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# 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.

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

613 Third Street, Suite 10, Annapolis, MD 21403 [www.abycinc.org](http://www.abycinc.org)  
 Contact: Sara Moulton; [smoulton@abycinc.org](mailto:smoulton@abycinc.org)

### ***New Standard***

BSR/ABYC C-7-202x, DC Battery Switches for Use on Boats (new standard)

Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations.

Project Need: Address the safety related to battery switches used in DC electrical systems on boats.

Scope: This standard applies to the design, construction, testing, and operating characteristics of battery switches in DC electrical systems rated less than 60 VDC used on boats.

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

613 Third Street, Suite 10, Annapolis, MD 21403 [www.abycinc.org](http://www.abycinc.org)  
 Contact: Sara Moulton; [smoulton@abycinc.org](mailto:smoulton@abycinc.org)

### ***Revision***

BSR/ABYC H-5-202x, Boat Load Capacity (revision of ANSI/ABYC H-5-2017)

Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations.

Project Need: This standard addresses the maximum weight and persons capacity of boats.

Scope: This standard applies to all boats less than 26 ft (7.9 m) in length overall (LOA), including catamarans, and to all boats with upper decks.

## **ASME (American Society of Mechanical Engineers)**

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 [www.asme.org](http://www.asme.org)  
 Contact: Terrell Henry; [ansibox@asme.org](mailto:ansibox@asme.org)

### ***Revision***

BSR/ASME B18.9-202x, Plow Bolts (revision of ANSI/ASME B18.9-2012 (R2017))

Stakeholders: Producers/manufacturers, users, designers, etc.

Project Need: The Standard will be updated to bring it up to date with current business practices.

Scope: This Standard covers general and dimensional data for inch-series plow bolts recognized as American National Standard.

**ASME (American Society of Mechanical Engineers)**

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 [www.asme.org](http://www.asme.org)

Contact: Terrell Henry; [ansibox@asme.org](mailto:ansibox@asme.org)

**Revision**

BSR/ASME B18.31.1M-202x, Metric Continuous and Double End Studs (revision of ANSI/ASME B18.31.1M-2008 (R2016))

Stakeholders: Users, distributors, producers/manufacturers, etc.

Project Need: The Standard will be revised to bring it up to date with current business practices.

Scope: This Standard covers the complete dimensional and general data for continuous-thread and double-end metric series studs.

**ASTM (ASTM International)**

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 [www.astm.org](http://www.astm.org)

Contact: Laura Klineburger; [accreditation@astm.org](mailto:accreditation@astm.org)

**New Standard**

BSR/ASTM D7856-202x, Specification for Color and Appearance Retention of Solid and Variegated Color Plastic Siding Products using CIE Lab Color Space (new standard)

Stakeholders: Plastic Building Products industries.

Project Need: The exposure locations and durations specified in this standard have been shown to provide a good estimation of the color change in vinyl and polypropylene siding products over an extended period of service (see 2.2). It is expected that materials designed for the exposure conditions typical of exterior siding will respond similarly, but the applicability of this standard to other types of plastic siding has not been empirically established.

Scope: This specification establishes requirements and test methods for the color and appearance retention of solid and variegated colored plastic siding products.

**NEMA (National Electrical Manufacturers Association)**

1300 North 17th Street, Suite 1752, Arlington, VA 22209 [www.nema.org](http://www.nema.org)

Contact: Brian Marchionini; [brian.marchionini@nema.org](mailto:brian.marchionini@nema.org)

**New National Adoption**

BSR/NEMA 62321-3-2-202x, Determination of certain substances in electrotechnical products - Part 3-2: Screening - Fluorine, bromine and chlorine in polymer and electronics by combustion-ion chromatography (C-IC) (identical national adoption of IEC 62321-3-2:2020)

Stakeholders: Manufacturers of electrical and electronic equipment and related service providers including laboratories, industry associations, consultants, retailers, IT tool providers, and environmentally related NGOs and government agencies.

Project Need: To review and adopt an IEC Standard to accommodate global supply chains.

Scope: IEC 62321-3-2:2020 specifies the screening analysis of fluorine, chlorine and bromine in polymers and electronics using combustion-ion chromatography (C-IC). IEC 62321-3-2:2020 cancels and replaces the first edition published in 2013. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: (a) In the previous edition, a screening test method for bromine (Br) content only was provided. In this edition, a screening test method by C-IC for fluorine (F), chlorine (Cl) and bromine (Br) has been added to the normative part of the document; (b) A screening test method by C-IC for iodine (I) has been added in Annex D (informative). It has the status of a horizontal standard in accordance with IEC Guide 108.

**NENA (National Emergency Number Association)**

1700 Diagonal Road, Suite 500, Alexandria, VA 22314 [www.nena.org](http://www.nena.org)

Contact: Delaine Arnold; [darnold@nena.org](mailto:darnold@nena.org)

***New Standard***

BSR/NENA STA.002.2-202x, NENA Standard to Protect the Wellbeing of 9-1-1 Professionals (new standard)

Stakeholders: 9-1-1 producers, 9-1-1 users, general interest.

Project Need: Update current NENA-STA.002.1-2013 and develop an ANS for managing the wellbeing of 9-1-1 professionals.

Scope: Since NENA published their first Stress Standard in 2013, advances have occurred in research on the psychological and physical impacts of 9-1-1 work on emergency telecommunicators. This research and additional information points to critical health challenges with which this population is known, or suspected to struggle with, that were not addressed in the original standard. These include: obesity, chronic problems with sleep, alcohol and substance abuse, and workplace conditions including potential impacts of 9-1-1 personnel's exposure to Incident Related Imagery anticipated with the adoption of NG9-1-1 and FirstNet technologies. In addition, the revised NENA standard will be updated as an ANS and include appendices, providing much needed resource documents equipping PSAP personnel with concrete guidance in how to implement comprehensive wellness and resilience plans addressing these health challenges.

**NENA (National Emergency Number Association)**

1700 Diagonal Road, Suite 500, Alexandria, VA 22314 [www.nena.org](http://www.nena.org)

Contact: Delaine Arnold; [darnold@nena.org](mailto:darnold@nena.org)

***New Standard***

BSR/NENA STA.021.1-202x, NENA Standard for Emergency Incident Data Object (EIDO) (new standard)

Stakeholders: 9-1-1 producers, 9-1-1 users, general interest.

Project Need: Vendor-neutral format for exchanging emergency incident information between disparate manufacturer's systems.

Scope: As agencies and regions move forward with implementing NG9-1-1- and IP-based emergency communications systems, it is critical that they adhere to a standardized, industry-neutral format for exchanging emergency incident information between disparate manufacturer's systems located within one or more public safety agencies, and with other incident stakeholders. Produce a standard and accompanying JSON schema which supports the transfer of an emergency call as specified in NENA-STA-010.3.

**NENA (National Emergency Number Association)**

1700 Diagonal Road, Suite 500, Alexandria, VA 22314 [www.nena.org](http://www.nena.org)

Contact: Delaine Arnold; [darnold@nena.org](mailto:darnold@nena.org)

***Revision***

BSR/NENA STA-019.2-202x, NG9-1-1 Call Processing Metrics Standard (revision and redesignation of ANSI/NENA STA-019.1-2018)

Stakeholders: 9-1-1 producers, 9-1-1 users, general interest.

Project Need: Modify the standard to use data element and value names from the new Internet Assigned Numbers Authority (IANA) registries defined in NENA-STA-010.3-202Y NENA i3 Standard for Next Generation 9-1-1.

Scope: Work will update the names of data elements and values used for NG9-1-1 Call Processing Metrics in NENA-STA-019.1-2018, from the names that were specified in NENA-STA-010.2, to those specified in NENA-STA-010.3 (forthcoming). This update is necessary to support implementations of NG9-1-1 Call Processing Metrics consistent with NENA-STA-010.3. To participate in this development work, register at <https://www.nena.org/JoinCallProcMetrics>.

**NENA (National Emergency Number Association)**

1700 Diagonal Road, Suite 500, Alexandria, VA 22314 [www.nena.org](http://www.nena.org)

Contact: Delaine Arnold; [darnold@nena.org](mailto:darnold@nena.org)

***New Standard***

BSR/NENA STA-034.1-202X, NENA Legacy Selective Router Gateway Standard (new standard)

Stakeholders: 9-1-1 producers, 9-1-1 users, general interest.

Project Need: While end-state NG9-1-1 assumes end-to-end IP connectivity, during the transition period while the Emergency Services infrastructure migrates toward IP, and PSAPs evolve to support i3 functionality, wireline, and wireless callers and PSAPs that are served by legacy Selective Routers (SRs), will need to be supported. An LSRG will provide the needed functionality to facilitate emergency call handling during the transition period.

Scope: The Legacy Selective Router Gateway (LSRG) will provide the needed functionality to facilitate emergency call handling during the transition from the current E9-1-1 system to the Next Generation 9-1-1 system. The LSRG is a signaling and media connection point between a legacy Selective Router (SR) and an NG9-1-1 Emergency Services Network. The LSRG allows calls routed via a legacy SR to terminate on to a Public Safety Answering Point (PSAP) that is served by an NG9-1-1 Emergency Services Network, as well as allowing calls routed via an NG9-1-1 Emergency Services Network to terminate to a legacy PSAP that is connected to a legacy SR. The LSRG also facilitates transfers of calls between PSAPs that are served by legacy SRs and PSAPs that are served by NG9-1-1 Emergency Services Networks, regardless of the type of network the call originated from. This standard will provide a complete technical specification for the LSRG, including all required functions and interfaces.

**NENA (National Emergency Number Association)**

1700 Diagonal Road, Suite 500, Alexandria, VA 22314 [www.nena.org](http://www.nena.org)

Contact: Delaine Arnold; [darnold@nena.org](mailto:darnold@nena.org)

***New Standard***

BSR/NENA STA-042.2-202x, NENA Minimum Standards for Deployment of Real-Time Text (RTT) in the PSAP (new standard)

Stakeholders: 9-1-1 producers, 9-1-1 users, general interest.

Project Need: To provide a standard for Public Safety Answering Point (PSAP) Managers in the implementation of native RTT-to-RTT in the PSAP.

Scope: Define the standards for a PSAP to deploy RTT to RTT via a NENA i3 compliant network. Standard shall include content and guidance associated to RTT's impact to deployment needs; network; call handling solutions; PSAP environment; and the associated procedures, call handling processes, PSAP training, and public education efforts.

**NENA (National Emergency Number Association)**

1700 Diagonal Road, Suite 500, Alexandria, VA 22314 [www.nena.org](http://www.nena.org)

Contact: Delaine Arnold; [darnold@nena.org](mailto:darnold@nena.org)

***New Standard***

BSR/NENA STA-043.1-202x, NENA NG9-1-1 Data Flow Standard (new standard)

Stakeholders: 9-1-1 producers, 9-1-1 users, general interest.

Project Need: In the evolving environment of Next Generation 9-1-1, the data and manner received will change and also come from different sources.

Scope: Making the best use of improved data capabilities and opportunities and how such should best be accomplished are fundamentally important aspects of the transition to NG9-1-1. A basic background understanding comparison between the E9-1-1 network interface and data flow to the NG9-1-1 network interface and data flow is a necessarily important starting point. For the transition of data from legacy ALI structures to NG9-1-1 to be successful and effective, the addition of new data to the Public Safety Answering Point (PSAP) display, the Presence Information Data Format - Location Object (PIDF-LO) data element to PSAP display relationships, the conversion of legacy E9-1-1 Class of Service (CoS) indicators to the new NG9-1-1 definitions, and downstream interoperability to mapping, Computer-Aided Dispatch (CAD), First Net Responder Authority (FirstNet), and other First Responder Networks are all potential considerations.

**TAPPI (Technical Association of the Pulp and Paper Industry)**

15 Technology Parkway South, Suite 115, Peachtree Corners, GA 30092 [www.tappi.org](http://www.tappi.org)

Contact: Deborah Dodson; [standards@tappi.org](mailto:standards@tappi.org)

***Revision***

BSR/TAPPI T 569 om-202x, Internal bond strength (Scott type) (revision of ANSI/TAPPI T 569 om-2014)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products; consumers or converters of such products; and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Scope: Printing, converting, and many product applications subject paper and paperboard to impulses, impacts, and shock loads into or out of the plane of the sheet. These can cause structural failures such as surface picks, blistering, or delaminations within the interior of the sheet. The common denominators of these failures are (a) the high velocity of the impact loads; (b) the short time period during which the material is stressed, frequently one to a few hundred milliseconds, and (c) the planar nature of the resultant sheet failure. Test results from this method may correlate with product failures of this type.

**UL (Underwriters Laboratories)**

333 Pfingsten Road, Northbrook, IL 60062 <https://ul.org/>

Contact: Megan Monsen; [megan.monsen@ul.org](mailto:megan.monsen@ul.org)

***New Standard***

BSR/UL 1691A-202x, Standard for Safety for Single-Pole Latching Type Separable Connectors (new standard)

Stakeholders: Manufacturers of single-pole latching-type separable connectors; component producers and supply chain of single-pole latching-type separable connectors; retailers; trade associations; government AHJs.

Project Need: Industry requested this document because no published standards exist for these products. Single-pole separable connectors are widely available in the marketplace and the latching type are used in a variety of applications, primarily in metallurgical and mining operations, oil and gas exploration, and ship-to-shore connections. This standard covers products that provide interconnectivity configurations for different manufacturers to be able to connect between mating connectors from different manufacturers. The standard is being developed as a trinational standard with CSA and ANCE.

Scope: These requirements cover single-pole separable male and female connectors, panel inlets, and panel outlets and accessories, rated up to a maximum of 1250 amperes and up to 1000 volts ac or dc and not intended for connection or disconnection under load conditions. These devices are not intended for use in hazardous locations. These devices are intended for factory or field assembly to insulated conductors rated 90°C or higher, and may be rated for use in either outdoor or indoor locations.

# Call for Comment on Standards Proposals

## American National Standards

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. e-mail: [psa@ansi.org](mailto:psa@ansi.org)

\* Standard for consumer products

## Comment Deadline: December 6, 2020

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

1791 Tullie Circle NE, Atlanta, GA 30329 p: (678) 539-2114 w: [www.ashrae.org](http://www.ashrae.org)

#### Addenda

BSR/ASHRAE Addendum e to BSR/ASHRAE Standard 188-202x, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2018)

This addendum adds a new Normative Annex B regarding minimum requirements when Legionella testing is chosen by the Program Team, and renames the current Informative Annex B, "Bibliography," to Informative Annex C, "Bibliography."

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

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

### NEMA (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Arlington, VA 22209 p: (703) 841-3288 w: [www.nema.org](http://www.nema.org)

#### Revision

BSR/NEMA 250-202x, Enclosures for Electrical Equipment (1,000 Volts Maximum) (revision of ANSI/NEMA 250-2008)

Enclosures for electrical equipment rated not more than 1000 V and intended to be installed and used for non-hazardous (unclassified) locations and hazardous (classified) locations.

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

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

### NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 418-6660 w: [www.nsf.org](http://www.nsf.org)

#### Revision

BSR/NSF/CAN 50-202x (i160r6), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2019)

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

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

Send comments (with optional copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Jason Snider; [jsnider@nsf.org](mailto:jsnider@nsf.org)



## Comment Deadline: December 6, 2020

### UL (Underwriters Laboratories)

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

#### Revision

BSR/UL 428A-202X, Standard for Electrically Operated Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations Up to 85 Percent (E0 - E85) (revision of ANSI/UL 428A-2019)

Revisions to equate long-term exposure testing duration - valve and end product.

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

Send comments (with optional copy to [psa@ansi.org](mailto: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)

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

#### Revision

BSR/UL 428B-202X, Standard for Electrically Operated Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations Up To 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 428B-2020)

Revisions to equate long-term exposure testing duration - valve and end product.

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

Send comments (with optional copy to [psa@ansi.org](mailto: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 p: (510) 319-4297 w: <https://ul.org/>

#### Revision

BSR/UL 493-202X, Standard for Safety for Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables (revision of ANSI/UL 493-2020)

Modifications to 4.6.3.2.

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

Send comments (with optional copy to [psa@ansi.org](mailto: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 p: (510) 319-4297 w: <https://ul.org/>

#### Revision

BSR/UL 817-202X, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2018)

(1) Addition of integral latching mechanisms on cord connectors, Recirculation of Proposed 5.8A, 5.9, 8.7, 8.7.2, 8.7.3, 9.11.3, Section 19.B.2, 20.8.

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

Send comments (with optional copy to [psa@ansi.org](mailto: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 p: (919) 316-5147 w: <https://ul.org/>

#### Revision

BSR/UL 1026-202x, Standard for Safety for Household Electric Cooking and Food Serving Appliances (revision of ANSI/UL 1026-2012)

(1) Proposed revision to replace the reference 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](mailto: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: December 6, 2020

### UL (Underwriters Laboratories)

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

#### Revision

BSR/UL 1042-202x, Standard for Safety for Electric Baseboard Heating Equipment (revision of ANSI/UL 1042-2009)

(1) Proposed revision to replace the reference 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](mailto: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 p: (919) 316-5147 w: <https://ul.org/>

#### Revision

BSR/UL 2021-202x, Standard for Safety for Fixed and Location-Dedicated Electric Room Heaters (revision of ANSI/UL 2021-2015)

(1) Proposed revision to replace the reference 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](mailto: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 p: (919) 549-1851 w: <https://ul.org/>

#### Revision

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

This proposal for UL 121201 provides revisions to the proposal document dated June 12, 2020 per comments received.

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

Send comments (with optional copy to [psa@ansi.org](mailto: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: December 21, 2020

### ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, Saint Joseph, MI 49085 p: (269) 932-7009 w: <https://www.asabe.org/>

#### Revision

BSR/ASABE S642.1-202x, Recommended Methods for Measurement and Testing of LED Products for Plant Growth and Development (revision and redesignation of ANSI/ASABE S642-SEPT2018)

This document describes methods for measurement and testing of LED packages and arrays or modules, LED lamps, and any other LED optical radiation devices, both passively cooled and actively cooled, with a spectral range between 280 nm and 800 nm, used for plant growth and development. These methods are necessary to obtain information about device characteristics and long-term change behaviors.

Single copy price: \$68.00 (Non-Members); \$48.00 (ASABE Members)

Obtain an electronic copy from: [brace@asabe.org](mailto:brace@asabe.org)

Order from: Walter Brace; [brace@asabe.org](mailto:brace@asabe.org)

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

## Comment Deadline: December 21, 2020

### ASC X9 (Accredited Standards Committee X9, Incorporated)

275 West Street, Suite 107, Annapolis, MD 21401 p: (410) 267-7707 w: [www.x9.org](http://www.x9.org)

#### Revision

BSR X9.6-202x, Committee on Uniform Security Identification Procedures Securities Identification (CUSIP) (revision of ANSI X9.6-2014)

This standard provides specifications for uniquely identifying an eligible issue. It shall serve as the common denominator in communications among users for completion of transactions and exchange of information. It specifies both the configuration of the number and the meaning attached to each portion.

