ANSI STANDARDS ACTION

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CONTENTS

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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.

ISA (International Society of Automation)

67 Alexander Drive, Research Triangle Park, NC 27709 www.isa.org
Contact: Charles Robinson; crobinson@isa.org

New National Adoption

BSR/ISA 10628-2 (ISO-10628-2 Mod)-202x, Diagrams for the chemical and petrochemical industry - Part 2: Graphical symbols (national adoption with modifications of ISO 10628-2)

Stakeholders: Chemical, Petrochemical, and related industries.
Project Need: To establish an ISA and ANSI standard on graphical symbols for the chemical and petrochemical industry.
Scope: Defines graphical symbols for the preparation of diagrams for the chemical and petrochemical industry. Does not apply to graphical symbols for electrotechnical diagrams.

ISA (International Society of Automation)

67 Alexander Drive, Research Triangle Park, NC 27709 www.isa.org
Contact: Eliana Brazda; ebrazda@isa.org

Revision

BSR/ISA 75.19.01-202x, Hydrostatic Testing of Control Valves (revision of ANSI/ISA 75.19.01-2013)

Stakeholders: Manufacturers, users, regulatory bodies.
Project Need: To establish the requirements and definitions for standard hydrostatic shell testing of control valves by the valve manufacturer to prove the structural integrity and leak tightness of the valves' pressure-retaining parts.
Scope: This standard applies to control valves having bodies, bonnets, cover plates, and bottom flanges made of carbon steel, low-alloy and high-alloy (stainless) steel, nickel-base alloy, cast iron, and ductile iron. This standard establishes requirements and definitions for standard hydrostatic shell testing of control valves by the valve manufacturer to prove the structural integrity and leak tightness of the valves' pressure-retaining parts, including any closure parts such as the valve body to bonnet joint, but excluding packings, bellows, or other moving seals, and packing leakoff/purge/vent-port connections. Bellows or similar moving stem seals may be pressure tested after assembly at a pressure to be agreed upon by the valve manufacturer and the purchaser. The requirements of this standard do not cover pneumatic and hydraulic actuators and regulators. This standard describes and specifies the specific circumstances of hydrostatic shell testing of control valves and is in accordance with the hydrostatic testing requirements of ASME B16.1, ASME B16.34, and ASME B16.42 with the exception that the test requirements of paragraph 4.8 are not allowed by ASME B16.34.

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 www.nfpa.org
Contact: Dawn Michele Bellis; dbellis@nfpa.org

