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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

Comment Deadline: August 9, 2020

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

1791 Tullie Circle, NE, Atlanta, GA 30329 ph: (678) 539-1214 www.ashrae.org

Addenda

BSR/ASHRAE Addendum 62.2b-202x, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Addendum 62.2b-2017)

Disentangling the requirements of ventilation rate, control, and operation makes the Standard easier to follow, enforce, and maintain over time. This proposed addendum clears up the issue that SSPC 62.2 has been struggling with regarding to whom the controls should be readily accessible. It is now clear that the dwelling unit occupant is the target of the readily accessible requirement except in the case of continuous local mechanical exhaust in multifamily dwelling units.

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

Send comments (with optional copy to psa@ansi.org) to: Online Comment Database at <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>

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

1791 Tullie Circle NE, Atlanta, GA 30329 ph: (678) 539-2114 www.ashrae.org

Addenda

BSR/ASHRAE Addendum k to BSR/ASHRAE Standard 34-202x, Designation and Safety Classifications of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)

This proposed addendum ensures blends with the same components cannot have an identical composition, including the allowance for the component composition tolerances.

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

Send comments (with optional copy to psa@ansi.org) to: Online Comment Database at <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>

AWWA (American Water Works Association)

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

Revision

BSR/AWWA G480-202x, Water Conservation and Efficiency Program Operation and Management (revision of ANSI/AWWA G480-2013)

This standard describes the critical elements of an effective water conservation and efficiency program. It encompasses activities undertaken by a utility within its own operations to improve water use on the supply side upstream of customer meters through distribution system management, and on the demand side downstream of customer meters through customer billing and education practices. A program meeting this standard has the potential to impact all water users.

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

Send comments (with optional copy to psa@ansi.org) to: AWWA, Paul J. Olson, polson@awwa.org

NSF (NSF International)

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

Revision

BSR/NSF 330-202x (i11r1), Glossary of Drinking Water Treatment Units Terminology (revision of ANSI/NSF 330-2019)

This Standard establishes definitions for drinking-water treatment units and related components.

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

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

Comment Deadline: August 9, 2020

NSF (NSF International)

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

Revision

BSR/NSF 350-202x (i33r3), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)

This Standard contains the minimum requirements for onsite residential and commercial greywater treatment systems. Systems may include Greywater reuse treatment systems having a rated treatment capacity up to 5,678 L/d (1,500 gal/d); or Commercial greywater reuse treatment systems. This applies to onsite commercial reuse treatment systems that treat combined commercial facility greywater with capacities exceeding 5,678 L/d (1,500 gal/d) and commercial facility laundry water only of any capacity. Management methods and end uses appropriate for the treated effluent discharged from greywater residential and commercial treatment systems meeting this Standard are limited to subsurface discharge to the environment only

[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) 418-6660 www.nsf.org

Revision

BSR/NSF 350-202x (i51r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)

This Standard contains minimum requirements for onsite residential and commercial greywater treatment systems. Systems may include Greywater reuse treatment systems having a rated treatment capacity up to 5,678 L/d (1,500 gal/d); or Commercial greywater reuse treatment systems: This applies to onsite commercial reuse treatment systems that treat combined commercial facility greywater with capacities exceeding 5,678 L/d (1,500 gal/d) and commercial facility laundry water only of any capacity. Management methods and end uses appropriate for the treated effluent discharged from greywater residential and commercial treatment systems meeting this Standard are limited to subsurface discharge to the environment only

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

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

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 ph: (847) 664-2850 <https://ul.org/>

New National Adoption

BSR/UL 61800-5-1-202x, Standard for Safety for Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy (national adoption of IEC 61800-5-1 with modifications and revision of ANSI/UL 61800-5-1-2018)

Recirculation of the following items: (4) Clarification of Clauses DVD.2.1.3.6 and DVD.2.1.3.7.

[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)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 ph: (919) 316-5147 <https://ul.org/>

Revision

BSR/UL 427-202X, Standard for Safety for Refrigerating Units (revision of ANSI/UL 427-2017)

(1) Proposed revision to replace the references to the Standard for Power Conversion Equipment, UL 508C, with reference to the Standard for Adjustable Speed Electric Power Drive Systems, UL 61800-5-1.

[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>

Comment Deadline: August 9, 2020

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 ph: (847) 664-2850 <https://ul.org/>

Revision

BSR/UL 977-202x, Standard for Safety for Fused Power-Circuit Devices (revision of ANSI/UL 977-2012 (R2016))

(1) Barriers to address inadvertent contact on line side of service disconnect.

[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)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 ph: (919) 316-5147 <https://ul.org/>

Revision

BSR/UL 1240-202X, Standard for Safety for Electric Commercial Clothes-Drying Equipment (revision of ANSI/UL 1240-2019)

(1) Proposed revision to replace the references to the Standard for Power Conversion Equipment, UL 508C, with reference to the Standard for Adjustable Speed Electric Power Drive Systems, UL 61800-5-1.

[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)

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

Revision

BSR/UL 1786-202x, Standard for Safety for Direct Plug-In Nightlights (revision of ANSI/UL 1786-2014)

This proposal for UL 1786 covers additional changes to: (1) Added requirements for portable battery-powered nightlights.

[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>

Comment Deadline: August 24, 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 024-202x, Canine Detection of Humans: Location Check Using Pre-Scented Canines (new standard)

This document provides the requirements for pre-scented canine location check search using a canine team to search for and identify a specific person's (target) scent at a given location. This standard promotes consistency across agencies, departments, and organizations utilizing pre-scented canines' location check search and provide the judicial system optimized protocol.

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 <http://www.asbstandardsboard.org/> free of charge.

Send comments (with optional copy to psa@ansi.org) to: asb@aafs.org

Comment Deadline: August 24, 2020

AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201-3001 ph: (703) 293-4887 www.ahrinet.org

Reaffirmation

BSR/AHRI Standard 900 (I-P)-2015 (R202x), Performance Rating of Thermal Storage Equipment Used for Cooling (reaffirmation of ANSI/AHRI Standard 900 (I-P)-2015)

This standard applies to Thermal Storage Equipment used for cooling which may be charged and discharged with any of a variety of heat transfer fluids. The equipment, as further described in Sections 3 and 4, may be fully factory assembled; assembled on-site from factory-supplied components; or field erected in accordance with pre-established design criteria.

Single copy price: Free

Obtain an electronic copy from: kbest@ahrinet.org

Order from: Karl Best, (703) 293-4887, kbest@ahrinet.org

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

AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201-3001 ph: (703) 293-4887 www.ahrinet.org

Reaffirmation

BSR/AHRI Standard 901 (SI)-2015 (R202x), Performance Rating of Thermal Storage Equipment Used for Cooling (reaffirmation of ANSI/AHRI Standard 901 (SI)-2015)

This standard applies to Thermal Storage Equipment used for cooling which may be charged and discharged with any of a variety of heat transfer fluids. The equipment, as further described in Sections 3 and 4, may be fully factory-assembled; assembled on-site from factory-supplied components; or field-erected in accordance with pre-established design criteria.

Single copy price: Free

Obtain an electronic copy from: kbest@ahrinet.org

Order from: Karl Best, (703) 293-4887, kbest@ahrinet.org

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

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, Saint Joseph, MI 49085 ph: (269) 757-1213 <https://www.asabe.org/>

New Standard

BSR/ASABE S627 MONYEAR-202x, Weather-Based Landscape Irrigation Control Systems (new standard)

Standardize a test that can be used to evaluate performance characteristics of irrigation control devices that incorporate the use of sensors or programming technology that responds to real-time environmental conditions to modify irrigation schedules as plant water requirements change based on factors that influence plant growth.

Single copy price: \$48.00 (ASABE members); \$68.00 (non-members)

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh, (269) 757-1213, walsh@asabe.org

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

Comment Deadline: August 24, 2020

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

1791 Tullie Circle NE, Atlanta, GA 30329 ph: (678) 539-2114 www.ashrae.org

Addenda

BSR/ASHRAE Addendum e to BSR/ASHRAE Standard 15-202x, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)

This addendum revises requirements related to refrigerant piping. The proposed requirements address many topics related to design, installation, location, and testing of refrigerant piping. In several cases, there is more than one compliance path to address the varying needs of different refrigerating system applications on vastly different scales (such as building type, occupancy type, and so on). Effort has been made to construct the requirements with format and terminology that is consistent with building codes.

Single copy price: \$35.00

Obtain an electronic copy from: standards.section@ashrae.org

Order from: standards.section@ashrae.org

Send comments (with optional copy to psa@ansi.org) to: <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>

ASTM (ASTM International)

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

New Standard

BSR/ASTM D2665-202x, Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings (new standard)

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

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

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK57078-202x, Specification for MRS-Rated Metric- and Inch-sized Crosslinked Polyethylene (PEX) Pressure Pipe (new standard)

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

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

ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F1275-2014 (R202x), Test Method for Performance of Griddles (reaffirmation of ANSI/ASTM F1275-2014)

https://www.astm.org/ANSI_SA

Single copy price: Free

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Comment Deadline: August 24, 2020

ASTM (ASTM International)

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

Revision

BSR/ASTM D1785-202x, Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120 (revision of ANSI/ASTM D1785-2017)

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 D2241-202x, Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series) (revision of ANSI/ASTM D2241-2017)

https://www.astm.org/ANSI_SA

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

Revision

BSR/ASTM D2467-202x, Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80 (revision of ANSI/ASTM D2467-2017)

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 D2564-202x, Specification for Solvent Cements for Poly(Vinyl Chloride) (PVC) Plastic Piping Systems (revision of ANSI/ASTM D2564-2017 (R2018))

https://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

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Revision

BSR/ASTM D2774-202x, Practice for Underground Installation of Thermoplastic Pressure Piping (revision of ANSI/ASTM D2774-2012)

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 D2855-202x, Practice for the Two-Step (Primer and Solvent Cement) Method of Joining Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Piping Components with Tapered Sockets (revision of ANSI/ASTM D2855-2017)

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 F400-202x, Consumer Safety Specification for Lighters (revision of ANSI/ASTM F400-2019)

https://www.astm.org/ANSI_SA

Single copy price: Free

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

ASTM (ASTM International)

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

Revision

BSR/ASTM F441/F441M-202x, Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80 (revision of ANSI/ASTM F441/F441M-2017)

https://www.astm.org/ANSI_SA

Single copy price: Free

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Comment Deadline: August 24, 2020

ASTM (ASTM International)

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

Revision

BSR/ASTM F442-202x, Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe (SDRPR) (revision of ANSI/ASTM F442-2019)

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 F1041-202x, Guide for Squeeze-Off of Polyolefin Gas Pressure Pipe and Tubing (revision of ANSI/ASTM F1041-2017)

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 F1498-202x, Specification for Taper Pipe Threads 60 for Thermoplastic Pipe and Fittings (revision of ANSI/ASTM F1498-2018)

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 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

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 F2159-202x, Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps for SDR9 Crosslinked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F2159-2019)

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 F2389-202x, Specification for Pressure-Rated Polypropylene (PP) Piping Systems (revision of ANSI/ASTM F2389-2019)

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 F2520-202x, Specification for Reach-in Refrigerators, Freezers, Combination Refrigerator/Freezers, and Thaw Cabinets (revision of ANSI/ASTM F2520-2005 (R2012))

https://www.astm.org/ANSI_SA

Single copy price: Free

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Order from: Laura Klineburger, (610) 832-9744, accreditation@astm.org

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

ASTM (ASTM International)

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

Revision

BSR/ASTM F2735-202x, Specification for Plastic Insert Fittings for SDR9 Cross-Linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F2735-2018)

https://www.astm.org/ANSI_SA

Single copy price: Free

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Comment Deadline: August 24, 2020

ASTM (ASTM International)

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

Revision

BSR/ASTM F2854-202x, Specification for Push-Fit Crosslinked Polyethylene (PEX) Mechanical Fittings for Crosslinked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F2854-2016)

https://www.astm.org/ANSI_SA

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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

Single copy price: Free

Obtain an electronic copy from: lklineburger@astm.org

Order from: Laura Klineburger, (610) 832-9744, accreditation@astm.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 ph: (202) 628-6380 www.atis.org

Stabilized Maintenance

BSR/ATIS 0500019-2010 (S202x), Request for Assistance Interface (RFAI) Specification (stabilized maintenance of ANSI/ATIS 0500019-2010 (R2015))

This ATIS Standard defines the Request For Assistance Interface (RFAI) between the Emergency Services Next Generation Network (ES-NGN) and a Public Safety Answering Point (PSAP). Initially, Requests for Assistance are emergency voice calls and RFAI defines the foundation for supporting future types of Requests for Assistance. The RFAI specification may be used by PSAP CPE vendors and Network Equipment Providers that are implementing IP-based solutions as part of the transition and evolution to the Next Generation 9-1-1 emergency services (NG9-1-1).

Single copy price: \$275.00

Obtain an electronic copy from: dgreco@atis.org

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

AWS (American Welding Society)

8669 Doral Blvd, Suite 130, Doral, FL 33166 ph: (305) 443-9353 www.aws.org

Revision

BSR/AWS D17.3/D17.3M-202x, Specification for Friction Stir Welding of Aluminum Alloys for Aerospace Applications (revision of ANSI/AWS D17.3/D17.3M-2016)

This specification covers the general requirements for the friction stir welding of aluminum alloys for aerospace applications. It includes the requirements for weldment design, qualification of personnel and procedures, fabrication, and inspection.

Single copy price: \$38.00

Obtain an electronic copy from: mdiaz@aws.org

Order from: Mario Diaz, (305) 443-9353, mdiaz@aws.org

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

Comment Deadline: August 24, 2020

AWWA (American Water Works Association)

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

Revision

BSR/AWWA C901-202x, Polyethylene (PE) Pressure Pipe and Tubing, 3/4 In. (19 mm) Through 3 In. (76 mm), for Water Service (revision of ANSI/AWWA C901-2017)

This standard describes polyethylene (PE) pressure pipe and tubing made from material having standard PE code designation PE4710 and intended for use in potable water, reclaimed water, and wastewater service.

Single copy price: Free

Obtain an electronic copy from: ETSupport@awwa.org

Order from: AWWA, Vicki David, vdavid@awwa.org

Send comments (with optional copy to psa@ansi.org) to: AWWA, Paul J. Olson, polson@awwa.org

B11 (B11 Standards, Inc.)

P.O. Box 690905, Houston, TX 77269 ph: (832) 446-6999 <https://www.b11standards.org/>

Revision

BSR B11.13-202x, Safety Requirements for Single-Spindle or Multiple-Spindle Automatic Bar and Chucking Machines (revision of ANSI B11.13-1992 (R2020))

This standard applies to single-spindle and multiple-spindle automatic bar and chucking machines in which all tool movement is controlled by the machine.

Single copy price: \$100.00

Obtain an electronic copy from: cfelinski@b11standards.org

Send comments (with optional copy to psa@ansi.org) to: dfelinski@b11standards.org

B11 (B11 Standards, Inc.)

P.O. Box 690905, Houston, TX 77269 ph: (832) 446-6999 <https://www.b11standards.org/>

Revision

BSR B11.15-202x, Safety Requirements for Pipe, Tube, and Shape Bending Machines (revision of ANSI B11.15-2001 (R2020))

The requirements of this standard apply to any power-driven machine designed for bending pipe, tube, and shapes by means of bending dies, clamp dies, pressure dies, mandrels, wiper dies, vertical bending punches, radius dies, wing dies, and associated tooling.

Single copy price: Free

Obtain an electronic copy from: cfelinski@b11standards.org

Send comments (with optional copy to psa@ansi.org) to: cfelinski@b11standards.org

BHMA (Builders Hardware Manufacturers Association)

355 Lexington Avenue, 15th Floor, New York, NY 10017-6603 ph: (513) 600-2871 www.buildershardware.com

New Standard

BSR/BHMA A156.35-202x, Standard for Power Supplies for Electronic Access Control (new standard)

This Standard establishes requirements for power supplies specifically designed for use with electronic access control hardware and related electrical components to distribute power. Products are required to meet minimum performance criteria and given an energy efficiency rating. These basic criteria will enable a customer to make an informed decision to best fit their needs and ensure compatibility with the physical Electronic Access Control system. This second notice includes clarifying language as well as added definitions and product grades.

Single copy price: \$36.00 (non-members); \$18.00 (BHMA members)

Obtain an electronic copy from: Kbishop@Kellencompany.com

Order from: Karen Bishop, (513) 600-2871, Kbishop@Kellencompany.com

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

Comment Deadline: August 24, 2020

BHMA (Builders Hardware Manufacturers Association)

355 Lexington Avenue, 15th Floor, New York, NY 10017-6603 ph: (513) 600-2871 www.buildershardware.com

Revision

BSR/BHMA A156.37-202x, Standard for Multipoint Locks (revision of ANSI/BHMA A156.37-2014)

This Standard establishes performance requirements for Multipoint Locks and includes operational tests, cycle tests, strength tests, security tests, and finish tests.

Single copy price: \$36.00 (non-members); \$18.00 (BHMA members)

Obtain an electronic copy from: Kbishop@Kellencompany.com

Order from: Karen Bishop, (513) 600-2871, Kbishop@Kellencompany.com

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

BHMA (Builders Hardware Manufacturers Association)

17 Faulkner Drive, Niantic, CT 06357 ph: (860) 944-4264 www.buildershardware.com

Revision

BSR/BHMA A156.41-202x, Standard for Door Hardware Single Motion to Egress (revision of ANSI/BHMA A156.41-2017)

This standard describes requirements for doors and door hardware to comply with Code Requirements for single operation egress.

Single copy price: \$36.00 (non-members); \$18.00 (BHMA members)

Obtain an electronic copy from: mptierney@snet.net

Order from: Michael Tierney, (860) 944-4264, mtierney@kellencompany.com

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

FM (FM Approvals)

1151 Boston-Providence Turnpike, Norwood, MA 02062 ph: (781) 255-4813 www.fmglobal.com

New Standard

BSR/FM 4411-202x, Cavity Wall Systems (new standard)

This standard reflect tests and practices used to examine characteristics of cavity wall systems that contain an air gap and other components that are used to minimize heat loss in colder climates and solar gain in warmer climates. The tests measure vertical flame spread in the cavity and on the exterior surface, wind pressure ratings, corrosion resistance, and hail resistance.

Single copy price: Free

Obtain an electronic copy from: josephine.mahnken@fmapprovals.com

Order from: Josephine Mahnken, (781) 255-4813, josephine.mahnken@fmapprovals.com

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

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 1023-202x, Performance Requirements for Electrically Heated or Cooled Water Dispensers (revision of ANSI/ASSE 1023-2019)

Device shall consist of an accumulator vented to atmosphere when a heater is included, a thermal element or cooler, connection to an electrical outlet, and a dispensing fitting.