Single copy price: \$100.00

Obtain an electronic copy from: [ambria.frazier@x9.org](mailto:ambria.frazier@x9.org)

Order from: Ambria Frazier; [Ambria.frazier@x9.org](mailto:Ambria.frazier@x9.org)

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

### ASME (American Society of Mechanical Engineers)

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

#### Revision

BSR/ASME B31Q-202x, Pipeline Personnel Qualification (revision of ANSI/ASME B31Q-2018)

This Standard establishes the requirements for developing and implementing an effective Pipeline Personnel Qualification Program (qualification program)

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#### New Standard

BSR/ASTM WK65799-202x, Specification for Polyaromatic Hydrocarbons Contained in Synthetic Turf Infill Materials (new standard)

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#### Reaffirmation

BSR/ASTM D5926-2015 (R202x), Specification for Poly(Vinyl Chloride) (PVC) Gaskets for Drain, Waste, and Vent (DWV), Sewer, Sanitary, and Storm Plumbing Systems (reaffirmation of ANSI/ASTM D5926-2015)

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#### **Reaffirmation**

BSR/ASTM D7739-2011 (R202x), Practice for Thermal Oxidative Stability Measurement via Quartz Crystal Microbalance (reaffirmation of ANSI/ASTM D7739-2011 (R2016))

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#### **Reaffirmation**

BSR/ASTM F2519-2011 (R202x), Test Method for Grease Particle Capture Efficiency of Commercial Kitchen Filters and Extractors (reaffirmation of ANSI/ASTM F2519-2011 (R2015))

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#### **Reaffirmation**

BSR/ASTM F3012-2014 (R202x), Specification for Loose-Fill Rubber for Use as a Playground Safety Surface under and around Playground Equipment (reaffirmation of ANSI/ASTM F3012-2014)

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#### **Revision**

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

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#### **Revision**

BSR/ASTM D2513-202x, Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513-2019)

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#### **Revision**

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

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#### **Revision**

BSR/ASTM D4054-202x, Practice for Evaluation of New Aviation Turbine Fuels and Fuel Additives (revision of ANSI/ASTM D4054-2020a)

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#### **Revision**

BSR/ASTM D6300-202x, Practice for Determination of Precision and Bias Data for Use in Test Methods for Petroleum Products, Liquid Fuels, and Lubricants (revision of ANSI/ASTM D6300-2020)

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#### **Revision**

BSR/ASTM D6792-202x, Practice for Quality Management Systems in Petroleum Products, Liquid Fuels, and Lubricants Testing Laboratories (revision of ANSI/ASTM D6792-2017)

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#### **Revision**

BSR/ASTM D7566-202x, Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons (revision of ANSI/ASTM D7566-2020B)

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#### **Revision**

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

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#### **Revision**

BSR/ASTM D7826-202x, Guide for Evaluation of New Aviation Gasolines and New Aviation Gasoline Additives (revision of ANSI/ASTM D7826-2019)

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#### Revision

BSR/ASTM E8-202x, Test Methods for Tension Testing of Metallic Materials (revision and redesignation of ANSI/ASTM E8-2016a)

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#### Revision

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

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#### Revision

BSR/ASTM E84-202x, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2020)

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#### Revision

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

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#### Revision

BSR/ASTM E2579-202x, Practice for Specimen Preparation and Mounting of Wood Products to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2579-2019)

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#### Revision

BSR/ASTM E2653-202x, Practice for Conducting an Interlaboratory Study to Determine Precision Estimates for a Fire Test Method with Fewer than Six Participating Laboratories (revision of ANSI/ASTM E2653-2015)

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#### Revision

BSR/ASTM F493-202x, Specification for Solvent Cements for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe and Fittings (revision of ANSI/ASTM F493-2017)

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#### Revision

BSR/ASTM F876-202x, Specification for Crosslinked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F876-2020)

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#### **Revision**

BSR/ASTM F1955-202x, Test Method for Flammability of Sleeping Bags (revision of ANSI/ASTM F1955-2015)

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#### **Revision**

BSR/ASTM F2075-202x, Specification for Engineered Wood Fiber for Use as a Playground Safety Surface under and around Playground Equipment (revision of ANSI/ASTM F2075-2015)

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#### **Revision**

BSR/ASTM F2441-202x, Practice for Labeling of Backpacking and Mountaineering Tents and Bivouac Sacks (revision of ANSI/ASTM F2441-2012 (R2018))

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#### **Revision**

BSR/ASTM F2620-202x, Practice for Heat Fusion Joining of Polyethylene Pipe and Fittings (revision of ANSI/ASTM F2620-2019)

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#### Revision

BSR/ASTM F2785-202x, Specification for Polyamide 12 Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM F2785-2018A)

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#### 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)

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#### Revision

BSR/ASTM F3313-202x, Test Method for Determining Impact Attenuation of Playground Surfaces within the Use Zone of Playground Equipment as Tested in the Field (revision of ANSI/ASTM F3313-2020)

[https://www.astm.org/ANSI\\_SA](https://www.astm.org/ANSI_SA)

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### AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 p: (305) 443-9353 306 w: [www.aws.org](http://www.aws.org)

#### Revision

BSR/AWS D14.9/D14.9M-202x, Specification for the Welding of Hydraulic Cylinders (revision of ANSI/AWS D14.9/D14.9M-2012)

This specification provides standards for the design and manufacture of pressure-containing welded joints and structural welded joints used in the manufacture of hydraulic cylinders. Manufacturer's responsibilities are presented as they relate to the welding practices that have been proven successful within the industry in the production of hydraulic cylinders. Included are sections defining welding procedure qualification, welder performance qualification, workmanship, and quality requirements as well as inspection requirements and repair requirements.

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8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 p: (305) 443-9353 305 w: [www.aws.org](http://www.aws.org)

#### **Revision**

BSR Z49.1-202x, Safety in Welding, Cutting and Allied Processes (revision of ANSI Z49.1:2012)

This standard covers all aspects of safety and health in the welding environment, emphasizing oxygen gas and arc welding processes with some coverage given to resistance and high-energy-beam welding, brazing, and soldering. It contains information on protection of personnel and the general area, ventilation, fire prevention and protection, and confined spaces. A significant section is devoted to precautionary information, showing examples, and an extensive bibliography is included.

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### **CSA (CSA America Standards Inc.)**

8501 E. Pleasant Valley Road, Cleveland, OH 44131 p: (216) 524-4990 w: [www.csagroup.org](http://www.csagroup.org)

#### **Addenda**

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

This proposal is intended 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.

Single copy price: Free

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### **CSA (CSA America Standards Inc.)**

8501 E. Pleasant Valley Road, Cleveland, OH 44131 p: (216) 524-4990 w: [www.csagroup.org](http://www.csagroup.org)

#### **New National Adoption**

BSR/CSA C22.2 No. 19085-6-202x, Woodworking machines - Safety - Part 6: Single-spindle vertical moulding machines (toupies) (national adoption with modifications of ISO 19085-6)

This document gives the safety requirements and measures for stationary and displaceable hand-fed single spindle vertical moulding machines, hereinafter referred to as "machines", designed to cut wood and materials with similar physical characteristics to wood. It deals with all significant hazards, hazardous situations, and events as listed in Clause 4, relevant to the machines when they are operated, adjusted, and maintained as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse. Also, transport, assembly, dismantling, disabling, and scrapping phases are taken into account. This document is not applicable to machines intended for use in potentially explosive atmospheres or to machines manufactured prior to the date of its publication.

Single copy price: Free

Obtain an electronic copy from: [david.zimmerman@csagroup.org](mailto:david.zimmerman@csagroup.org)

Send comments (with optional copy to [psa@ansi.org](mailto:psa@ansi.org)) to: [david.zimmerman@csagroup.org](mailto:david.zimmerman@csagroup.org)

## Comment Deadline: December 21, 2020

### CSA (CSA America Standards Inc.)

8501 E. Pleasant Valley Road, Cleveland, OH 44131 p: (216) 524-4990 w: [www.csagroup.org](http://www.csagroup.org)

#### ***New National Adoption***

BSR/CSA C22.2 No. 19085-8-202x, Woodworking machines - Safety - Part 8: Belt sanding and calibrating machines for straight workpieces (national adoption with modifications of ISO 19085-8)

This document gives the safety requirements and measures for stationary calibrating and sanding machines, with an integrated feed and one or more sanding belt units positioned above and/or below the work piece level, with manual or automatic loading and/or unloading, referred to in this standard as "machines". It deals with all significant hazards, hazardous situations, and events as listed in Clause 4, relevant to the machines, when operated, adjusted, and maintained as intended and under the conditions foreseen by the manufacturer, including reasonably foreseeable misuse. Also, transport, assembly, dismantling, disabling, and scrapping phases have been taken into account. It is not applicable to machines intended for use in potentially explosive atmosphere and to machines manufactured prior to the date of its publication.

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### DirectTrust (DirectTrust.org, Inc.)

1629 K Street NW, Suite 300, Washington, DC 20006 p: (240) 289-3922 w: [www.DirectTrust.org](http://www.DirectTrust.org)

#### ***New Standard***

BSR/DS 2019-01-V01-202x, The Direct Standard™ (new standard)

The Direct Standard was created to specify a simple, secure, scalable, and standards-based mechanism for participants to send authenticated, encrypted health information to internet scale infrastructure such as RFC5322 for message structure, RFC5751 for message security, and TFC5280 for public key infrastructure (PKI). The Direct Standard specifies not only a profiled use of these technologies but adds requirements and specifications for quality of service notifications, public key discovery, and building scalable trust relationships among message exchange partners.

Single copy price: Free (Downloadable copy); \$35.00 (Hard copy)

Obtain an electronic copy from: [standards@directtrust.org](mailto:standards@directtrust.org)

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### IIAR (International Institute of Ammonia Refrigeration)

1001 North Fairfax Street, Alexandria, VA 22314 p: (703) 312-4200 w: [www.iiar.org](http://www.iiar.org)

#### ***New Standard***

BSR/IIAR CO2-202X, Safety Standard for Closed-Circuit Carbon Dioxide Refrigeration Systems (new standard)

This standard specifies minimum requirements for the safe design; installation; startup; and inspection, testing, and maintenance (ITM) of closed-circuit carbon dioxide refrigeration systems and modifications or additions to an existing system.

Single copy price: Free until public review period ends.

Obtain an electronic copy from: [TONY\\_LUNDELL@IIAR.ORG](mailto:TONY_LUNDELL@IIAR.ORG)

Order from: Tony Lundell; [tony\\_lundell@iiar.org](mailto:tony_lundell@iiar.org)

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## Comment Deadline: December 21, 2020

### **NEMA (National Electrical Manufacturers Association)**

1300 North 17th Street, Suite 1752, Arlington, VA 22209 p: (703) 841-3279 w: [www.nema.org](http://www.nema.org)

#### ***New National Adoption***

BSR/NEMA 62321-1-202x, Determination of certain substances in electrotechnical products - Part 1: Introduction and overview (identical national adoption of IEC 62321-1:2013)

IEC 62321-1:2013 refers to the sample as the object to be processed and measured. The nature of the sample and the manner in which it is acquired is defined by the entity carrying out the tests and not by this standard. It provides guidance on the disassembly procedure employed for obtaining a sample. This first edition of IEC 62321-1 is a partial replacement of IEC 62321, forming a structural revision and replacing Clauses 1 to 4.

Single copy price: \$115.00

Obtain an electronic copy from: [brian.marchionini@nema.org](mailto:brian.marchionini@nema.org)

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1300 North 17th Street, Suite 1752, Arlington, VA 22209 p: (703) 841-3279 w: [www.nema.org](http://www.nema.org)

#### ***New National Adoption***

BSR/NEMA 62321-2-202x, Determination of certain substances in electrotechnical products - Part 2: Disassembly, disjunction and mechanical sample preparation (identical national adoption of IEC 62321-2:2013)

IEC 62321-2:2013 provides strategies of sampling along with the mechanical preparation of samples from electrotechnical products, electronic assemblies and electronic components. These samples can be used for analytical testing to determine the levels of certain substances as described in the test methods in other parts of IEC 62321. Restrictions for substances will vary between geographic regions and from time to time. This Standard describes a generic process for obtaining and preparing samples prior to the determination of any substance which are under concern.

Single copy price: \$350.00

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### **NEMA (National Electrical Manufacturers Association)**

1300 North 17th Street, Suite 1752, Arlington, VA 22209 p: (703) 841-3279 w: [www.nema.org](http://www.nema.org)

#### ***New National Adoption***

BSR/NEMA 62321-5-202x, Determination of certain substances in electrotechnical products - Part 5: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS (identical national adoption of IEC 62321-5:2013)

IEC 62321-5:2013 describes the four test methods for lead, cadmium, and chromium in polymers, metals and electronics, namely AAS (atomic absorption spectrometry), AFS (atomic fluorescence spectrometry), ICP-OES (inductively coupled plasma optical emission spectrometry), and ICP-MS (inductively coupled plasma mass spectrometry) as well as several procedures for preparing the sample solution from which the most appropriate method of analysis can be selected by experts.

Single copy price: \$260.00

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### NEMA (National Electrical Manufacturers Association)

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#### ***New National Adoption***

BSR/NEMA 62321-6-202x, Determination of certain substances in electrotechnical products - Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography-mass spectrometry (GC-MS) (identical national adoption of IEC 62321-6:2015)

IEC 62321-6:2015 specifies one normative and two informative techniques for the determination of polybrominated biphenyls (PBB) and diphenyl ethers (PBDE) in polymers of electrotechnical products. The test methods are: - The gas chromatography-mass spectrometry (GC-MS); - The ion attachment mass spectrometry (IAMS) technique and - The high-pressure liquid chromatography technique. This first edition of IEC 62321-6 is a partial replacement of IEC 62321:2008, forming a structural revision and generally replacing Annex A.

Single copy price: \$310.00

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#### ***New National Adoption***

BSR/NEMA 62321-8-202x, Determination of certain substances in electrotechnical products - Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas chromatography-mass spectrometry using a pyrolyzer/thermal desorption accessory (Py-TD-GC-MS) (identical national adoption of IEC 62321-8:2017)

IEC 62321-8:2017 specifies two normative and two informative techniques for the determination of di-isobutyl phthalate (DIBP), di-n-butyl phthalate (DBP), benzylbutyl phthalate (BBP), di-(2-ethylhexyl) phthalate (DEHP), di-n-octyl phthalate (DNOP), di-isononyl phthalate (DINP) and di-iso-decyl phthalate (DIDP) in polymers of electrotechnical products.

Single copy price: \$385.00

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#### ***New National Adoption***

BSR/NEMA 62321-10-202x, Determination of certain substances in electrotechnical products - Part 10: Polycyclic aromatic hydrocarbons (PAHs) in polymers and electronics by gas chromatography-mass spectrometry (GC-MS) (identical national adoption of IEC 62321-10:2020)

IEC 62321-10:2020 specifies one normative technique for the determination of polycyclic aromatic hydrocarbons (PAHs) in polymers of electrotechnical products. These PAHs can especially be found in the plastic and rubber parts of a wide range of consumer articles. They are present as impurities in some of the raw materials used in the production of such articles, in particular in extender oils and in carbon black. They are not added intentionally to the articles and do not perform any specific function as constituents of the plastic or rubber parts. The gas chromatography-mass spectrometry (GC MS) test method is suitable for the determination of polycyclic aromatic hydrocarbons (PAHs). These test methods have been evaluated for use with plastics and rubbers. These test methods have been evaluated for use with ABS (acrylonitrile butadiene styrene) containing individual PAHs ranging from 37.2 mg/kg to 119 mg/kg and rubbers containing individual PAHs ranging from 1 mg/kg to 221.2 mg/kg. WARNING: This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Single copy price: \$260.00

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## Comment Deadline: December 21, 2020

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#### ***New National Adoption***

BSR/NEMA 62321-3-1-202x, Determination of certain substances in electrotechnical products - Part 3-1: Screening - Lead, mercury, cadmium, total chromium and total bromine using X-ray fluorescence spectrometry (identical national adoption of IEC 62321-3-1:2013)

IEC 62321-3-1:2013 describes the screening analysis of five substances, specifically lead (Pb), mercury (Hg), cadmium (Cd), total chromium (Cr) and total bromine (Br) in uniform materials found in electrotechnical products, using the analytical technique of X-ray fluorescence (XRF) spectrometry.

Single copy price: \$310.00

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#### ***New National Adoption***

BSR/NEMA 62321-7-1-202x, Determination of certain substances in electrotechnical products - Part 7-1: Hexavalent chromium - Presence of hexavalent chromium (Cr(VI)) in colorless and colored corrosion-protected coatings on metals by the colorimetric method (identical national adoption of IEC 62321-7-1:2015)

IEC 62321-7-1:2015 describes a boiling water extraction procedure intended to provide a qualitative determination of the presence of hexavalent chromium (Cr(VI)) in colorless and colored corrosion-protection coatings on metallic samples. In this procedure, when Cr(VI) in a sample is detected below the 0.10 g/cm<sup>2</sup> LOQ (limit of quantification), the sample is considered to be negative for Cr(VI). Since Cr(VI) may not be uniformly distributed in the coating even within the same sample batch, a "grey zone" between 0.10 g/cm<sup>2</sup> and 0.13 g/cm<sup>2</sup> has been established as "inconclusive" to reduce inconsistent results due to unavoidable coating variations. In this case, additional testing may be necessary to confirm the presence of Cr(VI). When Cr(VI) is detected above 0.13 g/cm<sup>2</sup>, the sample is considered to be positive for the presence of Cr(VI) in the coating layer.

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#### ***New National Adoption***

BSR/NEMA 62321-7-2-202x, Determination of certain substances in electrotechnical products - Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method (identical national adoption of IEC 62321-7-2:2017)

IEC 62321-7-2:2017 describes procedures to measure hexavalent chromium, Cr(VI), quantitatively in samples of polymers and electronics. This method employs organic solvent to dissolve or swell the sample matrix, followed by an alkaline digestion procedure to extract Cr(VI) from samples. Studies have shown that organic/alkaline solution is more effective than acidic solution in extracting Cr(VI) from soluble and insoluble samples. Minimal reduction of Cr(VI) to Cr(III) or oxidation of Cr(III) to Cr(VI) occurs under alkaline conditions. The first edition of IEC 62321:2008 was a "stand-alone" standard that included an introduction, an overview of test methods, a mechanical sample preparation, as well as various test method clauses. This first edition of IEC 62321-7-2 is a partial replacement of IEC 62321:2008, forming a structural revision and generally replacing Annex C. IEC 62321-7-2 is the final replacement part of the corresponding clauses in IEC 62321:2008.

Single copy price: \$130.00

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## Comment Deadline: December 21, 2020

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#### ***New National Adoption***

BSR/NEMA 62430-202x, Environmentally conscious design (ECD) - Principles, requirements and guidance (identical national adoption of IEC 62430:2019)

IEC 62430:2019 describes principles, specifies requirements, and provides guidance for organizations intending to integrate environmental aspects into the design and development in order to minimize the adverse environmental impacts of their products. This document applies to processes on how ECD (environmentally conscious design) are integrated into the design and development. This document applies to any organization, regardless of its size, type, or sector. This document does not provide requirements for assessing the conformity of individual products. IEC 62430:2019 cancels and replaces the first edition published in 2009. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: (a) Scope is extended from electrotechnical product and systems to all products including services; (b) As a consequence of the scope expansion, non-electrotechnical products, services in particular, are taken into account to modify requirements. and (c) Clause 6 is added as a guidance.

Single copy price: \$225.00

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1300 North 17th Street, Suite 1752, Arlington, VA 22209 p: (703) 841-3279 w: [www.nema.org](http://www.nema.org)

#### ***New National Adoption***

BSR/NEMA 62474-202x, Material declaration for products of and for the electrotechnical industry (identical national adoption of IEC 62474:2018)

IEC 62474:2018 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition. IEC 62474:2018 specifies the procedure, content, and form relating to material declarations for products of companies operating in and supplying the electrotechnical industry. Process chemicals and emissions during product use are not in the scope of this International Standard. It provides data to downstream manufacturers that:

- allows them to assess products against substance restriction compliance requirements;
- they can use in their environmentally conscious design process and across all product life cycle phases.

Single copy price: \$225.00

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#### ***New National Adoption***

BSR/NEMA 62321-4-202xAMD1 CSV-202x, Determination of certain substances in electrotechnical products - Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS (identical national adoption of IEC 62321-4:2013AMD1:2017 CSV)

IEC 62321-4:2013+A1:2017 describes the use of four test methods for mercury in polymers, metals and electronics, namely CV-AAS (cold vapor atomic absorption spectrometry), CV-AFS (cold vapor atomic fluorescence spectrometry) ICP-OES (inductively coupled plasma optical emission spectrometry), and ICP-MS (inductively coupled plasma mass spectrometry) as well as several procedures for preparing the sample solution from which the most appropriate method of analysis can be selected by experts. IEC 62321-4:2013 has the status of a horizontal standard in accordance with IEC Guide 108. This consolidated version consists of the first edition (2013) and its amendment 1 (2017).

Single copy price: \$265.00

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## Comment Deadline: December 21, 2020

### NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 418-6660 w: [www.nsf.org](http://www.nsf.org)

#### Revision

BSR/NSF/CAN 50-202x (i165r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2019)

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

Single copy price: Free

Obtain an electronic copy from: [https://standards.nsf.org/apps/group\\_public/download.php/56324/50i165r1%20-%20Chemical%20Reorganization%20JC%20memo%20&%20Ballot.pdf](https://standards.nsf.org/apps/group_public/download.php/56324/50i165r1%20-%20Chemical%20Reorganization%20JC%20memo%20&%20Ballot.pdf)

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### SAIA (ASC A92) (Scaffold & Access Industry Association)

400 Admiral Boulevard, Kansas City, MO 64106 p: (816) 595-4860 w: [www.saiaonline.org](http://www.saiaonline.org)

#### Revision

BSR/SAIA A92.2-202x, Vehicle-Mounted Elevating and Rotating Aerial Devices (revision of ANSI/SAIA A92.2-2015)

This standard applies to the establishment of criteria for design, manufacture, testing, inspection, installation, maintenance, use, training, and operation of vehicle-mounted aerial devices, primarily used to position personnel, installed on a chassis to achieve the following objectives: (1) Prevention of personal injuries and accidents; (2) Uniformity in ratings; and (3) Understanding by manufacturers, dealers, brokers, installers, lessees, lessors, maintenance personnel, operators, owners, and users of their respective responsibilities.

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### UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 p: (847) 664-2881 w: <https://ul.org/>

#### Revision

BSR/UL 2580-202x, Standard for Safety for Batteries for Use in Electric Vehicles (revision of ANSI/UL 2580-2020)

(1) Removal of Table 16.1; (2) Corrections to lead acid battery criteria; (3) Clarifications to capacity check requirements in Annex B and Annex D.

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Send comments (with optional copy to [psa@ansi.org](mailto: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>

### VC (ASC Z80) (The Vision Council)

225 Reinekers Lane, Alexandria, VA 22314 p: 585-387-9913 w: [www.z80asc.com](http://www.z80asc.com)

#### Revision

BSR Z80.1-202x, Ophthalmics - Prescription Ophthalmic Lenses - Recommendations (revision of ANSI Z80.1-2015)

This standard reflects the shift in utilization from mass-produced lenses to a basic dependence upon custom-processed lenses at the laboratory level. It does not represent tolerances that describe the state-of-the-art of the ophthalmic laboratory, but provides quality goals for new lenses prepared to individual prescription. The individual performance parameters listed in this standard can be achieved reliably.

Single copy price: \$80.00

Obtain an electronic copy from: <https://www.z80asc.com/> or email: [ascz80@thevisioncouncil.org](mailto:ascz80@thevisioncouncil.org)

Order from: Michele Stolberg; [ascz80@thevisioncouncil.org](mailto:ascz80@thevisioncouncil.org)

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## Comment Deadline: January 5, 2021

### UL (Underwriters Laboratories)

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

#### **Revision**

Reaffirmations and withdrawals available electronically may be accessed at: [webstore.ansi.org](http://webstore.ansi.org)

BSR/UL 2367-202X, Standard for Safety for Solid State Overcurrent Protectors (revision of ANSI/UL 2367-2009 (R2018))

This is the proposed second edition of UL 2367, which includes several substantive changes to update the requirements.