Revision

BSR/NFPA 1192-202x, Standard on Recreational Vehicles (revision of ANSI/NFPA 1192-2021)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.
Project Need: Public interest and need.
Scope: This standard shall cover fire and life safety criteria for recreational vehicles. Those members of the engineering profession and others associated with the design, manufacturing, and inspection of recreational vehicles have been aware of the need for uniform technical standards leading to the proper use of this special type of equipment. They also have recognized that, because of conditions of transport, size, and use, existing standards for motor vehicles or permanent buildings are not completely applicable to recreational vehicles. It is with these factors in mind that this standard has been developed. Much of the material in this standard has been taken from or is based on nationally recognized standards for fire and life safety. Applicable standards are shown in Chapter 2.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 09-202x, Test Method for Cold Bend (revision of ANSI/SCTE 09-2016)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: The purpose of this procedure is to provide instructions on testing the cold bend properties of flexible outdoor polyvinyl chloride (PVC) or polyethylene (PE) cable.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 27-202x, Subtitling Methods for Broadcast Cable (revision of ANSI/SCTE 27-2016)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: This document defines a standard for a transmission protocol supporting multilingual subtitling services to augment video and audio within MPEG-2 multiplexes.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 30-202x, Digital Program Insertion Splicing API (revision of ANSI/SCTE 30-2017)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: This Application Program Interface (API) creates a standardized method of communication between Servers and Splicers for the insertion of content into any MPEG-2 Output Multiplex in the Splicer. This API is flexible enough to support one or more Servers attached to one or more Splicers. Digital Program Insertion includes content such as spot advertisements of various lengths, program substitution, public service announcements, or program material created by splicing portions of the program from a Server.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 31-202x, Test Method for Measuring Diameter Over Core (revision of ANSI/SCTE 31-2016)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: To document sample preparation, sample testing, and test procedure for measurement of min, max, and average core diameter of finished goods coaxial cable.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 32-202x, Ampacity of Coaxial Telecommunications Cables (revision of ANSI/SCTE 32-2016)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: This standard provides the current carrying capacity or ampacity of coaxial cables used in the Telecommunications industry. The method used to calculate the tabulated ampacities is a thermodynamic model of a cable installed indoors in air and considers the heat flow from the inner and outer conductor through the dielectric and jacket materials.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 33-202x, Test Method for Diameter of Drop Cable (revision of ANSI/SCTE 33-2016)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: To determine one or more of the following characteristics relating to flexible coaxial drop cables. This method is intended to make use of relatively inexpensive equipment.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 40-202x, Digital Cable Network Interface Standard (revision of ANSI/SCTE 40-2016)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: This standard defines the characteristics and normative specifications for the digital network interface between a cable television system and commercially available digital cable products that are used to access multi-channel television programming. The network interface is also compatible with existing analog and digital set-top terminal equipment owned by cable operators and with terminal equipment developed via the OpenCable™ specification process.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 41-202x, POD Copy Protection System (revision of ANSI/SCTE 41-2016)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: This document defines a standard for a transmission protocol supporting multilingual subtitling services to augment video and audio within MPEG-2 multiplexes.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 43-202x, Digital Video Systems Characteristics Standard for Cable Television (revision of ANSI/SCTE 43-2015)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: This document describes the characteristics and normative specifications for the Video Subsystem Standard for Cable Television.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 56-202x, Digital Multi-Program Distribution by Satellite (revision of ANSI/SCTE 56-2016)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: Satellite Digital TV systems have shown their advantages with respect to the analog TV allowing a more efficient use of the satellite frequency spectrum available and establishing a more robust scenario with respect to interference protection.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 57-202x, System Information for Satellite Distribution of Digital Television for Cable and MMDS (revision of ANSI/SCTE 57-2016)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: This document defines a Standard for System Information (SI) compatible with MPEG-2 compliant digital multiplex bitstreams constructed in accordance with ISO/IEC 13818-1 (MPEG-2) and transmitted over satellite for distribution on cable and MMDS.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 63-202x, Test Method for Voltage / Spark Test of Outer Jacket (revision of ANSI/SCTE 63-2015)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: This procedure specifies the spark test method to be used in determining if the outer jacket of a coaxial cable will withstand a specified voltage.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 65-202x, Service Information Delivered Out-of-Band for Digital Cable Television (revision of ANSI/SCTE 65 -2016)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: This specification defines SI tables delivered via an out-of-band path to support service selection and navigation by digital cable set-top boxes and other “digital cable-ready” devices. The SI tables defined in this standard are formatted in accordance with the Program Specific Information (PSI) data structures defined in MPEG-2 Systems.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 66-202x, Test Method for Coaxial Cable Impedance (revision of ANSI/SCTE 66-2016)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: The purpose of this procedure is to provide instructions for measuring coaxial cable impedance.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 148-202x, Specification for Male F Terminator, 75 ohm (revision of ANSI/SCTE 148-2016)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: The purpose of this specification is to specify requirements of the Male "F" Terminators that are used on "F" ports as specified in ANSI/SCTE 01-2015 and ANSI/SCTE 02-2015. This specification is not intended to limit or restrict any manufacturers from innovative designs and product improvements.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 200-202x, Specification for a 75 Ohm MMCX Connector, Male & Female Interface (revision of ANSI/SCTE 200-2016)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: The purpose of this document is to specify requirements for the male/female interface of a 75-ohm, 3-GHz rated connector series generically known as MMCX-75. This is an indoor connector with applications in controlled environments such as headends and hubsites where high-density platform chassis are used. MMCX-75 connectors are not intended to be mated with 50-ohm MMCX design counterparts.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 214-1-202x, MPEG DASH for IP-Based Cable Services - Part 1: MPD Constraints and Extensions (revision of ANSI/SCTE 214-1-2016)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: This standard is part of a suite documenting usage of MPEG DASH in IP-based cable networks. It specifies restrictions on MPD and codecs that apply to both MPEG-2 TS and ISO-BMFF segments. Thus, DASH/TS profile is a combination of Part 1 (this standard) and Part 2 (which defines aspects specific to MPEG-2 TS), and, analogously, DASH/FF profile is a combination of Part 1 and Part 3 (which defines aspects specific to ISO-BMFF). The DASH/TS profile is also very similar to the adaptive transport stream source description defined in SCTE 215.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 214-2-202x, MPEG DASH for IP-Based Cable Services - Part 2: DASH/TS Profile (revision of ANSI/SCTE 214-2 -2016)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: This standard is part of a suite documenting use of MPEG DASH in cable networks.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 217-202x, MPEG DASH Reference Architecture for IP-based Cable Services (revision of ANSI/SCTE 217-2017)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: This MPEG DASH Reference Architecture document is to serve as informational background to a suite of specifications that define the usage of MPEG DASH in cable networks. It introduces adaptive bit rate streaming as a general service and defines reference architecture in which content processing components, flows of process, use cases, and scope definition of each part of other relevant documents are described.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 230-202x, Recommended Practice for Proper Handling of Audio-Video Synchronization in Cable Systems (revision of ANSI/SCTE 230-2016)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: This Recommended Practice specifies proper procedures for the measurement of and maintenance of Audio-Video Synchronization (commonly known as “Lip Sync”) through various aspects of a cable system – including the headend and distribution architecture and devices.