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

Comment Deadline: August 24, 2020

IIAR (International Institute of Ammonia Refrigeration)

1001 North Fairfax Street, Alexandria, VA 22314 ph: (703) 312-4200 www.iiar.org

Revision

BSR/IIAR 4-202X, Installation of Closed-Circuit Ammonia Refrigeration Systems (revision of ANSI/IIAR 4-2015)

This standard specifies the minimum requirements for the installation of safe closed-circuit ammonia refrigeration systems.

Single copy price: Free until public review period is over

Obtain an electronic copy from: TONY_LUNDELL@IIAR.ORG

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

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

IIAR (International Institute of Ammonia Refrigeration)

1001 North Fairfax Street, Alexandria, VA 22314 ph: (703) 312-4200 www.iiar.org

Revision

BSR/IIAR 8-202X, Decommissioning of Closed-Circuit Ammonia Refrigeration Systems (revision of ANSI/IIAR 8-2015)

This standard specifies minimum criteria for the safe decommissioning of closed-circuit ammonia refrigeration systems.

Single copy price: Free until public review period is over

Obtain an electronic copy from: TONY_LUNDELL@IIAR.ORG

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

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

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 ph: (800) 542-5040 www.scte.org

Revision

BSR/SCTE 130-1-202x, Digital Program Insertion - Advertising Systems Interfaces - Part 1: Advertising Systems Overview (revision of ANSI/SCTE 130-1-2013)

This document presents concepts applicable to all other SCTE 130 parts, leaving most of the normative details to the individual documents.

Single copy price: \$50.00

Obtain an electronic copy from: admin@standards.scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 ph: (800) 542-5040 www.scte.org

Revision

BSR/SCTE 130-6-202x, Digital Program Insertion - Advertising Systems Interfaces - Part 6: Subscriber Information Service (SIS) (revision of ANSI/SCTE 130-6-2013)

This document, SCTE 130 Part 6, describes the Digital Program Insertion Advertising Systems Interfaces' SIS (Subscriber Information Service) messaging and data-type specification using XML, XML Namespaces, and XML Schema.

Single copy price: \$50.00

Obtain an electronic copy from: admin@standards.scte.org

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

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

Comment Deadline: August 24, 2020

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 ph: (800) 542-5040 www.scte.org

Revision

BSR/SCTE 130-8-202x, Digital Program Insertion - Advertising Systems Interfaces - Part 8: General Information Service (GIS) (revision of ANSI/SCTE 130-8-2013)

This document, SCTE 130 Part 8, describes the Digital Program Insertion Advertising Systems Interfaces' General Information Service (GIS) messaging and data type specification using XML, XML Namespaces, and XML Schema.

Single copy price: \$50.00

Obtain an electronic copy from: admin@standards.scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 ph: (800) 542-5040 www.scte.org

Revision

BSR/SCTE 130-9-202x, Recommended Practices for SCTE 130, Digital Program Insertion - Advertising Systems Interfaces (revision of ANSI/SCTE 130-9-2014)

The goal of this recommended practices document is to serve as an informational enhancement to SCTE 130, Digital Program Insertion - Advertising Systems Interfaces. SCTE 130 is necessarily brief in many areas in order to maintain conciseness and accuracy. This document serves as a companion to SCTE 130.

Single copy price: \$50.00

Obtain an electronic copy from: admin@standards.scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 ph: (800) 542-5040 www.scte.org

Revision

BSR/SCTE 130-10-202x, Digital Program Insertion - Advertising Systems Interfaces - Part 10: Stream Restriction Data Model (SRDM) (revision of ANSI/SCTE 130-10-2013)

This document in conjunction with the SCTE 130 Part 10, Extensible Markup Language (XML) schema document (i.e., the XSD document) defines the XML data model expressing stream restrictions.

Single copy price: \$50.00

Obtain an electronic copy from: admin@standards.scte.org

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

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

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201 ph: (703) 907-7706 www.tiaonline.org

New National Adoption

BSR/TIA 455-62-C-202x, IEC-60793-1-47: Optical Fibres - Part 1-47: Measurement Methods and Test Procedures - Macrobending Loss (identical national adoption of IEC-60793-1-47)

Update current adoptions with re-adoptions of more recent IEC versions.

Single copy price: \$101.00

Obtain an electronic copy from: Standards@tiaonline.org

Order from: TIA, Standards@tiaonline.org

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

Comment Deadline: August 24, 2020

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201 ph: (703) 907-7706 www.tiaonline.org

New National Adoption

BSR/TIA 455-67-B-202x, IEC-60793-1-51: Optical Fibres - Part 1-51: Measurement Methods and Test Procedures - Dry Heat (identical national adoption of IEC-60793-1-51)

Update current adoptions with re-adoptions of more recent IEC versions.

Single copy price: \$61.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA, Standards@tiaonline.org

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

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201 ph: (703) 907-7706 www.tiaonline.org

New National Adoption

BSR/TIA 455-74-B-202x, IEC-60793-1-53: Optical Fibres - Part 1-53: Measurement Methods and Test Procedures - Water Immersion (identical national adoption of IEC-60793-1-53)

Update current adoptions with re-adoptions of more recent IEC versions.

Single copy price: \$61.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA, Standards@tiaonline.org

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

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201 ph: (703) 907-7706 www.tiaonline.org

New National Adoption

BSR/TIA 455-78-C-202x, IEC 60793-1-40: Optical Fibres - Part 1-40: Measurement Methods and Test Procedures - Attenuation (identical national adoption of IEC 60793-1-40)

This part of IEC 60793 establishes uniform requirements for measuring the attenuation of optical fibre, thereby assisting in the inspection of fibres and cables for commercial purposes. Four methods are described for measuring attenuation, one of which being that for modelling spectral attenuation:

- Method A: cut-back;
- Method B: insertion loss;
- Method C: backscattering; and
- Method D: modelling spectral attenuation.

Single copy price: \$99.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA, Standards@tiaonline.org

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

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201 ph: (703) 907-7706 www.tiaonline.org

New National Adoption

BSR/TIA 455-80-D-202x, FOTP-80 IEC-60793-1-44: Measurement Methods and Test Procedures - Cut-Off Wavelength (identical national adoption of IEC-60793-1-44)

This part of IEC 60793 establishes uniform requirements for measuring the cut-off wavelength of single-mode optical fibre, thereby assisting in the inspection of fibres and cables for commercial purposes. This standard provides methods for measuring the cut-off wavelength of cable, fibre, and jumper cable.

Single copy price: \$79.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA, Standards@tiaonline.org

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

Comment Deadline: August 24, 2020

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201 ph: (703) 907-7706 www.tiaonline.org

New National Adoption

BSR/TIA 455-160-B-202x, IEC-60793-1-50: Optical Fibres - Part 1-50: Measurement Methods and Test Procedures - Damp Heat (Steady State) (identical national adoption of IEC-60793-1-50)

Update current adoptions with re-adoptions of more recent IEC versions.

Single copy price: \$64.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA, Standards@tiaonline.org

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

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201 ph: (703) 907-7706 www.tiaonline.org

New National Adoption

BSR/TIA 455-175-C-202x, IEC-60793-1-42: Optical Fibres - Part 1-42: Measurement Methods and Test Procedures - Chromatic Dispersion (identical national adoption of IEC-60793-1-42)

Update current adoptions with re-adoptions of more recent IEC versions.

Single copy price: \$95.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA, Standards@tiaonline.org

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

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201 ph: (703) 907-7706 www.tiaonline.org

New National Adoption

BSR/TIA 455-176-B-202x, IEC-60793-1-20: Optical Fibres - Part 1-20: Measurement Methods and Test Procedures - Fibre Geometry (identical national adoption of IEC-60793-1-20)

Update current adoptions with re-adoptions of more recent IEC versions.

Single copy price: \$103.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA, Standards@tiaonline.org

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

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201 ph: (703) 907-7706 www.tiaonline.org

New National Adoption

BSR/TIA 455-177-C-202x, IEC-60793-1-43: Optical Fibres - Part 1-43: Measurement Methods and Test Procedures - Numerical Aperture (identical national adoption of IEC-60793-1-43)

Update current adoptions with re-adoptions of more recent IEC versions.

Single copy price: \$77.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA, Standards@tiaonline.org

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

Comment Deadline: August 24, 2020

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201 ph: (703) 907-7706 www.tiaonline.org

New National Adoption

BSR/TIA 455-178-C-202x, FOTP-178 IEC 60793-1-32: Optical Fibres - Part 1-32: Measurement Methods and Test Procedures - Coating Strippability (identical national adoption of IEC 60793-1-32)

This part of IEC 60793 is intended primarily for testing either fibres as produced by a fibre manufacturer or subsequently overcoated (tight buffered) using various polymers. The test can be performed either on fibres as produced or after exposure to various environments. The object of this standard is to establish uniform requirements for the mechanical characteristic - coating strippability. This test quantifies the force required to mechanically remove the protective coating from optical fibres along their longitudinal axis.

Single copy price: \$64.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA, Standards@tiaonline.org

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

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201 ph: (703) 907-7706 www.tiaonline.org

New Standard

BSR/TIA 568.5-202x, Single balanced twisted-pair cabling and components standard (new standard)

A single balanced twisted-pair cabling and components standard to provide specifications for cables, connectors, cords, links and channels using 1-pair connectivity in non-industrial premises telecommunications networks. The standard will focus on MICE1 environments and will include cabling and component performance requirements and test procedures, reliability requirements and test procedures, as well as guidelines for adaptations to four-pair cabling.

Single copy price: \$133.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA, Standards@tiaonline.org

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) 549-1392 <https://ul.org/>

Reaffirmation

BSR/UL 1053-2011 (R202x), Standard for Safety for Ground-Fault Sensing and Relaying Equipment (reaffirmation of ANSI/UL 1053 -2011 (R2015))

This proposal for UL 1053 covers: Reaffirmation and continuance of the seventh edition of the Standard for Ground-Fault Sensing and Relaying Equipment, UL 1053, 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)

47173 Benicia Street, Fremont, CA 94538 ph: (510) 319-4259 <https://ul.org/>

Revision

BSR/UL 296-202x, Standard for Safety for Oil Burners (revision of ANSI/UL 296-2017)

The following topic is being recirculated: (1) Addition of requirements for burners utilizing biodiesel blends.

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>

Comment Deadline: August 24, 2020

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 ph: (847) 664-2850 <https://ul.org/>

Revision

BSR/UL 508A-202x, Standard for Safety for Industrial Control Panels (revision of ANSI/UL 508A-2020)

The following changes in requirements to the Standard for Industrial Control Panels, UL 508A, are being proposed: (1) Exception for Enclosure Air Conditioners – Clause 26.3.1; (2) Table 52.1 Marking Locations; (3) Emergency Stop Button Legend Plate; (4) Ampacities of Control Circuit Conductors; (5) Addition of Limits for 225A Class CF Fuses; (6) Typo in UL 508A, Clause 30.3.6, Exception Number 3; (7) Clarifications of Locked-rotor Currents; (8) Current Limiting Reactor (CLR); (9) Enclosure Derating Table – Section 19; (10) Equipment Covered by the Standard for Controllers for Use in Power Production, UL/ULC 6200; (11) Field Wiring – Back-fed Circuit Breaker; (12) Field Wiring – Cable Lugs; (13) Low-Voltage Fuses – Part 10: Class L Fuses; (14) Low-Voltage Limited Energy Circuits in Power Circuits; (15) Spacings at Field Wiring Terminals at the Supply Side of Industrial Control Panels; (16) Clarification for Self-Protected Combination Motor Controllers or Manual Self-Protected Combination Motor Controllers Used as Branch Circuit Protection for Motor Circuits Only; (17) Replacement of Reference to UL 508C with UL 61800-5-1.

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>

Comment Deadline: September 8, 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 HST-6-202x, Performance Standard for Air Wire Rope Hoists (revision of ANSI/ASME HST-6-2015)

(a) This Standard establishes performance requirements for air wire rope hoists for vertical lifting service involving material handling of freely suspended (unguided) loads using wire rope as the lifting medium with one of the following types of suspension: (1) lug; (2) hook or clevis; (3) trolley; (4) base- or deck-mounted (does not include winches of the type covered by ASME B30.7); (5) wall- or ceiling-mounted (does not include winches of the type covered by ASME B30.7); (b) This Standard is applicable to hoists manufactured after the date on which this Standard is issued. It is not applicable to the following: (1) damaged or malfunctioning hoists; (2) hoists that have been misused or abused; (3) hoists that have been altered without authorization of the manufacturer or a qualified person; (4) hoists used for lifting or supporting people; (5) hoists used for the purpose of drawing both the load and the hoist up or down the hoist's own wire rope; (6) hoists used for marine and other applications as required by the U.S. Department of Defense (DOD); (c) The requirements of this Standard shall be applied together with the requirements of ASME B30.16. Please also refer to ASME B30.16 for requirements pertaining to marking, construction, and installation; inspection, testing, and maintenance; and operations.

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: Justin Cassamassino: (212) 591-8404; cassasmassinoj@asme.org

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

700 K Street NW, Suite 600, Washington, DC 20001 ph: (202) 737-8888 www.incits.org

New National Adoption

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

INCITS/ISO/IEC 11770-4:2017/AM 1:2019 [202x], Information technology - Security techniques - Key management - Part 4: Mechanisms based on weak secrets - Amendment 1: Unbalanced Password-Authenticated Key Agreement with Identity-Based Cryptosystems (UPAKA-IBC) (identical national adoption of ISO/IEC 11770-4:2017/AM 1:2019)

Amendment 1 to ISO/IEC 11770-4:2017.

Single copy price: \$19.00

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

Order from: ANSI

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

Comment Deadline: September 8, 2020

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

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New National Adoption

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

INCITS/ISO/IEC 18033-6:2019 [202x], IT Security techniques - Encryption algorithms - Part 6: Homomorphic encryption (identical national adoption of ISO/IEC 18033-6:2019)

Specifies the following mechanisms for homomorphic encryption. Exponential ElGamal encryption; Paillier encryption. For each mechanism, this document specifies the process for: generating parameters and the keys of the involved entities; encrypting data; decrypting encrypted data; and homomorphically operating on encrypted data. Annex A defines the object identifiers assigned to the mechanisms specified in this document. Annex B provides numerical examples.

Single copy price: \$130.00

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

Order from: ANSI

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

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

700 K Street NW, Suite 600, Washington, DC 20001 ph: (202) 737-8888 www.incits.org

New National Adoption

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

INCITS/ISO/IEC 19086-4:2019 [202x], Cloud computing - Service level agreement (SLA) framework - Part 4: Components of security and of protection of PII (identical national adoption of ISO/IEC 19086-4:2019)

Specifies security and protection of personally identifiable information components, SLOs and SQOs for cloud service level agreements (cloud SLA) including requirements and guidance. This document is for the benefit and use of both CSPs and CSCs.

Single copy price: \$138.00

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

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

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New National Adoption

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

INCITS/ISO/IEC 29192-6:2019 [202x], Information technology - Lightweight cryptography - Part 6: Message authentication codes (MACs) (identical national adoption of ISO/IEC 29192-6:2019)

Specifies MAC algorithms suitable for applications requiring lightweight cryptographic mechanisms. These mechanisms can be used as data integrity mechanisms to verify that data has not been altered in an unauthorized manner. They can also be used as message authentication mechanisms to provide assurance that a message has been originated by an entity in possession of the secret key. The following MAC algorithms are specified in this document: (a) LightMAC; (b) Tsudik's keymode; and (c) Chaskey-12.

Single copy price: \$19.00

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

Order from: ANSI

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

Comment Deadline: September 8, 2020

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700 K Street NW, Suite 600, Washington, DC 20001 ph: (202) 737-8888 www.incits.org

New National Adoption

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

INCITS/ISO/IEC 29192-7:2019 [202x], Information security - Lightweight cryptography - Part 7: Broadcast authentication protocols (identical national adoption of ISO/IEC 29192-7:2019)

Specifies broadcast authentication protocols, which are protocols that provide data integrity and entity authentication in a broadcast setting, i.e., a setting with one sender transmitting messages to many receivers. To provide entity authentication, there needs to be a pre-existing infrastructure which links the sender to a cryptographic secret. The establishment of such an infrastructure is beyond the scope of this document.

Single copy price: \$68.00

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

Order from: ANSI

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

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

700 K Street NW, Suite 600, Washington, DC 20001 ph: (202) 737-8888 www.incits.org

New National Adoption

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

INCITS/ISO/IEC 27019:2017 [202x], Information technology - Security techniques - Information security controls for the energy utility industry (identical national adoption of ISO/IEC 27019:2017)

Provides guidance based on ISO/IEC 27002:2013 applied to process control systems used by the energy utility industry for controlling and monitoring the production or generation, transmission, storage, and distribution of electric power, gas, oil, and heat, and for the control of associated supporting processes.

Single copy price: \$162.00

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

Order from: ANSI

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

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

700 K Street NW, Suite 600, Washington, DC 20001 ph: (202) 737-8888 www.incits.org

New National Adoption

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

INCITS/ISO/IEC 27102:2019 [202x], Information security management - Guidelines for cyber-insurance (identical national adoption of ISO/IEC 27102:2019)

Provides guidelines when considering purchasing cyber-insurance as a risk treatment option to manage the impact of a cyber-incident within the organization's information security risk management framework.

Single copy price: \$103.00

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

Order from: ANSI

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

Comment Deadline: September 8, 2020

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

700 K Street NW, Suite 600, Washington, DC 20001 ph: (202) 737-8888 www.incits.org

New Standard

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

INCITS 555-202x, Information technology - SCSI Enclosure Services - 4 (SES-4) (new standard)

This standard is the next generation of the current SCSI Enclosure Services. It follows SES, SES-2, and SES-3. The following items should be considered for inclusion in SCSI Enclosure Services - 4: new capabilities for support of enclosure elements using new storage protocols; corrections and clarifications; and other capabilities that may fit within the scope of this project.

Single copy price: Free

Obtain an electronic copy from: https://standards.incits.org/apps/group_public/document.php?document_id=120324&wg_abbrev=eb

Order from: https://standards.incits.org/apps/group_public/document.php?document_id=120324&wg_abbrev=eb

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

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

700 K Street NW, Suite 600, Washington, DC 20001 ph: (202) 737-8888 www.incits.org

New Standard

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

INCITS 559-202x, Information technology - Fibre Channel - Physical Interfaces - 7P (FC-PI-7P) (new standard)

The project involves a compatible evolution of the present Fibre Channel physical layer. Such evolutionary improvements may include, increase in the data rate of optical and electrical links in Backplanes, Horizontal and vertical wiring, Inter- and intra-building connections and Server room channels. It is desirable to enable the reuse of legacy optical and electrical cable plants.

