/NEMA/IEC 60974-8-2009 (R2020), Arc Welding Equipment - Part 8: Gas Consoles for Welding and Plasma Cutting Systems (reaffirmation of ANSI/NEMA/IEC 60974-8-2009): 6/8/2020

NSF (NSF International)

Revision

ANSI/NSF 173-2020 (i90r2), Dietary Supplements (revision of ANSI/NSF 173 -2019): 6/1/2020

ANSI/NSF/CAN 60-2020 (i90r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF/CAN 60-2019): 6/3/2020

ANSI/NSF/CAN 61-2020 (i154r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2019): 6/1/2020

ANSI/NSF/CAN 61-2020 (i155r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2019): 6/2/2020

SCTE (Society of Cable Telecommunications Engineers)

Revision

ANSI/SCTE 96-2020, Cable Telecommunications Testing Guidelines (revision of ANSI/SCTE 96-2013): 6/8/2020

UL (Underwriters Laboratories)

New Standard

ANSI/UL 9595-2020, Standard for Factory Follow-Up on Personal Flotation Devices (PFDs) (new standard): 6/4/2020

Reaffirmation

ANSI/UL 1034-2015 (R2020), Standard for Burglary Resistant Electric Locking Mechanisms (reaffirmation of ANSI/UL 1034-2015): 6/3/2020

ANSI/UL 60745-2-17-2011 (R2020), Hand-Held Motor-Operated Electric Tools - Safety - Part 2-17: Particular Requirements for Routers and Trimmers (reaffirmation of ANSI/UL 60745-2-17-2011 (R2015)): 6/4/2020

ANSI/UL 60745-2-19-2011 (R2020), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-19: Particular Requirements for Jointers (reaffirmation of ANSI/UL 60745-2-19-2011 (R2015)): 6/4/2020

ANSI/UL 60745-2-23-2015 (R2020), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-23: Particular Requirements for Die Grinders and Small Rotary Tools (reaffirmation of ANSI/UL 60745-2-23-2015): 6/4/2020

Revision

ANSI/UL 331B-2020, Standard for Safety for Strainers for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 331B-2015): 6/3/2020

ANSI/UL 385-2020, Standard for Play Pipes for Water Supply Testing in Fire Protection Service (revision of ANSI/UL 385-2006 (R2015)): 6/5/2020

ANSI/UL 558-2020, Standard for Safety for Industrial Trucks, Internal Combustion Engine-Powered (revision of ANSI/UL 558-2017): 6/1/2020

ANSI/UL 567B-2020, Standard for Safety for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 567B-2015): 6/3/2020

ANSI/UL 842B-2020, Standard for Safety for Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 842B-2015): 6/3/2020

ANSI/UL 1063-2020, Standard for Machine-Tool Wires and Cable (revision of ANSI/UL 1063-2018): 6/4/2020

ANSI/UL 1063-2020a, Standard for Machine-Tool Wires and Cable (revision of ANSI/UL 1063-2018): 6/4/2020

ANSI/UL 1277-2020, Standard for Safety for Electrical Power and Control Tray Cables with Optional Optical-Fiber Members (revision of ANSI/UL 1277-2018): 6/4/2020

ANSI/UL 1283-2020, Standard for Safety for Electromagnetic Interference Filters (revision of ANSI/UL 1283-2018): 6/3/2020

ANSI/UL 1424-2020, Standard for Cables for Power-Limited Fire-Alarm Circuits (revision of ANSI/UL 1424-2017): 6/5/2020

ANSI/UL 2586B-2020, Standard for Safety for Hose Nozzle Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 2586B-2015): 6/3/2020

ANSI/UL 2900-1-2020, Standard for Safety for Software Cybersecurity for Network-Connectable Products, Part 1: General Requirements (revision of ANSI/UL 2900-1-2017): 6/5/2020

ANSI/UL 2900-2-1-2020, Standard for Safety for Software Cybersecurity for Network-Connectable Products, Part 2-1: Particular Requirements for Network Connectable Components of Healthcare and Wellness Systems (revision of ANSI/UL 2900-2-1-2017): 6/8/2020

ANSI/UL 60730-2-9-2020, Standard for automatic electrical controls - Part 2 -9: Particular requirements for temperature sensing controls (revision of ANSI/UL 60730-2-9-2017): 5/26/2020

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.

AAFS (American Academy of Forensic Sciences)

Contact: Teresa Ambrosius, (719) 453-1036, tambrosius@aafs.org
410 North 21st Street, Colorado Springs, CO 80904 www.aafs.org

New Standard

BSR/ASB Std 152-202x, Standard for Minimum Content Requirements of Forensic Toxicology Procedures (new standard)

Stakeholders: The forensic toxicology community, law enforcement, attorneys, medicolegal death investigation community, and courts.
Project Need: The requirements of this document will standardize toxicology methods and ensure all pertinent information is contained or referenced within the method to enable staff to perform quality work. While an immediate benefit should be gained by individual laboratories, farther reaching gains should be seen in the toxicology community as methods are published in peer-reviewed journals. The non-standardized presentation of information in these publications can be difficult for readers to grasp all pertinent aspects of the method.
This document provides requirements for the minimum content of technical and analytical procedures in forensic toxicology. This standard applies to laboratories performing forensic toxicological analysis in the following sub-disciplines: postmortem forensic toxicology; human performance toxicology (e.g., drug-facilitated crimes and driving-under-the-influence of alcohol or drugs); non-regulated employment drug testing, court-ordered toxicology (e.g., probation and parole, drug courts, child services, breath alcohol); and general forensic toxicology (non-lethal poisonings or intoxications).

ANS (American Nuclear Society)

Contact: Kathryn Murdoch, (708) 579-8268, kmurdoch@ans.org
555 North Kensington Avenue, La Grange Park, IL 60526 www.ans.org

New Standard

BSR/ANS 3.15-202x, Risk-Informing Critical Digital Assets (CDAs) for Nuclear Power Plant Systems (new standard)

Stakeholders: Nuclear power plant owners/operators, reactor vendors, nuclear instrumentation and control system/platform vendors, nuclear regulatory authorities, national/international nuclear energy agencies/laboratories.
Project Need: The current deterministic guidance for designating digital assets as critical digital assets (CDAs) yields thousands of CDAs to protect. All assets are treated the same when assessed for designation as a CDA. The risk-informed, performance-based methods described in this standard are intended to reduce the current burden plus strengthen the focus on reducing public health and safety risk from cyberthreats. This is expected to be a two-stage process with the initial issue of the standard addressing the selection process.
This document provides a risk-informed, performance-based process for assessing the safety significance of plant digital assets. This risk-informed, performance-based process is in lieu of the deterministic methods currently in use. This document applies to both new and operating plants.

APA (APA - The Engineered Wood Association)

Contact: Borjen Yeh, (253) 620-7467, borjen.yeh@apawood.org
7011 South 19th Street, Tacoma, WA 98466 www.apawood.org

Revision

BSR/APA PRR 410-202x, Standard for Performance-Rated Engineered Wood Rim Boards (revision of ANSI/APA PRR 410-2016)

Stakeholders: Structural panel and engineered wood product manufacturers, distributors, designers, users, building code regulators, and government agencies.
Project Need: Update the existing standard.
This standard covers the manufacturing, qualification, quality assurance, design, and installation requirements for engineered wood rim board products.

ASC X9 (Accredited Standards Committee X9, Incorporated)

Contact: Ambria Frazier, (410) 267-7707, Ambria.frazier@x9.org
275 West Street, Suite 107, Annapolis, MD 21401 www.x9.org

New National Adoption

BSR X9.134-3-202X, Mobile Financial Application Lifecycle Management (national adoption with modifications of ISO 12812 Part 3)

Stakeholders: Card schemes, financial institutions, app developers, card issuers, acquirers, merchants, and others.
Project Need: The standard will consider a number of lifecycle application management concerns including: Users who interact directly with Mobile Devices to initiating transactions using Mobile Financial Services (“MFSs”); Mobile Devices that interact with users and the telecommunications infrastructure; MFSs, developed and managed by MFSPs, that provide online transactions and/or functions to users. X9.134 – Part 3 will adopt and adapt ISO 12812 -3.
Part 3 of the suite of standards for mobile banking/payments will include specific requirements applicable to all mobile financial service providers (“MFSPs”) detailing the approach to a secure deployment and operation of an MFS application throughout the various phases of its lifecycle (e.g., subscription, installation, usage, and termination) in order to facilitate and promote interoperability, security, and quality of MFS services throughout the U.S.

ASME (American Society of Mechanical Engineers)

Contact: Terrell Henry, (212) 591-8489, ansibox@asme.org
Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 www.asme.org

New Standard

BSR/ASME B16.53-202x, High Pressure Connections (new standard)

Stakeholders: Waterjet industry, powdered metal, oil drilling (offshore/land based), high-pressure pumping, petrochemical production.
Project Need: The increase in manufacturers of this type of equipment around the world has increased significantly. Providing standards for the manufacture of the components will allow for ease in interchanging of components.
This Standard covers pressure–temperature ratings, materials, dimensions, tolerances, marking, testing, and methods of designating openings for coned and threaded tubing and fitting connections. Included are requirements for tubing end preparations, female connections, glands, collars, and plugs.
2.1 Ratings and Dimensions
2.1.1 Class 20K Tubing connections for sizes 1/4, 3/8, 9/16, 3/4, 1, and 1½ inch.
2.1.2 Class 40K Tubing connections for size including 9/16 inch and 1 inch.
2.1.3 Class 60K Tubing connections for sizes including 1/4, 5/16, 3/8, and 9/16 inch.
2.1.4 Class 100K Tubing connections for sizes including 1/4, 3/8, and 9/16 inch.
2.1.5 Class 150K Tubing connections for size 5/16 inch.

ASPE (American Society of Plumbing Engineers)

Contact: Gretchen Pienta, (847) 296-0002, gpienta@aspe.org
6400 Shafer Court, Suite 350, Rosemont, IL 60018 www.aspe.org

Revision

BSR/ARCSA/ASPE 78-202x, Stormwater Harvesting System Design for Direct End-Use Applications (revision of ANSI/ARCSA/ASPE 78-2015)

Stakeholders: Developers, civil and plumbing engineers, urban planners, local authorities having jurisdiction.
Project Need: This standard is needed to harvest rainfall for nonpotable and potable applications to reduce pollution to watersheds from combined sewer overflows, reduce downstream flooding, and replenish aquifers through collection, treatment, and use technologies.
This standard was developed by a joint effort of the American Rainwater Catchment Systems Association (ARCSA) and the American Society of Plumbing Engineers (ASPE). The purpose of this Standard is to assist engineers, designers, plumbers, builders/developers, landscape and irrigation professionals, state and local government, and end users in implementing a stormwater harvesting system while protecting public health and safety. This Standard is intended to apply to new stormwater harvesting installations, as well as alterations, additions, maintenance, and repairs to existing installations. This Standard applies, for example, to the collection of stormwater from the transportation grid (vehicular parking, driving, or other similar surfaces), elevated parking structures, surface public right-of-ways, and storm drain systems.

ASTM (ASTM International)

Contact: Laura Klineburger, (610) 832-9744, accreditation@astm.org
100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 www.astm.org

Revision

BSR/ASTM E2886-202x, Test Method for Evaluating the Ability of Exterior Vents to Resist the Entry of Embers and Direct Flame Impingement (revision of ANSI/ASTM E2886/E2886M-2014)

Stakeholders: External Fire Exposures industry.
Project Need: This fire-test-response standard prescribes two individual methods to evaluate the ability of a gable end, crawl space (foundation), and other vents that mount on a vertical wall or in the under-eave area to resist the entry through the vent opening of embers and flame. The ability of such vents to completely exclude entry of flames or embers is not evaluated. Roof ridge and off-ridge (field) vents are excluded from this standard. Acceptance criteria are not provided in this standard.
This test method evaluates the ability of exterior vents that mount vertically or horizontally to resist the entry of embers and flame penetration through the vent.

