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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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## ANS (American Nuclear Society)

Kathryn Murdoch; kmurdoch@ans.org | 555 North Kensington Avenue | La Grange Park, IL 60526 [www.ans.org](http://www.ans.org)

### *New Standard*

BSR/ANS 2.18-202x, Standards for Evaluating Radionuclide Transport in Surface Water for Nuclear Power Sites (new standard)

Stakeholders: Nuclear power plant, test reactor sites, laboratories, and nonreactor nuclear facilities

Project Need: No previous standard was issued on the topic of the surface water transport of radionuclides released from nuclear facilities during normal operation or accidents. Operating power-reactor facilities and proposed new reactor sites must demonstrate compliance of dose limits stipulated in 10 CFR 20 for the protection of public against radiation. The critical exposure pathways of transport of radioactive liquid effluent for many facilities are through the groundwater system that subsequently enter the surface water environment. This new standard aims at providing a standard framework and recommended methods to deal with surface water transport of radionuclide in liquid releases.

Scope: Government, National Laboratory, Vendor, University

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

Tim Fisher; TFisher@ASSP.org | 520 N. Northwest Highway | Park Ridge, IL 60068 [www.assp.org](http://www.assp.org)

### *Revision*

BSR/ASSP A10.39-202X, Construction Safety & Health Audit Program (revision and redesignation of ANSI/ASSE A10.39-1996 (R2017))

Stakeholders: Construction and Demolition Occupational Safety and Health Professionals

Project Need: Based upon the consensus of the A10 Committee.

Scope: Construction and Demolition Occupational Safety and Health Professionals

**CTA (Consumer Technology Association)**

Catrina Akers; cakers@cta.tech | 1919 S. Eads Street | Arlington, VA 22202 www.cta.tech

***New Standard***

BSR/CTA 2113-202x, Best Practices and Recommendations for Telehealth Solutions (new standard)

Stakeholders: Consumers, manufacturers, retailers

Project Need: To identify best practices for telehealth solutions to include technology applications from examination, integration of biometrics/vital sign measurements, testing, prescription management, and long-term care, management, and monitoring.

Scope: To identify best practices for telehealth solutions to include technology applications from examination, integration of biometrics/vital sign measurements, testing, prescription management, and long-term care, management, and monitoring.

**ITSDF (Industrial Truck Standards Development Foundation, Inc.)**

Chris Merther; chris.merther@itsdf.org | 1750 K Street NW, Suite 460 | Washington, DC 20006 www.indtrk.org

***Withdrawal***

ANSI/ITSDF B56.11.1-2012 (R2018), Double Race or Bi-Level Swivel and Rigid Industrial Casters (withdrawal of ANSI/ITSDF B56.11.1-2012 (R2018))

Stakeholders: Manufacturers of double-race or bi-level swivel and rigid industrial casters and industrial truck manufacturers.

Project Need: Most of the requirements have been adopted by other standards and the standard is no longer needed.

Interest Categories: Manufacturers, Users, General

Scope: This standard establishes dimensional standards and load capacity criteria for double-race or bi-level swivel and rigid industrial casters in order to provide for the overall interchangeability of a complete caster.

**ITSDF (Industrial Truck Standards Development Foundation, Inc.)**

Chris Merther; chris.merther@itsdf.org | 1750 K Street NW, Suite 460 | Washington, DC 20006 www.indtrk.org

***Revision***

BSR/ITSDF B56.9-202x, Safety Standard for Operator Controlled Industrial Tow Tractors (revision of ANSI/ITSDF B56.9-2019)

Stakeholders: Users and manufacturers of operator-controlled industrial tow tractors.

Project Need: To update requirements to current state of the art.

Interest Categories: Users, Manufacturers, General

Scope: This Standard defines the safety requirements relating to the elements of design, operation, and maintenance of operator controlled industrial tow tractors up to and including 66750 N (15,000 lb) maximum rated drawbar pull of a non-braked load.

**NICA (National Infusion Center Association)**

Kaitey Morgan; kaitey.morgan@infusioncenter.org | 3307 Northland Drive, Suite 160 | Austin, TX 78731 <https://infusioncenter.org/>

***New Standard***

BSR/NICA V2-202x, NICA Standards for Office-Based Infusion (new standard)

Stakeholders: Healthcare providers involved with furnishing provider-administered medications, consumers (patients)

Project Need: With the robust pipeline of specialty medications coming to market, as well as an explosion in the number of “med-spas” and “hydration clinics”, it is no longer reasonable to expect consistent quality of care across the national infusion delivery channel. There is currently no regulatory body responsible for developing or enforcing best practices or standards of care. Parenteral treatments carry inherent risks even if the agent being administered is entirely benign; however, many of the products being administered in these settings are complex biological products with potential for significant adverse effects. NICA believes that a standardization in quality of care is necessary to support continued patient safety and responsible expansion of the delivery channel.

Interest Categories: Physician office providers, freestanding infusion center providers, membership associations, consumers, general interest

Scope: To promote patient safety and consistent quality of care and to establish foundational standards of practice, NICA will develop the second edition of Standards for In-Office Infusion, specifically applicable to the administration of non-hazardous intravenous and injectable products in a non-hospital, outpatient setting.

**SCTE (Society of Cable Telecommunications Engineers)**

Kim Cooney; kcooney@scte.org | 140 Philips Rd | Exton, PA 19341 [www.scte.org](http://www.scte.org)

***Reaffirmation***

BSR/SCTE 20-2017 (R202x), Methods for Carriage of CEA-608 Closed Captions and Non-Real Time Sampled Video (reaffirmation of ANSI/SCTE 20-2017)

Stakeholders: Cable Telecommunications Industry

Project Need: Update Current Technology.

Interest Categories: General Interest, Producer, User

Scope: This document defines a standard for the carriage of CEA-608 Closed Captions and certain other Vertical Blanking Interval (VBI) services in MPEG-2-compliant bitstreams constructed in accordance with ISO/IEC 13818-2.

**SCTE (Society of Cable Telecommunications Engineers)**

Kim Cooney; kcooney@scte.org | 140 Philips Rd | Exton, PA 19341 [www.scte.org](http://www.scte.org)

***Reaffirmation***

BSR/SCTE 21-2017 (R202x), Standard for Carriage of VBI Data In Cable Digital Transport Streams (reaffirmation of ANSI/SCTE 21-2017)

Stakeholders: Cable Telecommunications Industry

Project Need: Update Current Technology.

Interest Categories: General Interest, User, Producer

Scope: This document defines a standard for the carriage of Vertical Blanking Interval (VBI) services in MPEG-2-compliant bitstreams constructed in accordance with ISO/IEC 13818-2. The approach builds upon a data structure defined in ATSC A/53 Part 4 (Digital Television Standard: Part 4 – MPEG-2 Video System Characteristics), and is designed to be backwards-compatible with that method.

**SCTE (Society of Cable Telecommunications Engineers)**

Kim Cooney; kcooney@scte.org | 140 Philips Rd | Exton, PA 19341 www.scte.org

**Reaffirmation**

BSR/SCTE 23-1-2017 (R202x), DOCSIS 1.1 Part 1: Radio Frequency Interface (reaffirmation of ANSI/SCTE 23-1-2017)

Stakeholders: Cable Telecommunications Industry

Project Need: Update Current Technology

Interest Categories: General Interest, User, Producer

Scope: This document defines the radio-frequency interface specifications for high-speed data-over-cable systems. They were developed for the benefit of the cable industry, including contributions by operators and vendors from North America, Europe, and other regions.

**SCTE (Society of Cable Telecommunications Engineers)**

Kim Cooney; kcooney@scte.org | 140 Philips Rd | Exton, PA 19341 www.scte.org

**Revision**

BSR/SCTE 24-21-202x, BV16 Speech Codec Specification for Voice over IP Applications in Cable Telephony (revision of ANSI/SCTE 24-21-2017)

Stakeholders: Cable Telecommunications Industry

Project Need: Update Current Technology.

Interest Categories: General Interest, User, Producer

Scope: This document contains the description of the BV16 speech codec. BV16 compresses 8-kHz sampled narrowband speech to a bit rate of 16 kb/s by employing a speech coding algorithm called Two-Stage Noise Feedback Coding (TSNFC), developed by Broadcom.

**SCTE (Society of Cable Telecommunications Engineers)**

Kim Cooney; kcooney@scte.org | 140 Philips Rd | Exton, PA 19341 www.scte.org

**Revision**

BSR/SCTE 135-05-202x, DOCSIS 3.0 Part 5: Cable Modem to Customer Premise Equipment Interface (revision of ANSI/SCTE 135-5-2017)

Stakeholders: Cable Telecommunications Industry

Project Need: Update Current Technology.

Interest Categories: General Interest, User, Producer

Scope: This interface specification is one of a family of interface specifications designed to facilitate the implementation of data services over Hybrid Fiber-Coax (HFC) cable networks, as well as over coaxial-only cable networks. Figure 5□1 provides the context for this specification in relation to the data-over-cable reference architecture and the other interface specifications in the family. This specification defines the interface requirements for data-over-cable services between a cable modem and the customer premise equipment (CPE). The CPE may include PCs, Macintoshes, workstations, network computers, and other electronic equipment. This specification defines the applicable communications standards and protocols as needed to implement a cable modem interface to the CPE.

**SCTE (Society of Cable Telecommunications Engineers)**

Kim Cooney; kcooney@scte.org | 140 Philips Rd | Exton, PA 19341 www.scte.org

**Revision**

BSR/SCTE 165-16-202x, IPCablecom 1.5 Part 16: Management Event Mechanism (revision of ANSI/SCTE 165-16-2016)

Stakeholders: Cable Telecommunications Industry

Project Need: Update Current Technology.

Interest Categories: General Interest, User, Producer

Scope: This standard defines the Management Event Mechanism that IPCablecom elements can use to report asynchronous events that indicate malfunction situations and notification about important non-fault situation. Events are defined in this standard as conditions requiring the reporting of information to management systems and/or local log. A goal of IPCablecom is to maintain consistency with the DOCSIS® event reporting mechanism.

# 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

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## Comment Deadline: April 24, 2022

### FM (FM Approvals)

1151 Boston-Providence Turnpike, Norwood, MA 02062 | [josephine.mahnken@fmapprovals.com](mailto:josephine.mahnken@fmapprovals.com), [www.fmglobal.com](http://www.fmglobal.com)

### Revision

BSR/FM 1950-202x, Seismic Sway Braces for Pipe, Tubing and Conduit (revision of ANSI/FM 1950-2016)

This standard includes design and performance requirements for seismic sway bracing used to restrain piping, tubing, and conduit. General and performance requirements apply to components that are attached to the structural element and to the piping, tubing, and conduit. Although used in testing, the "brace member" attached between the structural attached component and piping attached component is not included within the scope of this standard. This revision of the standard updates the safety factor and resistance factor to match other industry standards.

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

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: [josephine.mahnken@fmapprovals.com](mailto:josephine.mahnken@fmapprovals.com)

## Comment Deadline: April 24, 2022

### NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | [arose@nsf.org](mailto:arose@nsf.org), [www.nsf.org](http://www.nsf.org)

#### Revision

BSR/NSF 49-202x (i142r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2020)

This Standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to biosafety levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this Standard. This Standard includes basic requirements for the design, construction, and performance of biosafety cabinets (BSCs) that are intended to provide personnel, product, and environmental protection; reliable operation; durability and structural stability; cleanability; limitations on noise level; illumination; vibration; and motor / blower performance.

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

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Allan Rose; [arose@nsf.org](mailto:arose@nsf.org)

### NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | [rbrooker@nsf.org](mailto:rbrooker@nsf.org), [www.nsf.org](http://www.nsf.org)

#### Revision

BSR/NSF 173-202x (i95r2), Dietary Supplements (revision of ANSI/NSF 173-2021)

The purpose of NSF/ANSI 173 is to serve as an evaluation tool for analyzing dietary supplements. Certification to this Standard serves as a communication tool between manufacturers of ingredients and finished product, retailers, healthcare practitioners, and consumers. This Standard provides test methods and evaluation criteria to allow for the determination that a dietary supplement contains the ingredients claimed on the label, either qualitatively or quantitatively, and that it does not contain specific undeclared contaminants. In some instances, validated laboratory methods are not yet available for analyzing certain ingredients. In such cases, new methods will be added to this Standard as they become available.

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

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Rachel Brooker; [rbrooker@nsf.org](mailto:rbrooker@nsf.org)

### NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | [jsnider@nsf.org](mailto:jsnider@nsf.org), [www.nsf.org](http://www.nsf.org)

#### Revision

BSR/NSF 245-202x (i28r1), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2020)

This wastewater standard contains minimum requirements for residential wastewater treatment systems having rated treatment capacities of 1514 L/d (400 gal/d) to 5678 L/d (1500 gal/d) that are designed to provide reduction of nitrogen in residential wastewater. Management methods for the treated effluent discharged from these systems are not addressed by this Standard. A system, in the same configuration, must either be demonstrated to have met the Class I requirements of NSF/ANSI 40 or must meet the Class I requirements of NSF/ANSI 40 during concurrent testing for nutrient removal.

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

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



## Comment Deadline: April 24, 2022

### UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 | mitchell.gold@ul.org, <https://ul.org/>

#### **National Adoption**

BSR/UL 61800-5-2-202x, Standard for Safety for Adjustable Speed Electrical Power Drive Systems - Part 5-2: Safety Requirements - Functional (national adoption with modifications of IEC 61800-5-2)

Recirculation of the following topic balloted on November 5, 2021: (1) The Proposed Second Edition of the Standard for Adjustable Speed Electrical Power Drive Systems - Part 5-2: Safety Requirements - Functional. [Click here to view these changes in full](#)

Send comments (copy [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 | Megan.M.VanHeirseeele@ul.org, <https://ul.org/>

#### **Revision**

BSR/UL 2580-202x, Standard for Safety for Batteries for Use in Electric Vehicles (revision of ANSI/UL 2580-2021)

2. Clarification of the use and triggering method for internal short circuit trigger cells in C2.1 and C2.2.

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

Send comments (copy [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: May 9, 2022

### AAFS (American Academy of Forensic Sciences)

410 North 21st Street, Colorado Springs, CO 80904 | [tambrosius@aafs.org](mailto:tambrosius@aafs.org), [www.aafs.org](http://www.aafs.org)

#### **New Standard**

BSR/ASB BPR 142-202x, Best Practice Recommendations for the Resolution of Conflicts in Friction Ridge Examination (new standard)

This document provides the best practice recommendations for how to resolve conflicts between examiners at any point during the technical review or verification process of conflicting suitability decisions, conflicting source conclusions, and documentation of conflict resolution. This document does not address differences of opinion that occur at the consultation level or any organizational response once an error is discovered or the conflict(s) is resolved.