Single copy price: Free

Obtain an electronic copy from: https://standards.incits.org/apps/group_public/document.php?document_id=120249&wg_abbrev=eb

Order from: https://standards.incits.org/apps/group_public/document.php?document_id=120249&wg_abbrev=eb

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

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 ph: (847) 664-3038 <https://ul.org/>

New National Adoption

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

BSR/UL 60730-2-7-202X, Standard for Automatic Electrical Controls for Household and Similar Use - Part 2: Particular Requirements for Timers and Time Switches (identical national adoption of IEC 60730-2-7 and revision of ANSI/UL 60730-2-7 -2014)

The IEC published the third edition of IEC 60730-2-7 in March 2015. Therefore, UL is proposing a new edition of UL 60730-2-7.

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>

Comment Deadline: September 8, 2020

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 ph: (847) 664-1725 <https://ul.org/>

New Standard

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

BSR/UL 5800-202x, Standard for Safety for Battery Fire Containment Products (new standard)

This proposal for UL 5800 covers: (1) The first edition of the Standard for Safety for Battery Fire Containment Products, UL 5800, including applicable requirements for Canada. The Standard provides fire-test and performance criteria to evaluate fire-containment products intended for a battery-powered portable electronic device (PED). These fire containment products are intended to be used in inhabited aircraft compartments.

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 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.

B11 (B11 Standards, Inc.)

PO Box 690905, Houston, TX 77269-0905 ph: (832) 446-6999 <https://www.b11standards.org/>

ANSI B11.11-2001 (R2012), Safety Requirements for Gear and Spline Cutting Machines

Questions may be directed to: David Felinski: (832) 446-6999; dfelinski@b11standards.org

NEMA (ASC C12) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 ph: (703) 477-9997 www.nema.org

ANSI C12.4-1984 (R2011), Registers, Mechanical Demand

Questions may be directed to: Paul Orr: (703) 477-9997; orrpaul@aol.com

NEMA (ASC C12) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 ph: (703) 477-9997 www.nema.org

ANSI C12.5-1978 (R2011), Meters, Thermal Demand

Questions may be directed to: Paul Orr: (703) 477-9997; orrpaul@aol.com

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.

AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

Contact: Karl Best

2311 Wilson Boulevard, Suite 400

Arlington, VA 22201-3001

p: (703) 293-4887

e: kbest@ahrinet.org

BSR/AHRI Standard 710 (I-P)-202x, Performance Rating of Liquid-Line Driers (revision of ANSI/AHRI Standard 710 (I-P)-2010)

BSR/AHRI Standard 711 (SI)-202x, Performance Rating of Liquid-Line Driers (revision of ANSI/AHRI Standard 711 (SI)-2010)

BSR/AHRI Standard 715 (I-P)-202x, Performance Rating of Liquid-Line Filters (revision of ANSI/AHRI Standard 715 (I-P)-2015)

BSR/AHRI Standard 716 (SI)-202x, Performance Rating of Liquid-Line Filters (revision of ANSI/AHRI Standard 716 (SI)-2015)

BSR/AHRI Standard 760 (I-P)-202x, Performance Rating of Solenoid Valves for Use with Volatile Refrigerants (revision of ANSI/AHRI Standard 760 (I-P)-2014)

BSR/AHRI Standard 761 (SI)-202x, Performance Rating of Solenoid Valves for Use with Volatile Refrigerants (revision of ANSI/AHRI Standard 761 (SI)-2014)

BSR/AHRI Standard 770 (I-P)-202x, Performance Rating of Refrigerant Pressure Regulating Valves (revision of ANSI/AHRI Standard 770 (I-P)-2014)

BSR/AHRI Standard 771 (SI)-202x, Performance Rating of Refrigerant Pressure Regulating Valves (revision of ANSI/AHRI Standard 771 (SI)-2014)

BSR/AHRI Standard 900 (I-P)-2015 (R202x), Performance Rating of Thermal Storage Equipment Used for Cooling (reaffirmation of ANSI/AHRI Standard 900 (I-P)-2015)

BSR/AHRI Standard 901 (SI)-2015 (R202x), Performance Rating of Thermal Storage Equipment Used for Cooling (reaffirmation of ANSI/AHRI Standard 901 (SI)-2015)

BSR/AHRI Standard 1200 (I-P)-202x, Performance Rating of Commercial Refrigerated Display Merchandisers and Storage Cabinets (revision of ANSI/AHRI Standard 1200 (I-P)-2013)

BSR/AHRI Standard 1201 (SI)-202x, Performance Rating of Commercial Refrigerated Display Merchandisers and Storage Cabinets (revision of ANSI/AHRI Standard 1201 (SI)-2013)

BSR/AHRI Standard 1251 (SI)-202x, Performance Rating of Walk-In Coolers and Freezers (revision of ANSI/AHRI Standard 1251 (SI)-2014)

BHMA (Builders Hardware Manufacturers Association)

Contact: Karen Bishop

355 Lexington Avenue, 15th Floor

New York, NY 10017-6603

p: (513) 600-2871

e: Kbishop@Kellencompany.com

BSR/BHMA A156.35-202x, Standard for Power Supplies for Electronic Access Control (new standard)

BSR/BHMA A156.37-202x, Standard for Multipoint Locks (revision of ANSI/BHMA A156.37-2014)

Contact: Michael Tierney

17 Faulkner Drive

Niantic, CT 06357

p: (860) 944-4264

e: mtierney@kellencompany.com

BSR/BHMA A156.41-202x, Standard for Door Hardware Single Motion to Egress (revision of ANSI/BHMA A156.41-2017)

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.

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

Contact: Barbara Bennett
700 K Street NW, Suite 600
Washington, DC 20001
p: (202) 737-8888
e: comments@standards.incits.org

INCITS 555-202x, Information technology - SCSI Enclosure Services - 4 (SES-4) (new standard)

Contact: Lynn Barra
700 K Street NW, Suite 600
Washington, DC 20001
p: (202) 737-8888
e: comments@standards.incits.org

INCITS/ISO/IEC 11770-4:2017/AM 1:2019 [202x], Information technology - Security techniques - Key management - Part 4: Mechanisms based on weak secrets - Amendment 1: Unbalanced Password-Authenticated Key Agreement with Identity-Based Cryptosystems (UPAKA-IBC) (identical national adoption of ISO/IEC 11770-4:2017/AM 1:2019)

INCITS/ISO/IEC 18033-6:2019 [202x], IT Security techniques - Encryption algorithms - Part 6: Homomorphic encryption (identical national adoption of ISO/IEC 18033-6:2019)

INCITS/ISO/IEC 19086-4:2019 [202x], Cloud computing - Service level agreement (SLA) framework - Part 4: Components of security and of protection of PII (identical national adoption of ISO/IEC 19086-4:2019)

INCITS/ISO/IEC 29192-6:2019 [202x], Information technology - Lightweight cryptography - Part 6: Message authentication codes (MACs) (identical national adoption of ISO/IEC 29192-6:2019)

INCITS/ISO/IEC 29192-7:2019 [202x], Information security - Lightweight cryptography - Part 7: Broadcast authentication protocols (identical national adoption of ISO/IEC 29192-7:2019)

INCITS/ISO/IEC 27019:2017 [202x], Information technology - Security techniques - Information security controls for the energy utility industry (identical national adoption of ISO/IEC 27019:2017)

INCITS/ISO/IEC 27102:2019 [202x], Information security management - Guidelines for cyber-insurance (identical national adoption of ISO/IEC 27102:2019)

Contact: Rachel Porter
700 K Street NW, Suite 600
Washington, DC 20001
p: (202) 737-8888
e: comments@standards.incits.org

INCITS 559-202x, Information technology - Fibre Channel - Physical Interfaces - 7P (FC-PI-7P) (new standard)

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 350-202x (i33r3), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)

BSR/NSF 350-202x (i51r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)

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

BSR/NSF 330-202x (i11r1), Glossary of Drinking Water Treatment Units Terminology (revision of ANSI/NSF 330-2019)

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.

TIA (Telecommunications Industry Association)

Contact: Teesha Jenkins

1320 North Courthouse Road, Suite 200

Arlington, VA 22201

p: (703) 907-7706

e: standards@tiaonline.org

BSR/TIA 455-62-C-202x, IEC-60793-1-47: Optical Fibres - Part 1
-47: Measurement Methods and Test Procedures -
Macrobending Loss (identical national adoption of IEC-60793
-1-47)

BSR/TIA 455-67-B-202x, IEC-60793-1-51: Optical Fibres - Part 1
-51: Measurement Methods and Test Procedures - Dry Heat
(identical national adoption of IEC-60793-1-51)

BSR/TIA 455-74-B-202x, IEC-60793-1-53: Optical Fibres - Part 1
-53: Measurement Methods and Test Procedures - Water
Immersion (identical national adoption of IEC-60793-1-53)

BSR/TIA 455-78-C-202x, IEC 60793-1-40: Optical Fibres - Part 1
-40: Measurement Methods and Test Procedures -
Attenuation (identical national adoption of IEC 60793-1-40)

BSR/TIA 455-80-D-202x, FOTP-80 IEC-60793-1-44: Measurement
Methods and Test Procedures - Cut-Off Wavelength (identical
national adoption of IEC-60793-1-44)

BSR/TIA 455-160-B-202x, IEC-60793-1-50: Optical Fibres - Part 1
-50: Measurement Methods and Test Procedures - Damp Heat
(Steady State) (identical national adoption of IEC-60793-1-50)

BSR/TIA 455-175-C-202x, IEC-60793-1-42: Optical Fibres - Part 1
-42: Measurement Methods and Test Procedures - Chromatic
Dispersion (identical national adoption of IEC-60793-1-42)

BSR/TIA 455-176-B-202x, IEC-60793-1-20: Optical Fibres - Part 1
-20: Measurement Methods and Test Procedures - Fibre
Geometry (identical national adoption of IEC-60793-1-20)

BSR/TIA 455-177-C-202x, IEC-60793-1-43: Optical Fibres - Part 1
-43: Measurement Methods and Test Procedures - Numerical
Aperture (identical national adoption of IEC-60793-1-43)

BSR/TIA 455-178-C-202x, FOTP-178 IEC 60793-1-32: Optical
Fibres - Part 1-32: Measurement Methods and Test
Procedures - Coating Strippability (identical national adoption
of IEC 60793-1-32)

BSR/TIA 568.5-202x, Single balanced twisted-pair cabling and
components standard (new standard)

UL (Underwriters Laboratories)

Contact: Jennifer Fields

12 Laboratory Drive

Research Triangle Park, NC 27709-3995

p: (919) 549-1007

e: jennifer.fields@ul.org

BSR/UL 4700-202X, Standard for Safety for LiDAR and LiDAR
Systems (new standard)

Call for Members (ANS Consensus Bodies)

Call for Members

Accredited Standards Committee X9

Expanded Scope for the X9C Corporate Banking Committee

Response Deadline: July 17, 2020

The Accredited Standards Committee X9 has expanded the scope of its X9C Corporate Banking Committee to include faster/real-time payments. The committee will track all faster payments activity in the financial industry and is X9's point of contact for industry standards related to faster/real-time payments. ASC X9 is seeking subject matter experts and those interested in this area. The committee will be having their next meeting on July 21st. If you are interested in participating, **please contact ASC X9 at admin@x9.org by July 17, 2020** so that you may have an opportunity to participate in this meeting. ASC X9 develops American National Standards for the U.S. financial services industry as well as international standards.

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.

AAFS (American Academy of Forensic Sciences)

New Standard

ANSI/ASB BPR 089-2020, Best Practice Recommendation for Facial Approximation in Forensic Anthropology (new standard): 6/30/2020

AAMI (Association for the Advancement of Medical Instrumentation)

Addenda

ANSI/AAMI/IEC 62366-1, Amendment 1-2020, Medical devices - Part 1: Application of usability engineering to medical devices - Amendment 1 (addenda to ANSI/AAMI/IEC 62366-1-2015): 7/7/2020

ABYC (American Boat and Yacht Council)

New Standard

ANSI/ABYC H-23-2020, Water Systems on Boats (new standard): 7/6/2020

ANSI/ABYC P-28-2020, Electric/Electronic Control Systems for Propulsion and Steering (new standard): 6/30/2020

ANSI/ABYC S-33-2020, On-Water Engine Emissions Testing (new standard): 6/30/2020

Revision

ANSI/ABYC A-14-2020, Gasoline and Propane Gas Detection Systems (revision of ANSI/ABYC A-14-2015): 6/30/2020

ANSI/ABYC A-23-2020, Sound Signal Appliances (revision of ANSI/ABYC A-23-2018): 6/30/2020

ANSI/ABYC A-24-2020, Installation of Carbon Monoxide Detectors and Alarms (revision of ANSI/ABYC A-24-2015): 7/6/2020

ANSI/ABYC A-31-2020, Battery Chargers and Inverters (revision of ANSI/ABYC A-31-2015): 6/30/2020

ANSI/ABYC A-33-2020, Emergency Engine/Propulsion Cut-Off Devices (revision of ANSI/ABYC A-33-2018): 6/30/2020

ANSI/ABYC H-4-2020, Cockpit Drainage Systems (revision of ANSI/ABYC H-4-2015): 6/30/2020

ANSI/ABYC H-22-2020, Electric Bilge Pump Systems (revision of ANSI/ABYC H-22-2011): 6/30/2020

ANSI/ABYC H-31-2020, Seat Structures (revision of ANSI/ABYC H-31-2017): 6/30/2020

ANSI/ABYC P-14-2020, Mechanical Propulsion Control Systems (revision of ANSI/ABYC P-14-2016): 6/30/2020

ANSI/ABYC S-7-2020, Boat Capacity Labels (revision of ANSI/ABYC S-7-2015): 6/30/2020

ALI (ASC A14) (American Ladder Institute)

Revision

ANSI A14.8-2020, Safety Requirements for Ladder Accessories (revision of ANSI A14.8-2013): 7/6/2020

ASABE (American Society of Agricultural and Biological Engineers)

Reaffirmation

ANSI/ASABE/ISO 14269-3-SEP2006 (R2020), Tractors and self-propelled machines for agriculture and forestry - Operator enclosure environment - Part 3: Determination of effect of solar heating (reaffirm a national adoption ANSI/ASABE/ISO 14269-3-SEP2006 (R2017)): 7/7/2020

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

Addenda

ANSI/ASHRAE Addendum 62.1b-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019): 6/30/2020

ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016): 6/30/2020

ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 185.2-2014, Method of Testing Ultraviolet Lamps for Use in HVAC&R Units or Air Ducts to Inactivate Microorganisms on Irradiated Surfaces (addenda to ANSI/ASHRAE Standard 185.2-2014): 6/30/2020

ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016): 6/30/2020

ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 185.1-2015, Method of Testing UV-C Lights for Use in Air-Handling Units or Air Ducts to Inactivate Airborne Microorganisms (addenda to ANSI/ASHRAE Standard 185.1-2015): 6/30/2020

ANSI/ASHRAE Addendum c to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016): 6/30/2020

ANSI/ASHRAE Addendum d to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016): 6/30/2020

ANSI/ASHRAE Addendum f to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016): 6/30/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum ap to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017): 7/6/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum ar to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017): 7/6/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum as to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017): 7/6/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum at to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017): 7/6/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum au to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017): 7/6/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum av to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017): 7/6/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum ay to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017): 7/6/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum az to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017): 7/6/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum ba to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017): 7/6/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum bd to
ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017): 7/6/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum bh to
ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017): 7/6/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum bk to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017): 7/6/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum bl to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017): 7/6/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum bp to
ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017): 7/6/2020

ANSI/ASHRAE/IES Addendum 90.1af-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016): 6/30/2020

ANSI/ASHRAE/IES Addendum 90.1bc-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016): 6/30/2020

ANSI/ASHRAE/IES Addendum a to ANSI/ASHRAE/IES Standard 202-2018, Commissioning Process for Buildings and Systems (addenda to ANSI/ASHRAE/IES Standard 202-2013): 6/30/2020

ANSI/ASHRAE/IES Addendum cd to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016): 6/30/2020

ANSI/ASHRAE/IES Addendum db to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016): 6/30/2020

New Standard

ANSI/ASHRAE Standard 217-2020, Non-Emergency Ventilation in Enclosed Road, Rail and Mass Transit Facilities (new standard): 6/30/2020

Revision

ANSI/ASHRAE Standard 41.1-2020, Standard Methods for Temperature Measurement (revision of ANSI/ASHRAE Standard 41.1-2013): 6/30/2020

ANSI/ASHRAE Standard 41.10-2020, Standard Methods for Refrigerant Flow Measurement Using Flowmeters (revision of ANSI/ASHRAE Standard 41.10-2013): 6/30/2020

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME PTC 29-2005 (R2020), Speed-Governing Systems for Hydraulic Turbine-Generator Units (reaffirmation of ANSI/ASME PTC 29-2005 (R2015)): 6/30/2020

Revision

ANSI/ASME B18.24-2020, Part Identifying Number (PIN) Code System Standard for B18 Fastener Products (revision of ANSI/ASME B18.24-2015): 7/6/2020

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

Revision

ANSI/ASSP A10.5-2020, Safety Requirements for Material Hoists (revision of ANSI/ASSP A10.5 2013): 7/7/2020

ASTM (ASTM International)

New Standard

ANSI/ASTM D8325-2020, Standard Guide for Evaluation of Nuclear Graphite Surface Area and Porosity by Gas Adsorption Measurements (new standard): 6/23/2020

ANSI/ASTM F3372-2020, Practice for Butt Fusion Joining of PA12 Pipe and Fittings (new standard): 6/23/2020

ANSI/ASTM F3373-2020, Specification for Polyethylene (PE) Electrofusion Fittings for Outside Diameter Controlled Crosslinked Polyethylene (PEX) Pipe (new standard): 6/23/2020

ANSI/ASTM F3449-2020, Guide for Inclusion of Cyber Risks into Maritime Safety Management Systems in Accordance with IMO Resolution MSC.428 (98) - Cyber Risks and Challenges (new standard): 6/23/2020

Reaffirmation

ANSI/ASTM E0948-2018 (R2020), Test Method for Electrical Performance of Photovoltaic Cells Using Reference Cells Under Simulated Sunlight (reaffirmation of ANSI/ASTM E0948-2018): 6/23/2020

ANSI/ASTM E0973-2018 (R2020), Test Method for Determination of the Spectral Mismatch Parameter between a Photovoltaic Device and a Photovoltaic Reference Cell (reaffirmation of ANSI/ASTM E0973-2018): 6/23/2020

ANSI/ASTM E1040-2018 (R2020), Specification for Physical Characteristics of Nonconcentrator Terrestrial Photovoltaic Reference Cells (reaffirmation of ANSI/ASTM E1040-2018): 6/23/2020

ANSI/ASTM E1125-2018 (R2020), Test Method for Calibration of Primary Non-Concentrator Terrestrial Photovoltaic Reference Cells Using a Tabular Spectrum (reaffirmation of ANSI/ASTM E1125-2018): 6/23/2020

Revision

ANSI/ASTM C781-2020, Practice for Testing Graphite Materials for Gas-Cooled Nuclear Reactor Components (revision of ANSI/ASTM C781-2019): 6/23/2020

ANSI/ASTM D6300-2020, Practice for Determination of Precision and Bias Data for Use in Test Methods for Petroleum Products and Lubricants (revision of ANSI/ASTM D6300-2015): 6/23/2020

ANSI/ASTM F876-2020, Specification for Crosslinked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F876-2019A): 7/1/2020

ANSI/ASTM F919-2020, Specification for Slicing Machines, Food, Electric (revision of ANSI/ASTM F919-2015): 6/23/2020

ANSI/ASTM F1014-2020, Specification for Flashlights on Vessels (revision of ANSI/ASTM F1014-2002 (R2012)): 6/23/2020

ANSI/ASTM F1883-2020, Practice for Selection of Wire and Cable Size in AWG or Metric Units (revision of ANSI/ASTM F1883-2003 (R2013)): 6/23/2020

ANSI/ASTM F2643-2020, Specification for Powered Pot, Pan and Utensil Washing Sinks (revision of ANSI/ASTM F2643-2015): 6/23/2020

AWS (American Welding Society)

Revision

ANSI/AWS A5.28/A5.28M-2020, Specification for Low-Alloy Steel Electrodes and Rods for Gas Shielded Arc Welding (revision of ANSI/AWS A5.28/A5.28M-2005 (R2015)): 6/30/2020

B11 (B11 Standards, Inc.)