AWEA (American Wind Energy Association)

Contact: Michele Mihelic, (202) 383-2500, standards@awea.org
1501 M Street, NW, , Suite 1000, Washington, DC 20005 www.awea.org

New Standard

BSR/AWEA 101-1-202x, AWEA Small Wind Turbine Standard (new standard)

Stakeholders: Wind energy stakeholders, operators, owners, developers, OEMs, contractors, subcontractors, independent service providers, and all other impacted stakeholders.
Project Need: Provide meaningful criteria upon which to assess the quality of the engineering that has gone into a small wind turbine and to provide consumers with performance data that will help them make informed purchasing decisions and an assurance that a turbine has been certified to a national standard.
The goal of this standard is to provide meaningful criteria upon which to assess the quality of the engineering that has gone into a small wind turbine and to provide consumers with performance data that will help them make informed purchasing decisions and an assurance that a turbine has been certified to a national standard. The standard is intended to be written to ensure the quality of the product can be assessed while imposing only reasonable costs and difficulty on the manufacturer to comply with the standard.

AWEA (American Wind Energy Association)

Contact: Michele Mihelic, (202) 383-2500, standards@awea.org
1501 M Street, NW, , Suite 1000, Washington, DC 20005 www.awea.org

New Standard

BSR/AWEA RP 1001-2-202x, Recommended Practice for Offshore Safety Training and Medical Requirements (new standard)

Stakeholders: Wind energy stakeholders, operators, owners, developers, OEMs, contractors, subcontractors, independent service providers, and all other impacted stakeholders.
Project Need: This Recommended Practice document serves the needs of the offshore wind industry to develop, analyze, and communicate the appropriate employer requirements for recognized hazards of persons conducting work offshore. This document is intended to supplement or work in conjunction with a relevant Safety Management System (SMS) as well any employer-specific training and qualifications for a worker to be considered competent, trained, or qualified in the completion of their assigned work. This document is not intended to focus on a specific site or project so hazards specific to a given site or project shall be assessed and managed outside of this document and in accordance with recognized practices and methodologies.
It is the intent of this standard to provide the offshore wind industry with an identified list of minimum and recommended safety training and medical requirements for persons performing work activities on offshore structures and vessels within the United States Outer Continental Shelf.

AWS (American Welding Society)

Contact: Stephen Borrero, (305) 443-9353, sborrero@aws.org
8669 NW 36th Street, Suite 130, Doral, FL 33166 www.aws.org

Revision

BSR/AWS A2.4-202x, Standard Symbols for Welding, Brazing, and Nondestructive Examination (revision of ANSI/AWS A2.4-2020)

Stakeholders: Engineers, students, welders, educators, designers, manufacturers.
Project Need: Joining processes and examination methods cannot take their proper place as fabricating tools unless means are provided for conveying information from a designer to joining and inspection personnel. The symbols in AWS A2.4 are intended to be used to facilitate communication among the design, fabrication, and inspection personnel through drawings.
This standard establishes a method for specifying certain welding, brazing, and nondestructive examination information by means of symbols, including the examination method, frequency, and extent. Detailed information and examples are provided for the construction and interpretation of these symbols.

AWS (American Welding Society)

Contact: Stephen Borrero, (305) 443-9353, sborrero@aws.org
8669 NW 36th Street, Suite 130, Doral, FL 33166 www.aws.org

Revision

BSR/AWS A3.0M/A3.0-202x, Standard Welding Terms and Definitions Including Terms for Adhesive Bonding, Brazing, Soldering, Thermal Cutting, and Thermal Spraying (revision of ANSI/AWS A3.0M/A3.0-2019)

Stakeholders: Engineers, students, welders, program managers, government agencies, civil engineers, automotive industry, aerospace industry, marine and shipbuilding industry, plastics industry, structural industry, higher education instructors.
Project Need: Establishing standard terms and definitions to aid in the communication of welding information is paramount for professionals in the welding industry.
This standard is a glossary of the technical terms used in the welding industry. Its purpose is to establish standard terms to aid in the communication of information related to welding and allied processes. Since it is intended to be a comprehensive compilation of welding terminology, nonstandard terms used in the welding industry are also included. All terms are either standard or nonstandard. They are arranged in word-by-word alphabetical sequence.

CTA (Consumer Technology Association)

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

New Standard

BSR/CTA 2068.1-202x, Definitions and Characteristics of Consumer Technologies for Monitoring Physical and Psychosocial Stress - Heart Rate and Related Measures (new standard)

Stakeholders: Consumers, manufacturers, and retailers.
Project Need: To defines and creates performance criteria for consumer stress monitoring technologies that use HRV in the measurement and application of stress metrics.
This standard defines and creates performance criteria for consumer stress monitoring technologies that use heart rate and related measures in the measurement and application of stress metrics.

CTA (Consumer Technology Association)

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

New Standard

BSR/CTA 2068.2-202x, Definitions and Characteristics of Consumer Technologies for Monitoring Physical and Psychosocial Stress - Respiration (new standard)

Stakeholders: Consumers, manufacturers, and retailers.
Project Need: To define and create performance criteria for consumer stress monitoring technologies that use Respiration in the measurement and application of stress metrics.
This standard defines and creates performance criteria for consumer stress monitoring technologies that use Respiration in the measurement and application of stress metrics.

CTA (Consumer Technology Association)

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

New Standard

BSR/CTA 2068.3-202x, Definitions and Characteristics of Consumer Technologies for Monitoring Physical and Psychosocial Stress - Skin Conductance (new standard)

Stakeholders: Consumers, manufacturers, and retailers.
Project Need: To define and create performance criteria for consumer stress monitoring technologies that use Skin Conductance in the measurement and application of stress metrics.
This standard defines and creates performance criteria for consumer stress monitoring technologies that use Skin Conductance in the measurement and application of stress metrics.

NFPA (National Fire Protection Association)

Contact: Dawn Michele Bellis, (617) 984-7246, dbellis@nfpa.org
One Batterymarch Park, Quincy, MA 02169 www.nfpa.org

New Standard

BSR/NFPA 200-202x, Standard for Hanging and Bracing of Fire Suppression Systems (new standard)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.
Project Need: Public interest and need.
This standard will develop criteria for the use and installation of components and devices used for the support of fire suppression systems as well as criteria for the protection of fire suppression systems and devices against seismic events.

NFPA (National Fire Protection Association)

Contact: Dawn Michele Bellis, (617) 984-7246, dbellis@nfpa.org
One Batterymarch Park, Quincy, MA 02169 www.nfpa.org

New Standard

BSR/NFPA 401-202x, Recommended Practice for the Prevention of Fires and Uncontrolled Chemical Reactions Associated with the Handling of Hazardous Waste (new standard)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.
Project Need: Public interest and need.
This standard will develop safeguards against the fire and explosion hazards associated with the treatment, storage, disposal, generation, and transportation of hazardous waste.

NFPA (National Fire Protection Association)

Contact: Dawn Michele Bellis, (617) 984-7246, dbellis@nfpa.org
One Batterymarch Park, Quincy, MA 02169 www.nfpa.org

New Standard

BSR/NFPA 461-202x, Standard for Fire Protection of Spaceport Facilities (new standard)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.
Project Need: Public interest and need.
This standard will establish guidance on the construction and operation of facilities used to house, maintain, and deploy rockets (solid and liquid), spaceplanes, and other similar vehicles.

NFPA (National Fire Protection Association)

Contact: Dawn Michele Bellis, (617) 984-7246, dbellis@nfpa.org
One Batterymarch Park, Quincy, MA 02169 www.nfpa.org

New Standard

BSR/NFPA 715-202x, Standard for the Installation of Fuel Gases Detection and Warning Equipment (new standard)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.
Project Need: Public interest and need.
This standard will develop criteria for the installation, performance, maintenance, testing, and use of fuel gases warning equipment for the protection of life, property, and mission continuity as well as addressing selection and operation of fuel gases warning equipment.

NFPA (National Fire Protection Association)

Contact: Dawn Michele Bellis, (617) 984-7246, dbellis@nfpa.org
One Batterymarch Park, Quincy, MA 02169 www.nfpa.org

New Standard

BSR/NFPA 915-202x, Standard for Remote Inspections (new standard)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.
Project Need: Public interest and need.
This standard will establish protocols and practices for the use of remote inspections of existing buildings, buildings under construction, and building systems for code compliance.

NFPA (National Fire Protection Association)

Contact: Dawn Michele Bellis, (617) 984-7246, dbellis@nfpa.org
One Batterymarch Park, Quincy, MA 02169 www.nfpa.org

New Standard

BSR/NFPA 1022-202x, Standard on Fire Service Analysts Technical Specialists Professional Qualifications (new standard)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.
Project Need: Public interest and need.
This standard will develop criteria on professional qualifications for personnel who use, manage, review, analyze, support, or evaluate data and related technical systems in public safety agencies.

NFPA (National Fire Protection Association)

Contact: Dawn Michele Bellis, (617) 984-7246, dbellis@nfpa.org
One Batterymarch Park, Quincy, MA 02169 www.nfpa.org

New Standard

BSR/NFPA 1321-202x, Standard for Fire Investigation Units (new standard)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.
Project Need: Public interest and need.
This standard will establish guidelines for the development and composition of Fire Investigation Units (FIU) but not fire investigation techniques, methodologies, or fire investigator professional qualifications.

NFPA (National Fire Protection Association)

Contact: Dawn Michele Bellis, (617) 984-7246, dbellis@nfpa.org
One Batterymarch Park, Quincy, MA 02169 www.nfpa.org

New Standard

BSR/NFPA 1585-202x, Standard on Contamination Control (new standard)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.
Project Need: Public interest and need.
This standard will consolidate existing contamination control standards for emergency responders (currently in various NFPA standards) into a single source.

NFPA (National Fire Protection Association)

Contact: Dawn Michele Bellis, (617) 984-7246, dbellis@nfpa.org
One Batterymarch Park, Quincy, MA 02169 www.nfpa.org

New Standard

BSR/NFPA 1859-202x, Standard on Selection, Care, and Maintenance of Tactical Operations Video Equipment (new standard)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.
Project Need: Public interest and need.
This standard will develop guidelines for the selection, care, and maintenance of tactical video equipment and body worn cameras used by emergency services personnel, including law enforcement, military, corrections, and homeland security for surveillance, tactical information, and operational intelligence.

NFPA (National Fire Protection Association)

Contact: Dawn Michele Bellis, (617) 984-7246, dbellis@nfpa.org
One Batterymarch Park, Quincy, MA 02169 www.nfpa.org

New Standard

BSR/NFPA 2800-202x, Standard for Emergency Action Planning (new standard)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.
Project Need: Public interest and need.
This standard will establish minimum requirements for emergency action plans addressing all-hazard emergencies within occupied structures having an occupant load of greater than 500 but not for qualifications, roles, responsibilities, or emergency action plans within industrial occupancies.

NISO (National Information Standards Organization)

Contact: Nettie Lagace, (301) 654-2512, nlagace@niso.org
3600 Clipper Mill Road, Suite 302, Baltimore, MD 21211 www.niso.org

Revision

BSR/NISO/LBC Z39.78-202x, Library Binding (revision of ANSI/NISO/LBC Z39.78-2000 (R2018))

Stakeholders: Libraries, cover material suppliers, binding companies.
Project Need: A revision to the Binding Standard to establish the minimum performance of cover materials to assure preservation quality for library products and provide product availability to comply with the Standard for material suppliers and binders. Libraries need revision to the Standard so they can purchase binders and suppliers need reliable, reasonable material to comply with the Standard and adhere to contract requirements.
Using performance-based requirements, establish minimum specifications for printed-book cover materials to support preservation of collections enabling long-term access to materials.