Single copy price: Free

Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: <https://www.aafs.org/academy-standards-board>

Order from: Document will be provided electronically on AAFS Standards Board website ([www.aafs.org/academy-standards-board](http://www.aafs.org/academy-standards-board)) free of charge.

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: [asb@aafs.org](mailto:asb@aafs.org)

## Comment Deadline: May 9, 2022

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

410 North 21st Street, Colorado Springs, CO 80904 | [tambrosius@aafs.org](mailto:tambrosius@aafs.org), [www.aafs.org](http://www.aafs.org)

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

BSR/ASB BPR 144-202x, Best Practice Recommendations for the Verification Component in Friction Ridge Examination (new standard)

This document provides best practice recommendations for conducting the verification phase during friction ridge impression examinations. These recommendations apply to both suitability determinations and resulting conclusions addressing verification considerations (e.g., extent, utility, case type, approach), types of verification and application options, and documentation. This document does not address technical review.

Single copy price: Free

Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at:<https://www.aafs.org/academy-standards-board>

Order from: Document will be provided electronically on AAFS Standards Board website ([www.aafs.org/academy-standards-board](http://www.aafs.org/academy-standards-board)) free of charge.

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: [asb@aafs.org](mailto:asb@aafs.org)

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

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | [jallen@aami.org](mailto:jallen@aami.org), [www.aami.org](http://www.aami.org)

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

BSR/AAMI ST108-202x, Water for the processing of medical devices (new standard)

This standard covers the selection and maintenance of effective water quality suitable for processing medical devices. It provides guidelines for selecting the water quality necessary for the processing of categories of medical devices and addresses water treatment equipment, water distribution and storage, quality control procedures for monitoring water quality, strategies for bacterial control, and environmental and personnel considerations.

Single copy price: Free

Obtain an electronic copy from: [jallen@aami.org](mailto:jallen@aami.org)

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Jody Allen, [jallen@aami.org](mailto:jallen@aami.org)

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

613 Third Street, Suite 10, Annapolis, MD 21403 | [bgoodwin@abycinc.org](mailto:bgoodwin@abycinc.org), [www.abycinc.org](http://www.abycinc.org)

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

BSR/ABYC S-32-202x, Warnings and Safety Signs for Boats (new standard)

This industry conformity standard applies to warning topics, design, layout, and installation locations of universal warning labels. This standard applies to all boats except PWCs, Canoes, and Kayaks.

Single copy price: \$50.00

Obtain an electronic copy from: [www.abycinc.org](http://www.abycinc.org)

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

## Comment Deadline: May 9, 2022

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

613 Third Street, Suite 10, Annapolis, MD 21403 | bgoodwin@abycinc.org, www.abycinc.org

#### ***Revision***

BSR/ABYC H-8-202x, Buoyancy in the Event of Flooding/Swamping (revision of ANSI/ABYC H-8-2017)

This standard addresses the determination of flotation and placement required to keep boats afloat when flooded/swamped and, where indicated, floating in an approximately level attitude when flooded/swamped.

Single copy price: \$50.00

Obtain an electronic copy from: [www.abycinc.org](http://www.abycinc.org)

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

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

613 Third Street, Suite 10, Annapolis, MD 21403 | bgoodwin@abycinc.org, www.abycinc.org

#### ***Revision***

BSR/ABYC P-23-202x, Mechanical Steering and Propulsion Controls for Jet Boats (revision of ANSI/ABYC P-23-2017)

This standard addresses the design, construction, and installation of systems for mechanical steering and mechanical control of propulsion machinery for inboard water-jet propelled boats.

Single copy price: \$50.00

Obtain an electronic copy from: [www.abycinc.org](http://www.abycinc.org)

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

### **AGMA (American Gear Manufacturers Association)**

1001 N Fairfax Street, 5th Floor, Alexandria, VA 22314-1587 | [tech@agma.org](mailto:tech@agma.org), [www.agma.org](http://www.agma.org)

#### ***Reaffirmation***

BSR/AGMA 9008-B99 (R202x), Flexible Couplings - Gear Type - Flange Dimensions, Inch Series (reaffirmation of ANSI/AGMA 9008-B99 (R2017))

This standard defines the interface dimensions for inch series shrouded and exposed bolt gear coupling flanges.

Single copy price: \$42.00

Obtain an electronic copy from: [tech@agma.org](mailto:tech@agma.org)

Order from: [tech@agma.org](mailto:tech@agma.org)

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: [aboutaleb@agma.org](mailto:aboutaleb@agma.org)

## Comment Deadline: May 9, 2022

### **AGMA (American Gear Manufacturers Association)**

1001 N Fairfax Street, 5th Floor, Alexandria, VA 22314-1587 | tech@agma.org, www.agma.org

#### **Reaffirmation**

BSR/AGMA 9104-2006 (R202x), Flexible Couplings - Mass Elastic Properties and Other Characteristics (Metric Edition) (reaffirmation of ANSI/AGMA 9104-2006 (R2017))

This standard presents information and calculation methods for the mass elastic properties and other characteristics of flexible couplings.

Single copy price: \$67.00

Obtain an electronic copy from: tech@agma.org

Order from: tech@agma.org

Send comments (copy psa@ansi.org) to: aboutaleb@agma.org

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

555 North Kensington Avenue, La Grange Park, IL 60526 | kmurdoch@ans.org, www.ans.org

#### **Reaffirmation**

BSR/ANS 3.2-2012 (R202x), Managerial, Administrative, and Quality Assurance Controls for the Operational Phase of Nuclear Power Plants (reaffirmation of ANSI/ANS 3.2-2012 (R2017))

This standard defines the managerial and administrative controls for operating commercial power plants. NQA -1 will be referenced to provide for quality assurance requirements that are common to all phases (construction, design, and operations). The focus only on managerial and administrative controls will facilitate endorsement and increase application to both existing and new nuclear generation.

Single copy price: \$138.00

Obtain an electronic copy from: orders@ans.org

Order from: orders@ans.org

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

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

180 Technology Parkway, Peachtree Corners, GA 30092 | rshanley@ashrae.org, www.ashrae.org

#### **Addenda**

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

This proposed addendum to Standard 15-2019 makes a modification to refrigerant charge quantity limits, which aligns Standard 15 with the outcome of the research project. This modification will also make the requirements in Standard 15 more consistent with the requirements of the product safety standard.

Single copy price: \$35.00

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

Order from: standards.section@ashrae.org

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

## Comment Deadline: May 9, 2022

### CSA (CSA America Standards Inc.)

8501 East Pleasant Valley Road, Cleveland, OH 44131-5575 | [ansi.contact@csagroup.org](mailto:ansi.contact@csagroup.org), [www.csagroup.org](http://www.csagroup.org)

#### **Revision**

BSR/CSA NGV 5.1-202x, Residential fueling appliances (revision of ANSI/CSA NGV 5.1-2016 (R2020))

This standard details mechanical and electrical requirements for newly manufactured systems that dispense natural gas for vehicles directly into the vehicle fuel storage container and are installed in non-commercial/non-public locations. This standard does not apply to the nozzle, hose assemblies, and connection devices associated with such equipment.

Single copy price: Free

Obtain an electronic copy from: [ansi.contact@csagroup.org](mailto:ansi.contact@csagroup.org)

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: [ansi.contact@csagroup.org](mailto:ansi.contact@csagroup.org)

### CTA (Consumer Technology Association)

1919 S. Eads Street, Arlington, VA 22202 | [cakers@cta.tech](mailto:cakers@cta.tech), [www.cta.tech](http://www.cta.tech)

#### **Revision**

BSR/CTA 2006-D-202x, Testing and Measurement Methods for In-Vehicle Audio Amplifiers (revision and redesignation of ANSI/CTA 2006-C-2019)

To define characteristics that, considered collectively, describe the performance of Power Amplifiers designed for In-Vehicle applications. Power Amplifiers designed for In-Vehicle applications include, but are not limited to: separate single and multi-channel amplifiers, Integrated Amplifiers and bandwidth-limited amplifiers that are connected to and rely solely on the vehicle's primary electrical system for power input and have output power ratings of greater than 5W when measured in accordance with ANSI/CTA 2006-C.

Single copy price: Free

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### CTA (Consumer Technology Association)

1919 S. Eads Street, Arlington, VA 22202 | [cakers@cta.tech](mailto:cakers@cta.tech), [www.cta.tech](http://www.cta.tech)

#### **Stabilized Maintenance**

BSR/CTA 2015-2007 (S202x), Mobile Electronics Cabling Standard (stabilized maintenance of ANSI/CTA 2015-2007 (R2017))

This standard defines size and performance requirements for power and speaker cabling used in mobile electronics applications.

Single copy price: Free

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## Comment Deadline: May 9, 2022

### **IIAR (International Institute of Ammonia Refrigeration)**

1001 North Fairfax Street, Alexandria, VA 22314 | tony\_lundell@iiar.org, www.iiar.org

#### **Revision**

BSR/IIAR 1-202x, Definitions and Terminology Used in IIAR Standards (revision of ANSI/IIAR 1-2017)

This standard provides a unified set of definitions for use in the IIAR Standards. A set of common definitions is provided to prevent confusion for those that use IIAR Standards. This Standard is a companion to ANSI/IIAR Standards.

Single copy price: Free

Obtain an electronic copy from: tony\_lundell@iiar.org

Order from: Tony Lundell; tony\_lundell@iiar.org

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

### **IIAR (International Institute of Ammonia Refrigeration)**

1001 North Fairfax Street, Alexandria, VA 22314 | tony\_lundell@iiar.org, www.iiar.org

#### **Revision**

BSR/IIAR 3-202x, Ammonia Refrigeration Valves (revision of ANSI/IIAR 3-2017)

The purpose of this standard is to specify performance criteria for valves and strainers used in closed-circuit ammonia refrigeration systems.

Single copy price: Free

Obtain an electronic copy from: tony\_lundell@iiar.org

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

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | Pau\_orr@nema.org, www.nema.org

#### **Revision**

BSR C12.1-202x, Code for Electricity Metering (revision of ANSI C12.1-2016)

This standard establishes acceptable performance criteria for new types of ac watthour meters, demand meters, demand registers, pulse devices, and auxiliary devices. It also describes acceptable in-service performance levels for meters and devices used in revenue metering. It also includes information on related subjects, such as recommended measurement standards, installation requirements, test methods, and test schedules. This Code for Electricity Metering is designed as a reference for those concerned with the art of electricity metering, such as utilities, manufacturers, and regulatory bodies.

Single copy price: \$391.00

Obtain an electronic copy from: pau\_orr@nema.org

Order from: www.nema.org

Send comments (copy psa@ansi.org) to: pau\_orr@nema.org

## Comment Deadline: May 9, 2022

### **NEMA (ASC C29) (National Electrical Manufacturers Association)**

13 North 17th Street, Suite 900, Rosslyn, VA 22209 | pau\_orr@nema.org, www.nema.org

#### **Revision**

BSR/NEMA C29.7-202X, Wet-Process Porcelain Insulators - High-Voltage Line - Post-Type (revision of ANSI/NEMA C29.7-2015)

This standard covers high-voltage line post-type insulators made of wet-process porcelain and used in the transmission and distribution of electrical energy.

Single copy price: \$76.00

Obtain an electronic copy from: pau\_orr@nema.org

Order from: Paul Orr; pau\_orr@nema.org

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

### **NEMA (ASC C8) (National Electrical Manufacturers Association)**

1300 North 17th Street, Suite 900, Arlington, VA 22209 | Khaled.Masri@nema.org, www.nema.org

#### **Revision**

BSR ICEA S-122-744-202x, Standard for Optical Fiber Outside Plant Microduct Cables (revision of ANSI ICEA S-122-744-2016)

This Standard covers performance requirements for microduct optical fiber outside plant cables intended for installation in microducts, typically by blowing in using commercially available equipment intended for this application. Products covered by this Standard are intended only for operation under conditions normally found in outside plant communication systems.

Single copy price: \$176.00

Obtain an electronic copy from: Khaled.Masri@nema.org

Order from: Khaled Masri; Khaled.Masri@nema.org

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### **NEMA (ASC Z535) (National Electrical Manufacturers Association)**

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | Pau\_orr@nema.org, www.nema.org

#### **Revision**

BSR Z535.5-202x, Safety Tags and Barricade Tapes (for Temporary Hazards) (revision of ANSI Z535.5-2011 (R2017))

This standard sets forth requirements for the design, application, and use of safety tags and barricade tapes for temporary hazards. They shall be used only until the identified hazard is eliminated, or the hazardous operation is completed. For example, a safety tag would be appropriate for use during lock-out/tag-out procedures or on a damaged tool until it can be properly removed from the work area. Barricade tape would be suitable to mark an area affected by a chemical spill or an open and temporary trench.

Single copy price: \$175.00

Obtain an electronic copy from: pau\_orr@nema.org

Order from: www.nema.org

Send comments (copy psa@ansi.org) to: pau\_orr@nema.org

## Comment Deadline: May 9, 2022

### NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

#### **NFPA FIRE PROTECTION STANDARDS DOCUMENTATION**

*The National Fire Protection Association announces the availability of the NFPA First Draft Reports for concurrent review and comment by NFPA and ANSI. These First Draft Reports contain the disposition of public inputs that were received for standards in the Annual 2023 Revision Cycle.*

*The First Draft Report is located on the document's information page under the next edition tab. The document's specific URL, [www.nfpa.org/doc#next](http://www.nfpa.org/doc#next) (for example [www.nfpa.org/101next](http://www.nfpa.org/101next)), can easily access the document's information page. All Comments on standards in the Annual 2023 Revision Cycle must be submitted by May 31, 2022. The disposition of all comments received from the review of the First Draft Report will be published in the Second Draft Report, and will also be available on the document's information page under the next edition tab.*

*For more information on the rules and up-to-date information on deadlines for processing NFPA standards, check the NFPA website (<http://www.nfpa.org>) or contact Standards Administration at NFPA. Those who submit comments to NFPA are invited to copy ANSI's Board of Standards Review.*

#### **Revision**

BSR/NFPA 30-202x, Flammable and Combustible Liquids Code (revision of ANSI/NFPA 30-2021)

This code shall apply to the storage, handling, and use of flammable and combustible liquids, including waste liquids, as herein defined and classified. A. This code is recommended for use as the basis for legal regulations. Its provisions are intended to reduce the hazard to a degree consistent with reasonable public safety, without undue interference with public convenience and necessity, of operations that require the use of flammable and combustible liquids. Compliance with this code does not eliminate all hazards in the use of flammable and combustible liquids. (See the Flammable and Combustible Liquids Code Handbook for additional explanatory information.) This code shall not apply to the following: (1)\*Any liquid that has a melting point of 100° F (37.8° C) or greater. A.(1) Liquids that are solid at 100° F (37.8° C) or above, but are handled, used, or stored at temperatures above their flash points, should be reviewed against pertinent sections of this code. (2)\*Any liquid that does not meet the criteria for fluidity given in the definition of liquid in Chapter 3 and in the provisions of Chapter 4. A.(2) The information in A.(1) also applies here. (3) Any cryogenic fluid or liquefied gas, as defined in..