New Standard

ANSI B11.27-2020, Safety Requirements for Electro-Discharge Machines (new standard): 7/7/2020

EASA (Electrical Apparatus Service Association)

Revision

ANSI/EASA AR100-2020, Recommended Practice for the Repair of Rotating Electrical Apparatus (revision of ANSI/EASA AR100-2015): 6/30/2020

ECIA (Electronic Components Industry Association)

Reaffirmation

ANSI/EIA 364-65B-2009 (R2020), Mixed Flowing Gas Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-65B -2009): 7/6/2020

ESTA (Entertainment Services and Technology Association)

New Standard

ANSI/ES1.9-2020, Event Safety Requirements - Crowd Management (new standard): 7/6/2020

HL7 (Health Level Seven)

Revision

ANSI/HL7 EHR, R2.1-2020, HL7 Electronic Health Record System Functional Model, Release 2.1 (revision and redesignation of ANSI/HL7 EHR, R2 -2014): 6/30/2020

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

Reaffirmation

ANSI/ASSE Series 8000-2011 (R2020), Professional Qualifications Standard for Self Contained Breathing Apparatus Replenishment Systems Installers, Inspectors & Verifiers (reaffirmation of ANSI/ASSE Series 8000-2011): 6/30/2020

ANSI/ASSE Series 9000-2015 (R2020), Firestop Systems and Smoke-Limiting Materials Professional Qualifications Standard (reaffirmation of ANSI/ASSE Series 9000-2015): 6/30/2020

ANSI/ASSE Series 10000-2011 (R2020), Professional Qualifications Standard for Installers of Green Plumbing Systems (reaffirmation of ANSI/ASSE Series 10000-2011 (R2015)): 6/30/2020

ANSI/ASSE Series 13000-2015 (R2020), Service Plumber and Residential Mechanical Service Technician Professional Qualifications Standard (reaffirmation of ANSI/ASSE Series 13000-2015): 6/30/2020

ANSI/ASSE Series 19000-2015 (R2020), Professional Qualifications Standard for Hydronic Designers and Installers (reaffirmation of ANSI/IAPMO Series 19000-2015): 6/30/2020

ANSI/UL 1081-2020, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2017): 7/2/2020

ANSI/UL 1446-2020, Standard for Safety for Systems of Insulating Materials - General (revision of ANSI/UL 1446-2019): 7/1/2020

ANSI/UL 8139-2020, Standard for Safety for Electrical Systems of Electronic Cigarettes and Vaping Devices (revision of ANSI/UL 8139-2018): 7/6/2020

IES (Illuminating Engineering Society)

New Standard

ANSI/IES LP-3-2020, Lighting Practice: Designing and Specifying Daylighting for Buildings (new standard): 6/30/2020

IKECA (International Kitchen Exhaust Cleaning Association)

Revision

ANSI/IKECA I10-2020, Standard for the Methodology for Inspection of Commercial Kitchen Exhaust Systems (revision of ANSI/IKECA I10-2015): 6/30/2020

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

Revision

ANSI/ITSDF B56.11.7-2020, Liquefied Petroleum Gas (LPG) Fuel Cylinders (Horizontal or Vertical) Mounting - Liquid Withdrawal - for Powered Industrial Trucks (revision of ANSI/ITSDF B56.11.7-2011): 7/7/2020

MSS (Manufacturers Standardization Society)

Revision

ANSI/MSS SP-144-2020, Pressure-Seal Bonnet Valves (revision of ANSI/MSS SP-144-2013): 7/7/2020

OPEI (Outdoor Power Equipment Institute)

Reaffirmation

ANSI/OPEI B71.3-2014 (R2020), Snow Throwers - Safety Specifications (reaffirmation of ANSI/OPEI B71.3-2014): 7/6/2020

UL (Underwriters Laboratories)

Revision

ANSI/UL 67-2020, Standard for Safety for Panelboards (revision of ANSI/UL 67-2019): 6/30/2020

ANSI/UL 125-2020, Flow Control Valves for Anhydrous Ammonia and LP-Gas (revision of ANSI/UL 125-2018): 7/6/2020

ANSI/UL 197-2020, Standard for Safety for Commercial Electric Cooking Appliances (revision of ANSI/UL 197-2018): 7/1/2020

ANSI/UL 844-2020, Standard for Safety for Luminaires for Use in Hazardous (Classified) Locations (revision of ANSI/UL 844-2019): 6/30/2020

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.

AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

Contact: Karl Best: (703) 293-4887; kbest@ahrinet.org

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201-3001 www.ahrinet.org

Revision

BSR/AHRI Standard 710 (I-P)-202x, Performance Rating of Liquid-Line Driers (revision of ANSI/AHRI Standard 710 (I-P)-2010)

Stakeholders: Groups and individuals such as manufacturers, trade organizations, technical societies, professional associations, associations representing users or owners of the equipment involved, appropriate government agencies or offices and consumer organizations or private.

Project Need: Establishes rating criteria and method of test for measuring the performance of Liquid-Line Driers. This standard applies to Liquid-Line Driers utilizing solid Desiccants designed for use in the liquid line of all types of refrigeration and air-conditioning systems.

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Revision

BSR/AHRI Standard 711 (SI)-202x, Performance Rating of Liquid-Line Driers (revision of ANSI/AHRI Standard 711 (SI)-2010)

Stakeholders: Groups and individuals such as manufacturers, trade organizations, technical societies, professional associations, associations representing users or owners of the equipment involved, appropriate government agencies or offices and consumer organizations or private.

Project Need: Establishes rating criteria and method of test for measuring the performance of Liquid-Line Driers. This standard applies to Liquid-Line Driers utilizing solid Desiccants designed for use in the liquid line of all types of refrigeration and air-conditioning systems.

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Revision

BSR/AHRI Standard 715 (I-P)-202x, Performance Rating of Liquid-Line Filters (revision of ANSI/AHRI Standard 715 (I-P)-2015)

Stakeholders: Groups and individuals such as manufacturers, trade organizations, technical societies, professional associations, associations representing users or owners of the equipment involved, appropriate government agencies or offices and consumer organizations or private.

Project Need: The purpose of this standard is to establish for Liquid-line Filters: definitions; tubing connections; test requirements; rating requirements; minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions.

This standard applies to hermetic Liquid-Line Filters designed for use in the liquid line of all types of refrigeration and air-conditioning systems employing refrigerants. This standard provides a means of determining the Overall Filter Efficiency and Contaminant Capacity of a Liquid-Line Filter at specified conditions.

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Revision

BSR/AHRI Standard 716 (SI)-202x, Performance Rating of Liquid-Line Filters (revision of ANSI/AHRI Standard 716 (SI)-2015)

Stakeholders: Groups and individuals such as manufacturers, trade organizations, technical societies, professional associations, associations representing users or owners of the equipment involved, appropriate government agencies or offices and consumer organizations or private.

Project Need: The purpose of this standard is to establish for Liquid-line Filters: definitions; tubing connections; test requirements; rating requirements; minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions.

This standard applies to hermetic Liquid-Line Filters designed for use in the liquid line of all types of refrigeration and air-conditioning systems employing refrigerants. This standard provides a means of determining the Overall Filter Efficiency and Contaminant Capacity of a Liquid-Line Filter at specified conditions.

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Revision

BSR/AHRI Standard 760 (I-P)-202x, Performance Rating of Solenoid Valves for Use with Volatile Refrigerants (revision of ANSI/AHRI Standard 760 (I-P)-2014)

Stakeholders: Groups and individuals such as manufacturers, trade organizations, technical societies, professional associations, associations representing users or owners of the equipment involved, appropriate government agencies or offices and consumer organizations or private.

Project Need: The purpose of this standard is to establish for Solenoid Valves for use with volatile refrigerants: definitions; test requirements; rating requirements; minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions.

This standard applies to Solenoid Valves for use with volatile refrigerants as defined in Section 3.

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Revision

BSR/AHRI Standard 761 (SI)-202x, Performance Rating of Solenoid Valves for Use with Volatile Refrigerants (revision of ANSI/AHRI Standard 761 (SI)-2014)

Stakeholders: Groups and individuals such as manufacturers, trade organizations, technical societies, professional associations, associations representing users or owners of the equipment involved, appropriate government agencies or offices and consumer organizations or private.

Project Need: The purpose of this standard is to establish for Solenoid Valves for use with volatile refrigerants: definitions; test requirements; rating requirements; minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions.

This standard applies to Solenoid Valves for use with volatile refrigerants as defined in Section 3.

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Revision

BSR/AHRI Standard 770 (I-P)-202x, Performance Rating of Refrigerant Pressure Regulating Valves (revision of ANSI/AHRI Standard 770 (I-P)-2014)

Stakeholders: Groups and individuals such as manufacturers, trade organizations, technical societies, professional associations, associations representing users or owners of the equipment involved, appropriate government agencies or offices and consumer organizations or private.

Project Need: The purpose of this standard is to establish for Refrigerant Pressure Regulating Valves: definitions; test requirements; rating requirements; minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions.

This standard applies to Refrigerant Pressure Regulating Valves controlling volatile refrigerant flow that primarily respond to pressure. The types of Refrigerant Pressure Regulating Valves are those that are responsive to inlet, to outlet, or to differential pressures sensed locally or remotely.

AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

Contact: Karl Best: (703) 293-4887; kbest@ahrinet.org

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Revision

BSR/AHRI Standard 771 (SI)-202x, Performance Rating of Refrigerant Pressure Regulating Valves (revision of ANSI/AHRI Standard 771 (SI)-2014)

Stakeholders: Groups and individuals such as manufacturers, trade organizations, technical societies, professional associations, associations representing users or owners of the equipment involved, appropriate government agencies or offices and consumer organizations or private.

Project Need: The purpose of this standard is to establish for Refrigerant Pressure Regulating Valves: definitions; test requirements; rating requirements; minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions.

This standard applies to Refrigerant Pressure Regulating Valves controlling volatile refrigerant flow that primarily respond to pressure. The types of Refrigerant Pressure Regulating Valves are those that are responsive to inlet, to outlet, or to differential pressures sensed locally or remotely.

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Revision

BSR/AHRI Standard 1200 (I-P)-202x, Performance Rating of Commercial Refrigerated Display Merchandisers and Storage Cabinets (revision of ANSI/AHRI Standard 1200 (I-P)-2013)

Stakeholders: Groups and individuals such as manufacturers, trade organizations, technical societies, professional associations, associations representing users or owners of the equipment involved, appropriate government agencies or offices and consumer organizations or private.

Project Need: The purpose of this standard is to establish for Commercial Refrigerated Display Merchandisers and Storage Cabinets: definitions; test requirements; rating requirements; symbols and subscripts; minimum data requirements for Published Ratings; marking and nameplate data and conformance conditions.

This standard applies to the following manufacturers' standard catalog Commercial Refrigerated Display Merchandisers and Storage Cabinets, provided that the cases are equipped and designed to work with electrically driven, direct-expansion-type systems: Self-Contained and Remote Commercial Refrigerated Display Merchandisers and Storage Cabinets as well as Open and Closed Commercial Refrigerated Display Merchandisers.

AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

Contact: Karl Best: (703) 293-4887; kbest@ahrinet.org

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Revision

BSR/AHRI Standard 1201 (SI)-202x, Performance Rating of Commercial Refrigerated Display Merchandisers and Storage Cabinets (revision of ANSI/AHRI Standard 1201 (SI)-2013)

Stakeholders: Groups and individuals such as manufacturers, trade organizations, technical societies, professional associations, associations representing users or owners of the equipment involved, appropriate government agencies or offices and consumer organizations or private.

Project Need: The purpose of this standard is to establish for Commercial Refrigerated Display Merchandisers and Storage Cabinets: definitions; test requirements; rating requirements; symbols and subscripts; minimum data requirements for Published Ratings; marking and nameplate data and conformance conditions.

This standard applies to the following manufacturers' standard catalog Commercial Refrigerated Display Merchandisers and Storage Cabinets, provided that the cases are equipped and designed to work with electrically driven, direct-expansion-type systems: Self-Contained and Remote Commercial Refrigerated Display Merchandisers and Storage Cabinets as well as Open and Closed Commercial Refrigerated Display Merchandisers.

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2311 Wilson Boulevard, Suite 400, Arlington, VA 22201-3001 www.ahrinet.org

Revision

BSR/AHRI Standard 1251 (SI)-202x, Performance Rating of Walk-In Coolers and Freezers (revision of ANSI/AHRI Standard 1251 (SI)-2014)

Stakeholders: Groups and individuals such as manufacturers, trade organizations, technical societies, professional associations, associations representing users or owners of the equipment involved, appropriate government agencies or offices and consumer organizations or private.

Project Need: The purpose of this standard is to establish, for walk-in coolers and freezers: definitions; test requirements; rating requirements; minimum data requirements for Published Ratings; operating requirements; marking and nameplate data and conformance conditions.

This standard applies to mechanical refrigeration equipment consisting of an integrated single-package refrigeration unit, or separate Unit Cooler and condensing unit sections, where the condensing section can be located either outdoor or indoor. Controls may be integral or can be provided by a separate party as long as performance is tested and certified with the listed mechanical equipment accordingly.

API (American Petroleum Institute)

Contact: Ivan Pinto: (410) 251-4274; pinto@api.org

200 Massachusetts Avenue NW, Suite 1100, Washington, 20001-5571 www.api.org

Supplement

BSR/API Spec 17D, 2nd Ed/ISO 13628-4 (Addenda 2)-202x, Design and Operations of Subsea Production Systems - Subsea Wellhead and Tree Equipment (supplement to ANSI/API Spec 17D, 2nd Ed/ISO 13628-4-2011)

Stakeholders: Subsea wellhead and trees equipment operators, manufacturers and consultant/contracted experts in the Oil and Gas Upstream segment.

Project Need: Addendum 2 is required to update the normative references and bibliography of the specification.

This part of ISO 13628 provides specifications for subsea wellheads, mudline wellheads, drill-through mudline wellheads, and both vertical and horizontal subsea trees.

ASIS (ASIS International)

Contact: Aivelis Opicka: (703) 518-1439; standards@asisonline.org

1625 Prince Street, Alexandria, VA 22314-2818 www.asisonline.org

Revision

BSR/ASIS PAP.1-202X, Physical Asset Protection (revision of ANSI/ASIS PAP.1-2012)

Stakeholders: Organizations of all sizes and types in the private and public sectors; the global business community; not-for-profit organizations and foundations; educational institutions; government agencies and organizations; professional security practitioners and consultants.

Project Need: Every organization needs to protect its assets - people, property, and information. To protect its assets, organizations need an effective physical asset protection program that provides a systematic approach to identifying hazards, threats, and risks to their facilities in order to develop controls to manage the risks they face.

This Standard utilizes a management systems approach to provide guidance for assisting organizations in the design, implementation, monitoring, evaluation, and maintenance of a physical asset protection (PAP) program. It also provides guidance on the identification, application, and management of physical protective systems (PPS) to safeguard an organization's assets (e.g., people, property, and information).

ASTM (ASTM International)

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

New Standard

BSR/ASTM D2672-202x, Standard Specification for Joints for IPS PVC Pipe Using Solvent Cement (new standard)

Stakeholders: Joining industry.

Project Need: This specification covers the socket produced for solvent cement joints on both pressure and non-pressure IPS pipe. It also covers the testing of the joints on both pressure and non-pressure pipe, and includes requirements for socket dimensions, burst pressure, and joint tightness tests of the solvent cemented joints. The tests described are not intended for routine quality control, but rather to evaluate the performance characteristics of the joint.

This specification covers requirements, testing, and performance characteristics of joints for IPS PVC pipe using solvent cement. Testing requirements for both pressure and non-pressure pipe shall include socket dimensions, burst pressure, and joint tightness tests. PVC plastics, solvent cements, primer materials, workmanship, sampling, conditioning, marking, and quality shall conform to the requirements of this specification.

ASTM (ASTM International)

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New Standard

BSR/ASTM F493-202x, Specification for Solvent Cements for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe and Fittings (new standard)

Stakeholders: Joining industry.

Project Need: This specification provides requirements for chlorinated poly(vinyl chloride) (CPVC) solvent cements to be used in joining chlorinated poly(vinyl chloride) pipe, tubing, and socket-type fittings.

This specification covers requirements for solvent cements for chlorinated poly(vinyl chloride) (CPVC) plastic pipe, tubing, and socket-type fittings.

CSA (CSA America Standards Inc.)

Contact: David Zimmerman: (216) 524-4990; ansi.contact@csagroup.org
 8501 E. Pleasant Valley Road, Cleveland, OH 44131 www.csagroup.org

Addenda

BSR Z21.21A-202x, Automatic Valves for Gas Appliances (addenda to ANSI Z21.21-2019)

Stakeholders: Consumer manufacturers.

Project Need: To add a non-metallic materials test to the standard.