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 (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)**

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 “American National Standards Maintained Under Continuous Maintenance.” Questions? psa@ansi.org.

ANSI-Accredited Standards Developers Contact Information

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

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AGMA
American Gear Manufacturers Association
1001 N Fairfax Street
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Phone: (703) 684-0211
Web: www.agma.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526
Phone: (708) 579-8268
Web: www.ans.org

APA
APA - The Engineered Wood Association
7011 South 19th Street
Tacoma, WA 98466
Phone: (253) 620-7467
Web: www.apawood.org

API
American Petroleum Institute
200 Massachusetts Avenue NW
Washington, DC 20001
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Web: www.api.org

ASA (ASC S3)
Acoustical Society of America
1305 Walt Whitman Road
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Melville, NY 11747
Phone: (516) 576-2341
Web: www.acousticalsociety.org

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
Saint Joseph, MI 49085
Phone: (269) 757-1213
Web: https://www.asabe.org/

ASC X9
Accredited Standards Committee X9, Incorporated
275 West Street
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Phone: (410) 267-7707
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ASME
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ASPE
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ASTM
ASTM International
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ATIS
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AWEA
American Wind Energy Association
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AWS
American Welding Society
8669 NW 36th Street
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AWWA
American Water Works Association
6666 W. Quincy Ave.
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Web: www.awwa.org

CGA
Compressed Gas Association
14501 George Carter Way
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Web: www.cganet.com

CSA
CSA America Standards Inc.
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Web: www.csagroup.org

CTA
Consumer Technology Association
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EOS/ESD
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7900 Turin Rd., Bldg. 3
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ESTA
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630 Ninth Avenue
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HL7
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IAPMO (ASSE Chapter)
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NEMA (ASC C8)
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NEMA (ASC C82)
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NEMA (ASC W1)
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NFPA
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NSF
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789 N. Dixboro Road
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PMI (Organization)
Project Management Institute
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SCTE
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UL
Underwriters Laboratories
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ISO & IEC Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org); 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

ACOUSTICS (TC 43)

ISO/DIS 10052, Acoustics - Field measurements of airborne and impact sound insulation and of service equipment sound - Survey method - 8/22/2020, $102.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 22181, Aerospace fluid systems and components - Variable displacement hydraulic motors - General specifications - 8/21/2020, $107.00

BIOGAS (TC 255)

ISO/DIS 24252, Biogas systems - Non-household and non-gasification - 8/27/2020, $125.00

BUILDING CONSTRUCTION (TC 59)

ISO/DIS 6707-4, Buildings and civil engineering works - Vocabulary - Part 4: Facility management terms - 8/21/2020, $88.00

CORROSION OF METALS AND ALLOYS (TC 156)

ISO/DIS 7539-9, Corrosion of metals and alloys - Stress corrosion testing - Part 9: Preparation and use of pre-cracked specimens for tests under rising load or rising displacement - 8/21/2020, $98.00

ESSENTIAL OILS (TC 54)

ISO/DIS 9235, Aromatic natural raw materials - Vocabulary - 8/22/2020, $53.00

FIRE SAFETY (TC 92)

ISO/DIS 21925-2, Fire resistance tests - Fire dampers for air distribution systems - Part 2: Intumescent dampers - 8/21/2020, $112.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/DIS 12647-8, Graphic technology - Process control for the production of half-tone colour separations, proof and production prints - Part 8: Validation print processes working directly from digital data - 8/22/2020, $82.00

INTERNAL COMBUSTION ENGINES (TC 70)

ISO/DIS 4548-6, Methods of test for full-flow lubricating oil filters for internal combustion engines - Part 6: Static burst pressure test - 8/21/2020, $40.00

LABORATORY GLASSWARE AND RELATED APPARATUS (TC 48)

ISO/DIS 8655-1, Piston-operated volumetric apparatus - Part 1: Terminology, general requirements and user recommendations - 8/22/2020, $62.00

ISO/DIS 8655-2, Piston-operated volumetric apparatus - Part 2: Pipettes - 8/22/2020, $67.00

ISO/DIS 8655-3, Piston-operated volumetric apparatus - Part 3: Burettes - 8/22/2020, $40.00

ISO/DIS 8655-4, Piston-operated volumetric apparatus - Part 4: Dilutors - 8/22/2020, $40.00

ISO/DIS 8655-5, Piston-operated volumetric apparatus - Part 5: Dispensers - 8/22/2020, $46.00

ISO/DIS 8655-6, Piston-operated volumetric apparatus - Part 6: Gravimetric reference measurement procedure for the determination of volume - 8/22/2020, $71.00

ISO/DIS 8655-7, Piston-operated volumetric apparatus - Part 7: Alternative measurement procedures for the determination of volume - 8/22/2020, $119.00

ISO/DIS 8655-8, Piston-operated volumetric apparatus - Part 8: Photometric reference measurement procedure for the determination of volume - 8/22/2020, $77.00

ISO/DIS 8655-9, Piston-operated volumetric apparatus - Part 9: Manually operated precision laboratory syringes - 8/22/2020, $46.00

PLASTICS (TC 61)

ISO/DIS 1043-4, Plastics - Symbols and abbreviated terms - Part 4: Flame retardants - 8/27/2020, $33.00

SMALL CRAFT (TC 188)

ISO/DIS 12133, Small craft - Carbon monoxide (CO) detection systems and alarms - 8/21/2020, $67.00

ISO/DIS 13590, Small craft - Personal watercraft - Construction and system installation requirements - 8/22/2020, $93.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 21219-1, Intelligent transport systems - Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) - Part 1: Introduction, numbering and versions (TPEG2-INV) - 8/21/2020, $53.00

ISO/DIS 21219-9, Intelligent transport systems - Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) - Part 9: Service and network information (TPEG2-SNI) - 8/21/2020, $134.00

ISO/DIS 21219-10, Intelligent transport systems - Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) - Part 10: Conditional access information (TPEG2-CAI) - 8/21/2020, $46.00

ISO/DIS 21219-14, Intelligent transport systems - Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) - Part 14: Parking information (TPEG2-PKI) - 8/21/2020, $125.00

ISO/DIS 21219-15, Intelligent transport systems - Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) - Part 15: Traffic event compact (TPEG2-TEC) - 8/21/2020, $155.00

ISO/DIS 21219-16, Intelligent transport systems - Traffic and travel information (TTI) via transport protocol exports group, generation 2 (TPEG2) - Part 16: Fuel price information and availability (TPEG2-FPI) - 8/21/2020, $146.00

ISO/DIS 21219-19, Intelligent transport systems - Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) - Part 19: Weather information (TPEG2-WEA) - 8/21/2020, $146.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 19566-5/DAmd1, Information technologies - JPEG systems - Part 5: JPEG universal metadata box format (JUMBF) - Amendment 1: Support for embedding mixed code streams - 8/23/2020, $29.00

ISO/IEC DIS 23008-1/DAmd1, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 1: MPEG media transport (MMT) - Amendment 1: Support of FCAST - 8/13/2020, $40.00

ISO/IEC DIS 2382-37, Information technology - Vocabulary - Part 37: Biometrics - 8/21/2020, $102.00

IEC Standards

SMB/7063/QP, DMT membership extensions, 020/7/3/

SMBNC/8/DV, Draft IEC Guide 115 Application of uncertainty of measurement to conformity assessment activities in the electrotechnical sector, 2020/8/28

1/2434/CDV, IEC 60050-815 ED3: International Electrotechnical Vocabulary (IEV) - Part 815: Superconductivity, 2020/8/28

2/2005/NP, PNW 2-2005: Rotating electrical machines - Part 35: Technical requirements for electrical sheet metal and strip metal used in electrical machines, 2020/8/28

2/2004/CD, IEC 60072-1 ED7: Dimensions and output series for rotating electrical machines - Part 1: Frame numbers 56 to 400 and flange numbers 55 to 1080, 2020/8/28

3/1450/CD, IEC 60445 ED7: Basic and safety principles for man-machine interface, marking and identification - Identification of equipment terminals, conductor terminations and conductors, 2020/8/28

8/1546/NP, PNW TS 8-1546: Guidelines for network management - Power Quality Monitoring System, 2020/8/28

8/1547/NP, PNW TS 8-1547: Guidelines for Network Management - Power Quality Characteristics Modelling, 2020/8/28

15/922/CD, IEC 60674-3-4 ED2: Specification for plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheets 4 to 6: Requirements for polyimide films used for electrical insulation, 2020/8/28

22G/422/CD, IEC 61800-3 ED4: Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods for PDS and machine tools with embedded PDS, 2020/8/28

31/1544/CD, IEC 60079-44: Explosive atmospheres - Part 44: Personal Competence, 2020/8/28

45/896/CD, IEC 60050-395 ED2: International Electrotechnical Vocabulary (IEV) - Part 395: Nuclear instrumentation - Physical phenomena, basic concepts, instruments, systems, equipment and detectors, 2020/8/28

45A/1322(F)/CDV, IEC/IEEE 63113 ED1: Nuclear facilities - Instrumentation important to safety - Spent fuel pool instrumentation, 020/8/7/

46C/1155/CD, IEC TR 61156-1-3/AMD1 ED1: Amendment 1 - Multicore and symmetrical pair/quad cables for digital communications - Part 1-3: Electrical transmission parameters for modelling cable assemblies using symmetrical pair/quad cables, 2020/8/28

47/2631(F)/FDIS, IEC 60749-41 ED1: Semiconductor devices - Mechanical and climatic test methods - Part 41: Standard reliability testing methods of non-volatile memory devices, 2020/6/26

47F/360/CD, IEC 62047-40 ED1: Semiconductor devices - Micro-electromechanical devices - Part 40:Test methods of Micro-electromechanical inertial shock switch threshold, 2020/8/28

48B/2814(F)/FDIS, IEC 61076-2-114 ED1: Connectors for electrical and electronic equipment - Product requirements - Part 2-114: Circular connectors - Detail specification for connectors with M8 screw- locking with power contacts and signal contacts for data transmission up to 100 MHz, 2020/6/26

48D/726/CD, IEC 61587-1 ED5: Mechanical structures for electrical and electronic equipment - Tests for IEC 60917 and IEC 60297 series - Part 1: Environmental requirements, test set-up and safety aspects, 2020/8/28

57/2232/DTR, IEC TR 61850-90-14 ED1: Communication networks and systems for power utility automation - Part 90-14: Using IEC 61850 for FACTS (Flexible AC Transmission Systems), HVDC (High Voltage Direct Current) Transmission and Power Conversion data modelling, 2020/7/31

64/2451/CD, IEC 60364-1 ED6: Low-voltage electrical installations - Part 1: Fundamental principles, assessment of general characteristics, definitions, 2020/8/28

65/812/DTR, IEC TR 63319 ED1: A meta-modelling analysis approach to smart manufacturing reference models, 2020/7/31

65/813/DPAS, IEC PAS 63325 ED1: Lifecycle requirements for Functional Safety and Security for IACS, 2020/7/31

65C/1032/CD, IEC 61158-6-X ED5: Industrial communication networks - Fieldbus specifications - Part 6-X: Application layer protocol specification - Type X elements, 2020/7/31

65C/1031/CD, IEC 61158-5-X ED5: Industrial communication networks - Fieldbus specifications - Part 5-X: Application layer service definition - Type X elements, 2020/7/31

65C/1028/CD, IEC 61158-2 ED7: Industrial communication networks - Fieldbus specifications - Part 2: Physical layer specification and service definition, 2020/7/31

65C/1036/CD, IEC 61784-2-X ED1: Industrial communication networks - Profiles - Part 2-X: Additional fieldbus profiles for real-time networks based on ISO/IEC/IEEE 8802-3, 2020/7/31