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## Comment Deadline: May 9, 2022

### **NFPA (National Fire Protection Association)**

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

#### **Revision**

BSR/NFPA 30A-202x, Code for Motor Fuel Dispensing Facilities and Repair Garages (revision of ANSI/NFPA 30A-2021)

This code is recommended for use as the basis for legal regulations. Its provisions are intended to reduce the hazards of motor fuels to a degree consistent with reasonable public safety, without undue interference with public convenience and necessity. Thus, compliance with this code does not eliminate all hazards in the use of these fuels. See the Flammable and Combustible Liquids Code Handbook for additional explanatory information. Scope. This code shall apply to motor fuel dispensing facilities and motor fuel dispensing at farms and isolated construction sites. This code shall apply to motor vehicle repair garages. This code shall not apply to those motor fuel dispensing facilities where only liquefied petroleum gas (LP-Gas), liquefied natural gas (LNG), or compressed natural gas (CNG) is dispensed as motor fuel. A. See NFPA 52, Vehicular Gaseous Fuel Systems Code, and NFPA 58, Liquefied Petroleum Gas Code, for requirements for facilities where only these fuels are dispensed. This code shall not apply to aircraft fueling.

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### **NFPA (National Fire Protection Association)**

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

#### **Revision**

BSR/NFPA 70E®-202x, Standard for Electrical Safety in the Workplace® (revision of ANSI/NFPA 70E-2021)

This standard addresses electrical safety-related work practices, safety-related maintenance requirements, and other administrative controls for employee workplaces that are necessary for the practical safeguarding of employees relative to the hazards associated with electrical energy during activities such as the installation, inspection, operation, maintenance, and demolition of electric conductors, electric equipment, signaling and communications, conductors and equipment, and raceways. This standard also includes safe work practices for employees performing other work activities that can expose them to electrical hazards as well as safe work practices for the following: (1) Installation of conductors and equipment that connect to the supply of electricity; (2) Installations used by the electric utility, such as office buildings, warehouses, garages, machine shops, and recreational buildings that are not an integral part of a generating plant, substation, or control center. Informational Note: This standard addresses safety of workers whose job responsibilities entail interaction with electrical equipment and systems with potential exposure to energized electrical equipment and circuit parts. Concepts in this standard are often adapted to other workers whose exposure to electrical hazards is unintentional or not recognized as part of their job responsibilities. The highest risk for injury from electrical hazards for other workers involve...

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## Comment Deadline: May 9, 2022

### NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

#### **Revision**

BSR/NFPA 99B-202x, Standard for Hypobaric Facilities (revision of ANSI/NFPA 99B-2021)

This standard shall apply to all hypobaric facilities in which humans will be occupants or are intended to be occupants of the hypobaric chamber. This standard shall not apply to hypobaric facilities used for animal experimentation if the size of the hypobaric chamber does not allow for human occupancy.

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### NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

#### **Revision**

BSR/NFPA 99-202x, Health Care Facilities Code (revision of ANSI/NFPA 99-2021)

The scope of this code is to establish minimum criteria as follows in through 3. Fundamentals. Chapter 4 establishes criteria for levels of health care services or systems based on risk to the patients, staff, or visitors in health care facilities. Gas and Vacuum Systems. .1 Chapter 5 covers the performance, maintenance, installation, and testing of the following: (1) Nonflammable medical gas systems with operating pressures below a gauge pressure of 2068 kPa (300 psi) (2) Vacuum systems in health care facilities (3) Waste anesthetic gas disposal (WAGD) systems, also referred to as scavenging (4) Manufactured assemblies that are intended for connection to the medical gas, vacuum, or WAGD systems (also referred to as scavenging) .2 Requirements for portable compressed gas systems are covered in Chapter 11. Electrical Systems. .1 Chapter 6 covers the performance, maintenance, and testing of electrical systems (both normal and essential) in health care facilities. .2 The following areas are not addressed in this code, but are addressed in other NFPA documents: (1) Specific requirements for wiring and installation of equipment are covered in NFPA 70, National Electrical Code. (2) Requirements for illumination and identification of..

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### **NFPA (National Fire Protection Association)**

One Batterymarch Park, Quincy, MA 02169 | [dbellis@nfpa.org](mailto:dbellis@nfpa.org), [www.nfpa.org](http://www.nfpa.org)

#### **Revision**

BSR/NFPA 101®-202x, Life Safety Code® (revision of ANSI/NFPA 101-2021)

The following is a suggested procedure for determining the Code requirements for a building or structure: (1) Determine the occupancy classification by referring to the occupancy definitions in Chapter 6 and the occupancy Chapters 12 through 42. (See 6.1.14 for buildings with more than one use.) (2) Determine if the building or structure is new or existing. (See the definitions in Chapter 3.) (3) Determine the occupant load. (See 7.3.1.) (4) Determine the hazard of contents. (See Section 6.2.) (5) Refer to the applicable occupancy chapter of the Code, Chapters 12 through 42. [See Chapters 1 through 4 and Chapters 6 through 11, as needed, for general information (such as definitions) or as directed by the occupancy chapter.] (6) Determine the occupancy subclassification or special use condition, if any, by referring to Chapters 16 and 17, daycare occupancies; Chapters 18 and 19, health care occupancies; Chapters 22 and 23, detention and correctional occupancies; Chapters 28 and 29, hotels and dormitories; Chapters 32 and 33, residential board and care occupancies; Chapters 36 and 37, mercantile occupancies; and Chapter 40, industrial occupancies, which contain subclassifications or special use definitions. (7) Proceed through the applicable occupancy chapter to verify compliance with..

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One Batterymarch Park, Quincy, MA 02169 | [dbellis@nfpa.org](mailto:dbellis@nfpa.org), [www.nfpa.org](http://www.nfpa.org)

#### **Revision**

BSR/NFPA 211-202x, Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances (revision of ANSI/NFPA 211-2019)

This standard applies to the design, installation, maintenance, and inspection of all chimneys, fireplaces, venting systems, and solid fuel-burning appliances.

Obtain an electronic copy from: [www.nfpa.org/211Next](http://www.nfpa.org/211Next)

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### **NFPA (National Fire Protection Association)**

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

#### **Revision**

BSR/NFPA 306-202x, Standard for the Control of Gas Hazards on Vessels (revision of ANSI/NFPA 306-2019)

This standard applies to vessels that carry or burn as fuel, flammable or combustible liquids. It also applies to vessels that carry or have carried flammable compressed gases, flammable cryogenic liquids, chemicals in bulk, or other products capable of creating a hazardous condition. This standard describes the conditions required before a space can be entered or work can be started, continued, or started and continued on any vessel under construction, alteration, or repair, or on any vessel awaiting shipbreaking. This standard applies to cold work, application or removal of protective coatings, and work involving riveting, welding, burning, or similar fire-producing operations. This standard applies to vessels while in the United States, its territories and possessions, both within and outside of yards for ship construction, ship alteration, ship repair, or shipbreaking. This standard applies specifically to those spaces on vessels that are subject to concentrations of combustible, flammable, and toxic liquids, vapors, gases, and chemicals as herein described. This standard is also applicable to those spaces on vessels that might not contain sufficient oxygen to permit safe entry. .1 When requested, the Marine Chemist shall apply this standard to other spaces to ensure and..

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### **NFPA (National Fire Protection Association)**

One Batterymarch Park, Quincy, MA 02269-9101 | PFoley@nfpa.org, www.nfpa.org

#### **Revision**

BSR/NFPA 556-202x, Guide on Methods for Evaluating Fire Hazard to Occupants of Passenger Road Vehicles (revision of ANSI/NFPA 556-2020)

This guide addresses issues associated with the development of hazardous conditions from fire involving passenger road vehicles and the time available for safe egress or rescue. This document provides guidance toward a systematic approach of the determination of the relationship between the properties of passenger road vehicles, including the materials, components and systems, and the development of hazardous conditions in the vehicle. This approach can include small-scale testing, full-scale testing of systems or entire vehicles, and computer modeling techniques in specified, well-defined scenarios. The principles and concepts presented in this guide provide a methodology that can be used to determine the effects of changes in design or in the properties of materials, components, and assemblies in passenger road vehicles on the development of hazardous fire conditions in passenger road vehicles in response to specified well-defined scenarios. This guide provides a methodology that can be used in the selection of materials and design of components and systems, with the intent of providing a desired level of fire safety to occupants in passenger road vehicles in response to specific fire scenarios.

Obtain an electronic copy from: [www.nfpa.org/556Next](http://www.nfpa.org/556Next)

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### **NFPA (National Fire Protection Association)**

One Batterymarch Park, Quincy, MA 02269-9101 | PFoley@nfpa.org, www.nfpa.org

#### ***Revision***

BSR/NFPA 820-202x, Standard for Fire Protection in Wastewater Treatment and Collection Facilities (revision of ANSI/NFPA 820-2020)

This standard shall establish minimum requirements for protection against fire and explosion hazards in wastewater treatment plants and associated collection systems, including the hazard classification of specific areas and processes. Other NFPA standards should be consulted for additional requirements relating to wastewater treatment and collection facilities. This standard shall apply to the following: (1) Collection sewers, (2) Trunk sewers, (3) Intercepting sewers, (4) Combined sewers, (5) Storm sewers, (6) Pumping stations, (7) Wastewater treatment plants, (8) Sludge-handling facilities, (9) Chemical-handling facilities, (10) Treatment facilities, and (11) Ancillary structures (see 3.3.60.1). This standard shall not apply to the following: (1) Collection, treatment, or disposal of industrial wastes or manufactured by-products that are treated on-site and not discharged to a publicly or privately operated municipal facility, (2) On-site treatment systems (see 3.3.61.1), (3) Pressure sewer systems (see 3.3.54.8), (4) Building drain systems and appurtenances (see 3.3.5), (5) Industrial sewer systems and appurtenances (see 3.3.54.5), (6) Personnel safety from toxic and hazardous materials or products of combustion, (7) Separate nonprocess-related structures (see 3.3.60.2).

Obtain an electronic copy from: [www.nfpa.org/820Next](http://www.nfpa.org/820Next)

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### **NFPA (National Fire Protection Association)**

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

#### ***Revision***

BSR/NFPA 5000®-202x, Building Construction and Safety Code® (revision of ANSI/NFPA 5000-2021)

The Code does not address features that solely affect economic loss to private property. The Code addresses those construction, protection, and occupancy features necessary to minimize danger to life and property.

Obtain an electronic copy from: [www.nfpa.org/5000Next](http://www.nfpa.org/5000Next)

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### NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105 | mmilla@nsf.org, www.nsf.org

#### Revision

BSR/NSF 244-202x (i15r2), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2021)

The point-of-use (POU) and point-of-entry (POE) systems addressed by this Standard are designed to be used for the supplemental microbial control of specific organisms that may occasionally be present in drinking water (public or private) because of intermittent incursions. Certain of these specific organisms that may be introduced into the drinking water are considered established or potential health hazards. This Standard establishes requirements for POU and POE drinking-water treatment systems, and the materials and components used in these systems.

Single copy price: Free

Obtain an electronic copy from: [https://standards.nsf.org/apps/group\\_public/download.php/62750/244i15r2%20-%20JC%20memo%20&%20Ballot.pdf](https://standards.nsf.org/apps/group_public/download.php/62750/244i15r2%20-%20JC%20memo%20&%20Ballot.pdf)

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

### NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | jsnider@nsf.org, www.nsf.org

#### Revision

BSR/NSF/CAN 50-202x (i140r6), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)

This Standard covers materials, chemicals, components, products, 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/62664/50i140r6%20-%20JC%20memo%20&%20Ballot.pdf](https://standards.nsf.org/apps/group_public/download.php/62664/50i140r6%20-%20JC%20memo%20&%20Ballot.pdf)

Send comments (copy psa@ansi.org) to: Jason Snider; jsnider@nsf.org

### SAAMI (Sporting Arms and Ammunition Manufacturers Institute)

11 Mile Hill Road, Newtown, CT 06470-2359 | bosowiecki@saami.org, www.saami.org

#### Revision

BSR/SAAMI Z299.3-202x, Voluntary Industry Performance Standards for Pressure and Velocity of Centerfire Pistol and Revolver Ammunition for the Use of Commercial Manufacturers (revision of ANSI/SAAMI Z299.3-2015)

In the interests of safety and interchangeability, this Standard provides pressure and velocity performance and dimensional characteristics for centerfire pistol and revolver sporting ammunition and their respective chambers. Included are procedures and equipment for determining these criteria.

Single copy price: \$35.00 (ANSI Members); \$45.00 (non-members)

Obtain an electronic copy from: bosowiecki@saami.org

Send comments (copy psa@ansi.org) to: Brian Osowiecki; bosowiecki@saami.org

## Comment Deadline: May 9, 2022

### **SCTE (Society of Cable Telecommunications Engineers)**

140 Philips Rd, Exton, PA 19341 | [kcooney@scte.org](mailto:kcooney@scte.org), [www.scte.org](http://www.scte.org)

#### **Reaffirmation**

BSR/SCTE 25-3-2017 (R202x), Hybrid Fiber Coax Outside Plant Status Monitoring - Power Supply to Transponder Interface Bus (PSTIB) Specification v1.1 (reaffirmation of ANSI/SCTE 25-3-2017)

This specification describes the PSTIB PHY and DLL layer requirements and protocols that must be implemented to support reliable communications between all Type-2- and Type-3-compliant OSP HMS transponders on the HFC plant and managed OSP power supplies and related hardware. Any exceptions to compliance with this specification will be specifically noted in this document as necessary.

Single copy price: \$50.00

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

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

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: [admin@standards.scte.org](mailto:admin@standards.scte.org)

### **TIA (Telecommunications Industry Association)**

1320 North Courthouse Road, Suite 200, Arlington, VA 22201-2598 | [standards-process@tiaonline.org](mailto:standards-process@tiaonline.org), [www.tiaonline.org](http://www.tiaonline.org)

#### **Addenda**

BSR/TIA 569-E-1-202x, Telecommunications Pathways and Spaces - Addendum 1: Revised Temperature and Humidity Guidelines for Telecommunications Spaces (addenda to ANSI/TIA 569-E-2019)

This Addendum specifies new temperature and humidity recommendations for telecommunications spaces. The new recommendations are harmonized with ASHRAE Thermal Guidelines for Data Processing Environments, 5th edition.