This Standard applies to newly produced automatic valves (see Clause 3, Definitions) constructed entirely of new, unused parts and materials. These valves may be individual automatic valves or valves utilized as parts of automatic gas ignition systems. This Standard also applies to commercial/industrial safety shutoff valves (see Clause 3), referred to in this Standard as C/I valves. This Standard does not apply to a self-contained water heater, cooking appliance, or room heater thermostats, or self-contained automatic gas shutoff valves for hot water supply systems. Components performing functions other than those of an automatic valve are to comply with applicable American National Standards or Canadian Standards. Compliance of an automatic valve with this Standard does not imply that the automatic valve is acceptable for use on gas appliances without supplemental tests with the automatic valve applied to the particular appliance design. A control that incorporates two or more automatic valves and no other function, (as defined by combination control, see Clause 3), may be tested to this Standard or to the Standard for Combination Gas Controls for Gas Appliances, ANSI Z21.78 • CSA 6.20, at the discretion of the manufacturer. The valve operator of an automatic valve may be actuated either directly or indirectly. In addition, it may be actuated by electrical means, by mechanical means, by means of a change of the absolute pressure of gas or air upon a diaphragm, or by other means. This Standard applies to automatic valves having maximum operating gas pressure ratings from 1/2 psi (3.5 kPa) up to and including 60 psi (413.7 kPa). This Standard also applies to C/I valves having maximum operating gas pressure ratings of 1/2 psi (3.5 kPa) or greater (see Clauses 6 and 7). This Standard applies to automatic valves that are to be mounted in the manufacturer's specified upright position or in one or more of the optional mounting positions selected by the manufacturer. (See Clause 5.1.1.) This Standard applies to automatic valves that are capable of operation at ambient temperatures of 32°F to 125°F (0°C to 51.5°C), unless a higher temperature, lower temperature, or both, are specified by the manufacturer. (See Clause 5.1.2.)

CSA (CSA America Standards Inc.)

Contact: David Zimmerman: (216) 524-4990; ansi.contact@csagroup.org
 8501 E. Pleasant Valley Road, Cleveland, OH 44131 www.csagroup.org

Addenda

BSR Z21.78A-202x, Combination Gas Controls for Gas Appliances (addenda to ANSI Z21.78-2010 (R2020)/CSA 6.20-2010 (R2020))

Stakeholders: Consumer manufacturers.

Project Need: To allow alternative tubing connection methods when the following conditions are met: (1) The control is intended only for use inside a gas appliance enclosure, (2) The connection means remains leaktight following torque and bending tests, and (3) The relevant control connections are identified with a unique marking. This standard applies to newly produced combination gas controls (see Definitions, Part IV), referred to in this standard as controls, constructed entirely of new, unused parts and materials. The combination control may include other functions such as pilot gas filters, pressure switches, etc., which shall be of an approved type (see Definitions, Part IV), or shall be investigated as an integral part of the combination control for construction and performance equivalent to an approved type. A control which incorporates two or more automatic valves and no other function, (as defined by combination control, see Definitions, Part IV), may be tested to this Standard or Automatic Valves for Gas Appliances, Z21.21 • CSA 6.5, at the discretion of the manufacturer. Compliance of a combination control with this standard does not imply that the combination control is acceptable for use on gas appliances without supplemental tests with the combination control applied to the particular appliance design. This standard applies to combination controls having a maximum operating gas pressure of 1/2 psi (3.5 kPa) with one or more of the following fuel gases: natural, manufactured, mixed, liquefied petroleum, and liquefied petroleum gas-air mixtures. This standard applies to combination controls which are capable of operation in ambient temperatures of 32°F (0°C) to 125°F (51.5°C), unless a higher temperature, lower temperature or both, are specified by the manufacturer.

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 440-202x, Guide for Aircraft Rescue and Firefighting Operations and Airport/Community Emergency 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 guide provides information relative to aircraft rescue and firefighting operations and procedures for airport and structural fire departments and describes the elements of an airport/community emergency plan that require consideration before during and after an emergency has occurred. Throughout this document, the airport/community emergency plan will be referred to as the "AEP."

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 460-202x, Standard for Aircraft Rescue and Firefighting Services at Airports, Recurring Proficiency of Airport Fire Fighters, and Evaluating Aircraft Rescue and Firefighting Foam 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 contains the minimum requirements for aircraft rescue and firefighting (ARFF) services at airports, the required performance criteria by which an authority having jurisdiction over aircraft rescue and firefighting (ARFF) maintains proficiency and effective ARFF at airports and establishes test procedures for evaluating the foam firefighting equipment installed on aircraft rescue and firefighting vehicles designed in accordance with NFPA 414.

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 1030-202x, Standard for Professional Qualifications for Fire Prevention Program Positions (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 provides minimum requirements for professional qualifications for fire-prevention program positions.

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 1660-202x, Standard on Community Risk Assessment, Pre-Incident Planning, Mass Evacuation, Sheltering, and Re-Entry Programs (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 shall establish a common set of criteria for all-hazards disaster/crisis/disaster/emergency management and business continuity/continuity of operations programs (referred to in this standards as “program”), for developing pre-incident plans for use by personnel responding to emergencies, and for the process of organizing, planning, implementing, and evaluating a program for mass evacuation, sheltering, and re-entry.

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 1900-202x, Standard for Aircraft Rescue and Firefighting Vehicles, Automotive Fire Apparatus, Wildland Fire Apparatus, and Automotive Ambulances (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 defines the minimum requirements for the design, performance, acceptance criteria, and testing of new automotive fire apparatus and trailers, wildland apparatus, aircraft rescue and firefighting apparatus, and automotive and remounted ambulances.

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 1910-202x, Standard for Marine Firefighting Vessels and the Inspection, Maintenance, Testing, Refurbishing, and Retirement of In-Service Emergency Vehicles (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 defines the minimum requirements for establishing an inspection, maintenance, refurbishment, retirement, and testing program for in-service emergency vehicles and marine firefighting vessels.

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 610-202x, Guide for Emergency and Safety Operations at Motorsports Venues (revision of ANSI/NFPA 610-2018)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

This guide addresses planning, training, personnel, equipment, and facilities as they relate to emergency and safety operations at motorsports venues.

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 1026-202x, Standard for Incident Management Personnel Professional Qualifications (revision of ANSI/NFPA 1026-2018)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

This standard identifies the minimum job performance requirements (JPRs) for personnel performing roles within an all-hazard incident management system.

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 1091-202x, Standard for Traffic Incident Management Personnel Professional Qualifications (revision of ANSI/NFPA 1091-2019)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

This standard identifies the minimum job performance requirements (JPRs) for Traffic Control Incident Management Personnel.

SCTE (Society of Cable Telecommunications Engineers)

Contact: Kim Cooney: (800) 542-5040; kcooney@scte.org
140 Philips Rd, Exton, PA 19341 www.scte.org

New Standard

BSR/SCTE DSS 122-202x, Enterprise SIP Gateway Specification (new standard)

Stakeholders: Cable Telecommunications industry.

Project Need: Create new standard.

This specification defines the requirements for the PacketCable 2.0 Enterprise SIP Gateway (ESG) device. The primary purpose of the ESG is to simplify and streamline the initial deployment and ongoing management of Business Voice services to enterprise customers. The ESG sits at the boundary between the Service Provider and Enterprise network and serves as a demarcation point between these two networks. It normalizes the wide variety of SIP (Session Initiation Protocol) signaling protocols supported by currently deployed enterprise CPE (Customer Premises Equipment) equipment into a single well-defined interface that is compatible with the PacketCable network. It also provides enhanced fault detection and reporting capabilities that speed up the detection, isolation, and resolution of service-affecting failures. Finally, the ESG can act as a Gateway device for provisioning traffic between the Service Provider network and operator-owned and managed Enterprise CPE equipment.

SCTE (Society of Cable Telecommunications Engineers)

Contact: Kim Cooney: (800) 542-5040; kcooney@scte.org
 140 Philips Rd, Exton, PA 19341 www.scte.org

New Standard

BSR/SCTE DSS 123-202x, PacketCable High Definition Voice Specification (new standard)

Stakeholders: Cable Telecommunications industry.

Project Need: Create new standard.

This specification includes High Definition (HD) Voice requirements for PacketCable 1.5 and PacketCable 2.0 networks. The PacketCable specifications leverage Digital Enhanced Cordless Telephone (DECT™) and wideband analog interface technologies to incorporate HD Voice. A minimum set of DECT capabilities for HD Voice service is identified.

SCTE (Society of Cable Telecommunications Engineers)

Contact: Kim Cooney: (800) 542-5040; kcooney@scte.org
 140 Philips Rd, Exton, PA 19341 www.scte.org

New Standard

BSR/SCTE DSS 124-202x, HDV NCS Specification (new standard)

Stakeholders: Cable Telecommunications industry.

Project Need: Create new standard.

This specification includes High Definition (HD) Voice requirements for PacketCable 1.5 networks. PacketCable leverages Digital Enhanced Cordless Telephone (DECT™) specifications and wideband analog interface technologies to incorporate HD Voice. This specification defines the interoperability requirements between PacketCable 1.5 Network-based Call Signaling [NCS] and DECT protocols. Additional requirements, including requirements for the wideband analog interface, are contained in the PacketCable High Definition Voice with DECT Specification [HDV].

SCTE (Society of Cable Telecommunications Engineers)

Contact: Kim Cooney: (800) 542-5040; kcooney@scte.org
 140 Philips Rd, Exton, PA 19341 www.scte.org

New Standard

BSR/SCTE DSS 125-202x, HDV Provisioning Specification (new standard)

Stakeholders: Cable Telecommunications industry.

Project Need: Create new standard.

This document specifies the use of the PacketCable Provisioning Framework to configure and manage PacketCable HD Voice capable clients. The PacketCable specifications leverage Digital Enhanced Cordless Telephone (DECT™) and Wideband Analog interface technologies to support HD Voice.

SCTE (Society of Cable Telecommunications Engineers)

Contact: Kim Cooney: (800) 542-5040; kcooney@scte.org
 140 Philips Rd, Exton, PA 19341 www.scte.org

New Standard

BSR/SCTE DSS 126-202x, HDV SIP Specification (new standard)

Stakeholders: Cable Telecommunications industry.

Project Need: Create new standard.

This document specifies the requirements for implementing HD Voice services on the PacketCable infrastructure. It focuses on the functional specification of PacketCable client devices that extend the standard telephony functions.

SCTE (Society of Cable Telecommunications Engineers)

Contact: Kim Cooney: (800) 542-5040; kcooney@scte.org
140 Philips Rd, Exton, PA 19341 www.scte.org

New Standard

BSR/SCTE DSS 127-202x, Enterprise SIP Gateway - Technical Report (new standard)

Stakeholders: Cable Telecommunications industry.

Project Need: Create new standard.

This technical report describes the functional requirements and technical solution for a new PacketCable™ 2.0 component called the Enterprise SIP Gateway (ESG). The ESG is deployed as a gateway device at the demarcation point between a Service Provider and Enterprise network to facilitate the delivery of Business Voice services to enterprise customers, including SIP Trunking service to an enterprise SIP-PBX, and hosted IP Centrex service to enterprise SIP phones.

UL (Underwriters Laboratories)

Contact: Jennifer Fields: (919) 549-1007; jennifer.fields@ul.org
12 Laboratory Drive, Research Triangle Park, NC 27709-3995 <https://ul.org/>

New Standard

BSR/UL 4700-202X, Standard for Safety for LiDAR and LiDAR Systems (new standard)

Stakeholders: LiDAR and LiDAR Systems industry, automotive and trucking manufacturing industry, Autonomous products industry

Project Need: To obtain national recognition of a standard covering safety requirements of automotive LiDAR and LiDAR systems.

These requirements will cover automotive LiDAR and LiDAR systems for use in vehicles as defined in this standard. The LiDAR and LiDAR systems' ability to safely withstand simulated abuse conditions will be evaluated based upon the manufacturer's specified parameters of use. The performance of these devices will not be evaluated. This standard includes requirements for the evaluation LiDAR and LiDAR systems concerning mechanical safety, electrical safety, laser safety, cybersecurity, and functional safety.

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.

AAFS

American Academy of Forensic Sciences
410 North 21st Street
Colorado Springs, CO 80904
Phone: (719) 453-1036
Web: www.aafs.org

API

American Petroleum Institute
200 Massachusetts Avenue NW
Suite 1100
Washington, 20001-5571
Phone: (410) 251-4274
Web: www.api.org

ASSP (ASC A10)

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

AAMI

Association for the Advancement of Medical Instrumentation
901 N. Glebe Road, Suite 300
Arlington, VA 22203
Phone: (703) 253-8274
Web: www.aami.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/>

ASTM

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

ABYC

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

ASHRAE

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

ATIS

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

AHRI

Air-Conditioning, Heating, and Refrigeration Institute
2311 Wilson Boulevard
Suite 400
Arlington, VA 22201-3001
Phone: (703) 293-4887
Web: www.ahrinet.org

ASIS

ASIS International
1625 Prince Street
Alexandria, VA 22314-2818
Phone: (703) 518-1439
Web: www.asisonline.org

AWS

American Welding Society
8669 Doral Blvd
Suite 130
Doral, FL 33166
Phone: (305) 443-9353
Web: www.aws.org

ALI (ASC A14)

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

ASME

American Society of Mechanical Engineers
Two Park Avenue
M/S 6-2B
New York, NY 10016-5990
Phone: (212) 591-8489
Web: www.asme.org

AWWA

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

B11

B11 Standards, Inc.
P.O. Box 690905
Houston, TX 77269
Phone: (832) 446-6999
Web: <https://www.b11standards.org/>

BHMA

Builders Hardware Manufacturers Association
355 Lexington Avenue, 15th Floor
New York, NY 10017-6603
Phone: (513) 600-2871
Web: www.buildershardware.com

CSA

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

EASA

Electrical Apparatus Service Association
1331 Baur Blvd.
St. Louis, MO 63132
Phone: (314) 993-2220

ECIA

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

ESTA

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

FM

FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062
Phone: (781) 255-4813
Web: www.fmglobal.com

HL7

Health Level Seven
3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104
Phone: (313) 550-2073
Web: www.hl7.org

IAPMO (ASSE Chapter)

ASSE International Chapter of IAPMO
18927 Hickory Creek Drive
Suite 220
Mokena, IL 60448
Phone: (708) 995-3017
Web: www.asse-plumbing.org

IES

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

IIAR

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

IKECA

International Kitchen Exhaust Cleaning Association
2331 Rock Spring Road
Forest Hill, MD 21050
Phone: (410) 417-5234
Web: www.ikeca.org

ITI (INCITS)

InterNational Committee for Information Technology Standards
700 K Street NW
Suite 600
Washington, DC 20001
Phone: (202) 737-8888
Web: www.incits.org

ITSDF

Industrial Truck Standards Development Foundation, Inc.
1750 K Street NW
Suite 460
Washington, DC 20006
Phone: (202) 296-9880
Web: www.indtrk.org

MSS

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

NFPA

National Fire Protection Association
One Batterymarch Park
Quincy, MA 02169
Phone: (617) 984-7246
Web: www.nfpa.org

NSF

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

OPEI

Outdoor Power Equipment Institute
1605 King Street
Alexandria, VA 22314
Phone: (703) 678-2990
Web: www.opei.org

SCTE

Society of Cable
Telecommunications Engineers
140 Philips Rd
Exton, PA 19341
Phone: (800) 542-5040
Web: www.scte.org

TIA

Telecommunications Industry
Association
1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7706
Web: www.tiaonline.org

UL

Underwriters Laboratories
12 Laboratory Drive
Research Triangle Park, NC 27709
-3995
Phone: (919) 549-1007
Web: <https://ul.org/>



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 IEC 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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 15216-1/DAmD1, Microbiology of the food chain - Horizontal method for determination of hepatitis A virus and norovirus using real-time RT-PCR - Part 1: Method for quantification - Amendment 1 - 9/18/2020, \$33.00

BAMBOO AND RATTAN (TC 296)

ISO/DIS 21629-1, Bamboo floorings - Part 1: Indoor use - 9/18/2020, \$77.00

CARBON DIOXIDE CAPTURE, TRANSPORTATION, AND GEOLOGICAL STORAGE (TC 265)

ISO/DIS 27919-2, Carbon dioxide capture - Part 2: Evaluation procedure to assure and maintain stable performance of post-combustion CO₂ capture plant integrated with a power plant - 9/20/2020, \$125.00

CERAMIC TILE (TC 189)

ISO/DIS 10545-10, Ceramic tiles - Part 10: Determination of moisture expansion - 9/24/2020, \$33.00

ISO/DIS 10545-15, Ceramic tiles - Part 15: Determination of lead and cadmium given off by tiles - 9/20/2020, \$33.00

FIRE SAFETY (TC 92)

ISO/DIS 3008-4, Fire resistance tests - Door and shutter assemblies - Part 4: Linear joint fire seal materials used to seal the gap between a fire door frame and the supporting construction - 9/18/2020, \$58.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/DIS 12642-3, Graphic technology - Input data for characterization of 4-colour process printing - Part 3: Extended data set - 9/20/2020, \$46.00

METALLIC AND OTHER INORGANIC COATINGS (TC 107)

ISO/DIS 14922, Thermal spraying - Quality requirements for manufacturers of thermal sprayed coatings - Quality assurance system - 9/20/2020, \$88.00

NICKEL AND NICKEL ALLOYS (TC 155)

ISO/DIS 23156, Ferronickels - Determination of phosphorus, manganese, chromium, copper and cobalt contents - Inductively coupled plasma atomic emission spectrometric method - 9/25/2020, \$62.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 23407, Protective gloves against thermal risks (heat and/or fire) - 9/20/2020, \$77.00

PLASTICS (TC 61)

ISO/DIS 23832, Plastics - Test methods for determination of degradation rate and disintegration degree of plastic materials exposed to marine environmental matrices under laboratory conditions - 9/24/2020, \$67.00

RAILWAY APPLICATIONS (TC 269)

ISO/DIS 22480-1, Railway applications - Concrete sleepers and bearers for track - Part 1: General requirements - 9/24/2020, \$107.00

TOURISM AND RELATED SERVICES (TC 228)

ISO/DIS 18513, Tourism services - Hotels and other types of tourism accommodation - Terminology - 9/25/2020, \$53.00

ISO/DIS 21621, Tourism and related services - Traditional restaurants - Visual aspects, decoration and services - 9/25/2020, \$77.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 15886-2, Agricultural irrigation equipment - Sprinklers - Part 2: Design and operation requirements - 9/24/2020, \$58.00

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

ISO/DIS 6717, In vitro diagnostic medical devices - Single-use containers for the collection of specimens, other than blood, from humans - 9/25/2020, \$62.00

TYRES, RIMS AND VALVES (TC 31)

ISO/DIS 19447, Passenger car tyres - Method for measuring ice grip performance - Loaded new tyres - 9/24/2020, \$77.00

WATER QUALITY (TC 147)