65C/1035/CD, IEC 61784-1-X ED1: Industrial communication networks - Profiles - Part 1-X: Fieldbus profiles, 2020/7/31

65C/1030/CD, IEC 61158-4-X ED5: Industrial communication networks - Fieldbus specifications - Part 4-X: Data-link layer protocol specification - Type X elements, 2020/7/31

65C/1029/CD, IEC 61158-3-X ED3: Industrial communication networks - Fieldbus specifications - Part 3-X: Data-link layer service definition - Type X elements, 2020/7/31

68/661/CD, IEC 60404-3 ED3: Magnetic materials - Part 3: Methods of measurement of the magnetic properties of electrical steel strip and sheet by means of a single sheet tester, 2020/9/25

82/1729/CDV, IEC 63112 ED1: Safety, functionality and classification of Photovoltaic Earth Fault Protection (PV EFP) equipment, 2020/8/28

82/1751/CD, IEC 62788-5-1/AMD1 ED1: Amendment 1 - Measurement procedures for materials used in photovoltaic modules - Part 5-1: Edge seals - Suggested test methods for use with edge seal materials, 2020/8/28

82/1748/DTR, IEC TR 60904-14 ED1: Photovoltaic devices - Part 14: Guidelines for production line measurements of single-junction PV module maximum power output and reporting at standard test conditions, 2020/7/31

86B/4305/CD, IEC 61753-043-2 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 043 -2: Wavelength selective simplex cords with single-mode fibre and cylindrical ferrule connectors for category C - Controlled environment, 2020/8/28

88/770/CD, IEC 61400-21-2 ED1: Wind energy generation systems - Part 21-2: Measurement and assessment of electrical characteristics - Wind power plants, 2020/8/28

91/1646/CDV, IEC 61189-5-502 ED1: Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 5-502: General test methods for materials and assemblies - Surface insulation resistance (SIR) testing of assemblies, 2020/8/28

91/1645/CDV, IEC 61189-5-501 ED1: Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 5-501: General test methods for materials and assemblies - Surface insulation resistance (SIR) testing of solder fluxes, 2020/8/28

99/267/CDV, IEC 61936-1 ED3: Power installations exceeding 1 kV AC and 1,5 kV DC - Part 1: AC, 2020/8/28

100/3446/NP, PNW 100-3446: Optical equipment for systems loaded with digital channels only, 2020/8/28

100/3445/CD, IEC 61937-11/AMD2 ED1: Amendment 2 - Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 11: MPEG-4 AAC and its extensions in LATM/LOAS (TA 20), 2020/7/31

111/578/CDV, IEC 63000/AMD1 ED1: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances - Amendment 1, 2020/8/28

112/479/FDIS, IEC 60112 ED5: Method for the determination of the proof and the comparative tracking indices of solid insulating materials, 2020/7/17

113/547/CD, IEC TS 62607-6-5 ED1: Nanomanufacturing - Key control characteristics - Part 6-5: Graphene materials - Contact and sheet resistance: Transfer length method, 2020/8/28

114/367/CD, IEC TS 62600-202 ED1: Marine energy - Wave, tidal and other water current converters - Part 202: Scale testing of tidal stream energy systems, 2020/8/28

117/123/NP, PNW 117-123: Solar thermal electric plants - Part 4-3: Inspection specification for solar field control system of solar tower power plant, 2020/8/28

117/122/NP, PNW 117-122: Solar thermal electric plants - Part 4-2: Technology specification for solar field control system of solar tower power plant, 2020/8/28

CIS/A/1321/DTR, CISPR TR 16-4-5/AMD2 ED1: Amendment 2: Specification for radio disturbance and immunity measuring apparatus and methods - Part 4-5: Uncertainties, statistics and limit modelling - Conditions for the use of alternative test methods, 2020/7/31

JTC1-SC41/165/CD, ISO/IEC TR 30167 ED1: Internet of Things (IoT) - Underwater Communication Technologies for IoT, 2020/7/31

Newly Published ISO & IEC Standards

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

ISO Standards

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 23187:2020, Information technology - Cloud computing - Interacting with cloud service partners (CSNs), $162.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 20982:2020, Priests (caper) (Capparis spp.) - Specification and test methods, $45.00

ISO 20984:2020, Cornelian cherry - Specification and test methods, $45.00

BUILDING CONSTRUCTION (TC 59)

ISO 21678:2020, Sustainability in buildings and civil engineering works - Indicators and benchmarks - Principles, requirements and guidelines, $103.00

ISO 23658:2020, Buildings and civil engineering works - Sealants - Testing of adhesion properties using a bead peel test, $68.00

CAST IRON AND PIG IRON (TC 25)

ISO 17804:2020, Founding - Ausferritic spheroidal graphite cast irons - Classification, $162.00

FIRE SAFETY (TC 92)

ISO 1182:2020, Reaction to fire tests for products - Non-combustibility test, $162.00

GAS CYLINDERS (TC 58)

ISO 16148/Amd1:2020, Gas cylinders - Refillable seamless steel gas cylinders and tubes - Acoustic emission examination (AT) and follow-up ultrasonic examination (UT) for periodic inspection and testing - Amendment 1, $19.00

INDUSTRIAL TRUCKS (TC 110)

ISO 5053-1:2020, Industrial trucks - Vocabulary - Part 1: Types of industrial trucks, $45.00

NICKEL AND NICKEL ALLOYS (TC 155)

ISO 6501:2020, Ferronickel - Specification and delivery requirements, $45.00

PLAIN BEARINGS (TC 123)

ISO 2795:2020, Plain bearings - Sintered bushes - Dimensions and tolerances, $68.00

ISO 7902-2:2020, Hydrodynamic plain journal bearings under steady-state conditions - Circular cylindrical bearings - Part 2: Functions used in the calculation procedure, $209.00

PLASTICS (TC 61)

ISO 19679:2020, Plastics - Determination of aerobic biodegradation of non-floating plastic materials in a seawater/sediment interface - Method by analysis of evolved carbon dioxide, $68.00

ROAD VEHICLES (TC 22)

ISO 19724:2020, Gasoline engines with direct injection - Cleanliness assessment of fuel injection equipment, $68.00

TEXTILES (TC 38)

ISO 105-B06:2020, Textiles - Tests for colour fastness - Part B06: Colour fastness and ageing to artificial light at high temperatures: Xenon arc fading lamp test, $103.00

ISO 1833-1:2020, Textiles - Quantitative chemical analysis - Part 1: General principles of testing, $103.00

ISO 1833-2:2020, Textiles - Quantitative chemical analysis - Part 2: Ternary fibre mixtures, $103.00

ISO 20418-3:2020, Textiles - Qualitative and quantitative proteomic analysis of some animal hair fibres - Part 3: Peptide detection using LC-MS without protein reduction, $138.00

THERMAL INSULATION (TC 163)

ISO 9229:2020, Thermal insulation - Vocabulary, $45.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 6533:2020, Forestry machinery - Portable chain-saw front hand-guard - Dimensions and clearances, $68.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO 22236:2020, Traditional Chinese medicine -Thread-embedding acupuncture needle for single use, $68.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 29184:2020, Information technology - Online privacy notices and consent, $138.00

ISO/IEC 60559:2020, Information technology - Microprocessor Systems - Floating-Point arithmetic, $209.00

ISO/IEC 15938-6:2020, Information technology - Multimedia content description interface - Part 6: Reference software, $138.00

ISO/IEC 19757-3:2020, Information technology - Document Schema Definition Languages (DSDL) - Part 3: Rule-based validation using Schematron, $185.00

ISO/IEC 23003-4:2020, Information technology - MPEG audio technologies - Part 4: Dynamic range control, $232.00

ISO/IEC 23008-4:2020, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 4: MMT reference software, $68.00

ISO/IEC TS 33054:2020, Information technology - Process assessment - Process reference model for service management, $209.00

IEC Standards

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

IEC 61969-3 Ed. 3.0 b:2020, Mechanical structures for electrical and electronic equipment - Outdoor enclosures - Part 3: Environmental requirements, tests and safety aspects, $82.00

IEC 60512-9-5 Ed. 2.0 b:2020, Connectors for electrical and electronic equipment - Tests and measurements - Part 9-5: Endurance tests - Test 9e: Current loading, cyclic, $47.00

S+ IEC 61969-3 Ed. 3.0 en:2020 (Redline version), Mechanical structures for electrical and electronic equipment - Outdoor enclosures - Part 3: Environmental requirements, tests and safety aspects, $107.00

S+ IEC 60512-9-5 Ed. 2.0 en:2020 (Redline version), Connectors for electrical and electronic equipment - Tests and measurements - Part 9-5: Endurance tests - Test 9e: Current loading, cyclic, $61.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

IEC 60335-2-35 Amd.2 Ed. 5.0 b:2020, Amendment 2 - Household and similar electrical appliances - Safety - Part 2-35: Particular requirements for instantaneous water heaters, $12.00

IEC 60335-2-35 Ed. 5.2 b:2020, Household and similar electrical appliances - Safety - Part 2-35: Particular requirements for instantaneous water heaters, $235.00

IEC 60335-2-81 Amd.2 Ed. 3.0 b:2020, Amendment 2 - Household and similar electrical appliances - Safety - Part 2-81: Particular requirements for foot warmers and heating mats, $12.00

IEC 60335-2-81 Ed. 3.2 en:2020, Household and similar electrical appliances - Safety - Part 2-81: Particular requirements for foot warmers and heating mats, $235.00

IEC 60335-2-82 Amd.1 Ed. 3.0 b:2020, Amendment 1 - Household and similar electrical appliances - Safety - Part 2-82: Particular requirements for amusement machines and personal service machines, $12.00

IEC 60335-2-82 Ed. 3.1 b:2020, Household and similar electrical appliances - Safety - Part 2-82: Particular requirements for amusement machines and personal service machines, $176.00

WINDING WIRES (TC 55)

IEC 60317-0-6 Ed. 2.0 b:2020, Specifications for particular types of winding wires - Part 0-6: General requirements - Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire, $117.00

IEC 60317-12 Ed. 4.0 b:2020, Specifications for particular types of winding wires - Part 12: Polyvinyl acetal enamelled round copper wire, class 120, $47.00

IEC 60317-17 Ed. 4.0 b:2020, Specifications for particular types of winding wires - Part 17: Polyvinyl acetal enamelled rectangular copper wire, class 105, $47.00

IEC 60317-18 Ed. 4.0 b:2020, Specifications for particular types of winding wires - Part 18: Polyvinyl acetal enamelled rectangular copper wire, class 120, $47.00

IEC 60317-25 Ed. 4.0 b:2020, Specifications for particular types of winding wires - Part 25: Polyester or polyesterimide overcoated with polyamide-imide enamelled round aluminium wire, class 200, $47.00

S+ IEC 60317-0-6 Ed. 2.0 en:2020 (Redline version), Specifications for particular types of winding wires - Part 0-6: General requirements - Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire, $152.00

S+ IEC 60317-12 Ed. 4.0 en:2020 (Redline version), Specifications for particular types of winding wires - Part 12: Polyvinyl acetal enamelled round copper wire, class 120, $61.00

S+ IEC 60317-17 Ed. 4.0 en:2020 (Redline version), Specifications for particular types of winding wires - Part 17: Polyvinyl acetal enamelled rectangular copper wire, class 105, $61.00

S+ IEC 60317-18 Ed. 4.0 en:2020 (Redline version), Specifications for particular types of winding wires - Part 18: Polyvinyl acetal enamelled rectangular copper wire, class 120, $61.00

S+ IEC 60317-25 Ed. 4.0 en:2020 (Redline version), Specifications for particular types of winding wires - Part 25: Polyester or polyesterimide overcoated with polyamide-imide enamelled round aluminium wire, class 200, $61.00

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4975.