Single copy price: \$61.00

Obtain an electronic copy from: TIA ([standards-process@tiaonline.org](mailto:standards-process@tiaonline.org))

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

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | [Vickie.T.Hinton@ul.org](mailto:Vickie.T.Hinton@ul.org), <https://ul.org/>

#### **National Adoption**

BSR/UL 62990-1-202x, Standard for Safety for Workplace Atmospheres - Part 1: Gas Detectors - Performance Requirements of Detectors for Toxic Gases (national adoption with modifications of IEC 62990-1)

This proposal is for the Adoption of IEC 62990-1, Workplace Atmospheres - Part 1: Gas Detectors - Performance Requirements of Detectors for Toxic Gases, (first edition and Corrigendum 1, issued by IEC June 2019) as a new IEC-based UL Standard, UL 62990-1 with US Differences.

Single copy price: Free

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

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## Comment Deadline: May 9, 2022

### UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062 | [megan.monsen@ul.org](mailto:megan.monsen@ul.org), <https://ul.org/>

#### **Reaffirmation**

BSR/UL 551-2009 (R202x), Standard for Safety for Transformer-Type Arc-Welding Machines (reaffirmation of ANSI/UL 551-2009 (R2018))

This proposal for UL 551 covers: Reaffirmation and continuance of the Eighth Edition of the Standard for Transformer-Type Arc-Welding Machines, UL 551, as a standard.

Single copy price: Free

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

Order from: <http://www.shopulstandards.com>

Send comments (copy [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 | [megan.monsen@ul.org](mailto:megan.monsen@ul.org), <https://ul.org/>

#### **Reaffirmation**

BSR/UL 5085-1-2013 (R202x), Standard for Safety for Low Voltage Transformers (reaffirmation of ANSI/UL 5085-1-2013 (R2018))

This proposal for UL 5085-1 covers: Reaffirmation and continuance of the First Edition of the Standard for Low Voltage Transformers - Part 1: General Requirements, UL 5085-1, as a standard.

Single copy price: Free

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

Order from: <http://www.shopulstandards.com>

Send comments (copy [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 | [Julio.Morales@UL.org](mailto:Julio.Morales@UL.org), <https://ul.org/>

#### **Reaffirmation**

BSR/UL 60950-22-2017 (R202x), Standard for Safety for Information Technology Equipment - Safety - Part 22: Equipment to be Installed Outdoors (reaffirmation of ANSI/UL 60950-22-2017)

This proposal for UL 60950-22 covers the reaffirmation and continuance of the second edition of the Standard for Safety for Information Technology Equipment - Safety - Part 22: Equipment to be Installed Outdoors, UL 60950-22, as a standard.

Single copy price: Free

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

Order from: <http://www.shopulstandards.com>

Send comments (copy [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: May 24, 2022

### ASME (American Society of Mechanical Engineers)

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

#### **Revision**

BSR/ASME B40.100-202x, Pressure Gauges and Gauge Attachments (revision of ANSI/ASME B40.100-2013)

This standard covers analog, dial-type gauges, which, utilizing elastic elements, mechanically sense pressure and indicate it by means of a pointer moving over a graduated scale. It also includes the following attachments installed between the pressure source and gauge(s): diaphragm seals, snubbers, and pressure-limiting valves. It does not include gauges of special configuration designed for specific applications, edge reading, deadweight or piston gages, other gauges not using an elastic element to sense pressure, diaphragm-actuated pressure instruments that employ mechanical linkages to transmit the applied pressure, other attachments such as siphons, electric contacts, and gauge-isolation valves or other separation devices designed to protect the pressure-element assembly.

Single copy price: Free

Order from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Angel Guzman Rodriguez; [guzman@asme.org](mailto:guzman@asme.org)

### ASME (American Society of Mechanical Engineers)

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

#### **Revision**

BSR/ASME PTC 22-202x, Gas Turbines (revision of ANSI/ASME PTC 22-2014)

This Code provides for the testing of aero-derivative or industrial frame gas turbines supplied with gaseous or liquid fuels (or solid fuels converted to liquid or gas prior to entry into the gas turbine). This Code provides for comparative (back-to-back) tests designed to verify performance differentials of the gas turbine, primarily for testing before and after modifications, updates, or overhauls.

Single copy price: Free

Order from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Justin Cassamassino; [cassasmassinovj@asme.org](mailto:cassasmassinovj@asme.org)

## Comment Deadline: May 24, 2022

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

700 K Street NW, Suite 600, Washington, DC 20001 | [kquigley@itic.org](mailto:kquigley@itic.org), [www.incits.org](http://www.incits.org)

#### ***Withdrawal***

INCITS 499-2018, Information technology - Next Generation Access Control - Functional Architecture (withdrawal of INCITS 499-2018)

NGAC follows an attribute-based construction in which characteristics or properties are used to describe and manage policy and to control access to resources. The family of NGAC standards specifies the architecture, functions, operations, and interfaces necessary to ensure their realization in different types of implementation environments at a range of scalability levels. This standard contains an abstract functional description of the NGAC architecture, and also provides an overview of the other standards within the NGAC family of standards. The description herein is abstract because it excludes irrelevant details, and is functional because it partitions the entities comprising the architecture purely on the basis of their function and excludes all other constraints.

Single copy price: \$60.00

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

Order from: <https://webstore.ansi.org/>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: [comments@standards.incits.org](mailto:comments@standards.incits.org)

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

700 K Street NW, Suite 600, Washington, DC 20001 | [kquigley@itic.org](mailto:kquigley@itic.org), [www.incits.org](http://www.incits.org)

#### ***Withdrawal***

INCITS 525-2018, Information technology - Next Generation Access Control - Implementation Requirements, Protocols and API Definitions (NGAC-IRPADS) (withdrawal of INCITS 525-2018)

Defines details necessary to ensure the functional architecture defined by the NGAC-FA project, and the entities defined by the NGAC-GOADS project, can be realized by a number of different types of implementation at a range of cost, performance points, and scalability levels. Both centralized and distributed implementations will be supported. Clean interfaces will be defined between the major components of the implementation to allow them to be procured separately but still provide the requisite level of cohesion and functionality at the system level. In some cases, different versions of an interface will be defined for use in different types of implementation.

Single copy price: \$60.00

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

Order from: <https://webstore.ansi.org/>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: [comments@standards.incits.org](mailto:comments@standards.incits.org)

## Comment Deadline: May 24, 2022

### UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Nicolette.A.Weeks@ul.org, <https://ul.org/>

#### **Revision**

BSR/UL 1191-202x, Standard for Components for Personal Flotation Devices (March 25, 2022) (revision of ANSI/UL 1191-2021)

This proposal covers: 1. Table 11.1 Webbing Correction.

Single copy price: Free

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

Order from: <http://www.shopulstandards.com>

Send comments (copy [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 | Nicolette.A.Weeks@ul.org, <https://ul.org/>

#### **Revision**

BSR/UL 2775-202x, Standard for Fixed Condensed Aerosol Extinguishing System Units (March 25, 2022) (revision of ANSI/UL 2775-2022)

This proposal covers: 1. Manual method of actuation for automatic extinguisher units.

Single copy price: Free

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

Order from: <http://www.shopulstandards.com>

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

### ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 | [LBauerschmidt@assp.org](mailto:LBauerschmidt@assp.org), [www.assp.org](http://www.assp.org)

#### **Revised Technical Report**

ASSP/ISO TR 31000-202x, Technical Report: Risk Management - A Practical Guide (revise technical report)

The aim of this handbook is to assist organizations seeking guidance on how to integrate risk management into their activities. The handbook therefore includes information on risk management principles, the framework, roles and responsibilities, planning, processes, communications, monitoring and review, and continual improvement.

## 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 | kcarlson@ahrinet.org, www.ahrinet.org

BSR/AHRI Standard 560 (I-P)-202x, Absorption Water Chilling and Water Heating Packages (new standard)  
Inquiries may be directed to Kristin Carlson; kcarlson@ahrinet.org

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201 | kcarlson@ahrinet.org, www.ahrinet.org

BSR/AHRI Standard 561 (SI)-202x, Absorption Water Chilling and Water Heating Packages (new standard)  
Inquiries may be directed to Kristin Carlson; kcarlson@ahrinet.org

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201 | kcarlson@ahrinet.org, www.ahrinet.org

BSR/AHRI Standard 575-202x, Method of Measuring Machinery Sound Within an Equipment Space (new standard)  
Inquiries may be directed to Kristin Carlson; kcarlson@ahrinet.org

### **ASTM (ASTM International)**

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 | accreditation@astm.org, www.astm.org

BSR/ASTM F1483-202x, Specification for Oriented Poly(Vinyl Chloride), PVCO, Pressure Pipe (revision of ANSI/ASTM F1483-2017)  
Inquiries may be directed to Laura Klineburger; accreditation@astm.org

### **ASTM (ASTM International)**

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 | accreditation@astm.org, www.astm.org

BSR/ASTM F1483-2017 (R202x), Specification for Oriented Poly(Vinyl Chloride), PVCO, Pressure Pipe (reaffirmation of ANSI/ASTM F1483-2017)  
Inquiries may be directed to Laura Klineburger; accreditation@astm.org

### **ASTM (ASTM International)**

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 | accreditation@astm.org, www.astm.org

BSR/ASTM WK72409-202x, Test Methods for Measuring Impact Attenuation Characteristics of Helmets Under Induced Rotational Loading (new standard)  
Inquiries may be directed to Laura Klineburger; accreditation@astm.org

## **Project Withdrawn**

### **ASTM (ASTM International)**

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

BSR/ASTM WK77984-202x, Specification for Physical Properties of Polyethylene Plastic Drainage Pipe and Fittings (new standard)

Inquiries may be directed to Laura Klineburger; [accreditation@astm.org](mailto:accreditation@astm.org)

### **ECIA (Electronic Components Industry Association)**

13873 Park Center Road, Suite 315, Herndon, VA 20171 | [ldonohoe@ecianow.org](mailto:ldonohoe@ecianow.org), [www.ecianow.org](http://www.ecianow.org)

BSR/EIA 364-31G-202x, Humidity Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-31F-2019)

Inquiries may be directed to Laura Donohoe; [ldonohoe@ecianow.org](mailto:ldonohoe@ecianow.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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## **ASME (American Society of Mechanical Engineers)**

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 | ansibox@asme.org, www.asme.org

### **Revision**

ANSI/ASME Y14.8-2022, Castings, Forgings and Molded Parts (revision of ANSI/ASME Y14.8-2009 (R2014)) Final Action Date: 3/17/2022

## **ASTM (ASTM International)**

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 | accreditation@astm.org, www.astm.org

### **New Standard**

ANSI/ASTM D4495-2021, Test Method for Impact Resistance of Poly(Vinyl Chloride) (PVC) Rigid Profiles by Means of a Falling Weight (new standard) Final Action Date: 2/22/2022

### **New Standard**

ANSI/ASTM E1386-2015, Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Solvent Extraction (new standard) Final Action Date: 12/23/2021

## **AWI (Architectural Woodwork Institute)**

46179 Westlake Drive, Suite 120, Potomac Falls, VA 20165-5874 | cdermyre@awinet.org, www.awinet.org

### **New Standard**

ANSI/AWI 1232-2022, Manufactured Wood Casework (new standard) Final Action Date: 3/11/2022

## **ECIA (Electronic Components Industry Association)**

13873 Park Center Road, Suite 315, Herndon, VA 20171 | idonohoe@ecianow.org, www.ecianow.org

### **National Adoption**

ANSI/EIA 60384-13-2022, Fixed capacitors for use in electronic equipment - Part 13: Sectional specification - Fixed polypropylene film dielectric metal foil d.c. capacitors (identical national adoption of IEC 60384-13:2020 Edition 5.0) Final Action Date: 3/11/2022

## **HL7 (Health Level Seven)**

3300 Washtenaw Avenue, Suite 227, Ann Arbor, MI 48104 | Karenvan@HL7.org, www.hl7.org

### **Reaffirmation**

ANSI/HL7 EHRXPVFP, R1-2012 (R2022), HL7 EHR-System Pharmacist/Pharmacy Provider Functional Profile, Release 1- US Realm (reaffirmation of ANSI/HL7 EHRXPVFP, R1-2012 (R2017)) Final Action Date: 3/15/2022

## **NENA (National Emergency Number Association)**

1700 Diagonal Road, Suite 500, Alexandria, VA 22314 | darnold@nena.org, www.nena.org

### **New Standard**

ANSI/NENA STA.002.2-2022, NENA Standard for Engaging with Mental Health Professionals (new standard) Final Action Date: 3/14/2022

### **New Standard**

ANSI/NENA STA-017.1-2022, Changing Role of the Telecommunicator in the NG9-1-1 Environment (new standard) Final Action Date: 3/14/2022

**NENA (National Emergency Number Association)**

1700 Diagonal Road, Suite 500, Alexandria, VA 22314 | darnold@nena.org, www.nena.org

**New Standard**

ANSI/NENA STA-034.1-2022, NENA Legacy Selective Router Gateway Standard (new standard) Final Action Date: 3/17/2022

**New Standard**

ANSI/NENA STA-041.1-2022, NENA Standard for Telecommunicator Cardiopulmonary Resuscitation (T-CPR) (new standard) Final Action Date: 3/17/2022

**NSF (NSF International)**

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | arose@nsf.org, www.nsf.org

**Revision**

ANSI/NSF 2-2022 (i32r3), Food Equipment (revision of ANSI/NSF 2-2019) Final Action Date: 3/13/2022

**Revision**

ANSI/NSF/CAN 61-2022 (i160r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2021) Final Action Date: 3/15/2022

**SCTE (Society of Cable Telecommunications Engineers)**

140 Philips Rd, Exton, PA 19341 | kcooney@scte.org, www.scte.org

**New Standard**

ANSI/SCTE 275-2021, Electrical Grounding and Bonding for Cable Broadband Network Critical Facilities (new standard) Final Action Date: 3/18/2022

**SDI (ASC A250) (Steel Door Institute)**

30200 Detroit Road, Westlake, OH 44145 | leh@wherryassoc.com, www.wherryassocsteeldoor.org

**Revision**

ANSI A250.11-2022, Recommended Erection Instructions for Steel Frames (revision of ANSI A250.11-2012) Final Action Date: 3/17/2022

**UL (Underwriters Laboratories)**

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Annabelle.Hollen@ul.org, https://ul.org/

**Reaffirmation**

ANSI/UL 305-2012 (R2022), Standard for Panic Hardware (reaffirmation of ANSI/UL 305-2012 (R2017)) Final Action Date: 3/16/2022