Single copy price: Free

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

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#### **Revision**

Reaffirmations and withdrawals available electronically may be accessed at: [webstore.ansi.org](http://webstore.ansi.org)

BSR/UL 4248-1-202x, Standard for Safety for Fuseholders - Part 1: General Requirements (revision of ANSI/UL 4248-1-2017)

The proposed third edition of UL 4248-1 will be to incorporate editorial updates.

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](mailto: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>

## Technical Reports Registered with ANSI

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

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

### NEMA (ASC C12) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 p: (703) 477-9997 w: [www.nema.org](http://www.nema.org)

#### **New Technical Report**

NEMA C12.29 TR, Field Testing of Electricity Meters (technical report)

Testing of electricity meters in the field is significantly different than testing meters in a laboratory for type evaluation. In the field, there may be little control of the environment or load conditions. The purpose of this Technical Report is to describe the conditions under which the field test can be expected to provide useful results and the errors which one might encounter.

Single copy price: \$53.00

Order from: NEMA

Send comments (with optional copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Paul Orr; [orrrpaul@aol.com](mailto:orrrpaul@aol.com)

## Project Withdrawn

In accordance with clause 4.2.1.3.3 Discontinuance of a standards project of the ANSI Essential Requirements, an accredited standards developer may abandon the processing of a proposed new or revised American National Standard or portion thereof if it has followed its accredited procedures. The following projects have been withdrawn accordingly:

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201 p: 703-600-0327 w: [www.ahrinet.org](http://www.ahrinet.org)

BSR/AHRI Standard 370-200x, Sound Rating of Large Outdoor Refrigerating and Air-Conditioning Equipment (revision of ANSI/AHRI Standard 370-2001)

This standard applies to the outdoor portions of factory-made commercial and industrial Large Outdoor Refrigerating and Air-Conditioning Equipment, including heat pumps, used for refrigerating or air-conditioning of spaces, as defined in Section 3 of this standard.

Inquiries may be directed to Kristin Carlson; [kcarlson@ahrinet.org](mailto:kcarlson@ahrinet.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.

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## **AAFS (American Academy of Forensic Sciences)**

410 North 21st Street, Colorado Springs, CO 80904 p: (719) 453-1036 w: [www.aafs.org](http://www.aafs.org)

### ***New Standard***

ANSI/ASB BPR 126-2020, Best Practice Recommendation for Casting of Footwear and Tire Impression Evidence (new standard): 10/29/2020

## **AAMI (Association for the Advancement of Medical Instrumentation)**

901 N. Glebe Road, Suite 300, Arlington, VA 22203 p: (703) 253-8261 w: [www.aami.org](http://www.aami.org)

### ***New National Adoption***

ANSI/AAMI/ISO 10993-16-2020, Biological evaluation of medical devices - Part 16: Toxicokinetic study design for degradation products and leachables (identical national adoption of ISO 10993-16:2017): 11/3/2020

## **ABMA (ASC B3) (American Bearing Manufacturers Association)**

1001 N. Fairfax Street, Suite 500, Alexandria, VA 22314 p: (703) 838-0053 w: [www.americanbearings.org](http://www.americanbearings.org)

### ***Reaffirmation***

ANSI ABMA 9-2015 (R2020), Load Ratings and Fatigue Life for Ball Bearings (reaffirmation of ANSI ABMA 9-2015): 11/2/2020

### ***Reaffirmation***

ANSI/ABMA 11-2014 (R2020), Load Ratings and Fatigue Life for Roller Bearings (reaffirmation of ANSI/ABMA 11-2014): 11/2/2020

## **ANS (American Nuclear Society)**

555 North Kensington Avenue, La Grange Park, IL 60526 p: (708) 579-8268 w: [www.ans.org](http://www.ans.org)

### ***Reaffirmation***

ANSI/ANS 10.8-2015 (R2020), Non-Real-Time, High-Integrity Software for the Nuclear Industry - User Requirements (reaffirmation of ANSI/ANS 10.8-2015): 10/29/2020

## **APCO (Association of Public-Safety Communications Officials-International)**

351 N. Williamson Boulevard, Daytona Beach, FL 32114 p: 571-289-7402 w: [www.apcoIntl.org](http://www.apcoIntl.org)

### ***New Standard***

ANSI/APCO 1.118.1-2020, Key Performance Indicators for Public Safety Communications Personnel (new standard): 10/30/2020

### ***Revision***

ANSI/APCO 1.112.2-2020, Best Practices for the Use of Social Media in Public Safety Communications (revision and redesignation of ANSI/APCO 1.112.1-2014): 10/30/2020

**APTech (ASC CGATS) (Association for Print Technologies)**

1896 Preston White Drive, Reston, VA 20191 p: (703) 264-7220 w: [www.printtechnologies.org](http://www.printtechnologies.org)

**APTech (ASC CGATS) (Association for Print Technologies)**

1896 Preston White Drive, Reston, VA 20191 p: (703) 264-7220 w: [www.printtechnologies.org](http://www.printtechnologies.org)

**Reaffirmation**

ANSI CGATS 12642-2 (IT8.7/4)-2015 (R2020), Graphic technology - Input data for characterization of 4-colour process printing - Part 2: Expanded data set (reaffirm a national adoption ANSI CGATS 12642-2 (IT8.7/4)-2015): 10/30/2020

**ASABE (American Society of Agricultural and Biological Engineers)**

2950 Niles Road, Saint Joseph, MI 49085 p: (269) 932-7015 w: <https://www.asabe.org/>

**Revision**

ANSI/ASAE S604.3 MONYEAR-2020, Safety for Power Take-off (PTO), PTO Drive Shafts, and Power Input Connection (PIC) for Agricultural Field Equipment (revision of ANSI/ASABE S604.2-OCT2018): 10/30/2020

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

1791 Tullie Circle, NE, Atlanta, GA 30329 p: (678) 539-1214 w: [www.ashrae.org](http://www.ashrae.org)

**Addenda**

ANSI/ASHRAE Addendum 62.1c-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019): 10/30/2020

**Addenda**

ANSI/ASHRAE Addendum 62.1d-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019): 10/30/2020

**Addenda**

ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 90.4-2019, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2019): 10/30/2020

**Addenda**

ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 140-2017, Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs (addenda to ANSI/ASHRAE Standard 140-2014): 10/30/2020

**Addenda**

ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 90.4-2019, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2019): 10/30/2020

**Addenda**

ANSI/ASHRAE Addendum d to ANSI/ASHRAE Standard 90.4-2019, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2019): 10/30/2020

**Addenda**

ANSI/ASHRAE Addendum e to ANSI/ASHRAE Standard 90.4-2019, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2019): 10/30/2020

**Addenda**

ANSI/ASHRAE Addendum j to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019): 10/30/2020

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

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

**Addenda**

ANSI/ASHRAE Addendum k to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019): 10/30/2020

**Addenda**

ANSI/ASHRAE/ASHE Addendum 170s-2017, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013): 10/30/2020

**Addenda**

ANSI/ASHRAE/IES Addendum a to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019): 10/30/2020

**Addenda**

ANSI/ASHRAE/IES Addendum c to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019): 10/30/2020

**Addenda**

ANSI/ASHRAE/IES Addendum h to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2019): 10/30/2020

**Addenda**

ANSI/ASHRAE/IES Addendum i to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019): 10/30/2020

**Addenda**

ANSI/ASHRAE/IES Addendum k to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2019): 10/30/2020

**Addenda**

ANSI/ASHRAE/IES Addendum l to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2019): 10/30/2020

**Addenda**

ANSI/ASHRAE/IES Addendum m to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2019): 10/30/2020

**Addenda**

ANSI/ASHRAE/IES Addendum n to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2019): 10/30/2020

**ASME (American Society of Mechanical Engineers)**

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

**Revision**

ANSI/ASME B18.8.2-2020a, Taper Pins, Dowel Pins, Straight Pins, Grooved Pins and Spring Pins (Inch Series) (revision of ANSI/ASME B18.8.2-2020): 10/30/2020

**ASME (American Society of Mechanical Engineers)**

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

**Revision**

ANSI/ASME NM-3-2020, Nonmetallic Materials - Part 1: Thermoplastic Material Specifications - Part 2: Thermoset Material Specifications - Part 3: Properties (revision of ANSI/ASME NM-3-2018): 10/29/2020

**Revision**

ANSI/ASME PTC 18-2020, Hydraulic Turbines and Pump-Turbines (revision of ANSI/ASME PTC 18-2011): 10/30/2020

**AWWA (American Water Works Association)**

6666 W. Quincy Ave., Denver, CO 80235 p: (303) 347-6178 w: [www.awwa.org](http://www.awwa.org)

**Revision**

ANSI/AWWA G485-2020, Potable Reuse Program Operation and Management (revision of ANSI/AWWA G485-2018): 10/29/2020

**CGA (Compressed Gas Association)**

8484 Westpark Drive, Suite 220, McLean, VA 22102 p: (703) 788-2728 w: [www.cganet.com](http://www.cganet.com)

**Revision**

ANSI/CGA P-18-2020, Standard for Bulk Inert Gas Systems (revision of ANSI/CGA P-18-2013): 10/28/2020

**CTA (Consumer Technology Association)**

1919 South Eads Street, Arlington, VA 22202 p: (703) 907-7697 w: [www.cta.tech](http://www.cta.tech)

**\* Revision**

ANSI/CTA 2048-A-2020, Host and Router Profiles for IPv6 (revision and redesignation of ANSI/CTA 2048-2014): 10/27/2020

**FM (FM Approvals)**

1151 Boston-Providence Turnpike, Norwood, MA 02062 p: (781) 255-4813 w: [www.fmglobal.com](http://www.fmglobal.com)

**New Standard**

ANSI/FM 4411-2020, Cavity Wall Systems (new standard): 11/2/2020

**ICC (International Code Council)**

4051 Flossmoor Road, Country Club Hills, IL 60478 p: (888) 422-7233 4205 w: [www.iccsafe.org](http://www.iccsafe.org)

**Revision**

ANSI/ICC 500-2020, ICC/NSSA Standard for the Design and Construction of Storm Shelters (revision of ANSI/ICC 500-2014): 11/2/2020

**ISEA (International Safety Equipment Association)**

1901 North Moore Street, Suite 808, Arlington, VA 22209 p: (703) 525-1695 w: [www.safetysafetyequipment.org](http://www.safetysafetyequipment.org)

**Reaffirmation**

ANSI/ISEA Z358.1-2014 (R2020), Emergency Eyewash and Shower Equipment (reaffirmation of ANSI/ISEA Z358.1-2014): 10/28/2020

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

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

***Stabilized Maintenance***

INCITS 461-2010 [S2020], Information Technology - Fibre Channel - Switch Fabric - 5 (FC-SW-5) (stabilized maintenance of INCITS 461-2010 [R2015]): 10/30/2020

***Stabilized Maintenance***

INCITS 462-2010 [S2020], Information Technology - Fibre Channel - Backbone - 5 (FC-BB-5) (stabilized maintenance of INCITS 462-2010 [R2015]): 10/30/2020

***Stabilized Maintenance***

INCITS 463-2010 [S2020], Information Technology - Fibre Channel - Generic Services - 6 (FC-GS-6) (stabilized maintenance of INCITS 463-2010 [R2015]): 10/30/2020

***Stabilized Maintenance***

INCITS 464-2010 [S2020], Information Technology - Information Management - Extensible Access Method (XAM) (stabilized maintenance of INCITS 464-2010 [R2015]): 10/30/2020

***Stabilized Maintenance***

INCITS/ISO 5654-1:1984 [S2020], Information processing - Data interchange on 200 mm (8 in) flexible disk cartridges using two-frequency recording at 13 262 ftprad, 1,9 tpmm (48 tpi), on one side - Part 1: Dimensional, physical and magnetic characteristics (stabilized maintenance of INCITS/ISO 5654-1:1984 [R2015]): 10/30/2020

***Stabilized Maintenance***

INCITS/ISO 6596-1:1985 [S2020], Information processing - Data interchange on 130 mm (5.25 in) flexible disk cartridges using two-frequency recording at 7 958 ftprad, 1.9 tpmm (48 tpi), on one side - Part 1: Dimensional, physical and magnetic characteristics (stabilized maintenance of INCITS/ISO 6596-1:1985 [R2015]): 10/30/2020

***Stabilized Maintenance***

INCITS/ISO 7065-1:1985 [S2020], Information processing - Data interchange on 200 mm (8 in) flexible disk cartridges using modified frequency modulation recording, 13 262 ftprad, 1,9 tpmm (48 tpi), both sides - Part 1: Dimensional, physical and magnetic characteristics (stabilized maintenance of INCITS/ISO 7065-1:1985 [R2015]): 10/30/2020

***Stabilized Maintenance***

INCITS/ISO 8630-1:1987 [S2020], Information processing - Data interchange on 130 mm (5.25 in) flexible disk cartridges using modified frequency modulation recording at 13 262 ftprad, on 80 tracks on each side - Part 1: Dimensional, physical and magnetic characteristics (stabilized maintenance of INCITS/ISO 8630-1:1987 [R2015]): 10/30/2020

***Stabilized Maintenance***

INCITS/ISO 8860-1:1987 [S2020], Information Processing - Data Interchange on 90 mm (3.5 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 7 958 ftprad on 80 Tracks on Each Side - Part 1: Dimensional, Physical and Magnetic Characteristics (stabilized maintenance of INCITS/ISO 8860-1:1987 [R2015]): 10/30/2020



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

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

***Stabilized Maintenance***

INCITS/ISO 3561:1976 [S2020], Information processing - Interchangeable magnetic six-disk pack - Track format (stabilized maintenance of INCITS/ISO 3561:1976 [R2015]): 10/30/2020

***Stabilized Maintenance***

INCITS/ISO 3562:1976 [S2020], Information processing - Interchangeable magnetic single-disk cartridge (top loaded) - Physical and magnetic characteristics (stabilized maintenance of INCITS/ISO 3562:1976 [R2015]): 10/30/2020

***Stabilized Maintenance***

INCITS/ISO 3563:1976 [S2020], Information processing - Interchangeable magnetic single-disk cartridge (top loaded) - Track format (stabilized maintenance of INCITS/ISO 3563:1976 [R2015]): 10/30/2020

***Stabilized Maintenance***

INCITS/ISO 3564:1976 [S2020], Information processing - Interchangeable magnetic eleven-disk pack - Physical and magnetic characteristics (stabilized maintenance of INCITS/ISO 3564:1976 [R2015]): 10/30/2020

***Stabilized Maintenance***

INCITS/ISO 3692:1996 [S2020], Information processing - Reels and cores for 25,4 mm (1 in) perforated paper tape for information interchange - Dimensions (stabilized maintenance of INCITS/ISO 3692:1996 [R2015]): 10/30/2020

***Stabilized Maintenance***

INCITS/ISO 4337:1977 [S2020], Information processing - Interchangeable magnetic twelve-disk pack (100 Mbytes) (stabilized maintenance of INCITS/ISO 4337:1977 [R2015]): 10/30/2020

***Stabilized Maintenance***

INCITS/ISO 5653:1980 [S2020], Information processing - Interchangeable magnetic twelve-disk pack (200 Mbytes) (stabilized maintenance of INCITS/ISO 5653:1980 [R2015]): 10/30/2020

***Stabilized Maintenance***

INCITS/ISO/IEC 7487-1:1993 [S2020], Information technology - Data interchange on 130 mm (5,25 in) flexible disk cartridges using modified frequency modulation recording at 7 958 ftprad, 1,9 tpm (48 tpi), on both sides - ISO type 202 - Part 1: Dimensional, physical and magnetic characteristics (stabilized maintenance of INCITS/ISO/IEC 7487-1:1993 [R2015]): 10/30/2020

***Stabilized Maintenance***

INCITS/ISO/IEC 9529-1:1989 [S2020], Information Processing Systems - Data Interchange on 90 mm (3,5 In) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 15 916 ftprad, on 80 Tracks on Each Side - Part 1: Dimensional, Physical and Magnetic Characteristics (stabilized maintenance of INCITS/ISO/IEC 9529-1:1989 [R2015]): 10/30/2020

***Stabilized Maintenance***

INCITS/ISO/IEC 19757-4:2006/COR 1:2008 [S2020], Information technology - Document Schema Definition Languages (DSDL) - Part 4: Namespace-based Validation Dispatching Language (NVDL) - Technical Corrigendum 1 (stabilized maintenance of INCITS/ISO/IEC 19757-4:2006/COR 1:2008 [R2015]): 10/30/2020

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**Stabilized Maintenance**

INCITS/ISO/IEC 19796-3:2009 [S2020], Information Technology - Learning, Education and Training - Quality Management, Assurance and Metrics - Part 3: Reference Methods and Metrics (stabilized maintenance of INCITS/ISO/IEC 19796-3:2009 [R015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 10744:1997 [S2020], Information technology - Hypermedia/Time-based Structuring Language (HyTime) (stabilized maintenance of INCITS/ISO/IEC 10744:1997 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 10885:1993 [S2020], Information technology - 356 mm optical disk cartridge for information interchange - Write once (stabilized maintenance of INCITS/ISO/IEC 10885:1993 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 11560:1992 [S2020], Information Technology - Information Interchange on 130 mm Optical Disk Cartridges Using the Magneto-Optical Effect, for Write Once, Read Multiple Functionality (stabilized maintenance of INCITS/ISO/IEC 11560:1992 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 14760:1997 [S2020], Information technology - Data interchange on 90 mm overwritable and read only optical disk cartridges using phase change - Capacity: 1,3 Gbytes per cartridge (stabilized maintenance of INCITS/ISO/IEC 14760:1997 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 15445:2000 [S2020], Information technology - Document description and processing languages - HyperText Markup Language (HTML) (stabilized maintenance of INCITS/ISO/IEC 15445:2000 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 15485:1997 [S2020], Information technology - Data interchange on 120 mm optical disk cartridges using phase change PD format - Capacity: 650 Mbytes per cartridge (stabilized maintenance of INCITS/ISO/IEC 15485:1997 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 15498:1997 [S2020], Information technology - Data interchange on 90 mm optical disk cartridges - HS -1 format - Capacity: 650 Mbytes per cartridge (stabilized maintenance of INCITS/ISO/IEC 15498:1997 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 15718:1998 [S2020], Information technology - Data interchange on 8 mm wide magnetic tape cartridge - Helical scan recording - HH-1 format (stabilized maintenance of INCITS/ISO/IEC 15718:1998 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 15895:1999 [S2020], Information technology - Data interchange on 12,7 mm 128-track magnetic tape cartridges - DLT 3-XT format (stabilized maintenance of INCITS/ISO/IEC 15895:1999 [R2015]): 10/30/2020

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

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**Stabilized Maintenance**

INCITS/ISO/IEC 15896:1999 [S2020], Information technology - Data interchange on 12,7 mm 208-track magnetic tape cartridges - DLT 5 format (stabilized maintenance of INCITS/ISO/IEC 15896:1999 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 16382:2000 [S2020], Information technology - Data interchange on 12,7 mm 208-track magnetic tape cartridges - DLT 6 format (stabilized maintenance of INCITS/ISO/IEC 16382:2000 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 16824:1999 [S2020], Information technology - 120 mm DVD rewritable disk (DVD-RAM) (stabilized maintenance of INCITS/ISO/IEC 16824:1999 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 16825:1999 [S2020], Information technology - Case for 120 mm DVD-RAM disks (stabilized maintenance of INCITS/ISO/IEC 16825:1999 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 16969:1999 [S2020], Information technology - Data interchange on 120 mm optical disk cartridges using +RW format - Capacity: 3,0 Gbytes and 6,0 Gbytes (stabilized maintenance of INCITS/ISO/IEC 16969:1999 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 17342:2004 [S2020], Information Technology - 80 mm (1,46 Gbytes per Side) and 120 mm (4,70 Gbytes per Side) DVD Re-Recordable Disk (DVD-RW) (stabilized maintenance of INCITS/ISO/IEC 17342:2004 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 17346:2005 [S2020], Information Technology - Data Interchange on 90 mm Optical Disk Cartridges - Capacity: 1,3 Gbytes per Cartridge (stabilized maintenance of INCITS/ISO/IEC 17346:2005 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 17592:2004 [S2020], Information technology - 120 mm (4,7 Gbytes per side) and 80 mm (1,46 Gbytes per side) DVD rewritable disk (DVD-RAM) (stabilized maintenance of INCITS/ISO/IEC 17592:2004 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 17594:2004 [S2020], Information technology - Cases for 120 mm and 80 mm DVD-RAM disks (stabilized maintenance of INCITS/ISO/IEC 17594:2004 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 17913:2000 [S2020], Information Technology - 12,7 mm 128-Track Magnetic Tape Cartridge for Information Interchange - Parallel Serpentine Format (stabilized maintenance of INCITS/ISO/IEC 17913:2000 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 22533:2005 [S2020], Information technology - Data interchange on 90 mm Optical Disk Cartridges - Capacity: 2,3 Gbytes per Cartridge (stabilized maintenance of INCITS/ISO/IEC 22533:2005 [R2015]): 10/30/2020