The following is a list of alphanumeric organization names that have been submitted to ANSI for registration. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

PUBLIC REVIEW

Southern California Edison (SCE)

Public Review Ends: August 28, 2020

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

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

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations 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

Dental Standards Institute (DSI)

ANSI's Executive Standards Council has approved the reaccreditation of the Dental Standards Institute (DSI), an ANSI Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on DSI-sponsored American National Standards, effective June 11, 2020. For additional information, please contact: Bryan Laskin, DDS, Chair of the Board, President, Treasurer and CEO, Dental Standards Institute, Inc., 109 Bushaway Road, Suite 100, Wayzata, MN 55391; phone: 763.290.0004; e-mail: bryan@operadds.com.

Industrial Truck Standards Development Foundation, Inc. (ITSDF)

The reaccreditation of the Industrial Truck Standards Development Foundation, Inc. (ITSDF), an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ITSDF-sponsored American National Standards, effective June 5, 2020. For additional information, please contact: Mr. Christopher Merther, Secretary/Treasurer, Industrial Truck Standards Development Foundation, Inc., 1750 K Street, NW, Suite 460, Washington, DC 20006; phone: 202.296.9880; e-mail: chris.merther@itsdf.org.

U.S. Technical Advisory Groups

Application for Accreditation

U.S. Technical Advisory Group to ISO TC 327 – Natural Stones

Comment Deadline: July 13, 2020

ANSI, with support from the Natural Stone Institute, has submitted an Application for Accreditation for a new proposed U.S. Technical Advisory Group (TAG) to ISO TC 327, Natural Stones, and a request for approval as TAG Administrator. The proposed TAG intends to operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

To obtain a copy of the TAG application or to offer comments, please contact: Ms. Kemi Allston, Sr. Program Administrator, ISO Team, American National Standards Institute, 25 West 43rd Street, 4th Floor, New York, NY 10036; phone: 212.642.4899; e-mail: KAllston@ansi.org . Please submit your comments to Ms. Allston by July 13, 2020 (please copy jthompso@ansi.org).

Information Concerning

International Electrotechnical Commission (IEC)

Members Needed

New USNC TAGs to IEC/SC 8C & IEC/PC 128

The US National Committee agrees with the scope for these two new IEC Committees and wishes to register as a Participating Member. A Technical Advisory Group (TAG) Administrator was recently approved for both Committees. If the USNC is to become a P-Member, a TAG will need to be established for each group.

Individuals who are interested in joining the USNC TAG for IEC/SC 8C or IEC/PC 128 are invited to contact Ade Gladstein at agladstein@ansi.org as soon as possible.

Please see the scope for **IEC/SC 8C – *Network Management*** below:

Scope
Standardization in the field of network management in interconnected electric power systems with different time horizons including design, planning, market integration, operation and control. SC 8C covers issues such as resilience, reliability, security, stability in transmission-level networks (generally with voltage 100kV or above) and also the impact of distribution level resources on the interconnected power system, e.g. conventional or aggregated Demand Side Resources (DSR) procured from markets.
SC 8C develops normative deliverables/guidelines/technical reports such as:

- *Terms and definitions in area of network management,*
- *Guidelines for network design, planning, operation, control, and market integration*
- *Contingency criteria, classification, countermeasures, and controller response, as a basis of technical requirements for reliability, adequacy, security, stability and resilience analysis,*
- *Functional and technical requirements for network operation management systems, stability control systems, etc.*
- *Technical profiling of reserve products from DSRs for effective market integration.*
- *Technical requirements of wide-area operation, such as balancing reserve sharing, emergency power wheeling.*

Please see the scope for **IEC/PC 128 – *Operation of electrical installations*** below:

Scope

Standardization in the field of broad (general) principles of operation of electrical installations. These operating instructions are intended to ensure that all operation of and work activity on, with, or near electrical installations can be carried out safely. These are electrical installations operating at voltage levels from and including extra-low voltage up to and including high voltage. These electrical installations are designed for the generation, transmission, conversion, distribution and use of electrical power. Some of these electrical installations are permanent and fixed, such as a distribution installation in a factory or office complex, others are temporary, such as on construction sites and others are mobile or capable of being moved either whilst energised or whilst not energised nor charged.

American National Standards (ANS) – Where to find Procedures, Guidance, Interpretations and More…

Please visit ANSI's website (www.ansi.org) for resources that will help you to understand, administer and participate in the American National Standards (ANS) process. Documents posted at these links are updated periodically as new documents and guidance are developed, whenever ANS-related procedures are revised, and routinely with respect to lists of proposed and approved ANS. The main ANS-related link is www.ansi.org/asd and here are some direct links as well as highlights of information that is available:

- *ANSI Essential Requirements: Due process requirements for American National Standards* (always current edition): www.ansi.org/essentialrequirements
- ANSI Standards Action (weekly public review announcements of proposed ANS and standards developer accreditation applications, listing of recently approved ANS, and proposed revisions to ANS-related procedures): www.ansi.org/standardsaction
- Accreditation information – for potential developers of American National Standards (ANS): www.ansi.org/sdoaccreditation
- ANS Procedures, ExSC Interpretations and Guidance (including a slide deck on how to participate in the ANS process and the BSR-9 form): www.ansi.org/asd
- Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS: www.ansi.org/asd
- American National Standards Key Steps: www.ansi.org/anskeysteps
- American National Standards Value: www.ansi.org/ansvalue
- ANS Web Forms for ANSI-Accredited Standards Developers - PINS, BSR8|108, BSR11, Technical Report: www.ansi.org/PSAWebForms
- Information about standards Incorporated by Reference (IBR): www.ansi.org/ibr
- ANSI - Education and Training: www.standardslearn.org

If you have a question about the ANS process and cannot find the answer quickly, please send an email to psa@ansi.org .

Please also visit Standards Boost Business at www.standardsboostbusiness.org for resources about why standards matter, testimonials, case studies, FAQs and more.

If you are interested in purchasing an American National Standard, please visit https://webstore.ansi.org/

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by grey highlighting. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard
for Plastics —

Plastics piping system components and related materials

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5 Physical and performance requirements

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5.7 Chlorine resistance – ~~Dependent transfer listing~~ Oxidative Equivalency requirements

~~In order to qualify a pipe made from a material that already has a chlorine resistance classification, the following minimum requirements shall be met for each pipe which is comprised of a different color in the polymer matrix yet made from that classified material and shall be referred to as a Dependent Transfer Listing.~~

~~NOTE — This requirement does not apply to changes in color of an external, coextruded polymer layer which is separate and distinct from the pipe polymer matrix.~~

For a material that already has a chlorine resistance classification (denoted original material), oxidative equivalency is required on pipe or material comprised of a different color from the original material or when the production site differs from that of the orginal material. When the pipe or material production site differs from that of the orignal material, a minimum of one color shall be selected from the production site being assessed.

This requirement does not apply to changes in color of an external, coextruded polymer layer which is separate and distinct from the pipe polymer matrix.

Qualified pipe shall meet the minimum requirements of 5.7.1 and 5.7.2.

5.7.1 Solid wall pipe with optional inner or outer polymeric layer

— three data points at one hoop stress level at one of the temperature conditions as for the original data set;

— two data points at a second hoop stress level at least 80 psi lower than the first stress level and at the same temperature conditions as for the first stress level;

— the 95% lower prediction limit (LPL) shall be calculated for the original material data at these temperatures / stress conditions; and

— all five data points (failure times) shall meet or exceed the LPL for that condition.

5.7.2 Pipe with middle polymeric layer

— five data points at one hoop stress level at the highest temperature conditions as for the original data set;

— the 95% LPL shall be calculated for the original material data at these temperatures / stress conditions; and

— all five data points (failure times) shall meet or exceed the LPL for that condition.

~~NOTE —~~ The hoop stress level shall be chosen so that there are no mixed mode failures. In the occurrence of such failures, the testing shall be repeated at a lower stress that would generate brittle failures.

Tracking number 60i92r1
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Revision to NSF/ANSI/CAN 60-2019
Issue 92 Revision 1 (May 2020)

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by gray highlighting. Rationale statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI/CAN Standard
for Drinking Water Treatment Chemicals –

Drinking Water Treatment Chemicals – Health Effects

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7 Miscellaneous treatment applications.

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The following table is a generic listing of the types of products covered in this section of the standard. This table is not intended to be a complete list of all products used for miscellaneous treatment applications. Inclusion of a product does not indicate either a use endorsement of the product or an automatic acceptance under the provisions of this Standard. Annex I-3, Table I-3.1, includes a cross-reference index of the various chemicals (and the more common synonyms) contained in this table.

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 N-1, Section N-1.3.3	1.0[3]	metals[4], radionuclides
citric acid (copper chelator)	citric acid monohydrate	$C_6H_8O_7 \bullet H_2O$ (77-92-9)	210	Method A,	3.3[10]	metals[4]

				Annex N-1, Section N-1.3.2		
calcium fluoride (fluoridation)	fluorspar, fluorite	CaF_2 (7789-75-5)	78.08	Method B, Annex N-1, Section N-1.3.3	1.0[3]	metals[4], radionuclides
copper ethanolamine complexes (algicide)	—	$Cu(NH_2C_2H_4OH)_4^{++}$	variable	Method A, Annex N-1, Section N-1.3.2	1.0[5]	metals[4], formulation dependent organics
copper sulfate (algicide)	cupric sulfate	CuSO4 (7758-98-7)	159.61	Method A, Annex N-1, Section N-1.3.2	1.0[5]	metals[4]
copper triethanolamine complexes (algicide)	—	$Cu(N(C_2H_4OH)_3)^{++}$	variable	Method A, Annex N-1, Section N-1.3.2	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 N-1, Section N-1.3.12	—	metals[4], VOCs
fluorosilicic acid (fluoridation)	fluosilicic acid, hydrofluosilicic acid	H_2SiF_6 (16961-83-4)	144.11	Method B, Annex N-1, Section N-1.3.3	1.0[3]	metals[4], radionuclides
magnesium fluorosilicate (fluoridation)	magnesium silicofluoride, magnesium hexafluorosilicate	$MgSiF_6$ (16949-65-8)	166.40	Method B, Annex N-1, Section N-1.3.3	1.0[3]	metals[4]
potassium chloride (softening)	potassium salt	KCl (7447-40-7)	74.55	Method A, Annex N-1, Section N-1.3.2	1,000[8]	metals[4], radionuclides

potassium fluoride (fluoridation)	—	KF (7789-23-3)	58.10	Method B, Annex N-1, Section N-1.3.3	1.0[3]	metals[4]
sodium bisulfite (dechlorinator & antioxidant)	sodium acid sulfite	$NaHSO_3$ (7631-90-5)	104.07	Method A, Annex N-1, Section N-1.3.2	18[6]	metals[4]
sodium chloride (softening or electrolytic chlorination)	sodium salt	NaCl (7647-14-5)	58.44	Method A, Annex N-1, Section N-1.3.2	800[8]	metals[4], radionuclides, bromide[9]
sodium fluoride (fluoridation)	florocid	NaF (7681-49-4)	42.0	Method B, Annex N-1, Section N-1.3.3	1.0[3]	metals[4], radionuclides
sodium metabisulfite (dechlorinator & antioxidant)	sodium pyrosulfite	$Na_2S_2O_5$ (7681-57-4)	190.13	Method A, Annex N-1, Section N-1.3.2	15	metals[4]
sodium fluorosilicate (fluoridation)	sodium silicofluoride, sodium fluosilicate	Na_2SiF_6 (16893-85-9)	132.0	Method B, Annex N-1, Section N-1.3.3	1.0[3]	metals[4]
sodium sulfite (dechlorinator & antioxidant)	—	Na_2SO_3 (7757-83-7)	126.06	Method A, Annex N-1, Section N-1.3.2	22[6]	metals[4]
sulfur dioxide (dechlorinator & antioxidant)	sulfurous oxide	SO_2 (7446-09-5)	64.07	Method F, Annex N-1, Section N-1.3.7	10	metals[4]
tricalcium phosphate (defluoridation)	hydroxyapatite	$Ca_5(PO_4)_3OH$ (12167-4-7)	502	Method B, Annex N-1, Section N-1.3.3	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.