**Reaffirmation**

ANSI/UL 1004-6-2012 (R2022), Standard for Safety for Servo and Stepper Motors (reaffirmation of ANSI/UL 1004-6-2012 (R2017)) Final Action Date: 3/17/2022

**Reaffirmation**

ANSI/UL 920401, Part 1-2007 (R2022), Standard for Safety for Performance Requirements for Instruments Used to Detect Oxygen-Deficient/Oxygen-Enriched Atmospheres (reaffirmation of ANSI/UL 920401, Part 1-2007 (R2017)) Final Action Date: 3/15/2022

**Revision**

ANSI/UL 13-2022, Standard for Safety for Power-Limited Circuit Cables (revision of ANSI/UL 13-2020) Final Action Date: 3/18/2022

**UL (Underwriters Laboratories)**

47173 Benicia Street, Fremont, CA 94538 | Derrick.L.Martin@ul.org, <https://ul.org/>

**Revision**

ANSI/UL 94-2022, Standard for Safety for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2021) Final Action Date: 3/11/2022

**Revision**

ANSI/UL 201-2022, Standard for Safety for Garage Equipment (revision of ANSI/UL 201-2021) Final Action Date: 3/18/2022

**Revision**

ANSI/UL 263-2022, Standard for Fire Tests of Building Construction and Materials (April 30, 2021) (revision of ANSI/UL 263-2021) Final Action Date: 3/14/2022

**Revision**

ANSI/UL 719-2022, Standard for Nonmetallic Sheathed Cable (December 10, 2021) (revision of BSR/UL 719-202x) Final Action Date: 3/18/2022

**Revision**

ANSI/UL 962A-2022, Standard for Safety for Furniture Power Distribution Units (revision of ANSI/UL 962A-2020) Final Action Date: 3/17/2022

**Revision**

ANSI/UL 1090-2022, Standard for Safety for Electric Snow Movers (revision of ANSI/UL 1090-2020) Final Action Date: 3/14/2022

**Revision**

ANSI/UL 2442-2022, Standard for Safety for Wall and Ceiling Mounts and Accessories (revision of ANSI/UL 2442-2019) Final Action Date: 3/14/2022

**Revision**

ANSI/UL 4600-2022, Standard for Safety for the Evaluation of Autonomous Products (revision of ANSI/UL 4600-2020) Final Action Date: 3/15/2022

**VITA (VMEbus International Trade Association (VITA))**

929 W. Portobello Avenue, Mesa, AZ 85210 | jing.kwok@vita.com, [www.vita.com](http://www.vita.com)

**Reaffirmation**

ANSI/VITA 63.0-2015 (R2022), Hyperboloid Alternative Connector for VPX (reaffirmation and redesignation of ANSI/VITA 63-2015) Final Action Date: 3/15/2022

**WMMA (ASC 01) (Wood Machinery Manufacturers of America)**

2331 Rock Spring Road, Forest Hill, MD 21050 | nikki@wmma.org, [www.wmma.org](http://www.wmma.org)

**Reaffirmation**

ANSI/WMMA 01.1-1-2015 (R2022), Safety Requirements for Fixed Angle Jump Saws (reaffirmation of ANSI/WMMA 01.1-1-2015) Final Action Date: 3/18/2022

**Reaffirmation**

ANSI/WMMA 01.1-3-2014 (R2022), Safety Requirements for CNC Machining Centers for the Woodworking Industry (reaffirmation of ANSI/WMMA 01.1-3-2014) Final Action Date: 3/18/2022



**WMMA (ASC 01) (Wood Machinery Manufacturers of America)**

2331 Rock Spring Road, Forest Hill, MD 21050 | nikki@wmma.org, www.wmma.org

***Reaffirmation***

ANSI/WMMA 01.1-4-2015 (R2022), Safety Requirements for Shapers (reaffirmation of ANSI/WMMA 01.1-4-2015)

Final Action Date: 3/18/2022

# Call for Members (ANS Consensus Bodies)

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

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## 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 interested 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 underrepresented categories:

- Producer-Software
- Producer-Hardware
- Distributor
- Service Provider
- Users
- Consultants
- Government
- SDO and Consortia Groups
- Academia
- General Interest

## 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).

# Call for Members (ANS Consensus Bodies)

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## **ANSI Accredited Standards Developer**

### **CSA - CSA America Standards Inc.**

**Teleconference - May 16, 2022 from 1 p.m. to 4 p.m. EST**

CSA Group will hold the Fuel Cell Technical Committee meeting by teleconference on May 16, 2022 from 1 p.m. to 4 p.m. EST. For more information on the meeting and the agenda, contact Mark Duda at [mark.duda@csagroup.org](mailto:mark.duda@csagroup.org).

Guests planning to attend the meeting are required to notify the project manager listed below in advance of the meeting, and provide a brief explanation of interest. If you wish to present specific comments on an item of business, you are required to notify the project manager in writing no later than April 6, 2021. Notification shall include any material proposed for presentation to the Technical Committee. For information, please contact Project Manager, Mark Duda at [mark.duda@csagroup.org](mailto:mark.duda@csagroup.org).

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

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | [jallen@aami.org](mailto:jallen@aami.org), [www.aami.org](http://www.aami.org)

BSR/AAMI ST108-202x, Water for the processing of medical devices (new standard)

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

613 Third Street, Suite 10, Annapolis, MD 21403 | [bgoodwin@abycinc.org](mailto:bgoodwin@abycinc.org), [www.abycinc.org](http://www.abycinc.org)

BSR/ABYC H-8-202x, Buoyancy In the Event of Flooding/Swamping (revision of ANSI/ABYC H-8-2017)

Seeking consensus body members who identify as specialist service to the marine industry.

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

613 Third Street, Suite 10, Annapolis, MD 21403 | [bgoodwin@abycinc.org](mailto:bgoodwin@abycinc.org), [www.abycinc.org](http://www.abycinc.org)

BSR/ABYC P-23-202x, Mechanical Steering and Propulsion Controls for Jet Boats (revision of ANSI/ABYC P-23-2017)

Seeking consensus body members who identify as insurance/survey in the marine industry.

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

613 Third Street, Suite 10, Annapolis, MD 21403 | [bgoodwin@abycinc.org](mailto:bgoodwin@abycinc.org), [www.abycinc.org](http://www.abycinc.org)

BSR/ABYC S-32-202x, Warnings and Safety Signs for Boats (new standard)

Seeking consensus body members who identify as specialist service to the marine industry.

### **AGMA (American Gear Manufacturers Association)**

1001 N Fairfax Street, 5th Floor, Alexandria, VA 22314-1587 | [tech@agma.org](mailto:tech@agma.org), [www.agma.org](http://www.agma.org)

BSR/AGMA 9008-B99 (R202x), Flexible Couplings - Gear Type - Flange Dimensions, Inch Series (reaffirmation of ANSI/AGMA 9008-B99 (R2017))

### **AGMA (American Gear Manufacturers Association)**

1001 N Fairfax Street, 5th Floor, Alexandria, VA 22314-1587 | [tech@agma.org](mailto:tech@agma.org), [www.agma.org](http://www.agma.org)

BSR/AGMA 9104-2006 (R202x), Flexible Couplings - Mass Elastic Properties and Other Characteristics (Metric Edition) (reaffirmation of ANSI/AGMA 9104-2006 (R2017))

# Call for Members (ANS Consensus Bodies)

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

520 N. Northwest Highway, Park Ridge, IL 60068 | [TFisher@ASSP.org](mailto:TFisher@ASSP.org), [www.assp.org](http://www.assp.org)

BSR/ASSP A10.39-202X, Construction Safety & Health Audit Program (revision and redesignation of ANSI/ASSE A10.39-1996 (R2017))

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

520 N. Northwest Highway, Park Ridge, IL 60068 | [TFisher@ASSP.org](mailto:TFisher@ASSP.org), [www.assp.org](http://www.assp.org)

BSR/ASSP A10.39-202X, Construction Safety & Health Audit Program (revision and redesignation of ANSI/ASSE A10.39-1996 (R2017))

## **CTA (Consumer Technology Association)**

1919 S. Eads Street, Arlington, VA 22202 | [cakers@cta.tech](mailto:cakers@cta.tech), [www.cta.tech](http://www.cta.tech)

BSR/CTA 2006-D-202x, Testing and Measurement Methods for In-Vehicle Audio Amplifiers (revision and redesignation of ANSI/CTA 2006-C-2019)

CTA is seeking new members to join the consensus body. CTA and the R3 Audio Systems Committee are particularly interested in adding new members (called "users") who acquire audio products from those who create them, and in adding new members who neither produce nor use audio products, such as regulators, associations, and others (called members with a "general interest").

## **CTA (Consumer Technology Association)**

1919 S. Eads Street, Arlington, VA 22202 | [cakers@cta.tech](mailto:cakers@cta.tech), [www.cta.tech](http://www.cta.tech)

BSR/CTA 2015-2007 (S202x), Mobile Electronics Cabling Standard (stabilized maintenance of ANSI/CTA 2015-2007 (R2017))

CTA is seeking new members to join the consensus body. CTA and the R3 Audio Systems Committee are particularly interested in adding new members (called "users") who acquire audio products from those who create them, and in adding new members who neither produce nor use audio products, such as regulators, associations, and others (called members with a "general interest").

## **CTA (Consumer Technology Association)**

1919 S. Eads Street, Arlington, VA 22202 | [cakers@cta.tech](mailto:cakers@cta.tech), [www.cta.tech](http://www.cta.tech)

BSR/CTA 2113-202x, Best Practices and Recommendations for Telehealth Solutions (new standard)

CTA is seeking new members to join the consensus body. CTA and the R11 Health, Fitness & Wellness Committee are particularly interested in adding new members (called "users") who acquire health, fitness and wellness products. from those who create them, and in adding new members who neither produce nor use health, fitness or wellness products, and others (called members with a "general interest").

## **NEMA (ASC C29) (National Electrical Manufacturers Association)**

13 North 17th Street, Suite 900, Rosslyn, VA 22209 | [pau\\_orr@nema.org](mailto:pau_orr@nema.org), [www.nema.org](http://www.nema.org)

BSR/NEMA C29.7-202X, Wet-Process Porcelain Insulators - High-Voltage Line Post-Type (revision of ANSI/NEMA C29.7-2015)

# Call for Members (ANS Consensus Bodies)

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## **NSF (NSF International)**

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | arose@nsf.org, www.nsf.org

BSR/NSF 49-202x (i142r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2020)

## **NSF (NSF International)**

789 N. Dixboro Road, Ann Arbor, MI 48105 | mmilla@nsf.org, www.nsf.org

BSR/NSF 244-202x (i15r2), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2021)

## **NSF (NSF International)**

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | jsnider@nsf.org, www.nsf.org

BSR/NSF 245-202x (i28r1), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2020)

## **NSF (NSF International)**

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | jsnider@nsf.org, www.nsf.org

BSR/NSF/CAN 50-202x (i140r6), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)

## **SCTE (Society of Cable Telecommunications Engineers)**

140 Philips Rd, Exton, PA 19341 | kcooney@scte.org, www.scte.org

BSR/SCTE 23-1-2017 (R202x), DOCSIS 1.1 Part 1: Radio Frequency Interface (reaffirmation of ANSI/SCTE 23-1-2017)

## **SCTE (Society of Cable Telecommunications Engineers)**

140 Philips Rd, Exton, PA 19341 | kcooney@scte.org, www.scte.org

BSR/SCTE 24-21-202x, BV16 Speech Codec Specification for Voice over IP Applications in Cable Telephony (revision of ANSI/SCTE 24-21-2017)

## **SCTE (Society of Cable Telecommunications Engineers)**

140 Philips Rd, Exton, PA 19341 | kcooney@scte.org, www.scte.org

BSR/SCTE 135-05-202x, DOCSIS 3.0 Part 5: Cable Modem to Customer Premise Equipment Interface (revision of ANSI/SCTE 135-5-2017)

## **SCTE (Society of Cable Telecommunications Engineers)**

140 Philips Rd, Exton, PA 19341 | kcooney@scte.org, www.scte.org

BSR/SCTE 165-16-202x, IPCablecom 1.5 Part 16: Management Event Mechanism (revision of ANSI/SCTE 165-16-2016)

# American National Standards (ANS) Announcements

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## Corrections

### UL - Underwriters Laboratories

**Call for Comment listed as BSR/UL 283-202x should have been identified as BSR/UL 827-202x**

The 3/11/2022, Call for Comment notice for UL 283 mistakenly referenced an incorrect Designation

This public review notice should have been identified as follows:

BSR/UL 827-202x, Standard for Central-Station Alarm Services (proposal dated 08-27-21)

(revision of ANSI/UL 283-2021)

Please direct inquiries to: Wathma Jayathilake; Wathma.Jayathilake@ul.org

## Accreditation Announcements (Standards Developers)

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### Approval of Reccreditation – ASD

#### ASNT - American Society for Nondestructive Testing

Effective March 22, 2022

The reaccreditation of **ASNT - American Society for Nondestructive Testing** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ASNT-sponsored American National Standards, effective **March 22, 2022**. For additional information, please contact: Brian Frye, American Society for Nondestructive Testing (ASNT) | 1711 Arlingate Lane, Columbus, OH 43228 | (614) 384-2468, [bfrye@asnt.org](mailto:bfrye@asnt.org)

### Approval of Reccreditation – ASD

#### CPA - Composite Panel Association

Effective March 3, 2022

The reaccreditation of **CPA - Composite Panel Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on CPA-sponsored American National Standards, effective **March 3, 2022**. For additional information, please contact: Gary Heroux, Composite Panel Association (CPA) | 19465 Deerfield Avenue, Suite 306, Leesburg, VA 20176 | (301) 606-6740, [gheroux@cpamail.org](mailto:gheroux@cpamail.org)

### Approval of Reccreditation – ASD

#### MTConnect - MTConnect Institute

Effective March 18, 2022

The reaccreditation of **MTConnect - MTConnect Institute** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on MTConnect-sponsored American National Standards, effective **March 18, 2022**. For additional information, please contact: Russell Waddell, MTConnect Institute (MTConnect) | 7901 Jones Branch Drive, Suite 900, McLean, VA 22102 | (571) 318-7522, [rwaddell@amtonline.org](mailto:rwaddell@amtonline.org)

## **Accreditation Announcements (Standards Developers)**

### **Public Review of Revised ASD Operating Procedures**

#### **IEEE - Institute of Electrical and Electronics Engineers**

**Comment Deadline: March 27, 2022**

The IEEE - Institute of Electrical and Electronics Engineers, an ANSI Member and Accredited Standards Developer, has submitted revisions to its currently accredited IEEE-SA Standards Board Operations Manual and IEEE-SA Standards Board Bylaws for documenting consensus on IEEE-sponsored American National Standards, under which it was last reaccredited in 2021. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: David Ringle, Institute of Electrical and Electronics Engineers (IEEE) | 445 Hoes Lane, Piscataway, NJ 08854-4141 | (732) 562-3806, [d.ringle@ieee.org](mailto:d.ringle@ieee.org)

[Click here to view/download a copy of the revisions during the public review period.](#)

Please submit any public comments on the revised procedures to IEEE by March 28, 2022, with a copy to the ExSC Recording Secretary in ANSI's New York Office ([jthompso@ANSI.org](mailto:jthompso@ANSI.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)

## 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)
  - Home Innovation (Home Innovation Research Labs)
  - IES (Illuminating Engineering Society)
  - ITI (InterNational Committee for Information Technology Standards)
  - MHI (Material Handling Industry)
  - NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
  - NCPDP (National Council for Prescription Drug Programs)
  - NEMA (National Electrical Manufacturers Association)
  - NFRC (National Fenestration Rating Council)
  - 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 (ASD) Contacts

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment, Call for Members 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 the PSA Department at [psa@ansi.org](mailto:psa@ansi.org).