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

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**Stabilized Maintenance**

INCITS/ISO/IEC 23912:2005 [S2020], Information Technology - 80 mm (1,46 Gbytes per Side) and 120 mm (4,70 Gbytes per Side) DVD Recordable Disk (DVD-R) (stabilized maintenance of INCITS/ISO/IEC 23912:2005 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 25435:2006 [S2020], Data Interchange on 60 mm Read-Only ODC - Capacity: 1,8 Gbytes (UMDTM) (stabilized maintenance of INCITS/ISO/IEC 25435:2006 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 29171:2009 [S2020], Information technology - Digitally recorded media for information interchange and storage - Information Versatile Disk for Removable usage (iVDR) cartridge (stabilized maintenance of INCITS/ISO/IEC 29171:2009 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 8879:1986/AM 1:1988 [S2020], Information Processing - Text and Office Systems - Standard Generalized Markup Language (SGML) - Amendment 1 (stabilized maintenance of INCITS/ISO/IEC 8879:1986/AM 1:1988 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 8879:1986/COR 1:1996 [S2020], Information Processing - Text and Office Systems - Standard Generalized Markup Language (SGML) - Technical Corrigendum 1 (stabilized maintenance of INCITS/ISO/IEC 8879:1986/COR 1:1996 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 8879:1986/COR 2:1999 [S2020], Information Processing - Text and Office Systems - Standard Generalized Markup Language (SGML) - Technical Corrigendum 2 (stabilized maintenance of INCITS/ISO/IEC 8879:1986/COR 2:1999 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 10036:1996/COR 1:2001 [S2020], Information Technology - Font Information Interchange - Procedures for Registration of Font-Related Identifiers - Technical Corrigendum 1 (stabilized maintenance of INCITS/ISO/IEC 10036:1996/COR 1:2001 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 10036:1996/COR 2:2002 [S2020], Information Technology - Font Information Interchange - Procedures for Registration of Font-Related Identifiers - Technical Corrigendum 2 (stabilized maintenance of INCITS/ISO/IEC 10036:1996/COR 2:2002 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 10179:1996/COR 1:2001 [S2020], Information Technology - Processing Languages - Document Style Semantics and Specification Language (DSSSL) - Technical Corrigendum 1 (stabilized maintenance of INCITS/ISO/IEC 10179:1996/COR 1:2001 [R2015]): 10/30/2020

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

700 K Street NW, Suite 600, Washington, DC 20001 p: (202) 737-8888 w: [www.incits.org](http://www.incits.org)

**Stabilized Maintenance**

INCITS/ISO/IEC 10179:1996/AM 2:2005 [S2020], Information Technology - Processing Languages - Document Style Semantics and Specification Language (DSSSL) - Amendment 2 (stabilized maintenance of INCITS/ISO/IEC 10179:1996/AM 2:2005 [R2015]): 10/30/2020

**Stabilized Maintenance**

INCITS/ISO/IEC 10180:1995/COR 1:2001 [S2020], Information Technology - Processing Languages - Standard Page Description Language (SPDL) - Technical Corrigendum 1 (stabilized maintenance of INCITS/ISO/IEC 10180:1995/COR 1:2001 [R2015]): 10/30/2020

**NSF (NSF International)**

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-3817 w: [www.nsf.org](http://www.nsf.org)

**Revision**

ANSI/NSF 18-2020 (i15r1), Manual Food and Beverage Dispensing Equipment (revision of ANSI/NSF 8-2016): 10/27/2020

**Revision**

ANSI/NSF 455-2-2020 (i3r2), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2018): 11/2/2020

**Revision**

ANSI/NSF 455-2-2020 (i8r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2018): 11/1/2020

**Revision**

ANSI/NSF 455-4-2020 (i14r3), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018): 11/2/2020

**Revision**

ANSI/NSF/CAN 50-2020 (i139r4), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2019): 10/27/2020

**Revision**

ANSI/NSF/CAN 50-2020 (i141r3), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2019): 10/23/2020

**UL (Underwriters Laboratories)**

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

**New National Adoption**

ANSI/UL 61800-5-2-2020, Standard for Safety for Standard for Safety for Adjustable Speed Electrical Power Drive Systems - Part 5-2: Safety Requirements - Functional (national adoption of IEC 61800-5-2 with modifications and revision of ANSI/UL 61800-5-2-2012 (R2017)): 11/3/2020

**Revision**

ANSI/UL 827-2020a, Standard for Safety for Central-Station Alarm Services (revision of ANSI/UL 827-2019): 10/27/2020

**UL (Underwriters Laboratories)**

333 Pfingsten Road, Northbrook, IL 60062 p: (847) 664-3198 w: <https://ul.org/>

***Revision***

ANSI/UL 1576-2020, Standard for Safety for Flash Lights and Lanterns (revision of ANSI/UL 1576-2018): 10/30/2020

***Revision***

ANSI/UL 2748-2020, Standard for Safety for Arcing Fault Quenching Equipment (revision of ANSI/UL 2748-2019):  
10/26/2020

# 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.

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## ASME (American Society of Mechanical Engineers)

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

**CONTACT:** Terrell Henry; [ansibox@asme.org](mailto:ansibox@asme.org)

BSR/ASME B31Q-202x, Pipeline Personnel Qualification (revision of ANSI/ASME B31Q-2018)

## DirectTrust (DirectTrust.org, Inc.)

1629 K Street NW, Suite 300, Washington, DC 20006 p: (240) 289-3922 w: [www.DirectTrust.org](http://www.DirectTrust.org)

**CONTACT:** Billie Zidek; [standards@directtrust.org](mailto:standards@directtrust.org)

BSR/DS 2019-01-V01-202x, The Direct Standard™ (new standard)

Are you interested in contributing to the development and maintenance of the The Direct Standard™ to enable exchange of authenticated, encrypted health information to known trusted recipients?

DirectTrust Standards is currently looking for members in the following categories: (a) Providers of Direct exchange services; (b) Users of Direct exchange services; (c) Healthcare providers or provider organizations; (d) Governmental agencies; (e) Non-profit organizations; (f) Patient or consumer advocates; or (g) General interest. If you are interested in joining DS 2019, contact [standards@directtrust.org](mailto:standards@directtrust.org) or visit <https://standards.directtrust.org/> for more information.

## NEMA (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 1752, Arlington, VA 22209 p: (703) 841-3279 w: [www.nema.org](http://www.nema.org)

**CONTACT:** Brian Marchionini; [brian.marchionini@nema.org](mailto:brian.marchionini@nema.org)

BSR/NEMA 62321-1-202x, Determination of certain substances in electrotechnical products - Part 1: Introduction and overview (identical national adoption of IEC 62321-1:2013)

BSR/NEMA 62321-2-202x, Determination of certain substances in electrotechnical products - Part 2: Disassembly, disjunction and mechanical sample preparation (identical national adoption of IEC 62321-2:2013)

BSR/NEMA 62321-5-202x, Determination of certain substances in electrotechnical products - Part 5: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS (identical national adoption of IEC 62321-5:2013)

BSR/NEMA 62321-6-202x, Determination of certain substances in electrotechnical products - Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography-mass spectrometry (GC-MS) (identical national adoption of IEC 62321-6:2015)

BSR/NEMA 62321-8-202x, Determination of certain substances in electrotechnical products - Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas chromatography-mass spectrometry using a pyrolyzer/thermal desorption accessory (Py-TD-GC-MS) (identical national adoption of IEC 62321-8:2017)

BSR/NEMA 62321-10-202x, Determination of certain substances in electrotechnical products - Part 10: Polycyclic aromatic hydrocarbons (PAHs) in polymers and electronics by gas chromatography-mass spectrometry (GC-MS) (identical national adoption of IEC 62321-10:2020)

BSR/NEMA 62321-3-1-202x, Determination of certain substances in electrotechnical products - Part 3-1: Screening - Lead, mercury, cadmium, total chromium and total bromine using X-ray fluorescence spectrometry (identical national adoption of IEC 62321-3-1:2013)

Call for Members (ANS Consensus Bodies)

### **NEMA (National Electrical Manufacturers Association)**

1300 North 17th Street, Suite 1752, Arlington, VA 22209 p: (703) 841-3279 w: [www.nema.org](http://www.nema.org)

BSR/NEMA 62321-3-2-202x, Determination of certain substances in electrotechnical products - Part 3-2: Screening - Fluorine, bromine and chlorine in polymer and electronics by combustion-ion chromatography (C-IC) (identical national adoption of IEC 62321-3-2:2020)

BSR/NEMA 62321-7-1-202x, Determination of certain substances in electrotechnical products - Part 7-1: Hexavalent chromium - Presence of hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method (identical national adoption of IEC 62321-7-1:2015)

BSR/NEMA 62321-7-2-202x, Determination of certain substances in electrotechnical products - Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method (identical national adoption of IEC 62321-7-2:2017)

BSR/NEMA 62430-202x, Environmentally conscious design (ECD) - Principles, requirements and guidance (identical national adoption of IEC 62430:2019)

BSR/NEMA 62474-202x, Material declaration for products of and for the electrotechnical industry (identical national adoption of IEC 62474:2018)

BSR/NEMA 62321-4-202xAMD1 CSV-202x, Determination of certain substances in electrotechnical products - Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS (identical national adoption of IEC 62321-4:2013AMD1:2017 CSV)

### **NSF (NSF International)**

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 418-6660 w: [www.nsf.org](http://www.nsf.org)

**CONTACT:** Jason Snider; [jsnider@nsf.org](mailto:jsnider@nsf.org)

BSR/NSF/CAN 50-202x (i160r6), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2019)

BSR/NSF/CAN 50-202x (i165r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2019)

### **TAPPI (Technical Association of the Pulp and Paper Industry)**

15 Technology Parkway South, Suite 115, Peachtree Corners, GA 30092 p: (770) 209-7278 w: [www.tappi.org](http://www.tappi.org)

**CONTACT:** Deborah Dodson; [standards@tappi.org](mailto:standards@tappi.org)

BSR/TAPPI T 569 om-202x, Internal bond strength (Scott type) (revision of ANSI/TAPPI T 569 om-2014)

### **UL (Underwriters Laboratories)**

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

**CONTACT:** Kelly Smoke; [kelly.smoke@ul.org](mailto:kelly.smoke@ul.org)

BSR/UL 1026-202x, Standard for Safety for Household Electric Cooking and Food Serving Appliances (revision of ANSI/UL 1026-2012)

BSR/UL 1042-202x, Standard for Safety for Electric Baseboard Heating Equipment (revision of ANSI/UL 1042-2009)

BSR/UL 2021-202x, Standard for Safety for Fixed and Location-Dedicated Electric Room Heaters (revision of ANSI/UL 2021-2015)

Call for Members (ANS Consensus Bodies)



# Call for Members (ANS Consensus Bodies)

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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.

## ANSI Accredited Standards Developer

### 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](mailto: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

## ANSI Accredited Standards Developer

### SCTE (Society of Cable Telecommunications Engineers)

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

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities. Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at [www.scte.org](http://www.scte.org) or by e-mail from [standards@scte.org](mailto:standards@scte.org).

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

# Accreditation Announcements (Standards Developers)

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## Approval of Reaccreditation – ASD

### ASIS International (ASIS)

ANSI's Executive Standards Council has approved the reaccreditation of ASIS International, an ANSI Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on ASIS International-sponsored American National Standards, effective October 29, 2020. For additional information, please contact: Ms. Aivelis Opicka, Director, Standards & Guidelines, ASIS International, 1625 Prince Street, Alexandria, VA 22314-2818; phone: 703.518.1439; email: Aivelis.Opicka@asisonline.org

## Approval of Reaccreditation – ASD

### GISC (ASC Z97) - Glazing Industry Secretariat Committee

#### Accredited Standards Committee Z97, Safety Requirements for Architectural Glazing Material

The reaccreditation of Accredited Standards Committee Z97, Safety Requirements for Architectural Glazing Material, has been approved at the direction of ANSI's Executive Standards Council under its recently revised operating procedures for documenting consensus on ASC Z97-sponsored American National Standards, effective November 2, 2020. For additional information, please contact the Secretariat of ASC Z97: Ms. Julia Schimmelpenninck, Industry Technical Leader/CASL, Glazing Industry Secretariat Committee, Eastman Chemical Company, 730 Worcester Street, Springfield, MA 01151; phone: 413.627.0606; email: jcschi@eastman.com

## Public Review of Revised ASD Operating Procedures

### 3-A Sanitary Standards Inc. (3-A SSI)

#### Comment Deadline: December 7, 2020

3-A Sanitary Standards Inc. (3-A SSI), an ANSI member and Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on 3-A SSI-sponsored American National Standards, under which it was last reaccredited in 2017. As the current revisions appear to be substantive in nature, the reaccreditation process is initiated (This revision is a complete rewrite of the document, so there is no strikethrough/underline version available). To obtain a copy of the revised procedures or to offer comments, please contact: Mr. Tim Rugh, CAE, Executive Director, 3-A SSI, 6888 Elm Street, Suite 2D, McLean, VA 22101-3829; phone: 703.790.0295; email: trugh@3-A.org. You may view/download a copy of the revisions during the public review period at the following URL: <https://share.ansi.org/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2FShared%20Documents%2FStandards%20Activities%2FPublic%20Review%20and%20Comment%2FANSI%20Accreditation%20Actions%2FNovember%206%20%2D%20December%207%2C%202020%20Public%20Review%20Period&InitialTabId=Ribbon%2EDocument&VisibilityContext=WSSTabPersistence>. Please submit any public comments on the revised procedures to 3-A by December 7, 2020, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org)

# Meeting Notices (Standards Developers)

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ANSI-Accredited Standards Committee: R15.06, Industrial Robot Safety

## RIA (Robotic Industries Association)

**ANSI-Accredited Standards Committee: R15.06, Industrial Robot Safety**

Meeting Format & Location: Remote via GoToMeeting

Purpose: Comment resolution for TR 906, Safety-related software.

Note: If we complete comment resolution for TR 906 during Session 1, then Session 2 will be cancelled.

Day/Date/Time: The meeting will be held in two 2-hour sessions as follows:

Session 1: Tuesday, 12/15/20, from 10 AM – 12 Noon ET (17 – 9 AM PT)

Session 2: Thursday, 12/17/20, from 10 AM – 12 Noon ET (17 – 9 AM PT)

For More Information: Contact Carole Franklin, [cfranklin@robotics.org](mailto:cfranklin@robotics.org)

## RIA (Robotic Industries Association)

**ANSI-Accredited Standards Committee: R15.08, Part 1, Industrial Mobile Robot Safety**

Meeting Format & Location: Remote via GoToMeeting

Purpose: Comment resolution for R15.08, Part 1, Safety requirements for industrial mobile robots; to resolve comments received during the second public comment period (which closes 11/2/20).

Note: Depending on the number and nature of public comments received, this meeting could be cancelled if it is not needed. Determination of this will be made on 11/3/20 (following the closure of the second public comment period).

Day/Date/Time: The meeting will be held in a single 2-hour session on:

Monday, 11/16/20, from 2:30 - 4:30 PM ET (11:30 - 1:30 PT)

For More Information: Contact Carole Franklin, [cfranklin@robotics.org](mailto:cfranklin@robotics.org)

## RIA (Robotic Industries Association)

**ANSI-Accredited Standards Committee: R15.08, Part 2, Industrial Mobile Robot Safety**

Meeting Format & Location: Remote via GoToMeeting

Purpose: Review, discuss, and approve Structure for R15.08, Part 2, Safety requirements for industrial mobile robot systems and system integration.

Note: If the decision regarding high-level structure progresses quickly, this meeting MIGHT go on further to discuss and decide on a detailed outline for R15.08 Part 2.

Day/Date/Time: The meeting will be held in a single 2-hour session on:

Wednesday, 12/09/20, from 2:30 - 4:30 PM ET (11:30 - 1:30 PT)

For More Information: Contact Carole Franklin, [cfranklin@robotics.org](mailto:cfranklin@robotics.org)

# American National Standards (ANS) Process

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

## Where to find Procedures, Guidance, Interpretations and More...

Please visit ANSI's website ([www.ansi.org](http://www.ansi.org))

- ANSI Essential Requirements: Due process requirements for American National Standards (always current edition): [www.ansi.org/essentialrequirements](http://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](http://www.ansi.org/standardsaction)
- Accreditation information – for potential developers of American National Standards (ANS): [www.ansi.org/sdoaccreditation](http://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](http://www.ansi.org/asd)
- Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS: [www.ansi.org/asd](http://www.ansi.org/asd)
- American National Standards Key Steps: [www.ansi.org/anskeysteps](http://www.ansi.org/anskeysteps)
- American National Standards Value: [www.ansi.org/ansvalue](http://www.ansi.org/ansvalue)
- ANS Web Forms for ANSI-Accredited Standards Developers - PINS, BSR8|108, BSR11, Technical Report: <https://www.ansi.org/portal/psawebforms/>
- Information about standards Incorporated by Reference (IBR): <https://ibr.ansi.org/>
- ANSI - Education and Training: [www.standardslearn.org](http://www.standardslearn.org)

If you have a question about the ANS process and cannot find the answer, please email us at: [psa@ansi.org](mailto:psa@ansi.org) . Please also visit Standards Boost Business at [www.standardsboostbusiness.org](http://www.standardsboostbusiness.org) for resources about why standards matter, testimonials, case studies, FAQs and more.

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

# American National Standards 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.

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- **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](http://www.ansi.org/asd), select "American National Standards Maintained Under Continuous Maintenance." Questions? [psa@ansi.org](mailto:psa@ansi.org).

# ANSI-Accredited Standards Developers Contacts

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](mailto:standact@ansi.org).

## AAFS

American Academy of Forensic Sciences  
410 North 21st Street  
Colorado Springs, CO 80904  
p: (719) 453-1036  
[www.aafs.org](http://www.aafs.org)

## AAMI

Association for the Advancement of Medical Instrumentation  
901 N. Glebe Road, Suite 300  
Arlington, VA 22203  
p: (703) 253-8261  
[www.aami.org](http://www.aami.org)

## ABMA (ASC B3)

American Bearing Manufacturers Association  
1001 N. Fairfax Street  
Suite 500  
Alexandria, VA 22314  
p: (703) 838-0053  
[www.americanbearings.org](http://www.americanbearings.org)

## ABYC

American Boat and Yacht Council  
613 Third Street  
Suite 10  
Annapolis, MD 21403  
p: (410) 990-4460  
[www.abycinc.org](http://www.abycinc.org)

## ANS

American Nuclear Society  
555 North Kensington Avenue  
La Grange Park, IL 60526  
p: (708) 579-8268  
[www.ans.org](http://www.ans.org)

## APCO

Association of Public-Safety Communications Officials-International  
351 N. Williamson Boulevard  
Daytona Beach, FL 32114  
p: 571-289-7402  
[www.apcolntl.org](http://www.apcolntl.org)

## APTech (ASC CGATS)

Association for Print Technologies  
1896 Preston White Drive  
Reston, VA 20191  
p: (703) 264-7220  
[www.printtechnologies.org](http://www.printtechnologies.org)

## ASABE

American Society of Agricultural and Biological Engineers  
2950 Niles Road  
Saint Joseph, MI 49085  
p: (269) 932-7009  
<https://www.asabe.org/>

## ASC X9

Accredited Standards Committee X9, Incorporated  
275 West Street  
Suite 107  
Annapolis, MD 21401  
p: (410) 267-7707  
[www.x9.org](http://www.x9.org)

## ASHRAE

American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.  
1791 Tullie Circle NE  
Atlanta, GA 30329  
p: (678) 539-2114  
[www.ashrae.org](http://www.ashrae.org)

## ASME

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

## ASTM

ASTM International  
100 Barr Harbor Drive  
West Conshohocken, PA 19428  
-2959  
p: (610) 832-9744  
[www.astm.org](http://www.astm.org)

## AWS

American Welding Society  
8669 NW 36th Street  
Suite 130  
Miami, FL 33166-6672  
p: (305) 443-9353 306  
[www.aws.org](http://www.aws.org)

## AWS (ASC Z49)

American Welding Society  
8669 NW 36th Street  
Suite 130  
Miami, FL 33166-6672  
p: (305) 443-9353 305  
[www.aws.org](http://www.aws.org)

## AWWA

American Water Works Association  
6666 W. Quincy Ave.  
Denver, CO 80235  
p: (303) 347-6178  
[www.awwa.org](http://www.awwa.org)

**CGA**

Compressed Gas Association  
8484 Westpark Drive  
Suite 220  
McLean, VA 22102  
p: (703) 788-2728  
www.cganet.com

**CSA**

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

**CTA**

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

**DirectTrust**

DirectTrust.org, Inc.  
1629 K Street NW  
Suite 300  
Washington, DC 20006  
p: (240) 289-3922  
www.DirectTrust.org

**FM**

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

**ICC**

International Code Council  
4051 Flossmoor Road  
Country Club Hills, IL 60478  
p: (888) 422-7233 4205  
www.iccsafe.org

**IIAR**

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

**ISEA**

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

**ITI (INCITS)**

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

**NEMA (ASC C12)**

National Electrical Manufacturers  
Association  
1300 North 17th Street  
Suite 900  
Rosslyn, VA 22209  
p: (703) 477-9997  
www.nema.org

**NEMA (Canvass)**

National Electrical Manufacturers  
Association  
1300 North 17th Street  
Suite 1752  
Arlington, VA 22209  
p: (703) 841-3279  
www.nema.org

**NENA**

National Emergency Number  
Association  
1700 Diagonal Road  
Suite 500  
Alexandria, VA 22314  
p: (727) 312-3230  
www.nena.org

**NSF**

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

**SAIA (ASC A92)**

Scaffold & Access Industry  
Association  
400 Admiral Boulevard  
Kansas City, MO 64106  
p: (816) 595-4860  
www.saiaonline.org

**TAPPI**

Technical Association of the Pulp and  
Paper Industry  
15 Technology Parkway South  
Suite 115  
Peachtree Corners, GA 30092  
p: (770) 209-7278  
www.tappi.org

**UL**

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

**VC (ASC Z80)**

The Vision Council  
225 Reinekers Lane  
Alexandria, VA 22314  
p: 585-387-9913  
www.z80asc.com



# ISO & IEC Draft International Standards

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

## COMMENTS

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

Those regarding IEC documents should be sent to Tony Zertuche, General Secretary, USNC/IEC, at ANSI's New York offices ([tzertuche@ansi.org](mailto: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](mailto: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