- ISO/DIS 13165-1, Water quality - Radium-226 - Part 1: Test method using liquid scintillation counting - 9/18/2020, \$62.00
- ISO/DIS 23655-1, Water quality - Nickel-59 and nickel-63 - Part 1: Test method using liquid scintillation counting - 9/18/2020, \$77.00
- ISO/DIS 23655-2, Water quality - Nickel-59 and nickel-63 - Part 2: Test method using ICP-MS - 9/19/2020, \$77.00

IEC Standards

- 9/2605A/NP, PNW 9-2605: Railway applications - Rolling stock - Fuel cell systems for propulsion - Part 1: Fuel Cell System, 2020/9/25
- 17A/1279/CD, IEC TS 62271-316 ED1: High-voltage switchgear and controlgear - Part 316: Direct current by-pass switches and paralleling switches, 2020/9/25
- 20/1916/CDV, IEC 62893-1/AMD1 ED1: Amendment 1 - Charging cables for electric vehicles for rated voltages up to and including 0,6/1 kV - Part 1: General requirements, 2020/9/25
- 33/648/CDV, IEC 63210 ED1: Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage above 1000 V, 2020/9/25
- 34/710/DTS, IEC TS 63105 ED1: Lighting systems and related equipment - Vocabulary, 2020/9/25
- 45/892/CDV, IEC 62372 ED2: Nuclear instrumentation - Housed scintillators - Measurement methods of light output and intrinsic resolution, 2020/9/25
- 45A/1348/FDIS, IEC 63046 ED1: Nuclear power plants - Electrical power system - General requirements, 2020/8/14
- 48B/2821/CDV, IEC 61076-3-122 ED2: Connectors for electrical and electronic equipment - Product requirements - Part 3-122: Detail specification for 8-way, shielded, free and fixed connectors for I/O and data transmission with frequencies up to 500 MHz and current-carrying capacity in industrial environments, 2020/9/25
- 57/2245/CD, IEC 61968-9 ED3: Application integration at electric utilities - System interfaces for distribution management - Part 9: Interfaces for meter reading and control, 2020/9/25
- 57/2244/CD, IEC 62351-5 ED1: Power systems management and associated information exchange - Data and communications security - Part 5: Security for IEC 60870-5 and derivatives, 2020/9/25
- 59/738/NP, PNW 59-738: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2 -19: Particular requirements for air cleaners, 2020/9/25
- 59/737/CD, IEC 63237-10 ED1: Household and similar electrical appliances - Product information properties - Part 10: List of properties (LOP) for washing machines, 2020/9/25
- 61C/861/FDIS, IEC 60335-2-24 ED8: Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers, 2020/8/14
- 62B/1169/CDV, IEC 61223-3-7 ED1: Evaluation and routine testing in medical imaging departments - Acceptance testing and quality control of dental extra-oral X-ray equipment used with dental cone beam computed tomography, 2020/9/25
- 65B/1179(F)/DIS, IEC 62828-5 ED1: Reference conditions and procedures for testing industrial and process measurement transmitters - Part 5: Specific procedures for flow transmitters, 2020/7/24
- 65B/1178(F)/DIS, IEC 62828-4 ED1: Reference conditions and procedures for testing industrial and process measurement transmitters - Part 4: Specific procedures for level transmitters, 2020/7/24
- 69/720/CD, IEC 61980-2 ED1: Electric vehicle wireless power transfer (WPT) systems - Part 2: Specific requirements for communication between electric road vehicle (EV) and infrastructure, 2020/9/25
- 82/1760/FDIS, IEC 60904-1 ED3: Photovoltaic devices - Part 1: Measurement of photovoltaic current-voltage characteristics, 2020/8/14
- 86A/2013/CDV, IEC 60794-2-31/AMD1 ED3: Amendment 1 - Optical fibre cables - Part 2-31: Indoor cables - Detailed specification for optical fibre ribbon cables for use in premises cabling, 2020/9/25
- 86A/2012/CDV, IEC 60794-2-21/AMD1 ED3: Amendment 1 - Optical fibre cables - Part 2-21: Indoor cables - Detailed specification for multi-fibre optical distribution cables for use in premises cabling, 2020/9/25
- 86A/2011/CDV, IEC 60794-2-11/AMD1 ED3: Amendment 1 - Optical fibre cables - Part 2-11: Indoor cables - Detailed specification for simplex and duplex cables for use in premises cabling, 2020/9/25
- 86A/2032/DTR, IEC TR 62959 ED1: Optical fibre cables - Shrinkage effects on cable and cable element end termination - Guidance, 2020/8/28
- 86B/4292(F)/CDV, IEC 61753-111-8 ED2: Fibre optic interconnecting devices and passive components - Performance standard - Part 111 -8: Sealed closures for Category G - Ground, 2020/9/18
- 100/3440/CDV, IEC 62680-1-2 ED5: Universal serial bus interfaces for data and power - Part 1-2: Common components - USB Power Delivery specification, 2020/9/25
- 100/3439/CDV, IEC 62680-1-3 ED4: Universal serial bus interfaces for data and power - Part 1-3: Common components - USB Type-C® Cable and Connector Specification, 2020/9/25
- 105/809/CD, IEC 62282-6-107 ED1: Fuel cell technologies - Part 6 -107: Micro fuel cell power systems - Safety - Indirect water-reactive (Division 4.3) compounds, 2020/9/25
- 105/807/CD, IEC 62282-6-101 ED1: Fuel cell technologies - Part 6 -101: Micro fuel cell power systems - Safety - General requirements, 2020/9/25
- 115/242/CD, IEC TS 62344 ED2: Design of earth electrode stations for high-voltage direct current (HVDC) links - General guidelines, 2020/9/25
- 119/313/CD, PWI TR 119-15 ED1: Future IEC TR 62899-550-1: Quality assessment - Framework document on durability testing, 2020/9/25
- 120/187/CD, IEC TS 62933-2-2 ED1: Electric Energy Storage Systems; Part 2-2: Unit parameters and testing methods - Applications and Performance testing, 2020/8/28
- SyCLVDC/86/CD, IEC 63318 ED1: Electricity Access Requirements with SELV DC for Tier II and Tier III of ESMAP Multi-Tier Framework for House Hold Electricity Supply, 2020/9/25



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 19583-23:2020](#), Information technology - Concepts and usage of metadata - Part 23: Data element exchange (DEX) for a subset of ISO/IEC 11179-3, \$185.00

ACOUSTICS (TC 43)

[ISO 11691:2020](#), Acoustics - Measurement of insertion loss of ducted silencers without flow - Laboratory survey method, \$68.00

[ISO 23351-1:2020](#), Acoustics - Measurement of speech level reduction of furniture ensembles and enclosures - Part 1: Laboratory method, \$103.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO 23443:2020](#), Infant formula and adult nutritionals - Determination of B-carotene, lycopene and lutein by reversed-phase ultra-high performance liquid chromatography (RP-UHPLC), \$162.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 21100:2020](#), Air cargo unit load devices - Performance requirements and test parameters, \$185.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

[ISO 7870-9:2020](#), Control charts - Part 9: Control charts for stationary processes, \$138.00

BIOGAS (TC 255)

[ISO 22580:2020](#), Flares for combustion of biogas, \$68.00

BIOTECHNOLOGY (TC 276)

[ISO 21973:2020](#), Biotechnology - General requirements for transportation of cells for therapeutic use, \$138.00

FIREWORKS (TC 264)

[ISO 22863-3:2020](#), Fireworks - Test methods for determination of specific chemical substances - Part 3: Lead and lead compounds by atomic absorption, \$68.00

FLUID POWER SYSTEMS (TC 131)

[ISO 6358-1/Amd1:2020](#), Pneumatic fluid power - Determination of flow-rate characteristics of components using compressible fluids - Part 1: General rules and test methods for steady-state flow - Amendment 1: Effective conductance, \$19.00

HOROLOGY (TC 114)

[ISO 23346:2020](#), Radio-controlled clocks - Signal receiving measurement method, \$45.00

HYDROMETRIC DETERMINATIONS (TC 113)

[ISO 4360:2020](#), Hydrometry - Open channel flow measurement using triangular profile weirs, \$162.00

INFORMATION AND DOCUMENTATION (TC 46)

[ISO 16175-1:2020](#), Information and documentation - Processes and functional requirements for software for managing records - Part 1: Functional requirements and associated guidance for any applications that manage digital records, \$185.00

JEWELLERY (TC 174)

[ISO 24018:2020](#), Jewellery and precious metals - Specifications for 1 kilogram gold bar, \$45.00

NON-DESTRUCTIVE TESTING (TC 135)

[ISO 23159:2020](#), Non-destructive testing - Gamma ray scanning method on process columns, \$162.00

NUCLEAR ENERGY (TC 85)

[ISO 9978:2020](#), Radiation protection - Sealed sources - Leakage test methods, \$103.00

[ISO/ASTM 51818:2020](#), Practice for dosimetry in an electron beam facility for radiation processing at energies between 80 and 300 keV, \$103.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

[ISO 21395-1:2020](#), Optics and photonics - Test method for refractive index of optical glasses - Part 1: Minimum deviation method, \$138.00

OTHER

[ISO 25239-1:2020](#), Friction stir welding - Aluminium - Part 1: Vocabulary, \$45.00

[ISO 25239-2:2020](#), Friction stir welding - Aluminium - Part 2: Design of weld joints, \$45.00

[ISO 25239-3:2020](#), Friction stir welding - Aluminium - Part 3: Qualification of welding operators, \$103.00

[ISO 25239-4:2020](#), Friction stir welding - Aluminium - Part 4: Specification and qualification of welding procedures, \$138.00

[ISO 25239-5:2020](#), Friction stir welding - Aluminium - Part 5: Quality and inspection requirements, \$68.00

PHOTOGRAPHY (TC 42)

[ISO 19093/Amd1:2020](#), Photography - Digital cameras - Measuring low-light performance - Amendment 1: Chroma decrease calculation, \$19.00

POWDER METALLURGY (TC 119)

[ISO 4499-1:2020](#), Hardmetals - Metallographic determination of microstructure - Part 1: Photomicrographs and description, \$68.00

[ISO 4499-2:2020](#), Hardmetals - Metallographic determination of microstructure - Part 2: Measurement of WC grain size, \$103.00

ROAD VEHICLES (TC 22)

[ISO 19453-6:2020](#), Road vehicles - Environmental conditions and testing for electrical and electronic equipment for drive system of electric propulsion vehicles - Part 6: Traction battery packs and systems, \$185.00

[ISO 21111-3:2020](#), Road vehicles - In-vehicle Ethernet - Part 3: Optical 1-Gbit/s physical entity requirements and conformance test plan, \$232.00

[ISO 21111-5:2020](#), Road vehicles - In-vehicle Ethernet - Part 5: Optical 1-Gbit/s physical layer system requirements and test plans, \$209.00

ROLLING BEARINGS (TC 4)

[ISO 21250-2:2020](#), Rolling bearings - Noise testing of rolling bearing greases - Part 2: Test and evaluation method BQ+, \$103.00

RUBBER AND RUBBER PRODUCTS (TC 45)

[ISO 8031:2020](#), Rubber and plastics hoses and hose assemblies - Determination of electrical resistance and conductivity, \$103.00

SAFETY OF TOYS (TC 181)

[ISO 8124-7/Amd1:2020](#), Safety of toys - Part 7: Requirements and test methods for finger paints - Amendment 1, \$19.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 21072-2:2020](#), Ships and marine technology - Marine environment protection: performance testing of oil skimmers - Part 2: Light and medium viscosity oil, \$68.00

SOLID MINERAL FUELS (TC 27)

[ISO 20360:2020](#), Brown coals and lignites - Determination of the volatile matter in the analysis sample: One furnace method, \$68.00

TEXTILES (TC 38)

[ISO 1833-25:2020](#), Textiles - Quantitative chemical analysis - Part 25: Mixtures of polyester with certain other fibres (method using trichloroacetic acid and chloroform), \$45.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

[ISO 23904:2020](#), Cigarettes - Determination of selected phenolic compounds in cigarette mainstream smoke with an intense smoking regime using HPLC-FLD, \$68.00

[ISO 23905:2020](#), Cigarettes - Determination of selected phenolic compounds in cigarette mainstream smoke using HPLC-FLD, \$103.00

[ISO 23920:2020](#), Cigarettes - Determination of ammonia in cigarette mainstream smoke with an intense smoking regime using ion chromatography, \$68.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO 15638-20:2020](#), Intelligent transport systems - Framework for cooperative telematics applications for regulated commercial freight vehicles (TARV) - Part 20: Weigh-in-motion monitoring, \$232.00

ISO Technical Reports

SURFACE CHEMICAL ANALYSIS (TC 201)

[ISO/TR 14187:2020](#), Surface chemical analysis - Characterization of nanostructured materials, \$185.00

ISO Technical Specifications

AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO/TS 21569-3:2020](#), Horizontal methods for molecular biomarker analysis - Methods of analysis for the detection of genetically modified organisms and derived products - Part 3: Construct-specific real-time PCR method for detection of P35S-pat-sequence for screening for genetically modified organisms, \$103.00

PLAIN BEARINGS (TC 123)

[ISO/TS 31657-1:2020](#), Plain bearings - Hydrodynamic plain journal bearings under steady-state conditions - Part 1: Calculation of multi-lobed and tilting pad journal bearings, \$185.00

STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)

[ISO/TS 11137-4:2020](#), Sterilization of health care products - Radiation - Part 4: Guidance on process control, \$209.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO/TS 17573-2:2020](#), Electronic fee collection - System architecture for vehicle related tolling - Part 2: Vocabulary, \$45.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 14496-22/Amd1:2020](#), Information technology - Coding of audio-visual objects - Part 22: Open Font Format - Amendment 1: Color font technology and other updates, \$68.00

[ISO/IEC 27018:2020](#), Information technology - Security techniques - Code of practice for protection of personally identifiable information (PII) in public clouds acting as PII processors, \$138.00

[ISO/IEC 23093-4:2020](#), Information technology - Internet of media things - Part 4: Reference software and conformance, \$68.00

IEC Standards

ALARM SYSTEMS (TC 79)

[IEC 60839-11-5 Ed. 1.0 en:2020](#), Alarm and electronic security systems - Part 11-5: Electronic access control systems - Open supervised device protocol (OSDP), \$352.00

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

[IEC 62379-7 Ed. 1.0 b:2015](#), Common control interface for networked digital audio and video products - Part 7: Measurements, \$317.00

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

[IEC 61169-1-4 Ed. 1.0 b:2020](#), Radio-frequency connectors - Part 1-4: Electrical test methods - Voltage standing wave ratio, return loss and reflection coefficient, \$82.00

ENVIRONMENTAL CONDITIONS, CLASSIFICATION AND METHODS OF TEST (TC 104)

[IEC 60068-3-7 Ed. 2.0 b:2020](#), Environmental testing - Part 3-7: Supporting documentation and guidance - Measurements in temperature chambers for tests A (Cold) and B (Dry heat) (with load), \$82.00

[S+ IEC 60068-3-7 Ed. 2.0 en:2020 \(Redline version\)](#), Environmental testing - Part 3-7: Supporting documentation and guidance - Measurements in temperature chambers for tests A (Cold) and B (Dry heat) (with load), \$366.00

FIBRE OPTICS (TC 86)

[IEC 62149-3 Ed. 3.0 b:2020](#), Fibre optic active components and devices - Performance standards - Part 3: Modulator-integrated laser diode transmitters for 40-Gbit/s fibre optic transmission systems, \$82.00

[S+ IEC 62149-3 Ed. 3.0 en:2020 \(Redline version\)](#), Fibre optic active components and devices - Performance standards - Part 3: Modulator-integrated laser diode transmitters for 40-Gbit/s fibre optic transmission systems, \$107.00

FLAT PANEL DISPLAY DEVICES (TC 110)

[IEC 60100 Ed. 2.0 b:1962](#), Methods for the measurement of direct interelectrode capacitances of electronic tubes and valves, \$199.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

[IEC 62541-3 Ed. 3.0 b:2020](#), OPC Unified Architecture - Part 3: Address Space Model, \$387.00

[IEC 62443-3-2 Ed. 1.0 b:2020](#), Security for industrial automation and control systems - Part 3-2: Security risk assessment for system design, \$235.00

[IEC 62541-10 Ed. 3.0 b:2020](#), OPC Unified Architecture - Part 10: Programs, \$281.00

[IEC 62541-14 Ed. 1.0 b:2020](#), OPC unified architecture - Part 14: PubSub, \$410.00

[S+ IEC 62541-3 Ed. 3.0 en:2020 \(Redline version\)](#), OPC Unified Architecture - Part 3: Address Space Model, \$503.00

[S+ IEC 62541-10 Ed. 3.0 en:2020 \(Redline version\)](#), OPC Unified Architecture - Part 10: Programs, \$366.00

SECONDARY CELLS AND BATTERIES (TC 21)

[IEC 62932-1 Ed. 1.0 b:2020](#), Flow battery energy systems for stationary applications - Part 1: Terminology and general aspects, \$82.00

[IEC 62932-2-1 Ed. 1.0 b:2020](#), Flow battery energy systems for stationary applications - Part 2-1: Performance general requirements and test methods, \$82.00

[IEC 62932-2-2 Ed. 1.0 b:2020](#), Flow battery energy systems for stationary applications - Part 2-2: Safety requirements, \$199.00

SEMICONDUCTOR DEVICES (TC 47)

[IEC 62435-8 Ed. 1.0 b:2020](#), Electronic components - Long-term storage of electronic semiconductor devices - Part 8: Passive electronic devices, \$117.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

[IEC 62109-3 Ed. 1.0 b:2020](#), Safety of power converters for use in photovoltaic power systems - Part 3: Particular requirements for electronic devices in combination with photovoltaic elements, \$199.00

IEC Technical Specifications

NANOTECHNOLOGY STANDARDIZATION FOR ELECTRICAL AND ELECTRONIC PRODUCTS AND SYSTEMS (TC 113)

[IEC/TS 62607-6-1 Ed. 1.0 en:2020](#), Nanomanufacturing - Key control characteristics - Part 6-1: Graphene-based material - Volume resistivity: Four probe method, \$235.00

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

Hardwood Plywood Veneer Association (HPVA)

The reaccreditation of the Hardwood Plywood Veneer Association (HPVA), an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under its recently revised operating procedures for documenting consensus on HPVA-sponsored American National Standards, effective July 8, 2020. For additional information, please contact: Mr. Brian Sause, Hardwood Plywood Veneer Association, 42777 Trade West Drive, Sterling, VA 20166; phone: 703.435.2900, ext. 127; e-mail: standards@decorativehardwoods.org.