## AAFS

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

Teresa Ambrosius  
[tambrosius@aafs.org](mailto:tambrosius@aafs.org)

## AAMI

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

Jody Allen  
[jallen@aami.org](mailto:jallen@aami.org)

## ABYC

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

Brian Goodwin  
[bgoodwin@abycinc.org](mailto:bgoodwin@abycinc.org)

## AGMA

American Gear Manufacturers Association  
1001 N Fairfax Street, 5th Floor  
Alexandria, VA 22314  
[www.agma.org](http://www.agma.org)

Amir Aboutaleb  
[tech@agma.org](mailto:tech@agma.org)

## ANS

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

Kathryn Murdoch  
[kmurdoch@ans.org](mailto:kmurdoch@ans.org)

## ASHRAE

American Society of Heating, Refrigerating  
and Air-Conditioning Engineers, Inc.  
180 Technology Parkway  
Peachtree Corners, GA 30092  
[www.ashrae.org](http://www.ashrae.org)

Ryan Shanley  
[rshanley@ashrae.org](mailto:rshanley@ashrae.org)

## ASME

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

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

## ASSP (Safety)

American Society of Safety Professionals  
520 N. Northwest Highway  
Park Ridge, IL 60068  
[www.assp.org](http://www.assp.org)

Lauren Bauerschmidt  
[LBauerschmidt@assp.org](mailto:LBauerschmidt@assp.org)

Tim Fisher  
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## ASTM

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

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

## AWI

Architectural Woodwork Institute  
46179 Westlake Drive, Suite 120  
Potomac Falls, VA 20165  
[www.awinet.org](http://www.awinet.org)

Cheryl Dermyre  
[cdermyre@awinet.org](mailto:cdermyre@awinet.org)

## CSA

CSA America Standards Inc.  
8501 East Pleasant Valley Road  
Cleveland, OH 44131  
[www.csagroup.org](http://www.csagroup.org)

Debbie Chesnik  
[ansi.contact@csagroup.org](mailto:ansi.contact@csagroup.org)

## CTA

Consumer Technology Association  
1919 S. Eads Street  
Arlington, VA 22202  
[www.cta.tech](http://www.cta.tech)

Catrina Akers  
[cakers@cta.tech](mailto:cakers@cta.tech)

## ECIA

Electronic Components Industry  
Association  
13873 Park Center Road, Suite 315  
Herndon, VA 20171  
[www.ecianow.org](http://www.ecianow.org)

Laura Donohoe  
[ldonohoe@ecianow.org](mailto:ldonohoe@ecianow.org)

## FM

FM Approvals  
1151 Boston-Providence Turnpike  
Norwood, MA 02062  
[www.fmglobal.com](http://www.fmglobal.com)

Josephine Mahnken  
[josephine.mahnken@fmapprovals.com](mailto:josephine.mahnken@fmapprovals.com)

## HL7

Health Level Seven  
3300 Washtenaw Avenue, Suite 227  
Ann Arbor, MI 48104  
[www.hl7.org](http://www.hl7.org)

Karen Van Hentenryck  
[Karenvan@HL7.org](mailto:Karenvan@HL7.org)

## IIAR

International Institute of Ammonia  
Refrigeration  
1001 North Fairfax Street  
Alexandria, VA 22314  
[www.iiar.org](http://www.iiar.org)

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

## ITI (INCITS)

InterNational Committee for Information  
Technology Standards  
700 K Street NW, Suite 600  
Washington, DC 20001  
[www.incits.org](http://www.incits.org)

## ANSI-Accredited Standards Developers Contact Information

Kim Quigley  
kquigley@itic.org

**ITSDF**

Industrial Truck Standards Development  
Foundation, Inc.  
1750 K Street NW, Suite 460  
Washington, DC 20006  
www.indtrk.org

Chris Merther  
chris.merther@itsdf.org

**NEMA (ASC C12)**

National Electrical Manufacturers  
Association  
1300 North 17th Street, Suite 900  
Rosslyn, VA 22209  
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Paul Orr  
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**NEMA (ASC C29)**

National Electrical Manufacturers  
Association  
13 North 17th Street, Suite 900  
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Paul Orr  
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**NEMA (ASC C8)**

National Electrical Manufacturers  
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1300 North 17th Street, Suite 900  
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Khaled Masri  
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**NENA**

National Emergency Number Association  
1700 Diagonal Road, Suite 500  
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www.nena.org

Delaine Arnold  
darnold@nena.org

**NFPA**

National Fire Protection Association  
One Batterymarch Park  
Quincy, MA 02169  
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**NFPA**

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Patrick Foley  
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**NICA**

National Infusion Center Association  
3307 Northland Drive, Suite 160  
Austin, TX 78731  
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**NSF**

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**SAAMI**

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**SCTE**

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Kim Cooney  
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**SDI (ASC A250)**

Steel Door Institute  
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www.wherryassocsteeldoor.org

Linda Hamill  
leh@wherryassoc.com

**TIA**

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Arlington, VA 22201  
www.tiaonline.org

Teesha Jenkins  
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**UL**

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**UL**

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Linda.L.Phinney@ul.org

**VITA**

VMEbus International Trade Association  
(VITA)  
929 W. Portobello Avenue  
Mesa, AZ 85210  
[www.vita.com](http://www.vita.com)

Jing Kwok  
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**WMMA (ASC 01)**

Wood Machinery Manufacturers of  
America  
2331 Rock Spring Road  
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[www.wmma.org](http://www.wmma.org)

Nikki Augsburg  
nikki@wmma.org



# ISO & IEC Draft International Standards

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

## COMMENTS

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

### Agricultural food products (TC 34)

ISO/DIS 734, Oilseed meals - Determination of oil content - Extraction method with hexane (or light petroleum) - 1/15/2022, \$46.00

ISO/DIS 7218, Microbiology of the food chain - General requirements and guidance for microbiological examinations - 6/2/2022, \$155.00

ISO/DIS 12872, Olive oils and olive-pomace oils - Determination of the 2-glyceryl monopalmitate content - 1/15/2022, \$62.00

### Aircraft and space vehicles (TC 20)

ISO/DIS 24355, General requirements of flight control system for civil small and light multirotor UAS - 1/16/2022, \$46.00

ISO/DIS 14624-1, Space systems - Safety and compatibility of materials - Part 1: Determination of upward flammability of materials - 6/2/2022, \$88.00

ISO/DIS 14624-2, Space systems - Safety and compatibility of materials - Part 2: Determination of flammability of electrical-wire insulation and accessory materials - 6/2/2022, \$82.00

### Anaesthetic and respiratory equipment (TC 121)

ISO/FDIS 16628, Anaesthetic and respiratory equipment - Tracheobronchial tubes - 1/10/2020, \$62.00

ISO/FDIS 18778, Respiratory equipment - Particular requirements for basic safety and essential performance of infant cardiorespiratory monitors - 2/25/2021, \$125.00

### Corrosion of metals and alloys (TC 156)

ISO/DIS 10062, Corrosion tests in artificial atmosphere at very low concentrations of polluting gas(es) - 1/16/2022, \$58.00

### Dentistry (TC 106)

ISO/DIS 3630-4, Dentistry - Endodontic instruments - Part 4: Auxiliary instruments - 1/16/2022, \$77.00

### Earth-moving machinery (TC 127)

ISO/DIS 6011, Earth-moving machinery - Visual display of machine operation - 6/5/2022, \$53.00

### Environmental management (TC 207)

ISO/FDIS 14015, Environmental management - Guidelines for environmental due diligence assessment - 7/9/2021, \$88.00

### Ergonomics (TC 159)

ISO/DIS 25062, Systems and software engineering - Systems and Software Quality Requirements and Evaluation (SQuaRE) - Common Industry Format (CIF) for usability: Quantitative usability test report - 1/16/2022, \$82.00

### Essential oils (TC 54)

ISO/DIS 210, Essential oils - General rules for packaging, conditioning and storage - 6/3/2022, \$46.00

ISO/DIS 211, Essential oils - General rules for labelling and marking of containers - 6/3/2022, \$33.00

**Ferroalloys (TC 132)**

ISO/FDIS 4298, Manganese ores and concentrates - Determination of manganese content - Potentiometric method - 12/3/2020, \$58.00

**Fine ceramics (TC 206)**

ISO/FDIS 20507, Fine ceramics (advanced ceramics, advanced technical ceramics) - Vocabulary - 3/8/2021, \$107.00

**Gas cylinders (TC 58)**

ISO/FDIS 23876, Gas cylinders - Cylinders and tubes of composite construction - Acoustic emission examination (AT) for periodic inspection and testing - 1/28/2021, \$67.00

**Graphic technology (TC 130)**

ISO/FDIS 19445, Graphic technology - Metadata for graphic arts workflow - XMP metadata for image and document proofing - \$53.00

**Human resource management (TC 260)**

ISO/DIS 30435, Human resource management - Workforce data quality - 6/5/2022, \$62.00

**Industrial automation systems and integration (TC 184)**

ISO/DIS 8000-51, Data quality - Part 51: Data governance: Exchange of data policy statements - 1/15/2022, \$46.00

ISO/DIS 8000-117, Data quality - Part 117: Application of ISO 8000-115 to identifiers in distributed ledgers including blockchains - 1/15/2022, \$40.00

**Light metals and their alloys (TC 79)**

ISO/DIS 7209, Titanium and titanium alloys - Plate, sheet and strip - Technical delivery conditions - 6/2/2022, \$67.00

ISO/DIS 7217, Titanium and titanium alloys - Bar, rod and billet - Technical delivery conditions - 6/2/2022, \$62.00

**Machine tools (TC 39)**

ISO/DIS 6779, Test conditions for vertical internal type broaching machines - Testing of accuracy - 6/3/2022, \$71.00

**Materials, equipment and offshore structures for petroleum and natural gas industries (TC 67)**

ISO/DIS 16961, Petroleum, petrochemical and natural gas industries - Internal coating and lining of steel storage tanks - 1/14/2022, \$107.00

ISO/FDIS 19901-2, Petroleum and natural gas industries - Specific requirements for offshore structures - Part 2: Seismic design procedures and criteria - 12/8/2019, \$125.00

**Measurement of fluid flow in closed conduits (TC 30)**

ISO/FDIS 9300, Measurement of gas flow by means of critical flow nozzles - 5/20/2021, \$175.00

ISO/FDIS 5167-1, Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 1: General principles and requirements - 5/9/2021, \$112.00

ISO/FDIS 5167-2, Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 2: Orifice plates - 5/10/2021, \$125.00

**Metallic and other inorganic coatings (TC 107)**

ISO/FDIS 4528, Vitreous and porcelain enamel finishes - Selection of test methods for vitreous and porcelain enamelled areas of articles - 3/12/2021, \$62.00

**Nuclear energy (TC 85)**

ISO/DIS 20045, Measurement of the radioactivity in the environment - Air: tritium - Test Method using bubbler sampling - 1/20/2022, \$102.00

**Other**

ISO/DIS 11936, Leather - Determination of total content of certain bisphenols - 6/5/2022, \$46.00

**Paints and varnishes (TC 35)**

ISO/DIS 22553-15, Paints and varnishes - Electro-deposition coatings - Part 15: Permeate residues - 1/14/2022, \$40.00

ISO/DIS 22553-16, Paints and varnishes - Electro-deposition coatings - Part 16: Pigment-binder ratio - 1/14/2022, \$33.00

**Photography (TC 42)**

ISO/DIS 18937-1, Imaging materials - Photographic reflection prints - Methods for measuring indoor light stability - Part 1: General guidance - Part 1: General guidance - 1/20/2022, \$67.00

ISO/DIS 22028-3, Photography and graphic technology - Extended colour encodings for digital image storage, manipulation and interchange - Part 3: Reference input medium metric RGB colour image encoding (RIMM RGB) - 6/2/2022, \$82.00

**Plain bearings (TC 123)**

ISO/FDIS 20054, Plain bearings - Bearings containing dispersed solid lubricants -, \$58.00

**Plastics pipes, fittings and valves for the transport of fluids (TC 138)**

ISO/FDIS 13266, Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics shafts or risers for inspection chambers and manholes - Determination of resistance against surface and traffic loading - 1/20/2020, \$40.00

ISO/FDIS 13267, Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics inspection chamber and manhole bases - Test methods for buckling resistance - 1/20/2020, \$58.00

ISO/FDIS 13268, Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics shafts or risers for inspection chambers and manholes - Determination of ring stiffness - 1/20/2020, \$53.00

**Pulleys and belts (including veebelts) (TC 41)**

ISO/DIS 252, Conveyor belts - Adhesion between constitutive elements - Test methods - 6/4/2022, \$40.00

ISO/DIS 583, Conveyor belts with a textile carcass - Total belt thickness and thickness of constitutive elements - Test methods - 6/6/2022, \$53.00

**Road vehicles (TC 22)**

ISO/FDIS 4513, Road vehicles - Visibility - Method for establishment of eyellipses for drivers eye location - 2/24/2019, \$102.00

ISO/DIS 15830-4, Road vehicles - Design and performance specifications for the WorldSID 50th percentile male side impact dummy - Part 4: Users manual - 1/20/2022, \$134.00

**Rubber and rubber products (TC 45)**

ISO/DIS 23794, Rubber, vulcanized or thermoplastic - Abrasion testing - Guidance - 1/20/2022, \$67.00

**Safety of machinery (TC 199)**

ISO/DIS 14119.2, Safety of machinery - Interlocking devices associated with guards - Principles for design and selection - 1/16/2022, \$165.00