### GRAPHICAL SYMBOLS (TC 145)

ISO 7010/DAmD112, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 112: Safety sign M036: Lift ski tips - 1/18/2021, \$29.00

ISO 7010/DAmD113, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 113: Safety sign P037: Do not leave the tow-track - 1/18/2021, \$29.00

ISO 7010/DAmD114, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 114: Safety sign P038: Do not swing the chair - 1/18/2021, \$29.00

ISO 7010/DAmD115, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 115: Safety sign W074: Warning; Tornado zone - 1/18/2021, \$29.00

ISO 7010/DAmD116, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 116: Safety sign E025: Emergency call point - 1/18/2021, \$29.00

ISO 7010/DAmD117, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 117: Safety sign E026: First aid call point - 11/12/2003, \$29.00

ISO 7010/DAmD118, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 118: Safety sign F007: Fire alarm sounder - 11/12/2003, \$29.00

ISO 7010/DAmD119, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 119: Safety sign E027: Medical grab bag - 11/7/2024, \$29.00

### PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO 3837/DAmD1, Liquid petroleum products - Determination of hydrocarbon types - Fluorescent indicator adsorption method - Amendment 1 - 1/18/2021, \$29.00

### PIGMENTS, DYESTUFFS AND EXTENDERS (TC 256)

ISO/DIS 788, Ultramarine pigments - 1/21/2021, \$46.00

### PLASTICS (TC 61)

ISO 4892-2/DAmD1, Plastics - Methods of exposure to laboratory light sources - Part 2: Xenon-arc lamps - Amendment 1: Classification of daylight filters - 1/14/2021, \$33.00

### SEX TOYS - DESIGN AND SAFETY REQUIREMENTS FOR PRODUCTS IN DIRECT CONTACT WITH GENITALIA, THE ANUS, OR BOTH (TC 325)

ISO/DIS 3533, Sex toys - Design and safety requirements for products in direct contact with genitalia, the anus, or both - 1/20/2021, \$82.00

### TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO/DIS 24613-5, Language resource management - Lexical markup framework (LMF) - Part 5: Lexical base exchange (LBX) serialization - 1/14/2021, \$98.00

### TEXTILES (TC 38)

ISO/DIS 2403, Textiles - Cotton fibres - Determination of micronaire value - 1/21/2021, \$53.00

### THERMAL INSULATION (TC 163)

ISO/DIS 12571, Hygrothermal performance of building materials and products - Determination of hygroscopic sorption properties - 1/16/2021, \$71.00

### TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 17962/DAmD1, Agricultural machinery - Equipment for sowing - Minimization of the environmental effects of fan exhaust from pneumatic systems - Amendment 1 - 1/18/2021, \$40.00



**TRADITIONAL CHINESE MEDICINE (TC 249)**

ISO/DIS 23972, Traditional Chinese Medicine - Zingiber officinale rhizome - 1/14/2021, \$58.00

**ISO/IEC JTC 1, Information Technology**

ISO/IEC DIS 24745, Information security, cybersecurity and privacy protection - Biometric information protection - 1/16/2021, \$134.00

ISO/IEC DIS 21122-1, Information technology - JPEG XS low-latency lightweight image coding system - Part 1: Core coding system - 1/21/2021, \$165.00

ISO/IEC DIS 21122-3, Information technology - JPEG XS low-latency lightweight image coding system - Part 3: Transport and container formats - 1/21/2021, \$125.00

ISO/IEC DIS 21794-4, Information technology - Plenoptic image coding system (JPEG Pleno) - Part 4: Reference software - 1/16/2021, \$82.00

ISO/IEC DIS 30134-8, Information technology - Data centres - Key performance indicators - Part 8: Carbon Usage Effectiveness (CUE) - 1/21/2021, \$71.00

ISO/IEC DIS 30134-9, Information technology - Data centres - Key performance indicators - Part 9: Water Usage Effectiveness (WUE) - 1/21/2021, \$82.00

**IEC Standards**

8/1562/CD, IEC TS 62786-3 ED1: Distributed energy resources connection with the grid - Part 3 Additional requirements for Stationary Battery Energy Storage System, 01/22/2021

18A/437/FDIS, IEC 60092-360 ED2: Electrical installations in ships - Part 360: Insulating and sheathing materials for shipboard and offshore units, power, control, instrumentation and telecommunication cables, 12/11/2020

22/325/CDV, IEC 62477-1 ED2: Safety requirements for power electronic converter systems and equipment - Part 1: General, 01/22/2021

31/1560/CD, IEC 60079-2 ED7: Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure "p", 01/22/2021

32C/593/CD, IEC 60127-8/AMD1 ED1: Miniature fuses - Part 8: Fuse resistors with particular overcurrent protection, 01/22/2021

38/634/FDIS, IEC 61869-13 ED1: Instrument transformers - Part 13: Stand-alone merging unit (SAMU), 12/11/2020

42/386(F)/FDIS, IEC 61083-1 ED3: Instruments and software used for measurements in high-voltage and high-current tests - Part 1: Requirements for instruments for impulse tests, 11/27/2020

47/2655/CDV, IEC 62830-8 ED1: Semiconductor devices - Semiconductor devices for energy harvesting and generation - Part 8: Test and evaluation methods of flexible and stretchable supercapacitors for use in low power electronics, 01/22/2021

47/2664(F)/FDIS, IEC 62435-7 ED1: Electronic components - Long-term storage of electronic semiconductor devices - Part 7: Micro-electromechanical devices, 11/20/2020

47/2668/FDIS, IEC 62830-5 ED1: Semiconductor devices - Semiconductor devices for energy harvesting and generation - Part 5: Test method for measuring generated power from flexible thermoelectric devices, 12/11/2020

48B/2852/NP, PNW 48B-2852 ED1: Connectors for electronic equipment - Product requirements - Circular connectors size 15 - Detail specification for 3+PE power contact plus 2 auxiliary contact connectors with quick-locking, 01/22/2021

55/1875/CDV, IEC 60851-1 ED3: Winding wires - Test methods - Part 1: General, 01/22/2021

55/1882/NP, PNW 55-1882 ED1: Specifications for particular types of winding wires - Part 88: Polyester or polyesterimide overcoated with polyamide-imide enamelled round copper wire, class 220, 01/22/2021

55/1883/NP, PNW 55-1883 ED1: Specifications for particular types of winding wires - Part 89: Polyesterimide enamelled round aluminum wire, class 200, 01/22/2021

55/1884/NP, PNW 55-1884 ED1: Specifications for particular types of winding wires - Part 90: Polyester or polyesterimide enamelled round copper wire overcoated with polyamide, class 200, 01/22/2021

55/1885/NP, PNW 55-1885 ED1: Specifications for particular types of winding wires - Part 91: Solderable polyesterimide enamelled round copper wire, class 200, 01/22/2021

55/1886/NP, PNW 55-1886 ED1: Specifications for particular types of winding wires - Part 92: Polyester or polyesterimide overcoated with polyamide-imide enamelled round aluminum wire, class 220, 01/22/2021

55/1887/NP, PNW 55-1887 ED1: Specifications for particular types of winding wires - Part 93: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular copper wire, class 220, 01/22/2021

55/1888/NP, PNW 55-1888 ED1: Specifications for particular types of winding wires - Part 94: Solderable polyesterimide enamelled round copper wire, class 200, with a bonding layer, 01/22/2021

55/1889/NP, PNW 55-1889 ED1: Specifications for particular types of winding wires - Part 95: Polyesterimide enamelled round copper wire, class 200, with a bonding layer, 01/22/2021

55/1890/NP, PNW 55-1890 ED1: Specifications for particular types of winding wires - Part 96: Polyester or polyesterimide overcoated with polyamide-imide, enamelled round copper wire, class 220, with a bonding layer, 01/22/2021

- 55/1891/NP, PNW 55-1891 ED1: Specifications for particular types of winding wires - Part 97: Polyester-amide-imide enamelled round copper wire, class 220, 01/22/2021
- 57/2311/FDIS, IEC 61968-13 ED2: Application integration at electric utilities - System interfaces for distribution management - Part 13: Common distribution power system model profiles, 12/11/2020
- 59K/322/DISH, IEC 60350-1/ISH1 ED2: Interpretation Sheet 1 - Household electric cooking appliances - Part 1: Ranges, ovens, steam ovens and grills - Methods for measuring performance, 12/11/2020
- 62D/1790/CDV, ISO 80601-2-74 ED2: Medical electrical equipment - Part 2-74: Particular requirements for basic safety and essential performance of respiratory humidifying equipment, 01/22/2021
- 65/847/CD, IEC 63278-1 ED1: Asset administration shell for industrial applications - Part 1: Administration shell structure, 12/25/2020
- 65/848/CD, IEC 62443-2-4 ED2: Security for industrial automation and control systems - Part 2-4: Security program requirements for IACS service providers, 12/25/2020
- 69/735(F)/FDIS, IEC 61851-25 ED1: Electric vehicle conductive charging system - Part 25: DC EV supply equipment where protection relies on electrical separation, 11/13/2020
- 72/1249/CDV, IEC 60730-1 ED6: Automatic electrical controls - Part 1: General requirements, 01/22/2021
- 72/1259(F)/FDIS, IEC 60730-2-5/AMD2 ED4: Amendment 2 - Automatic electrical controls - Part 2-5: Particular requirements for automatic electrical burner control systems, 11/27/2020
- 76/670/FDIS, IEC 60825-2 ED4: Safety of laser products - Part 2: Safety of optical fibre communication systems (OFCs), 12/11/2020
- 80/977/FDIS, IEC 61924-2 ED2: Maritime navigation and radiocommunication equipment and systems - Integrated navigation systems (INS) - Part 2: Modular structure for INS - Operational and performance requirements, methods of testing and required test results, 12/11/2020
- 80/978/DPAS, IEC PAS 61174-1 ED1: Maritime navigation and radiocommunication equipment and systems - Route plan exchange format (RTZ) - General requirements, methods of testing and required test results, 12/25/2020
- 86B/4337/CDV, IEC 61300-3-7 ED3: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-7: Examinations and measurements - Wavelength dependence of attenuation and return loss of single mode components, 01/22/2021
- 95/452/CD, IEC 60255-27 ED3: Measuring relays and protection equipment - Part 27: Product safety requirements, 12/25/2020
- 95/453/CD, IEC 60255-1 ED2: Measuring relays and protection equipment - Part 1: Common requirements, 12/25/2020
- 97/219/CD, IEC 61820-2 ED1: Electrical installations for aeronautical ground lighting at aerodromes - Part 2: Requirements for series circuits, 12/25/2020
- 110/1259/CD, IEC 62629-62-11 ED1: 3D Display Devices - Part 62-11: Measurement methods for transparent virtual-image type - Optical, 12/25/2020
- 111/604/NP, PNW 111-604 ED1: Material declaration - Part 1: General requirements, 01/22/2021
- 112/501/CDV, IEC 60587 ED4: Electrical insulating materials used under severe ambient conditions - Test methods for evaluating resistance to tracking and erosion, 01/22/2021
- 112/511/CD, IEC 60544-5 ED3: Electrical insulating materials - Determination of the effects of ionizing radiation - Part 5: Procedures for assessment of ageing in service, 01/22/2021
- JTC1-SC25/2984/NP, PNW JTC1-SC25-2984 ED1: Information technology - Home Electronic System (HES) architecture - Part 5 -103: Intelligent grouping and resource sharing for HES Class 2 and Class 3 - RA smart audio interconnection profile, 01/22/2021
- JTC1-SC25/2985/NP, PNW JTC1-SC25-2985 ED1: Information technology - Home Electronic System (HES) architecture - Part 5 -104: Intelligent grouping and resource sharing for HES Class 2 and Class 3 - RA server-based smart lock application, 01/22/2021



# 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](http://www.ansi.org). All paper copies are available from Standards resellers (<http://webstore.ansi.org/faq.aspx#resellers>).

## ISO Standards

[IEC 60948:1988](#), Numeric keyboard for home electronic systems (HES), FREE

[IEC 60796-1:1990](#), Microprocessor system bus - 8-bit and 16-bit data (MULTIBUS I) - Part 1: Functional description with electrical and timing specifications, \$317.00

[IEC 60796-2:1990](#), Microprocessor system bus - 8-bit and 16-bit data (MULTIBUS I) - Part 2: Mechanical and pin descriptions for the system bus configuration, with edge connectors (direct), FREE

[IEC 60796-3:1990](#), Microprocessor system BUS I, 8-bit and 16-bit data (MULTIBUS I) - Part 3: Mechanical and pin descriptions for the Eurocard configuration with pin and socket (indirect) connectors, FREE

### ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

[ISO 80601-2-67:2020](#), Medical electrical equipment - Part 2-67: Particular requirements for basic safety and essential performance of oxygen-conserving equipment, \$209.00

### BUILDING CONSTRUCTION MACHINERY AND EQUIPMENT (TC 195)

[ISO 15643:2020](#), Road construction and maintenance equipment - Bituminous binder sprayers and synchronous bituminous binder sprayers-chip spreaders - Terminology and commercial specifications, \$138.00

### CORROSION OF METALS AND ALLOYS (TC 156)

[ISO 23449:2020](#), Corrosion of metals and alloys - Multielectrode arrays for corrosion measurement, \$138.00

### DENTISTRY (TC 106)

[ISO 10477:2020](#), Dentistry - Polymer-based crown and veneering materials, \$138.00

[ISO 20888:2020](#), Dentistry - Vocabulary and designation system for forensic oro-dental data, \$45.00

### FERTILIZERS AND SOIL CONDITIONERS (TC 134)

[ISO 19747:2020](#), Fertilizers and soil conditioners - Determination of monosilicic acid concentrations in nonliquid fertilizer materials, \$68.00

### FIRE SAFETY (TC 92)

[ISO 13784-2:2020](#), Reaction-to-fire tests for sandwich panel building systems - Part 2: Test method for large rooms, \$103.00

### FLOOR COVERINGS (TC 219)

[ISO 10874/Amd1:2020](#), Resilient, textile and laminate floor coverings - Classification - Amendment 1: Elimination of class 22+, \$19.00

### FOOTWEAR (TC 216)

[ISO 24263:2020](#), Footwear - Attachment strength of straps, trims and accessories, \$45.00

### INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

[ISO 22549-1:2020](#), Automation systems and integration - Assessment on convergence of informatization and industrialization for industrial enterprises - Part 1: Framework and reference model, \$68.00

[ISO 22549-2:2020](#), Automation systems and integration - Assessment on convergence of informatization and industrialization for industrial enterprises - Part 2: Maturity model and evaluation methodology, \$185.00

### MECHANICAL TESTING OF METALS (TC 164)

[ISO 12004-1:2020](#), Metallic materials - Determination of forming-limit curves for sheet and strip - Part 1: Measurement and application of forming-limit diagrams in the press shop, \$68.00

**ROAD VEHICLES (TC 22)**

[ISO 13216-4:2020](#), Road vehicles - Anchorages in vehicles and attachments to anchorages for child restraint systems - Part 4: Lower tether anchorages, \$103.00

[ISO 20794-5:2020](#), Road vehicles - Clock extension peripheral interface (CXPI) - Part 5: Application layer conformance test plan, \$209.00

[ISO 20794-7:2020](#), Road vehicles - Clock extension peripheral interface (CXPI) - Part 7: Data link and physical layer conformance test plan, \$232.00

[ISO 21111-1:2020](#), Road vehicles - In-vehicle Ethernet - Part 1: General information and definitions, \$68.00

[ISO 21111-2:2020](#), Road vehicles - In-vehicle Ethernet - Part 2: Common physical entity requirements, \$162.00

[ISO 21806-8:2020](#), Road vehicles - Media Oriented Systems Transport (MOST) - Part 8: 150-Mbit/s optical physical layer, \$185.00

[ISO 21806-9:2020](#), Road vehicles - Media Oriented Systems Transport (MOST) - Part 9: 150-Mbit/s optical physical layer conformance test plan, \$209.00

**RUBBER AND RUBBER PRODUCTS (TC 45)**

[ISO 1382:2020](#), Rubber - Vocabulary, \$45.00

**SECURITY (TC 292)**

[ISO 22384:2020](#), Security and resilience - Authenticity, integrity and trust for products and documents - Guidelines to establish and monitor a protection plan and its implementation, \$103.00

**SHIPS AND MARINE TECHNOLOGY (TC 8)**

[ISO 24044:2020](#), Ships and marine technology - Deck machinery - Multifunctional manipulator, \$68.00

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

[ISO 17190-1:2020](#), Urine-absorbing aids for incontinence - Polyacrylate superabsorbent powders - Part 1: Test method for determination of pH, \$45.00

[ISO 17190-3:2020](#), Urine-absorbing aids for incontinence - Polyacrylate superabsorbent powders - Part 3: Test method for determination of the particle size distribution by sieve fractionation, \$45.00

[ISO 17190-4:2020](#), Urine-absorbing aids for incontinence - Polyacrylate superabsorbent powders - Part 4: Test method for estimation of the moisture content as weight loss upon heating, \$45.00

[ISO 17190-5:2020](#), Urine-absorbing aids for incontinence - Polyacrylate superabsorbent powders - Part 5: Test method for determination of the free swell capacity in saline by gravimetric measurement, \$68.00

[ISO 17190-6:2020](#), Urine-absorbing aids for incontinence - Polyacrylate superabsorbent powders - Part 6: Test method for determination of the fluid retention capacity in saline solution by gravimetric measurement following centrifugation, \$68.00

[ISO 17190-7:2020](#), Urine-absorbing aids for incontinence - Polyacrylate superabsorbent powders - Part 7: Test method for gravimetric determination of absorption against pressure, \$68.00

[ISO 17190-8:2020](#), Urine-absorbing aids for incontinence - Polyacrylate superabsorbent powders - Part 8: Test method for determination of the permeability dependent absorption under pressure of saline solution by gravimetric measurement, \$68.00

[ISO 17190-9:2020](#), Urine-absorbing aids for incontinence - Polyacrylate superabsorbent powders - Part 9: Test method for gravimetric determination of flow rate and bulk density, \$68.00

[ISO 17190-10:2020](#), Urine-absorbing aids for incontinence - Polyacrylate superabsorbent powders - Part 10: Test method for determination of extractable polymer content by potentiometric titration, \$68.00

**TEXTILES (TC 38)**

[ISO 12945-1:2020](#), Textiles - Determination of fabric propensity to surface pilling, fuzzing or matting - Part 1: Pilling box method, \$68.00

[ISO 12945-2:2020](#), Textiles - Determination of fabric propensity to surface pilling, fuzzing or matting - Part 2: Modified Martindale method, \$103.00

[ISO 12945-3:2020](#), Textiles - Determination of fabric propensity to surface pilling, fuzzing or matting - Part 3: Random tumble pilling method, \$68.00

## Newly Published ISO &amp; IEC Standards

[ISO 12945-4:2020](#), Textiles - Determination of fabric propensity to surface pilling, fuzzing or matting - Part 4: Assessment of pilling, fuzzing and matting by visual analysis, \$45.00

[ISO 22992-2:2020](#), Textiles - Determination of certain preservatives - Part 2: Determination of triclosan residues method using LC-MS/MS, \$45.00

## TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

[ISO 3767-1/Amd1:2020](#), Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator controls and other displays - Part 1: Common symbols - Amendment 1, \$19.00

[ISO 3767-2/Amd1:2020](#), Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator controls and other displays - Part 2: Symbols for agricultural tractors and machinery - Amendment 1, \$19.00

[ISO 21628:2020](#), Gardening machinery - Powered material-collecting systems - Safety, \$45.00

## ISO Technical Reports

### AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO/TR 18146:2020](#), Space systems - Space debris mitigation design and operation manual for spacecraft, \$209.00

## ISO Technical Specifications

### AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO/TS 21872-2:2020](#), Microbiology of the food chain - Horizontal method for the determination of *Vibrio* spp. - Part 2: Enumeration of total and potentially enteropathogenic *Vibrio* parahaemolyticus in seafood using nucleic acid hybridization, \$162.00

### GEOSYNTHETICS (TC 221)

[ISO/TS 13434:2020](#), Geosynthetics - Guidelines for the assessment of durability, \$185.00

## ISO/IEC JTC 1, Information Technology

[ISO/IEC 13818-1/Cor1:2020](#), Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Corrigendum, FREE

[ISO/IEC 18046-3:2020](#), Information technology - Radio frequency identification device performance test methods - Part 3: Test methods for tag performance, \$209.00

[ISO/IEC 19944-1:2020](#), Cloud computing and distributed platforms - Data flow, data categories and data use - Part 1: Fundamentals, \$209.00

[ISO/IEC 23092-4:2020](#), Information technology - Genomic information representation - Part 4: Reference software, \$45.00

[ISO/IEC 23094-1:2020](#), Information technology - General video coding - Part 1: Essential video coding, \$232.00

[ISO/IEC 30145-2:2020](#), Information technology - Smart City ICT reference framework - Part 2: Smart city knowledge management framework, \$68.00

[ISO/IEC 19823-16:2020](#), Information technology - Conformance test methods for security service crypto suites - Part 16: Crypto suite ECDSA-ECDH security services for air interface communications, \$138.00

[ISO/IEC 30113-60:2020](#), Information technology - Gesture-based interfaces across devices and methods - Part 60: General guidance on gestures for screen readers, \$68.00

## IEC Standards

### ALL-OR-NOTHING ELECTRICAL RELAYS (TC 94)

[IEC 61810-4 Ed. 1.0 b:2020](#), Electromechanical elementary relays - Part 4: General and safety requirements for reed relays, \$199.00

### LAMPS AND RELATED EQUIPMENT (TC 34)

[IEC 61228 Ed. 3.0 b:2020](#), Fluorescent ultraviolet lamps used for tanning - Measurement and specification method, \$117.00

[S+ IEC 61228 Ed. 3.0 en:2020 \(Redline version\)](#), Fluorescent ultraviolet lamps used for tanning - Measurement and specification method, \$152.00

### NUCLEAR INSTRUMENTATION (TC 45)

[IEC 63048 Ed. 1.0 b:2020](#), Mobile remotely controlled systems for nuclear and radiological applications - General requirements, \$199.00

**POWER SYSTEM CONTROL AND ASSOCIATED  
COMMUNICATIONS (TC 57)**

[IEC 61850-4 Amd.1 Ed. 2.0 b:2020](#), Amendment 1 - Communication networks and systems for power utility automation - Part 4: System and project management, \$117.00

[IEC 61850-4 Ed. 2.1 en:2020](#), Communication networks and systems for power utility automation - Part 4: System and project management, \$469.00

**IEC Technical Reports****POWER SYSTEM CONTROL AND ASSOCIATED  
COMMUNICATIONS (TC 57)**

[IEC/TR 61850-90-3 Ed. 1.0 en cor.1:2020](#), Corrigendum 1 - Communication networks and systems for power utility automation - Part 90-3: Using IEC 61850 for condition monitoring diagnosis and analysis, \$0.00

# Accreditation Announcements (U.S. TAGS to ISO)

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## Approval of Accreditation – U.S. TAG to ISO

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

ANSI's Executive Standards Council (ExSC) has formally approved the accreditation of the U.S. Technical Advisory Group to ISO TC 327, Natural stones and the appointment of ANSI (with funding and technical support from the Natural Stone Institute) as TAG Administrator, effective October 30, 2020. The TAG will operate under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures. For additional information, please contact: Ms. Kemi Allston, Sr. Program Administrator, ISO Team, ANSI, 25 West 43rd Street, 4th Floor, New York, NY 10036; phone: 212.642.4899; email; [KAllston@ANSI.org](mailto:KAllston@ANSI.org)

# International Organization for Standardization (ISO)

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## Call for Comment on ISO Standard

### ISO 26000 - Guidance on Social Responsibility Activity

**Comment Deadline: January 29, 2021**

ISO standard ISO 26000, Guidance on social responsibility, has been circulated to ISO members for its systematic review to determine whether the standard should be revised, reconfirmed, or withdrawn.