[10]Based on a weight to weight ratio of 1:1 between copper sulfate pentahydrate and citric acid monohydrate.

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8 Miscellaneous water supply products

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Table 8.1
Miscellaneous water supply products – Product identification and evaluation (limited contact)

Product	Product –Specific analyses	Preparation method
antifoamers	formulation dependent	Method I, Annex N-1, Section N-1.3.10
distribution system rehabilitation materials	formulation dependent	—
backfill materials for cathodic protection or electrical installations	formulation dependent	Method G, Annex N-1, Section N-1.3.8
scale inhibitors	formulation dependent	Method H, Annex N-1, Section N-1.3.9
Well development / rehabilitation materials		
acids	formulation dependent	Method D, Annex N-1, Section N-1.3.5
bases (caustics)	formulation dependent	Method B, Annex N-1, Section N-1.3.3
disinfectants	formulation dependent	see Section 6
flocculants	formulation dependent	see Section 4
frac sand	formulation dependent	Method G, Annex N-1, Section N-1.3.8
organic acid (citric acid)	regulated metals	Method A, Annex N-1, Section N-1.3.2
scale removers	formulation dependent	Method H, Annex N-1, Section N-1.3.9
Separation process cleaners		
organic acid (citric acid)	regulated metals	Method A, Annex N-1, Section N-1.3.2
Drilling additives . . .		

Rationale: Added citric acid to Tables 7.1 and 8.1 per recommendation by DWA Task Group as the appropriate uses with copper-based algicides, for well development/rehabilitation, and as an offline separation process cleaner.

BSR/UL 498, Standard for Safety for Attachment Plugs and Receptacles

1. Changes in requirements for connectors with latching mechanisms

PROPOSAL

92.2 A cord connector with a ~~spring-activated~~ latching mechanism shall be subjected to the tests described in Sections 93 – ~~96~~97 with the mechanism defeated. ~~If compliance with any of the tests in the sequence is unable to be determined, a new set of devices is to be subjected to the test sequence with the mechanism engaged. The cord connector shall then be subjected to the Latching Mechanism Test, Section 98.~~

93.1 The contacts of a 1-15R, 5-15R, 5-20R, 6-15R or 6-20R configuration cord connector shall retain an attachment plug so that a force greater than 3 lbf (13 N) is required to withdraw the plug when tested as described in this section.

~~*Exception: A cord connector that has provision for locking the plug in place after the blades have been inserted in the female contacts (such as a rotating collar) is not required to be subjected to this test.*~~

~~*93.2 A cord connector with a spring-activated latching mechanism shall be subjected to this test with its mechanism defeated. See 92.2.*~~ *Deleted.*

94.1.2 ~~A cord connector with a spring-activated latching mechanism shall be subjected to this test with its mechanism defeated. See 92.2.~~ *Deleted.*

95.2 ~~A cord connector with a spring-activated latching mechanism shall be subjected to this test with its mechanism defeated. See 92.2.~~ *Deleted.*

96.1.1 After completion of the Overload Tests, Section 94, and the Temperature Test, Section 95, the contacts of a 1-15R, 5-15R, 5-20R, 6-15R or 6-20R configuration cord connector shall retain an attachment plug so that when tested as described in this section:

a) A force greater than 3 lbf (13 N) is required to withdraw the plug, and

b) A force of 15 lbf (67 N) is capable of withdrawing the plug.

~~*Exception: A cord connector that has provision for locking the plug in place after the blades have been inserted in the female contacts (such as a rotating collar) is not required to be subjected to this test*~~

96.1.2 ~~A cord connector with a spring-activated latching mechanism shall be subjected to this test with its mechanism defeated. See 92.2.~~ *Deleted.*

98.1.1 A 1-15R, 5-15R, 5-20R, 6-15R, or 6-20R cord connector employing a ~~spring-actuated~~ latching mechanism for locking a mated attachment plug in place after its blades have been inserted into the female contacts shall be subjected to the tests in this section.

~~*Exception: Cord connectors subjected to the tests described in Sections 93 – 96 with the latching mechanism defeated and found to comply are not required to be subjected to the latching mechanism tests.*~~

98.2 ~~Cycling test~~ *Deleted*

98.2.1 ~~After completion of this test, there shall not be any damage to the cord connector, its latching mechanism, or the attachment plugs. The latching mechanism shall remain capable of functioning as intended. There shall not be any damage, arcing or dielectric breakdown during application of the test potential. The mating plug shall not pull free from the cord connector outlet during application of the test force.~~ *Deleted*

98.2.2 ~~Each of six previously untested devices is to be tested. A mating attachment plug having rigidly mounted solid blades and standard detent holes is to be inserted and fully seated into the outlet of the device under test. For devices with the 1-15R, 5-15R, 5-20R, 6-15R or 6-20R configurations, the mating plugs shall have the configurations specified in Table 98.1. The latching mechanism is to be activated to lock the plug in place. The locking means is then to be activated to release the plug and the plug is to be withdrawn from the outlet. This sequence is to be repeated for a total of 1000 cycles.~~ *Deleted*

~~Table 98.1~~
~~Mating plug configurations for cycling testing~~
Deleted

~~Device under test~~	~~Mating plug~~	~~No. of devices tested~~
~~1-15R~~	~~1-15P~~	~~6~~
~~5-15R~~	~~1-15P~~	~~6~~
~~5-20R~~	~~1-15P~~	~~3~~
	~~5-20P~~	~~3~~
~~6-15R~~	~~6-15P~~	~~6~~
~~6-20R~~	~~6-15P~~	~~3~~
	~~6-20P~~	~~3~~

98.2.3 ~~Each device is then to be subjected to a 50-60 Hz essentially sinusoidal potential equal to twice the rated voltage plus 1000 V applied between live parts of opposite polarity and between live parts and grounding or dead metal parts. The test voltage is to be increased at a uniform rate and as rapidly as is consistent with its value being correctly indicated by a voltmeter, and maintained at the test potential for 1 minute. A mating attachment plug capable of withstanding a 2500 V potential is then to be inserted into the outlet and the application of the test potential is to be repeated.~~ *Deleted*

98.2.4 ~~A mating attachment plug employing folded blades with standard detent holes is then to be inserted and fully seated in the outlet of each device under test. The latching mechanism is to be actuated to lock the plug in place. A static 30 lbf (133 N) is to be applied to the plug for 1 minute in a direction perpendicular to the plane of the face of the outlet.~~ *Deleted*

98.3.1 After completion of this test, there shall not be any damage to the cord connectors or the blades of the attachment plugs or other evidence of increased risk of injury or electric shock. The latching means shall remain functional. There shall not be any loosening of the plug blades or displacement between the blades at the attachment plug face, nor compression of the folded blades below the minimum allowable thickness for the configuration. The attachment plug shall be capable of being inserted into a standard mating receptacle. There shall not be any damage, arcing, or dielectric breakdown during application of the test potential. The retention of blades test, Section 96 is to be repeated.

98.3.2 Previously untested devices are to be used. With the device firmly secured in place, a mating attachment plug is to be inserted into the device and the latching mechanism activated to lock the plug in place. The mating plugs are to have the configurations shown in Table 98.2. A pull of 20 lbf (89 N) in a direction perpendicular to the plane of the face of the cord connector and tending to withdraw the plug from the device is then to be applied to the plug and the plug shall be withdrawn by the force. ~~A static 30 lbf (133 N) is to be applied to the plug for 1 minute in a direction perpendicular to the plane of the face of the outlet which tends to remove the plug from the outlet.~~ The force is then to be removed from the plug and the latching mechanism activated to release the plug, and the plug removed from the outlet. This is to be repeated for a total of ~~50~~250 cycles. Three devices are to be tested using attachment plugs with rigidly mounted solid blades with standard detent holes. Three devices are to be tested using attachment plugs with folded blades and standard detent holes.

2. New requirements for high ambient temperature for 15 & 20 A straight blade receptacles

PROPOSAL

[Note from the Project Manager: Section 26A would be inserted between 26.2.1 and Section 27, Insulating Materials.]

RECEPTACLES

26A General

26A.1 15 and 20 amp straight blade receptacles are suitable for use in an ambient temperature up to 50ºC.

BSR/UL 514C, *Standard for Safety for Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers*

1. Topic – Revisions to the Standard to address changes needed to accommodate the use of an overmold or overlay material to close small openings in boxes for air-seal applications

PROPOSAL

BOXES INTENDED FOR USE WITH NONMETALLIC-SHEATHED CABLE OR OPEN WIRING

CONSTRUCTION
19 Materials

19.1 A material used for a box that has not been investigated for the application shall be investigated for combustibility, aging characteristics, temperature stability, resistance to ignition, dielectric strength, and physical strength.

19.2 A material that is employed in a box not intended for the support of a fixture/luminaire, or in a box intended to support a fixture/luminaire weighing 49 lbs (22.2 kg) or less and marked for use in a wall, shall have relative thermal indices of not less than 80°C (176°F) for properties of electrical (RTI Elec) and mechanical strength (RTI Str). See 92.1.9.

19.3 A material that is employed in a box that is marked intended for support of a fixture/luminaire in a ceiling, or a ceiling suspended fan shall have relative thermal indices of not less than 90°C (194°F) for properties of electrical (RTI Elec) and mechanical strength (RTI Str).

19.4 An overmold or overlay material applied to a box described in Sections 19.2 or 19.3 for the purpose of closing openings in air-seal applications, shall have relative thermal indices of not less than 50°C (122°F) for properties of electrical (RTI Elec) and mechanical strength (RTI Str). No openings shall be greater than 0.625 inch (15.90 mm) by 0.844 inch (21.44 mm). Overmold or overlay material does not apply to gaskets used to cover up knockouts or clamps.

~~19.4~~19.5 The relative thermal index specified in 19.2, 19.3,19.4, 40.2.1, and 46.1 is to be determined in accordance with the Standard for Polymeric Materials – Long Term Property Evaluations, UL 746B.

34.2 Boxes

34.2.3 To determine whether a box complies with the requirements in 34.2.1, samples of each box are to be tested as described in 34.2.2 having two 30-second applications of the test flame with a 60-second interval between applications. Two knockouts are to be removed from the side of each box that is furthest from the test flame before the flame is applied. The test flame is to be applied vertically to the interior of the box as illustrated in

Figure 34.3 but is to be offset 1/2 inch (12.7 mm) from the center of any molding gate, knockout, cable entry or integral clamp.

Exception: For a box having an internal volume less than 75 cubic inches (1230 cm3), the test flame is to be adjusted to have a yellow flame 3/4 inch (19 mm) high without any blue cone.

92.1.9 A box constructed of a material having ~~a~~ relative thermal ~~index~~ indices for properties of both electrical (RTI Elec) and mechanical strength (RTI Str) greater than the minimum values specified in 19.2 or 19.3, as applicable, may have ~~has~~ the following additional markings ~~alternatives~~. ~~These markings are not required.~~

a) The box may be ~~is~~ marked in excess of 90°C with the maximum temperature rating of the conductor ~~wire for which it is~~ that operates in compliance with and ~~acceptable~~ corresponding to the standard ~~wire~~ temperature rating of the conductor ~~as~~ specified in Section ~~310-10~~ 310.14 of the National Electrical Code, ANSI/NFPA 70, or

b) The smallest unit shipping carton or the instruction sheet may be ~~is~~ marked per item (a).