**Ships and marine technology (TC 8)**

ISO/DIS 23453, Ships and marine technology - Guidelines for the design and manufacture of the hub cap with fins for a fixed-pitch marine propeller - 1/14/2022, \$46.00

ISO/DIS 24569, Ships and marine technology - External firefighting system test method - 1/16/2022, \$46.00

**Surface chemical analysis (TC 201)**

ISO/FDIS 23729, Surface chemical analysis - Atomic force microscopy - Guideline for restoration procedure for atomic force microscopy images dilated by finite probe size - 2/11/2021, \$67.00

**Sustainable development in communities (TC 268)**

ISO/FDIS 37110, Sustainable cities and communities - Management requirements and recommendations for open data for smart cities and communities - Overview and general principles - 2/7/2021, \$46.00

ISO/FDIS 37181, Smart community infrastructures - Smart transportation by autonomous vehicles on public roads - 12/18/2020, \$53.00

ISO/FDIS 37182, Smart community infrastructures - Smart transportation for fuel efficiency and pollution emission reduction in bus transportation services - 3/7/2021, \$58.00

**Terminology (principles and coordination) (TC 37)**

ISO/FDIS 12199, Alphabetical ordering of multilingual terminological and lexicographical data represented in the Latin alphabet -, \$125.00

**Textiles (TC 38)**

ISO/DIS 5162, Textiles - Quality labelling specification for dehaired cashmere - 6/3/2022, \$62.00

ISO/DIS 9073-1, Nonwovens - Test methods - Part 1: Determination of mass per unit area - 6/5/2022, \$40.00

ISO/DIS 9073-3, Nonwovens - Test methods - Part 3: Determination of tensile strength and elongation at break using the strip method - 6/4/2022, \$53.00

**Timber (TC 218)**

ISO/DIS 4556, Wood raw parquet blocks - General characteristics - 6/6/2022, \$46.00

ISO/DIS 4561, Wood raw parquet blocks - Classification - 6/6/2022, \$46.00

ISO/DIS 4562, Wood parquet strips - Classification - 6/6/2022, \$46.00

**Tractors and machinery for agriculture and forestry (TC 23)**

ISO/DIS 3600, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Operators manuals - Content and format - 1/16/2022, \$58.00

**Valves (TC 153)**

ISO/DIS 5117, Automatic steam traps - Production and performance characteristic tests - 1/16/2022, \$98.00



**Water quality (TC 147)**

ISO/FDIS 23655-1, Water quality - Nickel-59 and nickel-63 - Part 1: Test method using liquid scintillation counting - 6/26/2020, \$82.00

ISO/FDIS 23655-2, Water quality - Nickel-59 and nickel-63 - Part 2: Test method using ICP-MS - 6/27/2020, \$67.00

**Water re-use (TC 282)**

ISO/DIS 22519, Membrane based generation of WFI - 1/20/2022, \$46.00

**Welding and allied processes (TC 44)**

ISO/DIS 24394, Welding for aerospace applications - Qualification test for welders and welding operators - Fusion welding of metallic components - 1/14/2022, \$102.00

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

ISO/IEC DIS 5087-1, Information technology - City data model - Part 1: Foundation level concepts - 1/16/2022, \$119.00

ISO/IEC DIS 11179-1, Information technology - Metadata registries (MDR) - Part 1: Framework - 6/2/2022, \$107.00

ISO/IEC DIS 11179-3, Information technology - Metadata registries (MDR) - Part 3: Metamodel for registry common facilities - 6/2/2022, \$165.00

ISO/IEC DIS 11179-6, Information technology - Metadata registries (MDR) - Part 6: Registration - 6/2/2022, \$125.00

ISO/IEC DIS 23093-3, Information technology - Internet of media things - Part 3: Media data formats and APIs - 11/20/2020, \$269.00

ISO/IEC DIS 23465-1, Card and security devices for personal identification - Programming interface for security devices - Part 1: Introduction and architecture description - 1/16/2022, \$82.00

ISO/IEC DIS 27036-3, Cybersecurity - Supplier relationships - Part 3: Guidelines for hardware, software, and services supply chain security - 6/4/2022, \$112.00

ISO/IEC DIS 11179-30, Information technology - Metadata registries (MDR) - Part 30: Basic attributes of metadata - 6/3/2022, \$53.00

ISO/IEC DIS 11179-31, Information technology - Metadata registries (MDR) - Part 31: Metamodel for data specification registration - 6/2/2022, \$155.00

ISO/IEC DIS 11179-32, Information technology - Metadata registries (MDR) - Part 32: Metamodel for concept system registration - 6/2/2022, \$146.00

ISO/IEC DIS 11179-33, Information technology - Metadata registries (MDR) - Part 33: Metamodel for data set registration - 6/3/2022, \$102.00

ISO/IEC DIS 11179-35, Information technology - Metadata registries (MDR) - Part 35: Metamodel for model registration - 6/3/2022, \$146.00

ISO/IEC/IEEE DIS 24748-9, Systems and software engineering - Life cycle management - Part 9: Application of system and software life cycle processes in epidemic prevention and control systems - 6/10/2022, \$112.00

ISO/IEC/IEEE DIS 24748-6, Systems and software engineering - Life cycle management - Part 6: System and software integration - 6/2/2022, \$112.00

**IEC Standards**

JTC1-SC25/3088/CD, ISO/IEC 18012-3 ED1: Information Technology?Home Electronic System?Guidelines for product interoperability?Part 3: Lexicon, 05/13/2022

JTC1-SC25/3089/CD, ISO/IEC 18012-4 ED1: Information Technology?Home Electronic System?Guidelines for product interoperability?Part 4: Event encoding, 05/13/2022

**All-or-nothing electrical relays (TC 94)**

94/670/FDIS, IEC 62314 ED2: Solid-state relays, 04/29/2022

**Cables, wires, waveguides, r.f. connectors, and accessories for communication and signalling (TC 46)**

46F/616/FDIS, IEC 60153-4 ED4: Hollow metallic waveguides - Part 4: Relevant specifications for circular waveguides, 04/29/2022

46/876/NP, PNW 46-876 ED1: Leaky waveguide Part1: Generic specification -General requirements and test methods, 06/10/2022

46A/1563/NP, PNW 46A-1563 ED1: COAXIAL COMMUNICATION CABLES-Part 1-127: Electrical test methods - Link loss of radiating cable, 06/10/2022

**Capacitors and resistors for electronic equipment (TC 40)**

40/2917A/CDV, IEC 60384-14 ED5: Fixed capacitors for use in electronic equipment - Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains, 05/06/2022

40/2924/CDV, IEC 60393-3 ED3: Potentiometers for use in electronic equipment - Part 3: Sectional specification: Rotary precision potentiometers, 06/10/2022

40/2934/CD, IEC 60938-2-1 ED2: Fixed inductors for electromagnetic interference suppression - Part 2-1: Blank detail specification - Inductors for which safety tests are required - Assessment level D, 06/10/2022

### Electrical equipment in medical practice (TC 62)

62C/833/NP, PNW 62C-833 ED1: Calibration and quality control in the use of radionuclide calibrators, 06/10/2022

62C/835/NP, PNW 62C-835 ED1: Medical electrical equipment - Particular requirements for the basic safety and essential performance of neutron capture therapy equipment, 06/10/2022

### Electroacoustics (TC 29)

29/1118/FDIS, IEC 60318-7 ED1: Electroacoustics - Simulators of human head and ear - Part 7: Head and torso simulator for the measurement of sound sources close to the ear, 04/29/2022

### Electrostatics (TC 101)

101/657/CD, IEC 61340-5-1 ED3: Electrostatics - Part 5-1: Protection of electronic devices from electrostatic phenomena - General requirements, 06/10/2022

101/658/CD, IEC TS 61340-5-4 ED2: Electrostatics - Part 5-4: Protection of electronic devices from electrostatic phenomena - Compliance verification, 06/10/2022

101/659/NP, PNW TS 101-659 ED1: Electrostatics - Part 5-6: Protection of electronic devices from electrostatic phenomena - Process Assessment Techniques, 06/10/2022

### Fibre optics (TC 86)

86A/2189(F)/FDIS, IEC 60794-3-40 ED2: Optical fibre cables - Part 3-40: Outdoor cables - Family specification for cables for storm and sanitary sewers, 04/01/2022

### Fire hazard testing (TC 89)

89/1554/DTS, IEC TS 60695-2-21 ED1: Fire hazard testing - Part 2-21: Glowing/hot-wire based test methods - Fire containment test on finished units, 06/10/2022

### Fluids for electrotechnical applications (TC 10)

10/1165/CD, IEC 60422 ED5: Mineral insulating oils in electrical equipment - Supervision and maintenance guidance, 06/10/2022

10/1166/CD, IEC 63360 ED1: Fluids for electrotechnical application: Mixtures of gases alternative to SF<sub>6</sub>, 06/10/2022

### Fuses (TC 32)

32B/716/CDV, IEC 60269-4/AMD3 ED5: Amendment 3 - Low-voltage fuses - Part 4: Supplementary requirements for fuse-links for the protection of semiconductor devices, 06/10/2022

### High-voltage testing techniques (TC 42)

42/403/CD, IEC 60060-1 ED4: High-voltage test techniques - Part 1: General definitions and test requirements, 05/13/2022

### Hydraulic turbines (TC 4)

4/432/CDV, IEC 63132-5 ED1: Guide for installation procedures and tolerances of hydroelectric machines - Part 5: Bulb turbines and generators, 06/10/2022

4/431/CDV, IEC/IEEE 63198-2775 ED1: Technical Guide for Smart Hydroelectric Power Plant, 06/10/2022

### Industrial electroheating equipment (TC 27)

27/1147/CD, IEC/IEEE 62395-1 ED1: Electrical resistance trace heating systems for industrial and commercial applications - Part 1: General and testing requirements, 06/10/2022

27/1148/CD, IEC/IEEE 62395-2 ED1: Electrical resistance trace heating systems for industrial and commercial applications - Part 2: Application guide for system design, installation and maintenance, 06/10/2022

### Industrial-process measurement and control (TC 65)

65/914/CDV, IEC 61010-2-203 ED1: Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-203: Particular requirements for industrial communication circuits and communication port interconnection, 06/10/2022

65B/1218/FDIS, IEC 61131-9 ED2: Programmable controllers - Part 9: Single-drop digital communication interface for small sensors and actuators (SDCI), 04/29/2022

65C/1163/FDIS, IEC 62657-2 ED3: Industrial communication networks - Coexistence of wireless systems - Part 2: Coexistence management, 04/29/2022

65C/1165/FDIS, IEC 62657-3 ED1: Industrial communication networks - Coexistence of wireless systems - Formal description of the automated coexistence management and application guidance, 04/29/2022

65C/1164/FDIS, IEC 62657-4 ED1: Industrial communication networks - Coexistence of wireless systems - Part 4: Coexistence management with central coordination of wireless applications, 04/29/2022

65E/888/NP, PNW 65E-888 ED1: Intelligent Device Management - Part 1: Concepts and Terminology, 06/10/2022

**Insulators (TC 36)**

36/540/CDV, IEC 61462 ED2: Composite hollow insulators - Pressurized and unpressurized insulators for use in electrical equipment with AC rated voltage greater than 1 000 V AC and D.C. voltage greater than 1500V - Definitions, test methods, acceptance criteria and design recommendations, 06/10/2022

36/541/CDV, IEC 62772 ED2: Composite hollow core station post insulators for substations with a.c. voltage greater than 1 000 V and d.c. voltage greater than 1 500 V - Definitions, test methods and acceptance criteria, 06/10/2022

**Lamps and related equipment (TC 34)**

34B/2137(F)/FDIS, IEC 60061-2/AMD58 ED3: Amendment 58 - Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Lampholders, 04/22/2022

**Lightning protection (TC 81)**

81/696/CD, IEC 62561-2 ED3: Lightning protection system components (LPSC) - Part 2: Requirements for conductors and earth electrodes, 06/10/2022

**Safety of hand-held motor-operated electric tools (TC 116)**

116/578(F)/FDIS, IEC 62841-4-2/AMD1 ED1: Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-2: Particular requirements for hedge trimmers, 04/08/2022

**Safety of household and similar electrical appliances (TC 61)**

61D/491/FDIS, IEC 60335-2-40 ED7: Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers, 04/29/2022

**Semiconductor devices (TC 47)**

47E/778/CDV, IEC 60747-18-4 ED1: Semiconductor devices - Part 18-4: Semiconductor bio sensors - Evaluation method of noise characteristics of lens-free CMOS photonic array sensors, 06/10/2022

47E/779/CDV, IEC 60747-18-5 ED1: Semiconductor devices - Part 18-5: Semiconductor bio sensors - Evaluation method for light responsivity characteristics of lens-free CMOS photonic array sensor package modules by incident angle of light, 06/10/2022

47/2759/CD, IEC 60749-34-1 ED1: Semiconductor devices - Mechanical and climatic test methods - Part 34-1: Power cycling test for power semiconductor module, 06/10/2022

47A/1137/CD, IEC 62228-5/AMD1 ED1: Amendment 1 - Integrated circuits - EMC evaluation of transceivers - Part 5: Ethernet transceivers, 05/13/2022

47A/1132/CDV, IEC 62228-6 ED1: Integrated circuit - EMC Evaluation of transceivers - Part 6: PSi5 transceivers, 06/10/2022

**Small power transformers and reactors and special transformers and reactors (TC 96)**

96/535(F)/FDIS, IEC 61558-2-15 ED3: Safety of transformers, reactors, power supply units and combinations thereof - Part 2 -15: Particular requirements and tests for isolating transformers for medical IT systems for the supply of medical locations, 04/01/2022

**Solar photovoltaic energy systems (TC 82)**

82/2024/FDIS, IEC 62108 ED3: Concentrator photovoltaic (CPV) modules and assemblies - Design qualification and type approval, 04/29/2022

82/2028/DTS, IEC TS 62257-100 ED1: Renewable energy off-grid systems - Part 100: Overview of the IEC 62257 series, 06/10/2022

**Surge arresters (TC 37)**

37A/372/NP, PNW TS 37A-372 ED1: Low-voltage surge protective devices - Requirements and test methods of SPD monitoring device (SMD), 06/10/2022

37A/373/NP, PNW TS 37A-373 ED1: Low-voltage surge protective devices - Part 6: Requirements and test methods on SPD specific disconnectors, 06/10/2022

**Switchgear and controlgear (TC 17)**

17C/843/FDIS, IEC 62271-202 ED3: High-voltage switchgear and controlgear - Part 202: Prefabricated substation, 04/29/2022

17C/840(F)/FDIS, IEC 62271-204 ED2: High-voltage switchgear and controlgear - Part 204: Rigid gas-insulated transmission lines for rated voltage above 52 kV, 04/15/2022