ISO 26000, last confirmed in November 2010, is intended to help organizations effectively assess and address social responsibilities that are relevant and significant to their mission and vision; operations and processes; customers, employees, communities, and other stakeholders; and environmental impact. ISO 26000 provides detailed guidance for organizations that are willing to implement the OECD Guidelines but is not meant for ISO certification.

ANSI is seeking U.S. Stakeholders' input on ISO 26000 to help ANSI determine if ANSI should vote revise, reconfirm as is, or withdraw the standard. Anyone wishing to review ISO 26000 can request a copy by contacting ANSI's ISO Team ([isot@ansi.org](mailto:isot@ansi.org)), with a submission of comments to Steve Cornish ([scornish@ansi.org](mailto:scornish@ansi.org)) by close of business on Friday, January 29, 2021.

## Call for International (ISO) Secretariat

### ISO TC 104 – Freight Containers

**Reply Deadline: November 30, 2020**

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 104 – Freight Containers. ANSI directly administers the Secretariat for ISO TC 104 with the support of MHI. MHI has advised ANSI to relinquish its role as Secretariat for this committee.

ISO/TC 104 operates under the following scope:

Standardization of freight containers, having an external volume of one cubic meter (35.3 cubic feet) and greater, as regards terminology, classification, dimensions, specifications, handling, test methods and marking.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 104. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

If no U.S. organization steps forward to assume the ISO/TC 104 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by January 1, 2021, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

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



# International Organization for Standardization (ISO)

## Call for International (ISO) Secretariat

### ISO/TC 113/SC 5 – Hydrometry: Instruments, equipment and data management

**Reply Deadline: November 27, 2020**

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 113/SC 5 – Instruments, equipment and data management. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 113/SC 5 to the United States Geological Survey (USGS). USGS has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 113/SC 5 operates in the area of Instruments, equipment and data management under the scope of ISO/TC 113 - Hydrometry:

Standardization of methods, procedures, instruments, and equipments relating to techniques for hydrometric determination of water level, velocity, discharge and sediment transport in open channels, precipitation and evapotranspiration, availability and movement of ground water, including:

- terminology and symbols;
- collection, evaluation, analysis, interpretation and presentation of data;
- evaluation of uncertainties.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 113/SC 5. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

If no U.S. organization steps forward to assume the ISO/TC 113/SC 5 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by November 27, 2020, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

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

# International Organization for Standardization (ISO)

## Call for International (ISO) Secretariat

### ISO/TC 113/SC 8 – Hydrometry: Ground water

**Reply Deadline: November 27, 2020**

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 113/SC 8 – Ground water. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 113/SC 8 to the United States Geological Survey (USGS). USGS has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 113/SC 8 operates in the area of Ground water under the scope of ISO/TC 113 - Hydrometry:

Standardization of methods, procedures, instruments, and equipments relating to techniques for hydrometric determination of water level, velocity, discharge and sediment transport in open channels, precipitation and evapotranspiration, availability and movement of ground water, including:

- terminology and symbols;
- collection, evaluation, analysis, interpretation and presentation of data;
- evaluation of uncertainties.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 113/SC 8. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

If no U.S. organization steps forward to assume the ISO/TC 113/SC 8 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by November 27, 2020, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

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

# International Organization for Standardization (ISO)

## Call for International (ISO) Secretariat

### ISO/TC 20/SC 17 - Airport infrastructure

**Reply Deadline: November 21, 2020**

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 20/SC 17 – Airport infrastructure. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 20/SC 17 to the American Institute of Aeronautics and Astronautics (AIAA). AIAA has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 20/SC 17 operates under the following scope:

Standardization in the field of airside airport infrastructure, to include grooving of landing and take-off lanes; asphaltic-ecologic-paving; vertical-signaling with painting and electric-electronic boards (painted and lighted signage). Scope excludes spaceports, which will be handled under ISO/TC 20/SC 14 and ground handling equipment (including fixed equipment such as passenger boarding bridges, docking guidance systems, etc.) which is under ISO/TC 20/SC 9. The scope also excludes air traffic facilities infrastructure and work under IEC/TC 97 (Electrical Installations for Lighting and Beaconing of Aerodromes).

The scope of SC 17 is intended to cover all infrastructure unique to the airport environment, but to exclude infrastructure covered by other ISO and IEC committees, and also to exclude any infrastructure not unique to the airport environment.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 20/SC 17. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

If no U.S. organization steps forward to assume the ISO/TC 20/SC 17 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by November 21, 2020, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

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

# International Organization for Standardization (ISO)

## Call for International (ISO) Secretariat

### ISO/TC 96/SC 6 – Mobile cranes

**Reply Deadline: November 21, 2020**

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 96/SC 6 – Mobile cranes. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 96/SC 6 to the American Society of Mechanical Engineers (ASME). ASME has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 96/SC 6 operates under the following scope:

Standardization of terminology, load rating, testing, safety, and general design principles of equipment and components used in the construction, inspection, maintenance and safe operation of mobile cranes.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 96/SC 6. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

If no U.S. organization steps forward to assume the ISO/TC 96/SC 6 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by November 21, 2020, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

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

# **International Organization for Standardization (ISO)**

## **Call for U.S. TAG Administrator**

### **ISO/TC 10/SC 6 – Mechanical engineering documentation and ISO/TC 10/SC 10 – Process plant documentation**

ANSI has been informed that the American Society of Mechanical Engineers (ASME), the ANSI-accredited U.S. TAG Administrator for ISO/TC 10 – Technical product documentation, wishes to relinquish their role as U.S. TAG Administrator of ISO/TC 10/SC 6 – Mechanical engineering documentation and ISO/TC 10/SC 10 – Process plant documentation. (ASME will retain the U.S. TAG Administrator role for ISO/TC 10 and ISO/TC 10/SC 1.)

ISO/TC 10/SC 6 and ISO/TC 10/SC 10 operate under the scope of ISO/TC 10:

Standardization and coordination of technical product documentation (TPD), including technical drawings, model based (3D), computer based (2D) or manually produced for technical purposes throughout the product life cycle, to facilitate preparation, management, storage, retrieval, reproduction, exchange and use.

Note that the U.S. is not currently a member of ISO/TC 10/SC 8 – Construction documentation, which is also available to be taken on by a new organization.

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

## **Call for U.S. TAG Administrator**

### **ISO/TC 100 – Chains and chain sprockets for power transmission and conveyors**

ANSI has been informed that the American Society of Mechanical Engineers (ASME), the ANSI-accredited U.S. TAG Administrator for ISO/TC 100 – Chains and chain sprockets for power transmission and conveyors, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 100 operates under the following scope:

Standardization in the field of power transmission chains, conveyor chains and chain wheels.

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

# International Organization for Standardization (ISO)

## Call for U.S. TAG Administrator

### ISO/TC 122 – Packaging

**Deadline: November 30, 2020**

ANSI has been informed that MHI, the ANSI-accredited U.S. TAG Administrator for ISO TC 122, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 122 operates under the following scope:

Standardization in the field of packaging with regard to terminology and definitions, characteristics, performance requirements and tests, and utilization of related technologies on packaging.

Excluded: Matters falling within the scopes of particular committees (e.g., TC 6, 52, and 104).

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG should contact ANSI's ISO Team ([isot@ansi.org](mailto:isot@ansi.org)) by November 30, 2020.

## Call for U.S. TAG Administrator

### ISO/TC 122/SC 4 – Packaging and environment

**Deadline: November 30, 2020**

ANSI has been informed that MHI, the ANSI-accredited U.S. TAG Administrator for ISO TC 122/SC 4, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 122/SC 4 operates under the following scope:

Standardization in the field of packaging with regard to terminology and definitions, characteristics, performance requirements and tests, and utilization of related technologies on packaging.

Excluded: Matters falling within the scopes of particular committees (e.g., TC 6, 52 and 104).

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG should contact ANSI's ISO Team ([isot@ansi.org](mailto:isot@ansi.org)) by November 30, 2020.

# International Organization for Standardization (ISO)

## Call for U.S. TAG Administrator

### ISO/TC 153 – Valves

ANSI has been informed that the American Society of Mechanical Engineers (ASME), the ANSI-accredited U.S. TAG Administrator for ISO/TC 153 – Valves, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 153 operates under the following scope:

Standardization in the field of industrial valves, valve actuators including their attachments, and steam traps. The standardization to include parameters covering interchangeability, valve mating details for actuator mounting, testing, marking, quality requirements, terminology and other relevant parameters.

Excluded :

- safety and relief valves and other pressure relief devices which are the responsibility of ISO/TC 185;
- production valves for wellhead equipment and valves for cross country pipelines for the petroleum and natural gas industries which are the responsibility of ISO/TC 67;
- valves forming the final control element used for industrial process control systems which are the responsibility of IEC/TC 65;
- valves having an envelope predominantly made of plastics which are the responsibility of ISO/TC 138;
- valves for sanitary use;
- solenoids.

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

## Call for U.S. TAG Administrator

### ISO/TC 17/SC 10 – Steel for pressure purposes

ANSI has been informed that ASTM International, the ANSI-accredited U.S. TAG Administrator for ISO/TC 17/SC 10, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 17/SC 10 operates under the following scope:

Standardization of:

- Qualities of flat products, bars and forgings for pressure purposes;
- Methods for deriving and establishing of the elevated temperature yield/proof strength and average creep values of steels for pressure purposes.

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

# International Organization for Standardization (ISO)

## Call for U.S. TAG Administrator

### ISO/TC 17/SC 16 – Steels for the reinforcement and prestressing of concrete

ANSI has been informed that ASTM International, the ANSI-accredited U.S. TAG Administrator for ISO/TC 17/SC 16, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 17/SC 16 operates under the following scope:

Standardization of qualities, dimensions and tolerances and other relevant properties appropriate to:

- steel for the reinforcement of concrete
- prestressing steel

Standardization of tests for the products listed above.

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

## Call for U.S. TAG Administrator

### ISO/TC 2/SC 14 – Fasteners: Surface coatings

ANSI has been informed that the American Society of Mechanical Engineers (ASME), the ANSI-accredited U.S. TAG Administrator for ISO/TC 2 - Fasteners, wishes to relinquish their role as U.S. TAG Administrator of ISO/TC 2/SC 14 – Surface coatings. (ASME will retain the U.S. TAG Administrator role for ISO/TC 2.)

ISO/TC 2/SC 14 operates in the area of Surface coatings under the scope of ISO/TC 2 - Fasteners:

Standardization of dimensions, tolerances, mechanical and functional properties, test methods and acceptance procedures of fasteners.

The term fastener covers all types of products designed to mechanically connect two or more structural parts to form a solid or movable joint or to contribute essentially to establish this function, such as screws, nuts, washers, pins, rivets and hose clamps.

Excluded :

- fasteners for aerospace applications, all special screws, keys, and special fasteners for ball and roller bearings.

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



# International Organization for Standardization (ISO)

## Call for U.S. TAG Administrator

### ISO/TC 268 – Sustainable cities and communities

ANSI has been informed that the National Fire Protection Association (NFPA), the ANSI-accredited U.S. TAG Administrator for ISO/TC 268 – Sustainable cities and communities and SC 1 – Smart community infrastructures, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 268 operates under the following scope:

Standardization in the field of Sustainable Cities and Communities will include the development of requirements, frameworks, guidance and supporting techniques and tools related to the achievement of sustainable development considering smartness and resilience, to help all Cities and Communities and their interested parties in both rural and urban areas become more sustainable.

Note: TC 268 will contribute to the UN Sustainable Development Goals through its standardization work.

The proposed series of International Standards will encourage the development and implementation of holistic and integrated approaches to sustainable development and sustainability.

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

## Call for U.S. TAG Administrator

### ISO/TC 30/SC 5 – Velocity and mass methods

ANSI has been informed that the American Society of Mechanical Engineers (ASME), the ANSI-accredited U.S. TAG Administrator for ISO/TC 30 – Measurement of fluid flow in closed conduits, wishes to relinquish their role as U.S. TAG Administrator of ISO/TC 30/SC 5 – Velocity and mass methods. (ASME will retain the U.S. TAG Administrator role for ISO/TC 30 and ISO/TC 30/SC 2.)

ISO/TC 30/SC 5 operates under the scope of ISO/TC 30:

Standardization of rules and methods for the measurement of fluid flow in closed conduits including:

- terminology and definitions;
- rules for inspection, installation, operation;
- construction of instruments and equipment required;
- conditions under which measurements are to be made;
- rules for collection, evaluation and interpretation of measurement data, including errors.

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

# International Organization for Standardization (ISO)

## Call for U.S. TAG Administrator

### ISO/TC 39/SC 6 – Noise of machine tools and ISO/TC 39/SC 8 – Work holding spindles and chucks

ANSI has been informed that the American Society of Mechanical Engineers (ASME), the ANSI-accredited U.S. TAG Administrator for ISO/TC 39 – Machine tools, wishes to relinquish their role as U.S. TAG Administrator of ISO/TC 39/SC 6 – Noise of machine tools and ISO/TC 39/SC 8 – Work holding spindles and chucks. (ASME will retain the U.S. TAG Administrator role for ISO/TC 39 and ISO/TC 39/SC 2.)

ISO/TC 39/SC 6 and ISO/TC 39/SC 8 operate under the scope of ISO/TC 39:

Standardization of all machine tools for the working of metal, wood and plastics, operating by removal of material or by pressure.

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

## Call for U.S. TAG Administrator

### ISO/TC 5 – Ferrous metal pipes and metallic fittings

ANSI has been informed that the American Society of Mechanical Engineers (ASME), the ANSI-accredited U.S. TAG Administrator for ISO/TC 5 - Ferrous metal pipes and metallic fittings, wishes to relinquish their role as U.S. TAG Administrator of ISO/TC 5 – Ferrous metal pipes and metallic fittings and ISO/TC 5/SC 5 – Threaded fittings, solder fittings, welding fittings, pipe threads, thread gauges. (ASME will retain the U.S. TAG Administrator role for ISO/TC 5/SC 10 – Metallic flanges and their joints.)

ISO/TC 5 operates under the following scope:

Standardization in the field of steel tubes, cast iron pipes, flexible metallic tubes and metallic fittings, flanges, pipe supports, pipe threads and gauges, metallic and organic coatings and protections.

Excluded :

- steel for tubes (ISO/TC 17);
- aircraft pipes (ISO/TC 20);
- tubes and equipment (other than flanges) pipe threads and gauging within the field of work of the petroleum and natural gas industries (ISO/TC 67);
- connections for fluid power systems (ISO/TC 131).

Note that the U.S. is not currently a member of ISO/TC 5/SC 1 – Steel tubes, which is also available to be taken on by a new organization.

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

# International Organization for Standardization (ISO)

## Call for U.S. TAG Administrator

### ISO/TC 96/SC 2 – Cranes: Terminology and ISO/TC 96/SC 10 – Design principles and requirements

ANSI has been informed that the American Society of Mechanical Engineers (ASME), the ANSI-accredited U.S. TAG Administrator for ISO/TC 96 – Cranes, wishes to relinquish their role as U.S. TAG Administrator of ISO/TC 96/SC 2 – Terminology and ISO/TC 96/SC 10 – Design principles and requirements. (ASME will retain the U.S. TAG Administrator role for ISO/TC 96 and the remaining active subcommittees.)

ISO/TC 96/SC 2 operates under the following scope:

Standardization of the terms, definitions and graphical symbols common to all crane types. These terms, definitions and symbols cover every period of the crane life cycle – design, manufacturing, testing, use, operation, maintenance, repair and disposal. The aim of this work is to harmonize the terminology of standards, which are developed by other subcommittees of ISO/TC 96.

ISO/TC 96/SC 10 operates under the following scope:

Standardization in the field of crane design including classification, load conditions, strength, fatigue and stability.

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

## Establishment of ISO Subcommittee

### ISO/TC 35/SC 16 – Chemical Analysis

ISO/TC 35 – Paints and varnishes has created a new ISO Subcommittee on Chemical analysis (ISO/TC 35/SC 16). The Secretariat has been assigned to Germany (DIN).

ISO/TC 35/SC 16 operates under the following scope:

Standardization of analytical test methods used for paints, varnishes, adhesives and their raw materials

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](mailto:isot@ansi.org)).

# International Organization for Standardization (ISO)

## ISO Proposal for a New Field of ISO Technical Activity

### Consumer product safety management

**Comment Deadline: December 11, 2020**

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

Standardization in the field of consumer product safety management to develop terminology, requirements, principles, framework, guidance, testing methods and supporting tools, for all relevant organizations, on and to support activities such as risk evaluation, safety early-warning and traceability, intelligent regulatory technology, safety control for emerging consumer products, safety management of the consumer products for specific population groups.

Excluded:

1. Quality management and quality assurance covered by ISO/TC 176.
2. Risk management for organizations covered by ISO/TC 262.
3. Standardization in the field of security to enhance the safety and resilience of society covered by ISO/TC 292.
4. Ageing societies covered by ISO/TC 314.
5. Inclusive service to consumers in vulnerable situations covered by ISO/PC 311.
6. Standardization in the field of consumer incident investigation covered by ISO/PC 329.

Note: According to the relevant laws, regulations and standards on consumer products in the world, consumer products do not include food, agricultural products, drugs, cosmetics, special equipment, tobacco, medical equipment, motor vehicles, military, aviation, large transport vehicles and other products. The category of consumer products in this new proposed TC is the same as above.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team ([isot@ansi.org](mailto:isot@ansi.org)), with a submission of comments to Steve Cornish ([scornish@ansi.org](mailto:scornish@ansi.org)) by close of business on Friday, December 11, 2020.

# US Participation in International Standards Development

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## Call for Participation/Experts

### Opportunity for experts to participate in INCITS/Cyber Security Technical Committee

The INCITS/Cyber Security Technical Committee represents the US in the development of International Standards within ISO/IEC JTC 1/Subcommittee 27 (SC 27) Information security, cybersecurity, and privacy protection as well as all SC 27 Working Groups. In general, work in the US coincides closely with that of SC 27 and encompasses generic methods, techniques and guidelines to address both security and privacy aspects, such as :

- Security requirements capture methodology;
- Management of information and ICT security; in particular information security management system (ISMS) standards, security processes, security controls and services;
- Cryptographic and other security mechanisms, including but not limited to mechanisms for protecting the accountability, availability, integrity and confidentiality of information;
- Security management support documentation including terminology, guidelines as well as procedures for the registration of security components;
- Security aspects of identity management, biometrics and privacy;
- Conformance assessment, accreditation and auditing requirements in the area of information security management systems;
- Security evaluation criteria and methodology.

Now is a great opportunity to join the committee whose member organizations are from the US industry, government, and academia. See what is under development and understand what it means to your organization. Collaborate with your peers both here in the US as well as in the international arena to address security and privacy concerns and issues. Champion and lead new standards that address current and future security and privacy needs. There are currently about 200 published standards and over 85 projects under development that include:

- Revision of ISO/IEC 27002 which is a signature standard in the ISO/IEC 27000 family that gives guidelines for organizational information security standards and information security management practices as well as exploring machine readable versions of the standard
- New cryptographic standards to address fully Homomorphic encryption, format preserving encryption, and quantum-resilient algorithms
- Revision of the multi-part ISO/IEC 27036 supply chain security standard
- Exploring the use of the new ISO/IEC 15408 (Common Criteria for Information Technology Security Evaluation) with complex systems as well as with cloud computing
- Security and privacy standards for IoT
- New privacy guidelines for fintech services
- Exploring the impact of artificial intelligence (AI) on security and privacy

INCITS/Cyber Security meetings are typically held no more than once a month with virtual access as an option. Participation can range from simple monitoring of the activities to full technical engagement with contributions and comments on draft standards. In the case of the latter, standing ad hoc groups have been established to facilitate technical dialogue and collaboration. In addition, all members are eligible to attend the SC 27 international meetings.