International Organization for Standardization (ISO)

Establishment of ISO Technical Committee

ISO/TC 330 - Surfaces with Biocidal and Antimicrobial Properties

A new ISO Technical Committee, ISO/TC 330 - Surfaces with biocidal and antimicrobial properties, has been formed. The Secretariat has been assigned to France (AFNOR).

ISO/TC 330 operates under the following scope:

Standardization of test methods used to assess the biocidal performance and efficacy of any surfaces with antimicrobial activities, including their compatibility with different families of disinfectants and cleaning agents. Such methods aim at evaluating the biocidal activity (i.e. that which irreversibly inactivates microorganism) and at differentiating it from the biostatic activity (i.e. the inhibition of the growth of microorganisms).

The field covers the assessment of surfaces displaying intrinsic biocidal properties and of surfaces processed by any means so as to deliver biocidal properties under normal environmental conditions for human beings. The field targets only surfaces, regardless of their final use.

Areas of interest include medical and veterinary applications, aerospace, agriculture, food, hygiene and other industrial fields, institutional and domestic applications.

Excluded: Toxicological and ecotoxicological surface testing methods, disinfection processes, antimicrobial activities of textile and porous products (including footwear), photocatalysis and nanotechnologies, component and not a material, which can be directly used in electric vehicles, digital cameras, electric motorcycles, etc.

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

ISO/TC 331 - Biodiversity

A new ISO Technical Committee, ISO/TC 331 - Biodiversity, has been formed. The Secretariat has been assigned to France (AFNOR).

ISO/TC 331 operates under the following scope:

Standardization in the field of Biodiversity to develop requirements, principles, framework, guidance and supporting tools in a holistic and global approach for all relevant organizations, to enhance their contribution to Sustainable Development.

Excluded: standardization of test and measurement methods for ecological quality of water, air, soil and marine environment.

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

ISO/TC 332 - Security Equipment for Financial Institutions

A new ISO Technical Committee, ISO/TC 332 - Security equipment for financial institutions, has been formed. The Secretariat has been assigned to India (BIS).

ISO/TC 332 operates under the following scope:

Standardization in the field of safes, cash boxes, strong room doors and safe deposit locker cabinets, ventilation equipment for strong room used in banks, financial institutions and commercial organization etc.

The standards formulated by this technical committee deals with specification and test methods of physical security products used in banks, financial institutions, commercial organization and by jewelers.

Excluded are the fields covered by ISO/TC 68 (Financial services).

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

ISO/TC 333 - Lithium

A new ISO Technical Committee, ISO/TC 333 - Lithium, has been formed. The Secretariat has been assigned to China (SAC).

ISO/TC 333 operates under the following scope:

Standardization in the field of lithium mining, concentration, extraction, separation and conversion to useful lithium compounds/materials (including oxides, salts, metals, master alloys, lithium-ion battery materials, etc.) The work program includes terminology, technical conditions of delivery to overcome transport difficulties, unified testing and analysis methods to improve the general quality of lithium products.

Excluded: Battery

Note: Battery is a component and not a material, which can be directly used in electric vehicles, digital cameras, electric motorcycles, etc.

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

ISO Proposal for a New Field of ISO Technical Activity

Reference Materials

Comment Deadline: August 14, 2020

For a number of years, ISO has had a policy development committee named ISO REMCO which has developed a series of ISO Guides for Reference Materials. Recently, the ISO/TMB noted that most, if not all, ISO REMCO Guides should be issued as ISO standards rather than ISO Guides by the nature of their content and intended user community. Therefore, the agreement of ISO REMCO, the ISO/TMB is proposal this new ISO TC on Reference Materials, which is essentially the conversion of ISO REMCO into a TC, with the following scope statement:

Standardization in the competent production and use of reference materials, including the concepts, terms and definitions related to reference materials.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, August 14, 2020.

Meeting Notices

ANSI Z9 Committee for Ventilation Systems

American Society of Safety Professionals (ASSP (Safety)) serves as the secretariat of the ANSI Z9 Committee for Ventilation Systems. The next meeting of the Z9 Committee will take place on August 6, 2020 via a conference call. Those interested in participating can contact ASSP for additional information. Contact: Ovidiu Munteanu: (847) 699-2929; OMunteanu@ASSP.org.

Information Concerning

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Laboratory Design

Comment Deadline: August 14, 2020

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

Standardization in the field of laboratory design including site selection, design of internal layout of space and services with the objective to provide functional, safe, energy efficient and sustainable laboratories taking into account environmental impact, the practical division of experimental and support areas and layouts plus model selection of laboratory furniture. It includes standardization of apparatus and devices for personal safety aspects that are an integral part of the laboratory. Design of devices and apparatus for experiment purposes covered by ISO/TC 48 as well as design of measuring instruments are excluded from the scope.

Excluded:

- *ISO/TC 48 (laboratory equipment);*
- *ISO/TC 212 (Clinical laboratory testing and in vitro diagnostic test systems);*
- *CASCO;*
- *IEC/TC 66 (Safety of measuring, control and laboratory equipment);*
- *ISO/TC 209 (Clean rooms).*

Note:

Once the new TC is established, liaisons with other relevant ISO technical committees will be established, including:

- *ISO/TC 48 (laboratory equipment);*
- *ISO/TC 212 (Clinical laboratory testing and in vitro diagnostic test systems);*
- *CASCO;*
- *ISO/TC 136 (Furniture);*

- *ISO TC 307 (Blockchain and distributed ledger technologies);*
- *ISO/TC 159 (Ergonomics);*

as well as relevant IEC technical committees:

- *IEC/TC 64 (Electrical installations and protection against electric shock);*
- *IEC/TC 81 (Lightning protection);*
- *IEC/TC 85 (Measuring equipment for electrical and electromagnetic quantities);*
- *IEC/TC 45 (Nuclear instrumentation);*
- *IEC/TC 62 (Electrical equipment in medical practice);*
- *IEC/TC 65 (Industrial-process measurement, control and automation);*
- *IEC/TC 76 (Optical radiation safety and laser equipment);*
- *IEC/TC 104 (Environmental conditions, classification and methods of test);*
- *and ISO/IEC JTC 1 (Information technology).*

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, August 14, 2020.



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

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- *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.

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**BSR/ASHRAE Addendum b
to ANSI/ASHRAE Standard 62.2-2019**

Public Review Draft

**Proposed Addendum b to
Standard 62.2-2019, Ventilation and
Acceptable Indoor Air Quality in
Residential Buildings**

**First Public Review (March 2020)
(Draft shows Proposed Changes to Current Standard)**

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

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

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

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

FOREWORD

Disentangling the requirements of ventilation rate, control, and operation makes the Standard easier to follow, enforce, and maintain over time. This proposed addendum clears up the issue that SSPC 62.2 has been struggling with regarding to whom the controls should be readily accessible. It is now clear that the dwelling unit occupant is the target of the readily accessible requirement except in the case of continuous local mechanical exhaust in multifamily dwelling units.

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

Addendum b to 62.2-2019

Revise Sections 5.1, 5.2 and 5.3 as shown below. The remainder of Section 5 is unchanged.

5. LOCAL EXHAUST

5.1 Local Mechanical Exhaust. A local mechanical exhaust system shall be designed and provided~~installed~~ in each kitchen and bathroom and shall be one of the following. ~~Nonenclosed kitchens shall be provided with a demand-controlled mechanical exhaust system meeting the requirements of Section 5.2. Each local ventilation system for all other kitchens and bathrooms shall be either one of the following:~~

- a. A demand-controlled local mechanical exhaust system meeting the requirements of Section 5.2; or
- b. A continuous local mechanical exhaust system meeting the requirements of Section 5.3.

Exception to 5.1(b): Nonenclosed kitchens shall be provided with a demand-controlled local mechanical exhaust system meeting the requirements of Section 5.2.

Exception to 5.1: Alternative Ventilation. Other design methods ~~may be used to that~~ provide the required minimum exhaust airflow rates shall be permitted when approved by a licensed design professional.

5.2 Demand-Controlled Local Mechanical Exhaust. A demand-controlled local mechanical exhaust system shall be designed ~~to be operated as needed~~ comply with the following requirements.

5.2.21 Ventilation Rate. The demand-controlled local mechanical exhaust system's rated airflow shall be at least the amount required in Table 5.1 at one or more fan speed settings. The minimum airflow rating shall be at least the amount indicated in Table 5.1.

5.2.12 Controls and Operation. Demand-controlled local mechanical exhaust systems shall be provided with at least one of the following controls, readily accessible to the dwelling unit occupant:

BSR/ASHRAE Addendum b to ANSI/ASHRAE Standard 62.2-2019, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings*
First Public Review Draft

- a. A ~~readily accessible occupant controlled manual~~ ON-OFF control.
- b. An automatic control that does not impede ~~occupant manual~~ ON control.

5.2.3 Operation. Demand-controlled local mechanical exhaust systems shall be designed to be operated as needed.

5.3 Continuous Local Mechanical Exhaust. A continuous local mechanical exhaust system shall be designed and provided ~~installed to operate continuously~~. The system may be part of a balanced mechanical ventilation system. See ~~ASHRAE Guideline 24, Chapter 10, for guidance on selection of methods.~~

5.3.21 Ventilation Rate. The continuous local mechanical exhaust system's rated airflow shall be at least the amount required in Table 5.2. ~~The minimum delivered ventilation shall be at least the amount indicated in Table 5.2 during each hour of operation.~~

5.3.12 Control and Operation. A ~~readily accessible manual~~ ON-OFF control, readily accessible to the dwelling unit occupant, shall be provided ~~for each continuous mechanical exhaust system. The system shall be designed to operate during all occupiable hours.~~

Exception to 5.3.21: For multifamily dwelling units, the manual ON-OFF control shall not be required to be readily accessible to the dwelling unit occupant.

5.3.3 Operation. The continuous local mechanical exhaust system shall be operated as designed.

[...]



**BSR/ASHRAE Addendum k
to ANSI/ASHRAE Standard 34-2019**

Public Review Draft

**Proposed Addendum k to
Standard 34-2019, Designation and
Safety Classification of
Refrigerants**

**First Public Review (July 2020)
(Draft shows Proposed Changes to Current Standard)**

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

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

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FOREWORD

This proposed addendum ensures blends with the same components cannot have an identical composition, including the allowance for the component composition tolerances.

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

Addendum k to Standard 34-2019

Add new Section 4.4.3 as shown.

4.4.3 Composition Uniqueness. To ensure composition uniqueness, blends with the same components, shall have at least one component range, including tolerances, that does not overlap, and is separated by a minimum of 0.1% m/m. See Informative Appendix H, “Examples of Composition Uniqueness,” for an example.

Add new Informative Appendix H as shown.

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

INFORMATIVE APPENDIX H—EXAMPLES OF COMPOSITION UNIQUENESS

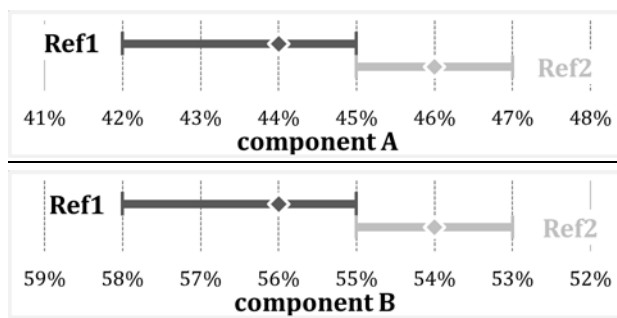
Section 4.4.3 requires that blends comprising the same components shall have at least one component with composition range, including tolerances, that does not overlap. This requirement ensures that blends have unique compositions. That is, the composition resulting from a blend analysis can be assigned unambiguously to only a single refrigerant designation. This informative appendix provides examples to help visualize and clarify this requirement.

H1. EXAMPLE—BINARY BLENDS

Table H-1 lists example compositions for two binary blends comprising Component A and Component B that are not unique. Note that the concentration of Component A can be 45.0 mass % and that of Component B can be 55.0 mass % in both Refrigerant 1 and Refrigerant 2. This is shown visually in Figure H-1 where the edge of the lower range of component A in Refrigerant 2 is coincident with the edge of the upper range of Refrigerant 1 and vice versa for Component B.

Table H-1 Two Binary Blends That Are Not Unique

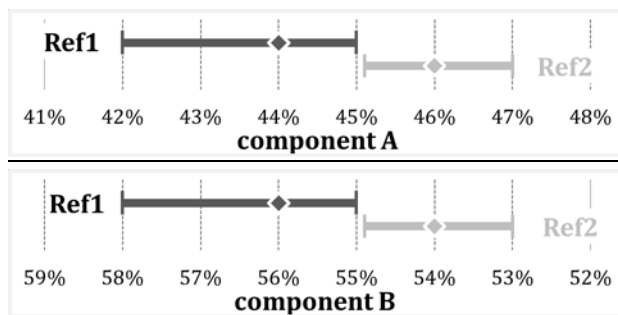
<u>Component</u>	<u>Concentration (mass %)</u>	
	<u>A</u>	<u>B</u>
Refrigerant 1	44.0	56.0
Tolerances	-2.0 / +1.0	-1.0 / +2.0
Range	42.0 – 45.0	55.0 – 58.0
Refrigerant 2	46.0	54.0
Tolerances	±1.0	±1.0
Range	45.0 – 47.0	53.0 – 55.0

**Figure H-1 Two Binary Blends That Are Not Unique**

Presuming that Refrigerant 1 received its designation first, the tolerances on Refrigerant 2 would need to be made smaller to make its composition unique. An example is listed in Table H-2. Here, the lower tolerance on Component A in Refrigerant 2 has been decreased by 0.1 mass % (the smallest increment allowed in Section 4.4.2 for reporting compositions). As seen in Figure H-2, the ranges for Refrigerant 1 and Refrigerant 2 no longer share coincident edges.

Table H-2 Two Binary Blends That Are Unique

<u>Component</u>	<u>Concentration (mass %)</u>	
	<u>A</u>	<u>B</u>
Refrigerant 1	44.0	56.0
Tolerances	-2.0 / +1.0	-1.0 / +2.0
Range	42.0 – 45.0	55.0 – 58.0
Refrigerant 2	46.0	54.0
Tolerances	-0.9 / +1.0	-1.0 / +0.9
Range	45.1 – 47.0	53.0 – 54.9

**Figure H-2 Two Binary Blends That Are Unique**

Alternatively, the tolerances for Refrigerant 2 could have been kept the same as those in Table H-1 and the nominal composition adjusted upward by a minimum of 0.1 mass % in Component A to create a blend unique from Refrigerant 1.

H2. EXAMPLE—TERNARY BLENDS

Table H-3 lists example compositions for two ternary blends comprising Component A, B, and C that are not unique. The concentrations of Components B and C are allowed to overlap if the concentrations of Component A does not. However, in this case, the upper boundary of Component A concentration in Refrigerant 2 (19.0) coincides with lower boundary of Refrigerant 1 (19.0). This is shown visually in Figure H-3. The hexagonal cells, created by the intersections of the tolerance ranges on each of the components, represent the range of compositions associated with each of the blends Refrigerant 1 and Refrigerant 2. Note that they share a common boundary along the Component A concentration line of 19.0 mass %.

Table H-3 Two Ternary Blends That Are Not Unique

Component	Concentration (mass %)		
	A	B	C
Refrigerant 1	20.0	40.0	40.0
Tolerances	±1.0	±1.0	±1.0
Range	19.0 – 21.0	39.0 – 41.0	39.0 – 41.0
Refrigerant 2	18.0	41.0	41.0
Tolerances	±1.0	±1.0	±1.0
Range	17.0 – 19.0	40.0 – 42.0	40.0 – 42.0

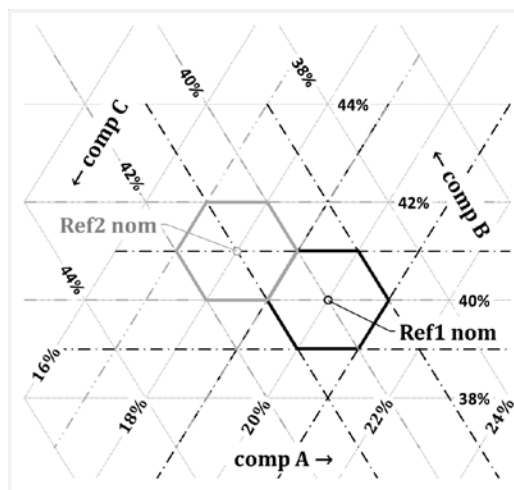
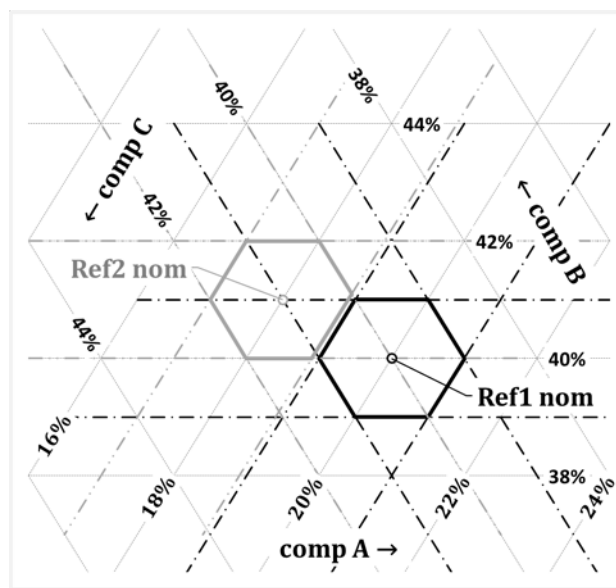


Figure H-3 Two Ternary Blends That Are Not Unique

Presuming that Refrigerant 1 received its designation first, the tolerance on Component A in Refrigerant 2 would need to be made smaller to make its composition unique. An example is listed in Table H-4. Here, the upper tolerance on Component A in Refrigerant 2 has been decreased by 0.1 mass %. As seen in Figure H-4, the ranges for Refrigerant 1 and Refrigerant 2 no longer share coincident boundaries.

Table H-4 Two Ternary Blends That Are Unique

<u>Component</u>	<u>Concentration (mass %)</u>		
	<u>A</u>	<u>B</u>	<u>C</u>
<u>Refrigerant 1</u>	<u>20.0</u>	<u>40.0</u>	<u>40.0</u>
<u>Tolerances</u>	<u>±1.0</u>	<u>±1.0</u>	<u>±1.0</u>
<u>Range</u>	<u>19.0 – 21.0</u>	<u>39.0 – 41.0</u>	<u>39.0 – 41.0</u>
<u>Refrigerant 2</u>	<u>18.0</u>	<u>41.0</u>	<u>41.0</u>
<u>Tolerances</u>	<u>-1.0/+0.9</u>	<u>±1.0</u>	<u>±1.0</u>
<u>Range</u>	<u>17.0 – 18.9</u>	<u>40.0 – 42.0</u>	<u>40.0 – 42.0</u>

**Figure H-4 Two Ternary Blends That Are Unique**

As with the binary blends, an alternative is to simply move the nominal composition so that the blend range of Refrigerant 2 is not coincident with the range of Refrigerant 1.