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

PROPOSALS

1. Stability Test Revisions

40 Stability Test

40.1 A~~n electronic~~ heat detector shall be subjected to the test specified in (a) – (c). Different detectors may be employed for each test. During conditions (b) and (c), there shall not be false alarms.

a) A detector shall operate for its intended signaling performance after being subjected for 90 days to an ambient temperature of 15 degrees below its maximum installation temperature. Alternately, the detector may be subjected to a shorter time period and higher temperature as determined by the following equation:

$$\frac{4 * D_1}{D_2} = e^{-\frac{\Theta}{K}\left(\frac{1}{T_2}-\frac{1}{T_1}\right)}$$

in which:

D1 is 90 days,

D2 is the proposed time period in days,

T1 is the temperature in Kelvin when testing for 90 days,

T2 is the temperature in Kelvin when testing for proposed time period in days,

Θ is 0.65 eV and

K is 8.62 x 10-5 eV/K.

Two samples are to be placed in a circulating air oven and energized from a source of rated voltage and frequency. Following removal, the energized samples are to be permitted to cool to room temperature for at least 24 hours.

b) Fifty cycles of momentary (approximately 1/2 second) interruption of the detector power supply at a rate of not more than 6 cycles per minute.

c) Three plunges from an ambient humidity of 20 ±5 percent relative humidity to an ambient of 90 ±5 percent relative humidity at 23 ±2°C (73.4 ±3.6°F).

40.6 A heat detector that uses eutectic metal technology shall be subjected to the test specified below:

a) The heat detector shall operate for its intended signaling performance after being subjected for 90 days to an ambient temperature of 93 ±5 percent relative humidity at 8.3°C (15°F) below the heat detector set point. Ten samples mounted in their intended mounting position are to be placed in a circulating air oven and energized for 90 days from a source of rated voltage and frequency. Following removal from the circulating air oven, the samples are to cool to room temperature for at least 24 hours. The samples shall then be subjected to the Operating Temperature Test, section 22, to determine the activation temperature.

2. Oven Test Clarification

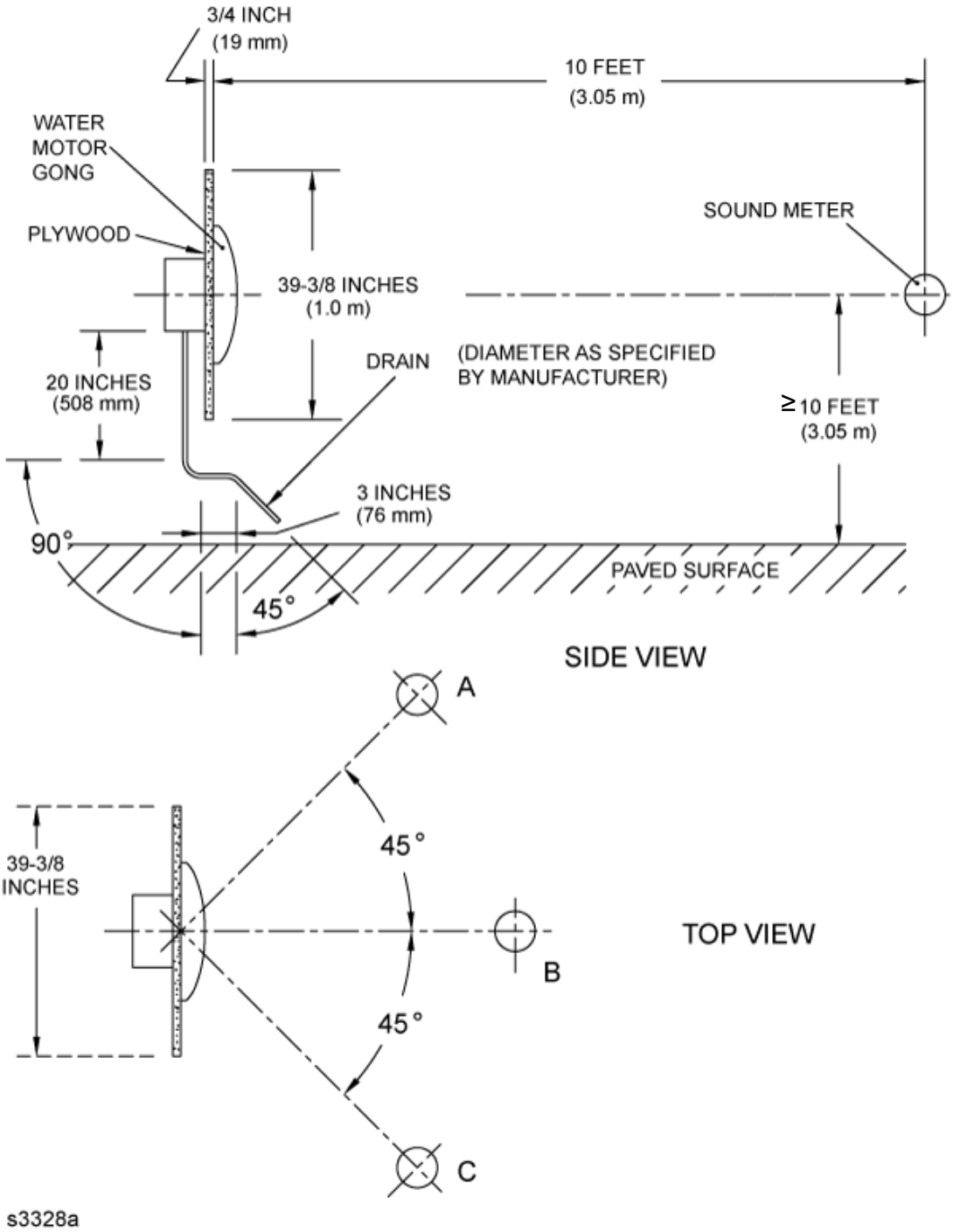
19.1 A heat detector that operates in 2 minutes or less when subjected to the time-temperature condition shown by Figure 19.1 is eligible for a 15-foot (4.57-m) installation spacing. Heat detector samples shall be uniform in operation when mounted in the same position. They shall be tested in each of the different positions permitted by the design. Operation is considered uniform if the heat detectors operate within the applicable temperature range indicated in the tabulation under the Operating Temperature Test, Section 22. See Table 22.1. The range of operation need not include the temperature rating of the device; the operating temperature (set-point) is determined by the test in Section 22 (Operating Temperature Test).

BSR/UL 753-202x, Standard for Safety for Alarm Accessories for Automatic Water-Supply Control Valves for Fire-Protection Service

1. Correction to Figure 34.1

(PROPOSED)

Figure 34.1
Intensity of alarm test setup



BSR/UL 1247-202x, Standard for Safety for Diesel Engines for Driving Stationary Fire Pumps

1. Electronic Fuel Managed Engines

PROPOSAL

7.2.2 An electronic fuel controlled engine shall be equipped with a primary ECM and an equivalent functioning alternate ECM to control the fuel injection process. Engines that require more than one primary ECM to manage the engine performance shall be provided with an equivalent number of alternate ECMs.

7.2.5A The circuitry for an engine shall be designed so that the primary and alternate ECM(s) are not operating simultaneously to manage the engine performance. The primary and alternate ECM(s) shall be permitted to be powered-on during the normal operating mode provided that only the primary or only the alternate ECM(s) is managing the engine performance.

BSR/UL 1369, Standard for Safety for *Aboveground Piping for Flammable and Combustible Liquids*

1A. Revisions to the Fire Test

PERFORMANCE

12 Fire Test

12.1 One 92 cm (3 ft) sample of all aboveground pipe types in worst case sizes shall be subjected to the hydrocarbon pool fire described in Clauses 12.2 to 12.4 for at least 30 min, or higher time options in 15 min increments up to 2 h while the primary pipe is filled with water at rated pressure~~. A repeat Leakage Test according to Subsection 6.2 shall then be conducted at laboratory temperature. Optional fire jackets to protect end connections used to seal and/or test the pipe, not including the actual pipe end being tested, are permitted if also included in applicable evaluations in the Physical Abuse, Short Term Compatibility, Long Term Compatibility Tests, supplied with the pipe, and included in the installation instructions.~~, and the secondary pipe, if applicable, shall contain unpressurized air. The primary pipe and/or secondary pipe may be maintained at 2X rated pressure during the test to determine the time of any leakage if the alternate leak test method is used.

12.1.1 A repeat Leakage Test according to Subsection 6.2 shall then be conducted at laboratory temperature. Alternately, if the primary pipe and/or secondary pipe is continuously monitored at 2X rated pressure during the test, the data is permitted to be used to determine the leakage test results and time rating. Similarly, visual observations such as bursting or spraying are also permitted to be used.

12.1.2 Optional fire jackets to protect end connections used to seal and/or test the pipe, not including the actual pipe end being tested, are permitted if also included in applicable evaluations in the Physical Abuse, Short Term Compatibility, Long Term Compatibility Tests, supplied with the pipe, and included in the installation instructions.

12.4 When the test reaches the required time, or a failure is identified, the fire shall be extinguished using an appropriate method that does not damage the sample. After cooling to laboratory temperature, the sample shall be visually examined for damage before repeat leak testing on only the pipe system, if the alternate leak test method is not used.

12.5 The primary pipe and secondary pipe ~~samples~~ shall not leak before the time it is rated for ~~during the fire test or after the repeat leakage test~~.

Exception 1: The secondary pipe is permitted to leak at the end fittings.

Exception 2: The secondary pipe is permitted to leak at a location other than at the fittings, if the markings and instructions require the piping system to be continuously monitored for interstitial leakages.

MARKINGS AND INSTRUCTIONS

14 Markings

14.1 Each pipe, at minimum 3 m (10 ft) intervals, and fitting (primary piece or packaging) shall be marked with the following required information on the outer surface in a permanent and legible manner where visible after assembly. Abbreviations may be used for smaller parts if detailed information is also provided in the manufacturer's instructions:

a) The manufacturer's name, trade name, trademark or other descriptive mark that identifies the company responsible for the product. If the product is manufactured at more than one location, a factory code shall also be provided;

Exception: The manufacturer's identification may be in a traceable code if the product is identified by the brand or trademark owned by a private labeler.

b) Manufacturing date, with a minimum combination of day, month, year, or time period not exceeding three consecutive months (for example, first quarter of the year);

Exception: A date code may be used provided it is traceable by the manufacturer, does not repeat in less than 20 years, and does not require reference to production records.

c) Catalog, model, part or equivalent number to identify the pipe, fitting or component and the nominal size (inches or mm);

d) The statement “Aboveground Use” and the maximum pressure rating (psig);

e) The statement “Use Only OEM Fittings - Follow Installation Instructions”;

f) The type of pipe system(s), and special use or temperature ratings marked on the pipe only (abbreviations or codes may be used if identified in the manufacturer's instructions):

1) “Primary”;

2) “Secondary”;

3) “Coaxial” or “Integral Primary/Secondary”;

4) “Marina Use” if compliant with the optional Marina rating tests in Subsection 9.2, and Subsection 9.3 if applicable;

5) “Severe HT” or “Severe LT” if compliant with the optional high or low temperature test values.

g) The fuel and fire rating(s), marked on the pipe only (abbreviations or codes may be used if identified in the manufacturer's instructions):

1) English - “Fuels for Engines, Generators and Heaters, plus the Equivalent Combustible Liquids” French - “Carburants pour moteurs, génératrices et chaufferettes, plus les liquides combustibles équivalents”;

2) "* Fuels" if compliant with specific fuels or fuel components optionally evaluated in Section 11;

3) "* Liquids" if compliant with specific liquids optionally evaluated in Section 11;

4) "* Hr Fire Rating" based on the compliant fire test time in Section 12.