To learn more about membership in INCITS/CS1, visit <http://www.incits.org/participation/membership-info> or contact Lynn Barra at [lbarra@itic.org](mailto:lbarra@itic.org).

# Call for Members (U.S. TAGs to ISO)

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## New Task Group

### US TAG to JTC 1/ WG 11 – Smart Cities

#### INCITS/Internet of Things Technical Committee

INCITS has created a new Task Group that will be functioning under the INCITS/Internet of Things Technical Committee to serve as the US TAG to JTC 1/ WG 11 – Smart Cities.

Background – At the JTC 1 Plenary in October 2015, JTC 1/WG 11 was established with the following terms of reference: (1) Serve as the focus of and proponent for JTC 1's Smart Cities standardization program; (2) Develop foundational standards for the use of ICT in Smart Cities – including the Smart City ICT Reference Framework and an Upper Level Ontology for Smart Cities – for guiding Smart Cities efforts throughout JTC 1 upon which other standards can be developed; (3) Develop a set of ICT related indicators for Smart Cities in collaboration with ISO/TC 268; (4) Develop additional Smart Cities' standards and other deliverables that build on these foundational standards; (5) Identify JTC 1 (and other organization) subgroups that are developing standards and related material that contribute to Smart Cities, and where appropriate, investigate ongoing and potential new work that contributes to Smart Cities; (6) Develop and maintain liaisons with all relevant JTC 1 subgroups; (7) Engage with the community outside of JTC 1 to grow the awareness of, and encourage engagement in, JTC 1 Smart Cities standardization efforts within JTC 1, forming liaisons as is needed; and (8) Ensure a strong relationship with Smart Cities activities in ISO and IEC.

The INCITS Executive Board assigned TAG responsibility for Smart Cities to INCITS/IoT in April 2017. INCITS/IoT has now established a new Task Group dedicated solely to the program of work for Smart Cities.

Membership – Membership in INCITS is open to all directly and materially affected parties who return a signed INCITS Membership Agreement and pay the applicable service fees. The 2021 fee for participation is \$2,275 per organization (one principal and unlimited alternate representatives). The membership cycle is December 1 through November 30. Note that since this Task Group is under the INCITS/IoT Technical Committee, membership in INCITS/IoT is required. The fee includes membership in both INCITS/IoT and INCITS/Smart-Cities. INCITS/Smart-Cities members will have direct access to JTC 1/WG 11 Smart Cities.

To comply with ANSI requirements, while all parties may participate in the discussion, only those organizations that are US National Interested Parties in the US may vote to establish a US position on TAG matters. A US National Interested Party is one of the following entities directly and materially affected by the relevant standards activity:

- an individual representing a corporation, or an organization domiciled in the US (including US branch offices of foreign companies authorized to do business in one or more states as defined by the relevant US State's Corporation law);
- an individual representing a US federal, state or local government entity; or
- a US citizen or permanent resident.

Important - All organizations that request voting membership using the online application (<https://standards.incits.org/kcpm/signup>), return a signed copy of the INCITS membership Agreement to [agreement@standards.incits.org](mailto:agreement@standards.incits.org) and attend the first or the second meeting will attain voting rights immediately. Advisory (non-voting) members must also submit a membership application via the online membership form and return a signed INCITS Membership Agreement. Others in attendance will be recorded as guests.

The Task Group will operate under the ANSI-accredited procedures for the InterNational Committee for Information Technology Standards (INCITS); (see INCITS Organization, Policies and Procedures). Additional information can also be found at <http://www.INCITS.org> and <http://www.incits.org/participation/membership-info>

## **Call for Members (U.S. TAGs to ISO)**

### **New Task Group Meeting**

#### **US TAG to JTC 1/ WG 11 – Smart Cities**

**December 2, 2020 (3:00 - 4:00 PM (ET) / 12:00 - 1:00 PM (PT))**

INCITS has created a new Task Group that will be functioning under the INCITS/Internet of Things Technical Committee to serve as the US TAG to JTC 1/ WG 11 – Smart Cities.

Organizational Meeting – December 2, 2020. The organizational meeting of INCITS/Smart-Cities will be held electronically via Zoom on December 2, 2020 (3:00 PM to 4:00 PM (Eastern) / 12:00 PM to 1:00 PM (Pacific)). The agenda, related documents and instructions for joining the Zoom meeting will be distributed at least two-weeks in advance of the meeting to organizational representatives that have requested membership on the new committee. RSVPs for the meeting should be submitted to Lynn Barra (lbarra@itic.org) as soon as possible.

# Proposed Foreign Government Regulations

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## 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; F: (301) 926-1559; E: [usatbtep@nist.gov](mailto:usatbtep@nist.gov) or [notifyus@nist.gov](mailto:notifyus@nist.gov).



# Registration of Organization Names in the United States

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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.

When organization names are submitted to ANSI for registration, they will be listed here alphanumerically. 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

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.



**BSR/ASHRAE Addendum e  
to ANSI/ASHRAE Standard 188-2018**

**Public Review Draft**

**Proposed Addendum e to  
Standard 188-2018, Legionellosis:  
Risk Management for Building  
Water Systems**

**First Public Review (November 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](http://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](http://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](http://www.ashrae.org).

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

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ASHRAE, 180 Technology Parkway NW, Peachtree Corners, GA 30092

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

## FOREWORD

*This addendum adds a new Normative Annex B regarding minimum requirements when Legionella testing is chosen by the Program Team, and renames the current Informative Annex B, "Bibliography," to Informative Annex C, "Bibliography."*

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

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***Modify Informative Annex B as shown. The remainder of the annex remains unchanged.***

### INFORMATIVE ANNEX ~~BC~~—BIBLIOGRAPHY

***Rename current Informative Annex C to new Normative Annex B. Modify new Normative Annex B as shown.***

~~(This is a normative annex and 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 NORMATIVE ANNEX ~~CB~~—GUIDANCE IF *LEGIONELLA* TESTING IS UTILIZED IN THE ABSENCE OF SUSPECTED OR CONFIRMED FACILITY-ASSOCIATED DISEASE~~

~~When testing of environmental water samples is utilized, it should be performed by a laboratory with demonstrated proficiency in the subject method, such as may be evidenced by certification by a national, regional, or local government agency or by an accredited nongovernmental organization (NGO).~~

~~If the Program Team determines testing for *Legionella* will be used to validate the Program, ~~Laboratories~~ laboratories performing routine microbiological the testing of environmental water samples should must be accredited by a regional, national, or international accrediting body according to a nationally or internationally recognized standard, for example ISO/IEC 17025:2017, *General Requirements for the Competence of Testing and Calibration Laboratories*; or ~~similar~~ another nationally or internationally recognized laboratory accreditation standard, and the laboratory must demonstrate competence by successfully completing at least annual accredited *Legionella* proficiency test samples. ~~*Legionella* testing should be included in the laboratory's scope of accreditation.~~~~

~~In the case of suspected or confirmed facility-associated disease, consult the AHI.~~

***Informative Note:*** To demonstrate proficiency in the test method used, a laboratory conducting *Legionella* testing should be accredited by a regional, national, or international accrediting body according to a nationally or internationally recognized standard, such as ISO/IEC 17025:2017, *General Requirements for the Competence of Testing and Calibration Laboratories* and the laboratory should demonstrate competence by successfully completing at least annual accredited *Legionella* proficiency test samples. When non-laboratory testing is utilized, the method should be validated by an international, national, or regional regulatory or standardization body. In the case of

suspected or confirmed facility-associated disease, consult the AHJ for response and testing requirements.

|

## Substantive changes from the previous public review version includes the following:

Red underline indicates added text

~~Red strikethrough~~ indicates removed text

Red box indicates added figure or table columns

### Section 3:

#### 3.14 Gaskets

A gasket of an elastomeric or thermoplastic material used to comply with the requirements for a Type 2, 3, 3X, 3R, 3RX, 3S, 3SX, 4, 4X, 5, 6, 6P, 12, 12K, or 13 enclosure shall be subjected to the Tensile Strength Aging and ~~Elongation Test~~ Compression tests in **Error! Reference source not found.** through 5.14.3.

Gaskets under continuous compression are not required to comply with the Compression tests of 5.14.3.

Gaskets made of solid (non-cellular) elastomeric material are not required to comply with the Compression tests of 5.14.3.

Gaskets that have an air space which is compressed to create the environmental seal are not required to comply with the Compression tests of 5.14.3.

#### 3.15 Observation Windows

A material covering an observation opening, and forming a part of the enclosure shall be reliably secured in such a manner that it cannot be readily displaced in service, provide mechanical protection of the enclosed parts, and meet the requirements for the enclosure type.

Glass ~~Where glass is used for as an observation window,~~ an opening not more than 102 mm (4 in.) in any length, width or diameter dimension shall not be less than 1.40 mm (0.055 in.) thick. Glass used for an opening having no length, width or diameter dimension greater than 305 mm (12 in.) shall be not less than 2.92 mm (0.115 in.) thick. Glass used to cover a larger opening shall have the necessary mechanical strength and assembly security, and shall otherwise be acceptable for the enclosure integrity.

#### 3.16 Edge Sharpness on Enclosures

An enclosure, frame, guard, handle, or similar features shall not have accessible edges that are sharp or pointed such that they constitute a risk of injury to persons in normal installation, maintenance, and use. When considering sharp edges and points, all stages of the installation process must be considered. The tests for sharpness of accessible, unpainted sheet metal edges of the enclosure handled during typical installations shall be conducted in accordance with *UL 1439 Tests for Sharpness of Edges on Equipment*. ~~Enclosures of less than 16 kg (35 lbs.) need not be evaluated.~~

## Section 5:

### 5.5.2.1.1 Circulating Dust Methods

For testing circulating dust methods, either Method A or Method B shall be used.

#### 5.5.2.1.1.1 Circulating Dust Method A

The enclosure shall be placed in its intended mounting position in an airtight chamber having an internal volume not less than 0.169 m<sup>3</sup> (6 ft.<sup>3</sup>). The volume of the chamber shall be not less than 150 percent of the volume of the enclosure under test. The test chamber shall be maintained at ambient room temperature and 20-50 percent relative humidity.

At least 1.5 kg of dry Type 1 general-purpose Portland cement per cubic meter of the test chamber (at least 1.5 ounces per cubic foot) shall be circulated by means of a blower suction unit for five minutes so as to completely envelop the enclosure under test. The air velocity at the outlet of the blower is to be maintained at approximately 305 m/min. (1000 ft./min.).

Note: Health and safety regulations should be observed in ventilating for cement dust.

#### 5.5.2.1.1.2 Circulating Dust Method B

The test is made using a dust chamber incorporating the basic principles shown in Figure 5-3 whereby the powder circulation pump may be replaced by other means suitable to maintain the talcum powder in suspension in a closed test chamber. The talcum powder used shall be able to pass through a square-meshed sieve the nominal wire diameter of which is 50 µm and the nominal width of a gap between wires 75 µm. The amount of talcum powder to be used is 2 kg per cubic meter of the test chamber volume. Talcum powder shall not be used for more than 20 tests.

Note 1: Health and safety regulations should be observed in selecting the type of talcum powder and its use.

Note 2: An anti-clogging vibrator may be optionally provided as required

The enclosure under test is supported inside the test chamber and the pressure inside the enclosure is maintained below the surrounding atmospheric pressure by a vacuum pump. The suction connection shall be made to a hole specially provided for this test. If not otherwise specified in the relevant product standard, this hole shall be in the vicinity of the vulnerable parts.

If it is impracticable to make a special hole, the suction connection shall be made to the cable inlet hole. If there are other holes (for example, more cable inlet holes or drain-holes) these shall be treated as intended for normal use on site.

The object of the test is to draw into the enclosure, by means of vacuum, a volume of air 80 times the volume of the sample enclosure tested without exceeding the extraction rate of 60 volumes per hour. In no event shall the vacuum exceed 2 kPa (20 mbar) on the manometer shown in Figure 5-3. If an extraction rate of 40 to 60 volumes per hour is obtained the duration of the test is 2 h.

If, with a maximum vacuum of 2 kPa (20 mbar), the extraction rate is less than 40 volumes per hour, the test is continued until 80 volumes have been drawn through, or a period of 8 h has elapsed.

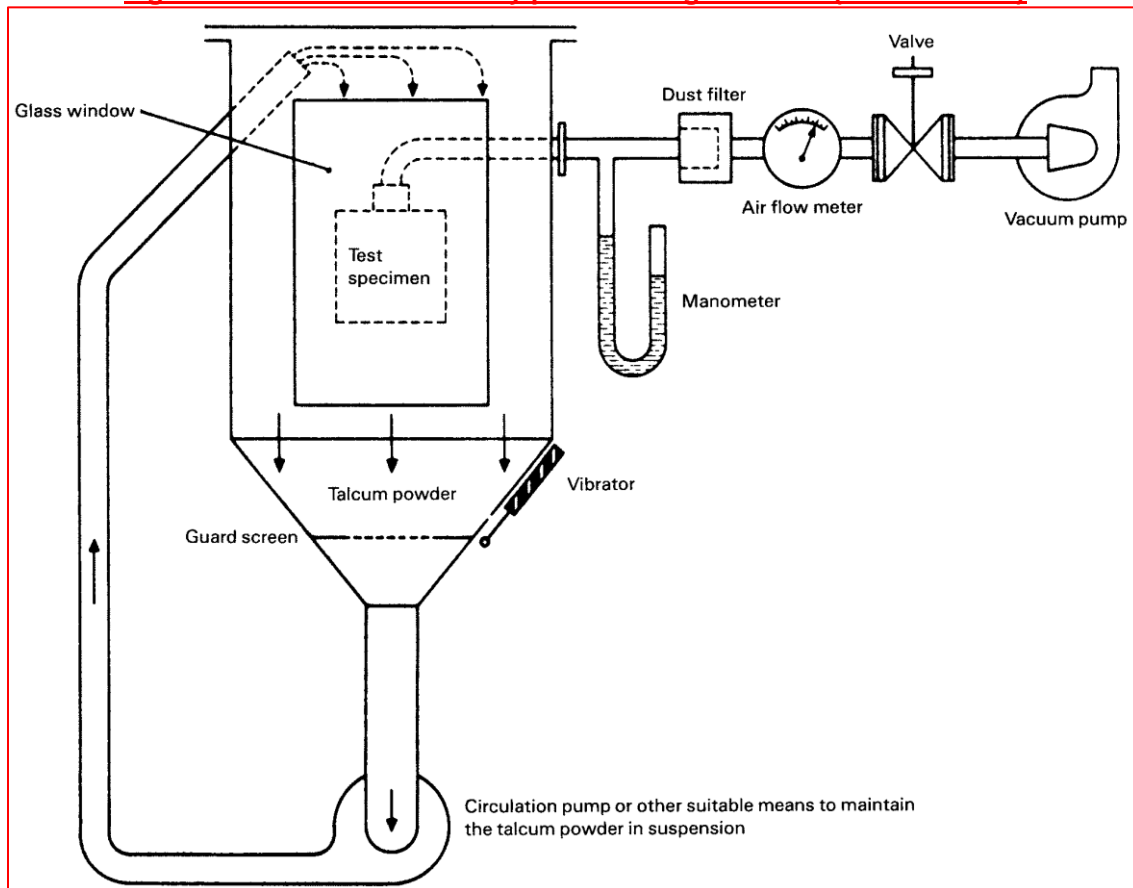
If it is impracticable to test the complete enclosure in the test chamber, one of the following procedures shall be applied:

- testing of individually enclosed sections of the enclosure;
- testing of representative parts of the enclosure, comprising components such as doors, ventilation openings, joints, shaft seals, etc., in position during test;
- testing of a smaller enclosure having the same full-scale design details.

#### 5.5.2.1.1.3 Evaluation-Circulating Dust Method

The enclosure shall be considered to be in compliance with the requirements if at the conclusion of the test no dust has entered the enclosure.

**Figure 5-3: Test device to verify protection against dust (dust chamber)**



#### 5.14.1 Evaluation

After the conditioning Aging Test of 5.14.42, there shall be no visible deterioration, deformation, melting, or cracking of the material. The material shall have a tensile strength of not less than 75% and an elongation of not less than 60% of values determined for samples that have not been aged.

Exception: Gasket material already certified to *UL 157 Standard for Gaskets and Seals*, based on criteria in 5.14.2, shall be considered to be in compliance with this requirement.

On completion of each Compression test of 5.14.3, the specimen shall not show signs of deterioration or cracks that can be seen with normal or corrected vision.

### **5.14.3 Compression Test**

**5.14.3.1** A set of three specimens of gasket material, if used in a Type 2, 3, 3X, 3R, 3RX, 3S, 3SX, 4, 4X, 5, 6, 6P, 12, 12K, or 13 enclosure, shall be tested to the requirements of Clauses 5.14.3.2 to 5.14.3.4 (see Figure 5-4).

**5.14.3.2** A circular weight to apply 69 kPa (10 pounds per square inch) shall be placed on the middle portion of each specimen for a period of 2 hours. At the end of that time the weight shall be removed and the specimen allowed to rest at room temperature for 30 minutes. The thickness of the gasket shall then be determined and compared with a measurement obtained before the application of the weight. The compression set shall not exceed 50 percent of the initial thickness of the specimen.

**5.14.3.3** Following the test specified in Clause 5.14.3.2, the specimens shall be suspended in an air oven at a temperature of 70°C (158°F) for a period of 5 days. The specimens shall then be tested for compliance with Clause 5.14.3.2, approximately 24 hours after removal from the oven.

**5.14.3.4** Following the test specified in Clause 5.14.3.3, the specimens shall be cooled to a temperature of minus 30°C (minus 22°F) for a period of 24 hours and then subjected to an impact from a hammer of 1.35 kg mass (2.98 pounds) falling from a height of 150 mm (6 inches). The hammer head shall be steel, 28.6 mm (1<sup>1</sup>/<sub>8</sub> inches) in diameter, and have a flat striking surface, 25.4 mm (1 inch) in diameter, with slightly rounded edges. The specimens being tested shall be placed on wooden pieces large enough to support all dimensions of the sample when being impacted. Following the impact the specimens shall be examined for evidence of cracking or other adverse effects. The test shall be continued and the specimens impacted every 24 hours for two more days. The specimens shall then be removed from the cold chamber, allowed to rest at room temperature for approximately 24 hours, and then tested for compliance with Clause 5.14.3.2.





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

NSF/ANSI/CAN Standard  
for Recreational Water Facilities –

## Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and other Recreational Water Facilities

Evaluation criteria for materials, components, products, equipment, and systems for use at recreational water facilities

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### 7 Centrifugal pumps

This section contains requirements for centrifugal pumps used to circulate swimming pool or spa / hot tub water in commercial and residential applications. The requirements for strainers shall apply to strainers that are integral with the pump and to strainers supplied as separate equipment for use in conjunction with a centrifugal pump.

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#### 7.6 Pump performance curve

**7.6.1** For each pump model or model series, the manufacturer shall provide a pump performance curve that plots the pump's total dynamic head versus the discharge flow rate. The manufacturer shall also have a curve available that plots the net positive suction head (NPSH) or total dynamic suction lift (TDSL), brake horsepower, and pump efficiency in relation to the performance curve. Pumps with a rating of 5 HP (3.7 kW) or less are not required to have a NPSH curve.

For pumps utilizing motors rated for multiple voltages, if the pump performance curve varies between rated voltages, such as may occur between 230 V and 208 V, the manufacturer shall provide a pump performance curve for each rated motor voltage.

**7.6.2** The actual pump curve, as determined in accordance with Section N-3.1, shall be within a range of - 3% to + 5% of the total dynamic head or - 5% to + 5% of the flow, whichever is greater, indicated by the performance curve. Data taken above 90% full flow shall not be judged to the acceptance criteria.

Pumps with more than one operating speed shall be tested as documented below:

- fixed multispeed pump or motor assemblies, test at each speed; or
- variable speed pump or motor assemblies, test at 100%, 50%, and the lowest speed.

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**Revision to NSF/ANSI/CAN 50-2019**  
**Issue 160 Revision 6 (October 2020)**

**7.6.3** For pumps that provide a flow rate output (such as a visual flow rate in LPM/GPM or other manner), the pump may be tested in accordance with the following flow meter requirements of Section 24 of this standard:

- Section 24.8 flow rate measurement accuracy
- Section 24.9 flow metering device testing and accuracy levels, and
- Section 24.12 life testing

## **7.7 Operation and installation instructions**

**7.7.1** The manufacturer shall provide a manual with each pump. The manual shall include written instructions for the proper installation, operation, and maintenance of the pump. Instructions shall include a parts list and diagrams to facilitate the identification and ordering of replacement parts. If the parts list does not uniquely identify each part for ordering, the manufacturer shall also supply the appropriate specification numbers and serial numbers, and the impeller diameter.

**7.7.2** A pump manufactured without an integral strainer shall state in its installation instructions, on a data plate, or on an attached label that the pump is to be installed with a strainer conforming to the requirements in this Standard.

**7.7.3** For pumps that provide a flow rate output, the instruction manual shall either state the accuracy level of flow metering performance, (e.g., Level 1 or L1) or shall include the statement "Displayed flow rate has not been evaluated to the flow meter requirements of NSF/ANSI/CAN 50."