**Transmitting equipment for radio communication (TC 103)**

103/235/DTR, IEC TR 63385-1 ED1: Transmitting and receiving equipment for radiocommunication - Short-range radar technologies and their performance standards - Part 1: System applications of short-range radars, 05/13/2022



# 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

### Anaesthetic and respiratory equipment (TC 121)

[ISO 10079-1:2022](#), Medical suction equipment - Part 1:

Electrically powered suction equipment, \$48.00

[ISO 10079-2:2022](#), Medical suction equipment - Part 2: Manually powered suction equipment, \$48.00

[ISO 10079-3:2022](#), Medical suction equipment - Part 3: Suction equipment powered from a vacuum or positive pressure gas source, \$48.00

### Biotechnology (TC 276)

[ISO 20397-1:2022](#), Biotechnology - Massively parallel sequencing - Part 1: Nucleic acid and library preparation, \$111.00

### Building construction (TC 59)

[ISO 4781:2022](#), Building and civil engineering sealants - Determination of application life, \$48.00

### Cosmetics (TC 217)

[ISO 24444:2019/Amd 1:2022](#), - Amendment 1: Cosmetics - Sun protection test methods - In vivo determination of the sun protection factor (SPF) - Amendment 1, \$20.00

### Essential oils (TC 54)

[ISO 3520:2022](#), Essential oil of bergamot [Citrus bergamia Risso et Poit], Calabrian type, \$73.00

### Fire safety (TC 92)

[ISO 26367-3:2022](#), Guidelines for assessing the adverse environmental impact of fire effluents - Part 3: Sampling and analysis, \$149.00

### Fluid power systems (TC 131)

[ISO 11171:2022](#), Hydraulic fluid power - Calibration of automatic particle counters for liquids, \$225.00

### Geographic information/Geomatics (TC 211)

[ISO 19115-2:2019/Amd 1:2022](#), Amendment 1: Geographic information - Metadata - Part 2: Extensions for acquisition and processing - Amendment 1, \$20.00

### Health Informatics (TC 215)

[ISO/IEEE 11073-40101:2022](#), Health informatics - Device interoperability - Part 40101: Foundational - Cybersecurity - Processes for vulnerability assessment, \$200.00

[ISO/IEEE 11073-40102:2022](#), Health informatics - Device interoperability - Part 40102: Foundational - Cybersecurity - Capabilities for mitigation, \$149.00

### Implants for surgery (TC 150)

[ISO 5832-5:2022](#), Implants for surgery - Metallic materials - Part 5: Wrought cobalt-chromium-tungsten-nickel, \$48.00

[ISO 5832-6:2022](#), Implants for surgery - Metallic materials - Part 6: Wrought cobalt-nickel-chromium-molybdenum alloy, \$48.00

### Materials, equipment and offshore structures for petroleum and natural gas industries (TC 67)

[ISO 15590-3:2022](#), Petroleum and natural gas industries - Factory bends, fittings and flanges for pipeline transportation systems - Part 3: Flanges, \$111.00

### Plastics (TC 61)

[ISO 2078:2022](#), Textile glass - Yarns - Designation, \$48.00

[ISO 11357-7:2022](#), Plastics - Differential scanning calorimetry (DSC) - Part 7: Determination of crystallization kinetics, \$73.00

### Rubber and rubber products (TC 45)

[ISO 4671:2022](#), Rubber and plastics hoses and hose assemblies - Methods of measurement of the dimensions of hoses and the lengths of hose assemblies, \$73.00

**Security (TC 292)**

[ISO 28000:2022](#), Security and resilience - Security management systems - Requirements, \$149.00

**Ships and marine technology (TC 8)**

[ISO 22834:2022](#), Large yachts - Quality assessment of life onboard - Stabilization and sea keeping, \$111.00

[ISO 23575:2022](#), Ships and marine technology - Marine securing devices for ro-ro cargoes, \$175.00

**Solid mineral fuels (TC 27)**

[ISO 18283:2022](#), Coal and coke - Manual sampling, \$225.00

**Sports and recreational equipment (TC 83)**

[ISO 23537-1:2022](#), Requirements for sleeping bags - Part 1: Thermal, mass and dimensional requirements for sleeping bags designed for limit temperatures of -20°C and higher, \$149.00

**Tractors and machinery for agriculture and forestry (TC 23)**

[ISO 11681-1:2022](#), Machinery for forestry - Portable chain-saw safety requirements and testing - Part 1: Chain-saws for forest service, \$149.00

[ISO 11681-2:2022](#), Machinery for forestry - Portable chain-saw safety requirements and testing - Part 2: Chain-saws for tree service, \$175.00

**ISO Technical Reports****Corrosion of metals and alloys (TC 156)**

[ISO/TR 7655:2022](#), Corrosion of metals and alloys - Overview of metal corrosion protection when using disinfectants, \$200.00

**Environmental management (TC 207)**

[ISO/TR 14055-2:2022](#), Environmental management - Guidelines for establishing good practices for combatting land degradation and desertification - Part 2: Regional case studies, \$225.00

**Geosynthetics (TC 221)**

[ISO/TR 18228-4:2022](#), Design using geosynthetics - Part 4: Drainage, \$225.00

**Sports and recreational equipment (TC 83)**

[ISO/TR 24666:2022](#), Sports and recreational facilities - Probes for entrapment/entanglement on playground equipment - Collection of data, \$175.00

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

[ISO/IEC 19540-1:2022](#), Information technology - Object Management Group Unified Architecture Framework (OMG UAF) - Part 1: Domain Metamodel (DMM), \$250.00

[ISO/IEC 19540-2:2022](#), Information technology - Object Management Group Unified Architecture Framework (OMG UAF) - Part 2: Unified Architecture Framework Profile (UAFP), \$250.00

**IEC Standards****Electrical equipment in medical practice (TC 62)**

[IEC 61675-1 Ed. 3.0 b:2022](#), Radionuclide imaging devices - Characteristics and test conditions - Part 1: Positron emission tomographs, \$310.00

[S+ IEC 61675-1 Ed. 3.0 en:2022 \(Redline version\)](#), Radionuclide imaging devices - Characteristics and test conditions - Part 1: Positron emission tomographs, \$404.00

# Meeting Notices (International)

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## **ANSI Accredited U.S TAG to ISO**

### **TC 229, Nanotechnologies**

#### **Virtual Meeting: April 20-21, 2022**

The ANSI-Accredited U.S. TAG to ISO/TC 229 Nanotechnologies will meet virtually on April 20-21, 2022. For additional information or to join the U.S. TAG, please contact Heather Benko ([hbenko@ansi.org](mailto:hbenko@ansi.org)) at ANSI.

# 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.

# 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).



March 14, 2022

## Public Review – ANSI FM 1950-2016

Edits shown in strike-through and red text.

### 1.2 Scope

#### 1.2.2

For rigid seismic sway braces, the general requirements for seismic sway bracing components apply to the components that are attached to the structural element and the components that are attached to the pipe, tube or conduit. The brace member that connects the building-attached component and the piping-attached component is used in the testing, but not included within the scope of the Standard. The brace member is to be designed for the tension and compression axial load applied and any eccentricity of axial force. However, the attachment nominal strength will be affected by the brace material and wall or leg thickness at the connection to the brace, which should then be part of the limitations of the load rating of the attachment. ~~Although used in testing, the brace member that is attached between the building-attached component and the piping-attached component is used in testing, but not included within the scope of the standard.~~

## 4. Performance Requirements

### 4.2.4 Determining Horizontal Load Ratings

- 4.2.4.3 Horizontal load ratings for Allowable Stress Design (ASD) shall be taken as the allowable strength, which is equal to the horizontal nominal strength ( $R_{Hn}$ ) found per Section 4.2.2.6 divided by a safety factor ( $\Omega$ ). Unless otherwise allowed or required by the Authority Having Jurisdiction (AHJ), the safety factor ( $\Omega$ ) shall be taken as ~~2.0~~ 2.2. Document the safety factor used.
- 4.2.4.4 Horizontal load ratings for Load and Resistance Factor Design (LRFD) shall be taken as the design strength, which is equal to the horizontal nominal strength ( $R_{Hn}$ ) in the horizontal direction found per Section 4.2.2.5 multiplied by a resistance factor ( $\phi$ ). Unless otherwise allowed or required by the Authority Having Jurisdiction (AHJ), the resistance factor ( $\phi$ ) shall be taken as ~~0.70~~ 0.65. Document the resistance factor used.

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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 grey highlighting. Rationale statements are in *red italics* and only used to add clarity; these statements will NOT be in the finished publication.]

## NSF/ANSI International Standard for Biosafety Cabinetry —

### Biosafety Cabinetry: Design, Construction, Performance, and Field Certification

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#### Normative Annex 5 (formerly Annex F) Field tests

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#### 5.1.3 Tests related to specific industry use

When field testing any Class II BSC, the certifier should take into consideration any additional testing required by a specific industry use. Examples include but are not limited to pharmaceuticals and electronics. Any additional testing completed is an adjunct to, and not a substitute for, the minimum required testing required to consider a BSC field tested in accordance with NSF/ANSI 49.

*Rationale: The certification of BSCs is evolving with CETA (Controlled Environment Testing Association) in the pharmaceutical CSP settings. NSF Normative Annex 5 (formerly Annex F) needs to likewise evolve to encompass testing and thus testing knowledge and performance can be completed during the Advanced Field Certifier Accreditation program.*

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Issue 95 Revision 2 (March 2022)

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NSF/ANSI Standard  
for Health Sciences –

## Dietary Supplements

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### 5 Product requirements

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#### 5.3 Contaminants

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##### 5.3.3 Microbiological contaminants

Dietary ingredients shall not contain aflatoxins at levels > 20 ppb and shall not contain microorganisms in quantities greater than permitted in Tables 5.1 and 5.2.

Finished products shall not contain aflatoxins at levels > 20 ppb and shall not contain microorganisms in quantities greater than permitted in Tables 5.3 and 5.4.

~~Finished products in a liquid form with an alcohol content ≤ 50% shall not contain *Pseudomonas aeruginosa*.~~  
Finished products with an alcohol content ≥ 50% are exempt from microbial testing.

Products containing probiotic bacteria are exempt from total aerobic microbial count and the limits in Tables 5.1 and 5.3.

Products containing probiotic yeast or mold are exempt from total combined yeast mold count and the limits in Tables 5.1 and 5.3.

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## NSF/ANSI Standard For Wastewater Technology –

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### 8 Performance testing and evaluation

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#### 8.4 Criteria

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##### 8.4.3 Effluent quality

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##### 8.4.3.3 ~~Total~~ nitrogen

The average total nitrogen concentration of all effluent samples shall be less than 50% of the average total nitrogen concentration of all influent samples.

Average nitrogen reduction shall be a minimum of 50 percent. The average shall be calculated using the following formula:

$$\text{Average Nitrogen Reduction} = \left( \frac{I - E}{I} \right) \times 100$$

Where: *I* = Average of all influent total nitrogen samples, excluding stress and stress recovery periods  
*E* = Average of all effluent total nitrogen samples, excluding stress and stress recovery periods

## UL 61800-5-2, Standard for Safety for Adjustable Speed Electrical Power Drive Systems – Part 5-2: Safety Requirements – Functional

### 1. The Proposed Second Edition of the Standard for Adjustable Speed Electrical Power Drive Systems - Part 5-2: Safety Requirements - Functional

#### 2DV.1 D2 Modification by adding the following to 2:

~~IEC 61000-1-2: 2008, Electromagnetic compatibility (EMC) – Part 1-2: General – Methodology for the achievement of functional safety of electrical and electronic systems including equipment with regard to electromagnetic phenomena~~

*IEC 62061:2005, Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems*

#### 6.2.6 Design requirements for electromagnetic (EM) immunity of a *PDS(SR)*

The *PDS(SR)* shall be designed to have the appropriate EM immunity for operating within the specified or anticipated electromagnetic environment (first environment or second environment) as classified in IEC 61800-3.

The EM immunity test requirements are described in 9.2 and Annex E.

#### 6.2.6DV.1 DE Modification ~~to add~~:

Correction, the ~~The~~ reference to clause 9.2 should be to 9.3.

#### ~~6.2.6DV.2 D2 Modification of 6.2.6 by adding the following:~~

~~The Standard for Adjustable Speed Electrical Power Drive Systems – Part 3: EMC Requirements and Specific Test Methods, IEC 61800-3, does not apply to non-safety related sub-functions of the *PDS(SR)* on the basis that analysis has determined that the non-safety related functions do not interact with the safety related functions.~~

### 9.3 Electromagnetic (EM) immunity testing

#### General

The performance criterion that shall be applied when performing EM immunity tests on the *PDS(SR)* is specified in 9.3.3. This criterion does not apply to the normal (non-safety related) functions of the equipment.

NOTE Functional electromagnetic compatibility (EMC) of the *PDS(SR)* is achieved when it complies with the requirements of IEC 61800-3.

#### 9.3.1DV D2 Addition to 9.3.1:

9.3.1DV.1 First environment and second environment are defined in IEC 61800-3:2004, 3.2.1 and 3.2.2 respectively.

**9.3.1DV.2 Annex E contains requirements for electromagnetic immunity and shall be applied in accordance with 9.3.2 and 9.3.3.**

**9.3.1DV.3 The performance criterion does not apply to non-safety related sub-functions of the PDS(SR) on the basis that analysis has determined that the non-safety related functions do not interact with the safety related functions.**

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**BSR/UL 2580, Standard for Safety for Batteries for Use in Electric Vehicles****2. Clarification of the use and triggering method for internal short circuit trigger cells in C2.1 and C2.2.****PROPOSAL****ANNEX C (INFORMATIVE)****Cell Failure Methods****C2.1 Single Internal short circuit triggering cell conductive contamination**

C2.1.2 The failure in the cell should be activated through heating or other means (e.g. using heater tape) and the results of the failure should be recorded/documented, and temperatures and voltages measured and documented. ~~Testing is continued until the intentionally defective cell experiences thermal runaway and the effects of the thermal runaway of the trigger cell on other cells in the battery are assessed.~~

**C2.2 Single cell separator defect**

C2.2.1 This method reproduces defects such as holes or tears in a cell separator that connects cathode and anode in an internal short circuit. This method also requires the use of a special cell constructed with the known defect. The other cells in the DUT should be representative of production. The defect in the cell with the defective separator should be activated through necessary means that may include charge/discharge cycling to determine the effects of the defect on the failed and surrounding cells. Testing is continued until the defective cell failure activates in some manner and ultimate results occur. ~~the intentionally defective cell experiences thermal runaway and the effects of the thermal runaway of the trigger cell on other cells in the battery are assessed.~~

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