5) "Continuous Interstitial Monitoring Required Over Complete Secondary Length" if meeting Exception 2 of paragraph 12.5.

h) Assembly specifications:

1) For threaded pipe or compression fittings - recommended torque [N·m (in·lb)];

2) For screw clamp fittings - recommended torque [N·m (in·lb)];

3) For crimp fittings - proper tool setting or "See Joining Instructions";

4) For adhesives, weld or other connection means - "See Joining Instructions".

i) The statement "For Use Only With _ Mfg and Model_ Secondary Pipe" for primary pipe intended for use only with a specific secondary pipe when used as a system.

15 Manufacturer's Instructions

15.1 Instructions shall be attached to all pipe (roll or bundle) and included with fittings (boxes or packages). Instructions shall be preceded by the statement "IMPORTANT INFORMATION - FOLLOW ALL INSTRUCTIONS" in bold text minimum 8.0 mm high and shall include the following information:

a) General and Ratings - A statement indicating that the piping system shall only be installed by a qualified person (determined by the manufacturer) and that the use of non-qualified personnel or any deviations from these recommended procedures could result in damage or leakage of the system. The instructions shall provide the company name, phone number and any other information that is essential to contact the manufacturer or the qualified person. Additionally, the following information shall be provided:

1) The manufacturer and model of each pipe and fitting component in a system matching Clause 14.1 (a) and (c);

2) The aboveground use pipe system containment type, special use or temperature ratings and maximum pressures per Clause 14.1 (d) and (f); ~~and~~

3) The fuel and fire rating(s) for the primary pipe and secondary pipe, as appropriate, per Clause 14.1(g), and;

4) The pipe manufacturers recommendation for continuous interstitial leak monitor per Clause 14.1 g) 5), such as monitor type(s), manufacturer(s)/model(s) and other installation details.

BSR/UL 121201, Standard for Safety for *for Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations*

1. For Preliminary Review Only: Revisions to opening of sealed devices.

PROPOSAL

3.11 MAINTENANCE, OPERATIONAL – any maintenance activity, excluding corrective maintenance, that is intended to be performed by the operator and is required for the equipment to serve its intended purpose. Such operational maintenance activities typically include opening of the enclosure for charging or replacement of batteries, the correcting of "zero" on a panel instrument, changing charts, keeping of records, and adding ink, or the like.

NOTE: Battery charging that does not require opening of the enclosure (such as by inductive means) need not be considered a maintenance function and can be considered a normal operating condition.

3.34 SEALED DEVICE – a device so constructed that it cannot be opened during normal operating conditions or operational maintenance; it is sealed to restrict entry of an external atmosphere. These requirements apply to the device design, and not just only to when it is operated in a hazardous (classified) location.

2. For Preliminary Review Only: Revisions to Consideration of Normal operating conditions.

PROPOSAL

3.30 NORMAL OPERATING CONDITIONS – conditions under which equipment conforms electrically and mechanically with its design specification and is used within the conditions specified by the manufacturer. These conditions include the following, as a minimum:

a) addressing all declared supply voltage, current, and frequency, including declared tolerances;

b) addressing all declared environmental conditions (including process interface);

c) all tool-removable enclosures or parts of enclosures remaining ~~(e.g., covers)~~ in place;

d) any part of the enclosure that can be opened or removed without a tool, being opened or removed;

e) any controls that are operable without using a tool, being adjusted to the "worst case" position ~~all operator-accessible adjustments at their most unfavorable settings~~; and

~~e~~ f) opening or grounding of any one or shorting of any two of the nonincendive field-wiring conductors that result in the "worst case" condition.

The evaluation of equipment or components for use in or associated with hazardous (classified) locations in accordance with this Standard shall include all of the above conditions.

3. For Preliminary Review Only: Revisions to the application of general industrial / ordinary locations requirements.

PROPOSAL

4.2.1 Equipment covered by this Standard shall comply with the unclassified location requirements (also referred to as ordinary location or general-purpose requirements) for the particular equipment except as specifically amended herein. See Annex B for a list of commonly applied standards covering the unclassified location requirements for such equipment. Equipment shall comply with the Canadian National or USA National ANSI standards as appropriate for the country where the product is to be used.

NOTE: For battery powered portable equipment, applicable ordinary location standards include CSA and UL 61010-1, CSA and UL 62368-1, UL 508, CSA and UL 60950-1. One of the concerns regarding this type of equipment is the risk of fire associated with the battery.

4.4.1 A component of ~~a~~ equipment ~~product~~ covered by this Standard shall comply with the unclassified location requirements (also, referred to as ordinary location or general-purpose requirements for the particular ~~that C~~ component, except as specifically amended herein. See Annex B for a list of commonly applied standards covering the unclassified location requirements for such components generally used in the equipment ~~products~~ covered by this Standard. ~~A c~~ Components shall comply with the Canadian National or USA National ANSI standards as appropriate for the country where the equipment ~~product~~ is to be used, including all conditions of acceptability associated with the component (often referred to as the schedule of limitations).

All conditions of acceptability for components shall be addressed so as to determine compliance associated with the required risks of fire, electric shock, and injury to persons, in addition to the risks of explosion.

5.6 Batteries and battery-powered equipment

SPECIAL NOTE: 5.6.1 has been renumbered to 5.6.2 per the addition of a replacement 5.6.1.

(NEW)

5.6.1 Potential adverse conditions that may result from the charging and discharging of batteries in hazardous (classified) locations, and in unclassified locations if so intended, shall be addressed in accordance with the applicable Canadian National or USA National ANSI standards. See Clause 4.4.1.

(REVISED)

5.6.1~~2~~ Operator accessible batteries and any components that are used to limit the short circuit currents below a value that will ignite the specified test gas mixture, and are not an integral part of the battery, shall be constructed as follows:

a) current-limiting components shall be enclosed in a manner that will reduce the likelihood of defeating the current limitation;

b) the construction of the battery compartment of portable equipment shall comply with 16.1;

c) the equipment shall be marked as indicated in 9.3.1; and

d) if changing of the battery does not meet the nonincendive circuit requirements of 5.1.2 b), the equipment shall be additionally marked as indicated in 9.3.2.

Annex B – Commonly Applied Standards – Safety Requirements for Electrical Equipment (informative)

The following are commonly applied standards used to verify conformance with safety requirements for electrical equipment. This list is not comprehensive.

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CAN/CSA C22.2 No. 61010-1 ~~Safety Requirements for~~ Electrical Equipment for Measurement, Control, and Laboratory Use – Part 1: General Requirements

CAN/CSA C22.2 No. 60950-1 Information Technology Equipment – Safety – Part 1: General Requirements

CSA 60065 Audio, Video, and Similar Electronic Apparatus-Safety Requirements

CSA 62368-1 Audio/Video, Information and Communication Technology Equipment - Part 1: Safety Requirements

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CSA C9 Dry-Type Transformers

~~UL 61010-1 Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use; Part 1: General Requirements~~

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UL 61010-1 Electrical Equipment for Measurement, Control, and Laboratory Use; Part 1: General Requirements

UL 60065 Audio, Video, and Similar Electronic Apparatus-Safety Requirements

UL 62368-1 Audio/Video, Information and Communication Technology Equipment - Part 1: Safety Requirements

4. For Preliminary Review Only: Revisions to Li ion batteries used in Division 2 portable equipment.

PROPOSAL

5.2.2 For portable devices incorporating a Li Ion rechargeable battery, so as to minimize battery failures resulting in the device becoming a source of ignition, one of the following minimum enclosure ratings is required.

i. IP54 in accordance with IEC 60529;

ii. in the United States: Type 3 in accordance with UL 50E, along with UL 50; or

iii. in Canada: Type 3 in accordance with CAN/CSA C22.2 No. 94.2, along with CAN/CSA C22.2 No. 94.1

5. For Preliminary Review Only: Revisions to the sealed device requirements.

PROPOSAL

13.1.5 The sealed device itself, or the sealing and encapsulating material of the sealed device, shall have a continuous operating temperature at least 20K higher than ~~equal to~~ the maximum service temperature and equal to the minimum service temperature to which it is exposed.

Alternatively, the sealed device itself, or the sealing and encapsulating material of the sealed device, may have a continuous operating temperature equal to the maximum and minimum service temperature to which it is exposed if it is subjected to the Temperature aging requirements in this standard based on the maximum service temperature prior to the air leakage test in 13.2.

Where the sealed device is fixed equipment or an internal part of fixed equipment, and the device is constructed with a separate housing and base that are sealed together, the housing and base of the device need not be ~~are not~~ considered ~~to be~~ part of the seal. Where the sealed device is portable equipment or an internal part of portable equipment, and the device is constructed with a separate housing and base that are sealed together, the housing and base of the device shall be considered part of the seal.

NOTE 1 For fixed equipment applications involving seal material with continuous operating temperature at least 20K higher than the maximum service temperature and equal to the minimum service temperature to which it is exposed, a ~~A~~ manufacturer's COT ratings or declaration regarding the COT ratings is a means of determining suitability.

NOTE 2 For all portable equipment applications, and for fixed equipment applications involving seal material with a COT that is not at least 20K higher than the maximum service temperature, a manufacturer's declaration regarding the specific manufacturer and part number of the housing and base material relied upon to comply with the applicable requirements is a means of determining suitability.

6. For Preliminary Review Only: Revisions to the Drop test for portable equipment.

PROPOSAL

16.2.1 A sample shall be subjected to the following thermal conditioning:

i. Seven (7) days at a uniform temperature of at least 10°C (18°F) higher than the maximum temperature of the material measured under worst case normal operating conditions, but not less than 70°C (158°F),

ii. directly followed by cooling to the minimum rated ambient temperature.

Within 10 minutes of this thermal conditioning, the ~~E~~equipment shall be dropped six times, not more than once on any one equipment surface, from a height of at least 1 ~~0,9~~ m onto a smooth concrete floor. A nonrestrictive guide may be used.

There shall be no ejection of the battery (or batteries) and there shall be no damage ~~to the nonincendive protection~~ that invalidates compliance with the requirements in this standard.

16.2.2 The drop test in CSA/UL 60079-0 may be used as an alternative. The testing shall be performed after the required thermal endurance to heat and to cold and to the required impact testing at the specified maximum and minimum temperatures as specified in CSA/UL 60079-0.

7. For Preliminary Review Only: Revisions to correct reference in Clauses 5.1.2 and 5.3.1.

PROPOSAL

5.1.2 Each make/break component shall be one or more of the following:
~~a~~ b) used in a nonincendive circuit that meets the requirements of Clause 7;
~~b~~ a) a normally nonarcing component that meets the requirements of Clause 8;
c) a nonincendive component that meets the requirements of Clause 12;
d) a sealed device that meets the requirements of Clause 13;
e) an enclosed-break device that meets the requirements of Clause 14; or
f) immersed in oil that meets the requirements of Clause 17.

5.3.1 Fuses used in circuits that are subject to overloading in normal use shall be:
a) housed in an enclosure suitable for Division 1 locations;
b) evaluated in accordance with a type of protection listed in 5.1.2 b) – ~~e~~ f); or
~~c) constructed such that the operating element is immersed in oil; or~~
~~d~~ c) a nonindicating, filled, current-limiting type.

NOTE ~~1~~ Examples of circuits that are subject to overloading in normal use include a motor circuit where a possibility of a stalled motor opening the fuse exists, or where there is the possibility of an overload not caused by a fault in the circuit. Reference 501.115(B)(3) of NFPA 70:2014 (NEC).

~~NOTE 2 The material characteristics of the oil, and the depth to which the operating element of the fuse is immersed within the oil, is not controlled by this requirement.~~