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Revisions to ANSI/AWWA G480, Water Conservation and Efficiency Program Operation and Management

Proposed changes to AWWA G480-XX on Water Conservation and Efficiency Program Operation and Management:

This change applies solely to AWWA G480-XX, Sec. 4.3.3.1, changes from the March 27, 2020, draft of the standard as follows (changes in ~~strikeout~~/underline format):

4.3.3.1 Billing frequency. Retail billing frequency ~~shall~~ should be monthly. Bimonthly, quarterly, seasonal, or annual billing is not sufficient to provide regular feedback on demand to customers.

Tracking number 330i11r1
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Revision to NSF/ANSI 330-2019
Issue 11 Revision 1 (June 2020)

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NSF/ANSI Standard for Drinking Water Treatment Units –

Glossary of Drinking Water Treatment Unit Terminology

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3 Definitions

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3.186.5 grains per gallon (GPG): A unit of concentration equal to 17.1 mg/L as calcium carbonate equivalence, usually used to express the hardness of water.

3.186.6 hardness: A measurement of the concentration of divalent and trivalent cations, primarily calcium and magnesium, in drinking water. Hardness is typically expressed as GPG or mg/L as calcium carbonate equivalent.

3.186.7 hardness leakage: (As used in NSF/ANSI 44) Hardness present in the effluent from a water softener.

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3.186.20 soft water: (As used in NSF/ANSI 44) Water containing less than 1 GPG calcium carbonate equivalent of dissolved hardness.

3.186.21 water softening: The reduction or removal of **dissolved** hardness ions from water.

3.187 water softening: See *water softener*.

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Rationale: *These changes are proposed to ensure that the three relevant clauses are consistent and will help to eliminate confusion.*

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NSF/ANSI Standard For Wastewater Technology –

Onsite residential and commercial water reuse treatment systems

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8 Performance testing and evaluation

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8.6 Criteria (applicable to all reuse systems evaluated in accordance with Sections 8.1, 8.2, and 8.3)

8.6.1 General

8.6.1.1 If conditions during the testing and evaluation period result in system upset, improper sampling, improper dosing, or influent characteristics outside of the specified ranges, an assessment shall be conducted to determine the extent to which these conditions adversely affected the performance of the system. Based on this assessment, it is acceptable to exclude specific data points from the averages of effluent measurements. Rationale for all data exclusions shall be documented in the final report.

8.6.1.2 When the 30-day average or geometric mean concentration of one or more individual influent parameters are less than the required minimum value, individual data days may be excluded to bring the 30-day period within range. When influent data is excluded from the averages, all influent and effluent data from that day shall also be excluded. All data exclusions shall be noted in the final report.

8.6.1.3 In the event that a catastrophic site problem not described in this Standard including, but not limited to, influent characteristics (including influent total coliform or *E.coli* results exceeding the single sample maximum values during testing under Section 8.1), malfunctions of test apparatus, and acts of nature, jeopardizes the validity of the performance testing and evaluation, manufacturers shall be given the choice to:

- perform maintenance on the system, reinitiate system start-up procedures, and restart the performance testing and evaluation; or
- with no routine maintenance performed, have the system brought back to pre-existing conditions and resume testing within 3 wk (21 d) after the site problem has been identified and corrected. Data collected during the system recovery period shall be excluded from averages of effluent measurements.

Pre-existing conditions shall be defined as the point when the results of three consecutive data days are within 15% of the previous 30-day average(s).

8.6.1.4 During the design loading sequence, a minimum of $\frac{2}{3}$ of the total scheduled data days shall be necessary for the test to be considered valid. When the minimum number of data days is not met, additional sampling days shall be added to the normal required test period until the $\frac{2}{3}$ minimum is met. When adding

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additional sample days is not enough or not possible, the test shall be extended until the $\frac{2}{3}$ minimum has been met.

8.6.1.5 During the stress loading sequence (Sections 8.1.2.2.2 and 8.2.2.2.2), a minimum of $\frac{2}{3}$ of the total scheduled data days and from at least one of the scheduled data days during any single stress recovery shall be necessary for the test to be considered valid. When the minimum number of data days is not met during stress loading and recovery, individual stress events (including stress recovery) shall be repeated until these minimum requirements have been met. When selecting which stress events to repeat, the event with the fewest number of valid data days shall be selected first, followed by the events with the next fewest number of valid data days until minimum requirements for number of valid samples have been met.

8.6.1.6 A 30-day average or 30-day geo mean average discharge value shall consist of a minimum of 50% of the regularly scheduled sampling days per month. If a 30-day period contains less than the required number of data days, it is permissible to transfer sufficient data days from the preceding 30-day period to constitute a 30-day average or 30-day geo mean discharge value. If there are not sufficient data days available in the preceding 30-day period, it is permissible for the transfer of data days to take place from the following 30-day period to constitute a 30-day average or 30-day geo mean discharge value. No data day shall be included in more than one 30-day average or 30-day geo mean discharge value.

8.6.1.7 When a sample result is less than the detection limit, the detection limit shall be used as the value for the purpose of calculating the 30-day average or 30-day geo mean. When all of the sample results in a 30-day period are less than the detection limit, the 30-day average or 30-day geo mean shall be reported as less than the detection limit.

8.6.1.8 When a system does not discharge at least 50% of its rated daily hydraulic capacity for 5 consecutive days, the system is in malfunction. An assessment shall be conducted to determine the root cause for the discharge failure. Manufacturers shall be given the choice to follow one of the options in 8.6.1.3.

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NSF/ANSI Standard
For Wastewater Technology –

Onsite Residential and Commercial Water Reuse Treatment Systems

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8 Performance testing and evaluation

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8.1.2.3 Dosing volumes

The 30-day average volume of the wastewater delivered to the system shall be within 100% ± 10% of the system's rated hydraulic capacity.

All dosing days, except those with dosing requirements less than or greater than the daily hydraulic capacity shall be included in the 30-day average calculation

8.1.2.4 Color, odor, foam, and oily film assessments

During the 6 mo (26 wk [182 d]) testing and evaluation, a total of three effluent samples shall be assessed for color, odor, foam, and oily film. The assessments shall be conducted on effluent composite samples selected randomly during the first phase of design loading, the period of stress loading, and the second phase of design loading.

UL 61800-5-1, Standard for Safety for Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy

DVD.2.1.3.6 LIVE PARTS or portions of LIVE PARTS which extend through a primary Type 12 enclosure must be protected from dripping non-corrosive liquids and circulating dust. Protection from dripping non-corrosive liquids shall comply with either method in a) or b) of the following methods; protection from circulating dust shall comply with either method in c) or d) of the following methods. Protection from dripping non-corrosive liquids shall be verified by the Drip Test or Atomized Water Test of UL 50E, protection from circulating dust shall be verified by the Dust test or Atomized Water Test of UL 50E. With respect to a) and c) below, a material is considered to be integral to the LIVE PART if a clearance equal to or greater than the required clearance for basic insulation of the LIVE PART is not maintained between any portion of the LIVE PART and that material.

a) If protection from dripping non-corrosive liquids is provided by electrical insulation integral to the insulated LIVE PART, the insulation material must meet either the requirements for Flame Rating, RTI, HWI, HAI, and CTI as described in 4.4.2.2.DV, or be **one** of the generic materials of Table 14 as described in Insulating Materials, 4.4.2.2. **aAdditionally** the material must meet the requirements for Volume Resistivity and Dielectric Strength, both of the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C, following exposure to water per Water Exposure and Immersion of UL 746C.

b) If protection from dripping liquids is provided by mechanical means such as a cavity, channel, hood, or guard, the construction must inhibit contact with dripping liquids when the assembly including primary enclosure is subjected to the Drip Test of the Standard for Enclosures for Electrical Equipment, Environmental Considerations, UL 50E with the enclosure mounted in all orientations allowed.

c) If protection from circulating dust is provided by electrical insulation integral to the LIVE PART, the insulation material must meet the requirements for Flame Rating, RTI, HWI, HAI and CTI or generic materials as described in Insulating Material, Section 4.4.2.

d) If protection from circulating dust is provided by mechanical means such as a cavity, channel, hood, or guard, the construction must inhibit contact with circulating dust or atomized water when the assembly including primary enclosure is subjected to either the Dust Test or the Atomized Water Test of the Standard for Enclosures for Electrical Equipment, Environmental Considerations, UL 50E with the enclosure mounted in all orientations allowed. Verification of contaminant ingress is to be accomplished by disassembly and visual inspection immediately following the conclusion of the test.

Note: Compliance with a) for protection from dripping non-corrosive liquids also achieves compliance with c) for protection from circulating dust.

DVD.2.1.3.7 LIVE PARTS or portions of LIVE PARTS which extend through a primary Type 4 or 4X enclosure must be protected from rain, splashing water, and hose-directed water by either of the following methods:

a) If protection from rain, splashing water, and hose-directed water is provided by electrical insulation integral to the LIVE PART, the insulation material must meet the requirements for Flame Rating, RTI, HWI, HAI, and CTI as described in 4.4.2.2.DV, or be **one** of the generic materials of Table 14 as described in Insulating Materials, 4.4.2.2. **aAdditionally** the material must meet the requirements for Volume Resistivity and Dielectric Strength, both of the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C, following exposure to water per Water Exposure and Immersion of UL 746C.

b) If protection from rain, splashing water, and hose-directed water is provided by mechanical means such as a cavity, channel, hood, or guard, the construction must inhibit contact with rain, splashing water, and hose-directed water when the assembly including primary enclosure is

subjected to the Hosedown Test of clause DVD.2.1.3.7.1 with the enclosure mounted in all orientations allowed.

DVD.2.1.3.7.1 Regardless of the protection means selected in DVD.2.1.3.7 a) or b), **protection** from water must be verified by the Hosedown Test of UL 50E, the Standard for Enclosures for Electrical Equipment, Environmental Considerations. At the conclusion of the Hosedown Test, no water is allowed to be in contact with uninsulated live parts other than uninsulated live parts in limited voltage/current circuits, as described in Annex DVC, that might be exposed **in places** such as the windings of a cooling fan supplied by a limited voltage/current source. Water is allowed to contact insulating material **in compliance with DVD.2.1.3.7 a)**. Verification of water ingress is to be accomplished by disassembly and visual inspection immediately following the conclusion of the test.

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BSR/UL 427, Standard for Safety for Refrigerating Units

1. Proposed Revision to Replace the References to the Standard For Power Conversion Equipment, UL 508C, With Reference to the Standard For Adjustable Speed Electric Power Drive Systems, UL 61800-5-1

19.2.2 Except as indicated in 19.2.1(c) and (f), electronically protected motor circuits shall comply with one of the following:

- a) The Standard for Tests for Safety-Related Controls Employing Solid-State Devices, UL 991. When the protective electronic circuit is relying upon software as a protective component, it shall comply with the requirements in the Standard for Software in Programmable Components, UL 1998. If software is relied upon to perform a safety function, it shall be considered software Class 1;
- b) The Standard for Automatic Electrical Controls - Part 1: General Requirements, UL 60730-1 as well as the Standard for Automatic Electrical Controls for Household and Similar Use, Part 2: Particular Requirements for Temperature Sensing Controls, UL 60730-2-9. If software is relied upon to perform a safety function, it shall be considered software Class B; or,
- c) ~~The Standard for Power Conversion Equipment, UL 508C~~ Standard for Adjustable Speed Electric Power Drive Systems UL 61800-5-1 for a power conversion controller incorporating overcurrent protection with the percentage protection set as indicated in Table 19.1.

Exception: Compliance with the above standards is not required for an electronically protected motor circuit if there is no risk of fire, electric shock, or casualty hazard during abnormal testing with the motor electronic circuit rendered ineffective.

19.4.1 Hermetic refrigerant motor-compressors shall be protected in accordance with one or more of the following:

- a) The requirements in the Standard for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Motor-Compressors, UL 60335-2-34; or
- b) ~~The Standard for Power Conversion Equipment, UL 508C~~ Standard for Adjustable Speed Electric Power Drive Systems UL 61800-5-1; for a power conversion controller incorporating overcurrent protection with the percentage protection set as indicated in Table 19.1.

20.20 Operating controls shall comply with one of the following:

- a) The Standard for Temperature-Indicating and Regulating Equipment, UL 873;

- b) The Standard for Solid State Controls for Appliances, [UL 244A](#);
- c) The Standard for Automatic Electrical Controls - Part 1; General Requirements, [UL 60730-1](#) and the specific applicable Part 2 Standard;
- d) The Standard for Industrial Control Equipment [UL 508](#); or
- e) ~~The Standard for Power Conversion Equipment, [UL 508C](#)~~ Standard for Adjustable Speed Electric Power Drive Systems UL 61800-5-1.

Exception: An electronic control that is simple in design need only be subjected to the applicable requirements of this end-product standard. . A control that does not include an integrated circuit or microprocessor, but does consist of a discrete switching device, capacitors, relays, transistors, and resistors, is considered simple in design.

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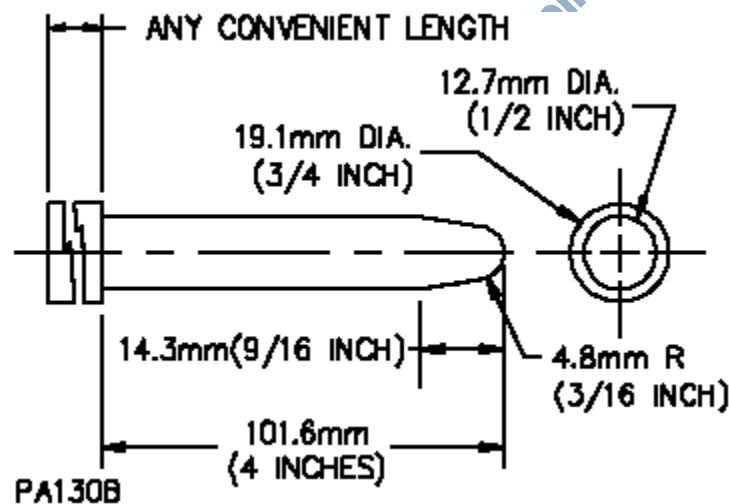
UL 977, Standard for Safety for Fused Power-Circuit Devices

24A Accessibility of live parts in service equipment

24A.1 Fused power-circuit devices marked for service equipment use shall be constructed such that, with the switch in the off position, no ungrounded uninsulated live part is exposed to inadvertent contact by persons while servicing any field connected load termination, including a neutral load terminal, an equipment grounding terminal, or the neutral disconnect link. Exposure to inadvertent contact is determined by use of the probe illustrated in Figure 24A.1. If restriction to the line-side of the service disconnect is dependent on the installation of field installed service conductors, conductors sized in accordance with Table 26.1 shall be installed in the terminals when determining exposure to inadvertent contact. All live parts of the line side service terminal, including the connector body and pressure screw shall be evaluated. For devices suitable for more than one type of terminal, the evaluation shall be conducted with all types of terminals.

NOTE: In accordance with the Standard for Electrical Safety in the Workplace, NFPA 70E, an electrically safe work condition should be established prior to working on electrical equipment. Accessibility requirements do not endorse working on energized electrical equipment.

Figure 24A.1
Straight probe



24A.2 Metal barriers provided to limit exposure to inadvertent contact shall:

- Have a thickness not less than 0.032 inch (0.81 mm) if uncoated, not less than 0.034 inch (0.86 mm) if galvanized, and not less than 0.050 inch (1.27 mm) if aluminum.
- Be constructed so that it can be readily removed or repositioned, and then re-installed, without the likelihood of contacting bare live parts or damage the insulation of any insulated live part.

Exception: Factory installed barriers that limit access to factory installed wiring and terminations are not required to be constructed so that they can be removed or repositioned.

24A.3 Nonmetallic barriers provided to limit exposure to inadvertent contact shall:

- Comply with requirements in 20.9 for barriers used in conjunction with a minimum air space of 0.013 inch (0.33 mm).

b) Be constructed so that it can be readily removed or repositioned, and then re-installed, to allow access to the terminal for servicing.

Exception: Factory installed barriers that limit access to factory installed wiring and terminations are not required to be constructed so that they can be removed or repositioned.

24A.4 Fused power-circuit devices marked "Suitable for use as service equipment" shall be permitted to provide the protection from inadvertent contact in 24A.1 in a field installable kit when marked in accordance with 50.37.

50.37 Fused power-circuit devices marked "Suitable for use as service equipment" and provided with protection from inadvertent contact in a field installable kit, as permitted in 18A.4, shall be marked "Install Service Barrier Kit, Cat. Number _____" or equivalent.

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BSR/UL 1240, Standard for Safety for Electric Commercial Clothes-Drying Equipment***1. Proposed Revision to Replace the References to the Standard For Power Conversion Equipment, UL 508C, With Reference to the Standard For Adjustable Speed Electric Power Drive Systems, UL 61800-5-1***

20A.2.4 As an alternative to the requirements in [20A.2.1](#), power conversion equipment intended to control a variable speed motor load (e.g. a variable frequency drive) can comply with UL 508C Standard for Adjustable Speed Electric Power Drive Systems UL 61800-5-1. See Section [17](#) for the motor-overload protection requirements.

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BSR/UL 1786, Standard for Safety for Direct Plug-In Nightlights

1. Added Requirements for Portable Battery-Powered Nightlights

7.22 Rechargeable nightlights

7.22.1 In addition to the applicable requirements in this Standard, nightlights incorporating a rechargeable battery and provided with a charging circuit, shall comply with the construction requirements for rechargeable flashlights in Annex F.

7.22.2 A nightlight incorporating a rechargeable battery that complies with all the requirements in the body of this standard is considered to fulfil the requirements of Annex F if the battery complies with one of the applicable standards as noted in 7.22.2.1 or 7.22.2.2.

7.22.2.1 In Canada, a rechargeable battery shall comply with CSA 0.23 or CSA 62133-2 and comply with clause 7.22.2.3.

7.22.2.2 In the United States, a rechargeable battery shall comply with UL 2054 or UL 62133-2 and comply with clause 7.22.2.3.

7.22.2.3 The following additional criteria apply:

1) For the Temperature Test, Clause 9.1.2(b) is modified as follows: The nightlights shall be operated continuously at normal load during battery charging, and during battery discharging conditions until temperatures become constant.

2) Protective devices employing electronics shall be evaluated. If Software Safety Circuits are provided, it shall comply with:

a) In Canada, CSA C22.2 No. 0.8.

b) In the United States, UL 991 and UL 1998, or UL 60730-1.