## **7.8 Self-priming pumps**

A pump designated as self-priming shall be capable of repriming itself when operated under a suction lift without the addition of more liquid. Self-priming capability shall be verified in accordance with Section N-3.3.

## **7.9 Data plate**

**7.9.1** A pump shall have a data plate that is permanent; easy to read; and securely attached, cast, or stamped into the pump at a location readily accessible after installation. The data plate shall contain the following information:

- manufacturer's name and contact information (address, phone number, website, or prime supplier);
- pump model number;
- pump serial number, date code, or specification number;
- whether the unit has been evaluated for swimming pools or spas / hot tubs, if not evaluated for both applications; and
- designation as a self-priming or non-self-priming pump. If the pump is self-priming, the maximum vertical lift height shall be specified.
- if applicable, accuracy level of flow metering performance, (e.g., Level 1 or L1).

**7.9.2** The proper direction of impeller rotation shall be clearly indicated by an arrow on the data plate, on a separate plate, or cast onto the pump.

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**BSR/UL 428A, Standard for Electrically Operated Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations Up to 85 Percent (E0 - E85)**

**1. Revisions to Equate Long Term Exposure Testing Duration - Valve & End Product**

27 Long Term Exposure Test

27.3.3 The chamber temperature is increased to  $60 \pm 2^\circ\text{C}$  ( $140 \pm 4^\circ\text{F}$ ). When the chamber reaches this temperature, the exposure period begins. The samples are exposed to the applicable test fluid at  $60 \pm 2^\circ\text{C}$  for approximately 168 hours. At the end of this duration, the exposure period is halted and the chamber is allowed to cool. The samples are subjected to a 50 psi (347 kPa) pressure for one minute. The fluid is then drained from the samples and observed in accordance with 27.4.2. After this observation, the fluid is discarded. The samples are then immediately refilled with new test fluid and the chamber temperature is allowed to increase to  $60 \pm 2^\circ\text{C}$  again. The total duration of the test shall equal ~~2,520~~ 1008 hours of exposure at  $60 \pm 2^\circ\text{C}$ .

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**BSR/UL 428B, Standard for Electrically Operated Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations Up To 20 Percent (B20), Kerosene, and Fuel Oil**

**1. Revisions to Equate Long Term Exposure Testing Duration - Valve & End Product**

26 Long Term Exposure Test

26.3.3 The chamber temperature is increased to  $60 \pm 2^{\circ}\text{C}$  ( $140 \pm 4^{\circ}\text{F}$ ). When the chamber reaches this temperature, the exposure period begins. The samples are exposed to the applicable test fluid at  $60 \pm 2^{\circ}\text{C}$  for approximately 168 hours. At the end of this duration, the exposure period is halted and the chamber is allowed to cool. The samples are subjected to a 50 psi (347 kPa) pressure for one minute. The fluid is then drained from the samples and observed in accordance with 26.4.2. After this observation, the fluid is discarded. The samples are then immediately refilled with new test fluid and the chamber temperature is allowed to increase to  $60 \pm 2^{\circ}\text{C}$  again. The total duration of the test shall equal ~~2,520~~ 1008 hours of exposure at  $60 \pm 2^{\circ}\text{C}$ .

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**BSR/UL 493, Standard for Safety for Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables****PROPOSALS**

4.6.3.2 In multiple-conductor cable, the equipment grounding conductor shall be placed in the valley between two of the circuit conductors, ~~but not directly between the circuit conductors.~~ In all constructions in which a bare equipment grounding conductor is used, this conductor shall be kept from coming into contact with circuit-conductor insulation ~~and from moving between the circuit conductors.~~ The cable shall be constructed so that the equipment grounding conductor maintains its location between the two circuit conductors.

## BSR/UL 817, Standard for Safety for Cord Sets and Power-Supply Cords

### PROPOSALS

~~5.8A CORD CONNECTOR, MANUALLY OR SPRING-ACTIVATED LATCHING TYPE -~~  
 A cord connector intended for use with extension cord sets of the 1-15R, 5-15R, 5-20R, 6-15R, or 6-20R configurations, employing integral means intended to retain a mated attachment plug in place after its blades have been inserted into the female contacts.  
~~mating configuration attachment plug.~~ See 8.7.

5.9 CORD RESTRAINT DEVICE - A device provided with retention means intended to reduce the likelihood of an attachment plug becoming unintentionally detached from a mating cord connector of a cord set or any outlet device. This device is not an integral or permanently attached component of a cord set or outlet device, but rather is a separate add-on device. A latching type cord connector is not considered a cord restraint device. See 5.8A.

### **8.7 Latching Type Cord Connectors ~~Manually- or Spring-activated latching cord connectors~~**

8.7.1 A cord connector of the 1-15R, 5-15R, 5-20R, 6-15R, or 6-20R configuration is permitted to be provided with an integral latching mechanism.

8.7.2 A cord connector with an integral latching mechanism shall be subjected to the applicable tests in Tests for Cord Connectors, Section 14, with the mechanism in place and defeated. In addition, a cord connector provided with a manual or spring-activated latching mechanism shall be subjected to the Latching Mechanism Tests, Section 19B.

8.7.3 A spring employed in a cord connector with an integral latching mechanism shall be copper or copper alloy, of a corrosion-resistant steel (stainless), or protected against corrosion by metallic plating or other metal coating.

9.11.3 Cord restraint devices shall not be integral with or permanently attached to a cord set or outlet device, but are considered separate add-on devices. A cord connector employing ~~a manual or spring-activated~~ latching mechanism ~~Cord restraint devices employing a latching mechanism are permitted to be integral with the cord connector~~ and shall comply with the requirements as described in Manually- or spring-activated Latching Type Cord Connectors, 8.7.

**(PREVIOUSLY PROPOSED AS NEW DURING THE 2020-09-10 BALLOT)****19B.2 Cycling test**

19B.2.1 After completion of this test:

- ~~a) The latching mechanism shall remain capable of functioning as intended.~~
- ~~b) There shall not be any damage, arcing or dielectric breakdown of the attachment plug or cord connector during application of the test potential.~~
- ~~c) The mating plug shall not displace more than 2.4 mm (3/32 in) from the cord connector outlet as a result of the test force as indicated in 19B.2.3.~~

~~19B.2.2 Each of six previously untested devices is to be tested. A mating attachment plug having rigidly mounted solid blades and standard detent holes shall be inserted and fully seated into the outlet of the device under test. For devices with the 1-15R, 5-15R, 5-20R, 6-15R, or 6-20R configurations, the mating plugs shall have the configurations specified in Table 19B.1. The latching mechanism is to be activated to lock the plug in place. The locking means is then to be de-activated to release the plug and the plug is to be withdrawn from the outlet. This sequence is to be repeated for a total of 1000 cycles.~~

**(CURRENTLY PROPOSED FOR RECIRCULATION)****19B.2 Pull test**

19B.2.1 After completion of this test:

- a) There shall not be any damage to the cord connectors or the blades of the attachment plugs or other evidence of increased risk of injury or electric shock;
- b) The latching means shall remain functional;
- c) There shall not be any loosening of the plug blades nor displacement of the plugs blades at the attachment plug face exceeding 2.4 mm (3/32 in), nor compression of the folded blades to less than 1.40 mm (0.055 in);
- d) The attachment plug shall be capable of being inserted into a standard mating receptacle; and
- e) There shall not be any damage, arcing, or dielectric breakdown during application of the test potential.

19B.2.2 Previously untested devices and mating plugs are to be used. The mating plugs are to have the configurations shown in Table 19B.1. Three devices are to be tested using attachment plugs with rigidly mounted solid blades with standard detent holes. Three devices are to be tested using attachment plugs with folded blades and standard



detent holes. With the device firmly secured in place, a mating attachment plug is to be inserted into the device and the latching mechanism activated to lock the plug in place. A pull of 20 lbf (89 N) in a direction perpendicular to the plane of the face of the cord connector and tending to withdraw the plug from the device is then to be applied to the plug and the plug shall not be withdrawn by the force. The force is then to be removed from the plug, the latching mechanism de-activated to release the plug, and the plug removed from the cord connector. This is to be repeated for a total of 250 cycles. A static 20 lbf (89 N) is to be applied to the plug for 1 minute in a direction perpendicular to the plane of the face of the cord connector which tends to remove the plug from the cord connector. The force is then to be removed from the plug and the latching mechanism de-activated to release the plug, and the plug removed from the cord connector. This is to be repeated for a total of 50 cycles.

**Table 19B.1**  
**Mating plug configurations for pull testing**

<u>Device under test</u>	<u>Mating plug</u>	<u>Number of devices tested</u>
<u>1-15R</u>	<u>1-15P</u>	<u>6</u>
<u>5-15R</u>	<u>1-15P</u>	<u>6</u>
<u>5-20R<sup>a</sup></u>	<u>5-15P</u>	<u>3</u>
	<u>5-20P</u>	<u>3</u>
<u>6-15R</u>	<u>6-15P</u>	<u>6</u>
<u>6-20R<sup>a</sup></u>	<u>6-15P</u>	<u>3</u>
	<u>6-20P</u>	<u>3</u>
<u><sup>a</sup>If the construction will accept and latch both the 15 A and 20 A configurations, then 3 units of each shall be tested. If the construction will accept or latch only 20 A configuration, then 6 units of each shall be tested.</u>		

19B.2.3 Each device shall then be subjected to the Retention of Blades Test, 14.3.

19B.2.3 Each device shall then be subjected to the Dielectric voltage-withstand test, 11.4, except the test potential shall be 1000 V plus twice the rated voltage.

20.8 A cord connector provided with a ~~manually or spring-actuated~~ latching mechanism that is part of an extension cord set in accordance with Latching Type Cord Connectors Manually or Spring-activated latching cord connectors, 8.7, shall be marked with a statement instructing the user how to disengage the latching mechanism so that a mated attachment plug can be removed from the cord connector. The marking shall be within 50.8 mm (2 in) of the cord connector body.

## BSR/UL 1026, Standard for Safety for Household Electric Cooking and Food Serving Appliances

### 1. Proposed Revision to Replace the Reference 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

17.7 Except as indicated in [17.6](#), 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. 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.

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## BSR/UL 1042, Standard for Safety for Electric Baseboard Heating 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

#### 3.3.4 Motor and speed controls

3.3.4.1 A control used to start, stop, regulate or control the speed of a motor shall comply with one of the following:

- a) The Standard for Solid-State Controls for Appliances, UL 244A;
- b) The Standard for Temperature-Indicating and -Regulating Equipment, UL 873;
- c) The Standard for Industrial Control Equipment, UL 508;
- d) The Standard for Power Conversion Equipment, UL 508C Standard for Adjustable Speed Electric Power Drive Systems, UL 61800-5-1; or
- e) The Standard for Automatic Electrical Controls - Part 1: General Requirements, UL 60730-1.

17.4 Except as indicated in 17.3, electronically protected motor circuits shall comply with one of the following. See 3.3.4 for basic control requirements:

- 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. 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.

## BSR/UL 2021, Standard for Safety for Fixed and Location-Dedicated Electric Room Heaters

### 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

#### 3.3.4 Motor and speed controls

3.3.4.1 A control used to start, stop, regulate or control the speed of a motor shall comply with one of the following:

- a) The Standard for Solid-State Controls for Appliances, [UL 244A](#);
- b) The Standard for Temperature-Indicating and -Regulating Equipment, [UL 876](#);
- c) The Standard for Industrial Control Equipment, [UL 508](#);
- d) The Standard for Power Conversion Equipment, [UL 508C](#) Standard for Adjustable Speed Electric Power Drive Systems, UL 61800-5-1; or
- e) The Standard for Automatic Electrical Controls - Part 1: General Requirements, [UL 60730-1](#).

21.4 Except as indicated in [21.3](#), electronically protected motor circuits shall comply with one of the following. See [3.3.4](#) for basic control requirements:

- 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](#). 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.

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

**1. This proposal provides revisions to the proposal document dated June 12, 2020 per comments received.**

**PROPOSALS**

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

NOTE 1: Operational maintenance activities include opening of the enclosure for charging or replacement of batteries, the correcting of “zero” on a panel instrument, changing charts, keeping of records, and adding ink, or the like.

NOTE 2 : Battery charging that does not require opening of the enclosure (such as by inductive means) need not be considered a maintenance function and can be considered a normal operating condition.

3.34 SEALED DEVICE – ~~a device so constructed that it is sealed effectively against entry of an external atmosphere, and cannot be is not opened during normal operation or for any maintenance activities, operating conditions or operational maintenance; it is sealed to restrict entry of an external atmosphere.~~

13.1.8 Sealed devices shall be so constructed that they cannot be opened during normal operation or for any maintenance activities. These requirements apply to the device design, and not just only to when it is operated in a hazardous (classified) location.

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

- a) addressing all declared supply voltage, current and frequency, including declared tolerances;
- b) addressing all declared environmental conditions (including process interface);
- c) all tool-removable enclosures or parts of enclosures remaining (e.g., covers) in place;
- d) any part of the enclosure that can be opened or removed without a tool, is opened or removed all operator-accessible adjustments at their most unfavorable settings; and
- e) any control that is operable without using a tool, being adjusted to the “worst case” position opening or grounding of any one or shorting of any two of the nonincendive field-wiring conductors; and
- f) opening or grounding of any one or shorting of any two of the nonincendive field-wiring conductors that result in the “worst case” condition.

4.1.1 Requirements for equipment intended to be used in Class I and Class II, Division 2 and Class III, Divisions 1 and 2 hazardous (classified) locations are established on the basis that the

equipment in its normal operating condition(see Clause 3.30) is not capable of causing ignition in a hazardous (classified) location.

4.2.1 Equipment covered by this Standard shall comply with the following unclassified location requirements (also referred to as ordinary location or general-purpose requirements) for the particular equipment except as specifically amended herein:

- a) In the United States, the unclassified location requirements applicable to this Standard are provided in ANSI standards.
- b) In Canada, the unclassified location requirements applicable to this Standard are provided in CAN/CSA-C22.2 No. 0 in conjunction with individual Canadian National standards.

See Annex B for a list of commonly applied standards covering the unclassified location requirements.

NOTE 1: Compliance with the individual unclassified location Canadian National standards includes compliance with CAN/CSA-C22.2 No. 0.

NOTE 2: For battery powered portable equipment, applicable unclassified location requirements include CSA and UL 61010-1, CSA and UL 62368-1, UL 508, CSA and UL 60950-1. One of the concerns regarding this type of equipment is the risk of fire associated with the battery.

~~4.2.2 In Canada, general requirements applicable to this Standard are provided in CAN/CSA-C22.2 No. 0.~~

~~NOTE Compliance with the Canadian ordinary location or general-purpose requirements includes compliance with CAN/CSA-C22.2 No. 0.~~

4.4.1 A component of a ~~the equipment product~~ covered by this Standard shall comply with the following unclassified location requirements (also referred to as ordinary location or general-purpose requirements) for the particular that G component, except as specifically amended herein: ~~See Annex B for a list of standards covering components generally used in the products covered by this Standard. A component shall comply with the Canadian National or USA National ANSI standards as appropriate for the country where the product is to be used.~~

- a) In the United States, the unclassified location requirements applicable to this Standard are provided in ANSI standards.
- b) In Canada, the unclassified location requirements applicable to this Standard are provided in CAN/CSA-C22.2 No. 0 in conjunction with individual Canadian National standards.

See Annex B for a list of commonly applied standards covering the unclassified location requirements for such components generally used in the equipment covered by this Standard.

NOTE: Compliance with the individual unclassified location Canadian National standards includes compliance with CAN/CSA-C22.2 No. 0.

4.4.2 All conditions of acceptability associated with the components (sometimes referred to as the schedule of limitations) shall be addressed so as to determine compliance associated with the required risks of fire, electric shock, and injury to persons requirements, in addition to the risks of explosion requirements.

## **5.6 Batteries and battery-powered equipment**

5.6.1 Potential adverse conditions that may result from the charging and discharging of batteries in hazardous (classified) locations, and in unclassified locations if so intended, shall be addressed as follows:

- in the United States, in accordance with the applicable ANSI standards (see Clause 4.4.1)

- In Canada, in accordance with the applicable Canadian National standards (see Clause 4.4.1).

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

i. in the United States: IP54 in accordance with NEMA ANSI/IEC 60529 or Type 3 in accordance with UL 50E, along with UL 50.

ii. in Canada: IP54 in accordance with CAN/CSA C22.2 No. 60529 or Type 3 in accordance with CAN/CSA-C22.2 No. 94.2, along with CAN/CSA-C22.2 No. 94.1

## **Annex A - Normative References**

Where reference is made to any Standards, such reference shall be considered to refer to the latest editions and revisions thereto available at the time of printing, unless otherwise specified.

C22.2 No. 0, General Requirements - Canadian Electrical Code

CSA C22.1-12, Canadian Electrical Code, Part I, Safety Standard for Electrical Installations

C22.2 No. 94.1, Enclosures for Electrical Equipment, Non-Environmental Considerations

C22.2 No. 94.2, Enclosures for Electrical Equipment, Environmental Considerations

C22.2 No. 137, Electric Luminaires for Use in Hazardous Locations

C22.2 No. 159, Attachment Plugs, Receptacles, and Similar Wiring Devices for Use in Hazardous Locations

CAN/CSA-C22.2 No. 60529, Degrees of protection provided by enclosures (IP Code)

CAN/CSA-C22.2 No. 60079-0, Explosive atmospheres - Part 0: Equipment - General requirements

CAN/CSA-C22.2 No. 60079-1, Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"

CAN/CSA-C22.2 No. 60079-6, Explosive atmospheres - Part 6: Equipment protection by oil immersion "o"

CAN/CSA-C22.2 No. 60079-11, Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"

CAN/CSA-C22.2 No. 60079-15, Explosive atmospheres - Part 15: Equipment protection by type of protection "n"

CAN/CSA-C22.2 No. 60079-30-1, Explosive atmospheres - Part 30-1: Electrical Resistance Trace Heating - General and Testing Requirements

CAN/CSA-C22.2 No. 61010-1, Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements

C277.3, Low-Profile, Single-Phase, Pad-Mounted Distribution Transformers with Separable Insulated High-Voltage Connectors

C277.4, Three-Phase, Pad-Mounted Distribution Transformers with Separable Insulated High-Voltage Connectors

[UL 50](#), Standard for Enclosures for Electrical Equipment, Non-Environmental Considerations

[UL 50E](#), Standard for Enclosures for Electrical Equipment, Environmental Considerations

[UL 157](#), Standard for Gaskets and Seals

[UL 746B](#), Standard for Polymeric Materials - Long Term Property Evaluations

[UL 783](#), Standard for Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations

[UL 823](#), Standard for Electric Heaters for Use in Hazardous (Classified) Locations

[UL 844](#), Standard for Luminaires for Use in Hazardous (Classified) Locations

[UL 1836](#), Standard for Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations

[UL 1977](#), Standard for Component Connectors for Use in Data, Signal, Control and Power Applications

[UL 2237](#), Outline of Investigation for Multi-Point Interconnection Power Cable Assemblies for Industrial Machinery

[UL 2238](#), Standard for Cable Assemblies and Fittings for Industrial Control and Signal Distribution

[UL 60079-0](#), Standard for Explosive Atmospheres - Part 0: Equipment - General Requirements

[UL 60079-1](#), Standard for Explosive Atmospheres - Part 1: Equipment Protection by Flameproof Enclosures "d"

[UL 60079-2](#), Standard for Explosive Atmospheres - Part 2: Equipment Protection by Pressurized Enclosures "p"

[UL 60079-5](#), Standard for Explosive Atmospheres - Part 5: Equipment Protection by Powder Filling "q"

[UL 60079-6](#), Standard for Explosive Atmospheres - Part 6: Equipment Protection by Liquid Immersion "o"

[UL 60079-7](#), Standard for Explosive Atmospheres - Part 7: Equipment Protection by Increased Safety "e"

[UL 60079-11](#), Standard for Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"

[UL 60079-15](#), Standard for Explosive atmospheres - Part 15: Equipment protection by type of protection "n"

[UL 60079-18](#), Standard for Explosive atmospheres - Part 18: Equipment Protection by Encapsulation "m"

[UL 60079-30-1](#), Standard for Explosive atmospheres - Part 30-1: Electrical Resistance Trace Heating - General and Testing Requirements



[UL 60079-31](#), Standard for Explosive atmospheres - Part 31: Equipment Dust Ignition Protection by Enclosure "t"

[UL 61010-1](#), Standard for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements

ANSI/NFPA 70, National Electrical Code®

ANSI/IEEE C57.12.00, Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers

ANSI/IEEE C57.12.90, Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers

IEC 60079-25, Explosive atmospheres - Part 25: Intrinsically safe electrical systems

IEC 60216-1, Electrical insulating materials - Thermal endurance properties - Part 1: Ageing procedures and evaluation of test results

IEC 60216-2, Electrical insulating materials - Thermal endurance properties - Part 2: Determination of thermal endurance properties of electrical insulating materials - Choice of test criteria

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

ISO 178, Plastics - Determination of flexural properties

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

5.3.1 Fuses used in circuits that are subject to overloading in normal use shall be:

- a) housed in an enclosure suitable for Division 1 locations;
- b) evaluated in accordance with a type of protection listed in 5.1.2 b) – e f); or
- ~~e) constructed such that the operating element is immersed in oil; or~~
- ~~d c) a nonindicating, filled, current-limiting type.~~

NOTE 4 Examples of circuits that are subject to overloading in normal use include a motor circuit where a possibility of a stalled motor opening the fuse exists, or where there is the possibility of an overload not caused by a fault in the circuit. Reference 501.115(B)(3) of NFPA 70:20142020 (NEC) or J18-150(2)(d) of CSA C22.1-2018 (CE Code) as applicable.

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