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

* Standard for consumer products

Comment Deadline: February 14, 2021

NSF (NSF International)

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

Revision

BSR/NSF 55-202x (i54r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2019)

The purpose of this Standard is to establish minimum requirements for the reduction of microorganisms using ultraviolet radiation (UV). UV water treatment systems covered by this Standard are intended for water that may be either microbiologically safe or microbiologically unsafe. This Standard also specifies the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners, as well as the minimum service-related obligations that the manufacturer shall extend to system owners.

Click here to view these changes in full

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

UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 p: (510) 319-4259 w: https://ul.org/

Revision

BSR/UL 79-202x, Standard for Safety for Power-Operated Pumps for Petroleum Dispensing Products (revision of ANSI/UL 79 -2020)

The following topic is being recirculated: (1) Revision to endurance test.

Click here to view these changes in full

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

Comment Deadline: February 14, 2021

UL (Underwriters Laboratories)

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

Revision

BSR/UL 82-202x, Standard for Safety for Electric Gardening Appliances (revision of ANSI/UL 82-2020)

(1) Revisions to Paragraph SA2.2 to clarify the application of test requirements to battery-powered gardening appliances with respect to accessible parts and the mold stress test.

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

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-0954 w: https://ul.org/

Revision

BSR/UL 561-202x, Standard for Safety for Floor Finishing Machines (revision of ANSI/UL 561-2011 (R2018))

This proposal for UL 561 covers: Proposed revision to replace the references to the Standard for Power Conversion Equipment, UL 508C, with reference to the Standard for Adjustable Speed Electric Power Drive Systems, UL 61800-5-1.

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

UL (Underwriters Laboratories)

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

Revision

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

(3) Clarifications to capacity check requirements in Annex B and Annex D.

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

UL (Underwriters Laboratories)

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

Revision

BSR/UL 62841-4-1-202x, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 4-1: Particular Requirements for Chain Saws (revision of ANSI/UL 62841-4-1-2020)

(1) Revisions to Clause 101.DVA.1.14 to correct the longitudinal balance test method for top-handle saws; (2) Addition of national difference to Clause K.1 to delete reference to chain saws as not applicable.

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

Comment Deadline: March 1, 2021

NASBLA (National Association of State Boating Law Administrators)

1648 McGrathiana Parkway, Suite 360, Lexington, KY 40511 p: (859) 225-9487 w: www.nasbla.org

New Standard

BSR/NASBLA 100-202x, Basic Boating Knowledge - Core (new standard)

This standard establishes the essential knowledge needed to reduce recreational boating risk factors and mitigate their effects. This "Core" standard is designed to be combined with discipline-specific power, sail, and/or human-propelled "Plus" standards for development of basic boating education courses and student assessment. This standard applies to basic boating knowledge for all disciplines (power, sail, or human-propelled) of recreational boating in the U.S. states, territories, and the District of Columbia.

Single copy price: Free
Obtain an electronic copy from: https://esp.nasbla.org/esp/
Order from: pam@nasbla.org
Send comments (with optional copy to psa@ansi.org) to: https://esp.nasbla.org/esp/

NASBLA (National Association of State Boating Law Administrators)

1648 McGrathiana Parkway, Suite 360, Lexington, KY 40511 p: (859) 225-9487 w: www.nasbla.org

Revision

BSR/NASBLA 101-202x, Basic Boating Knowledge - Plus Human-Propelled (revision of ANSI/NASBLA 101-2017)

This discipline-specific "Plus" standard, when combined with the "Basic Boating Knowledge – Core" standard, establishes minimum essential knowledge to reduce human-propelled recreational boating risk factors. The combined standards are to be used for development of basic boating education courses and student assessment for human-propelled vessels. This standard applies to basic knowledge for human-propelled recreational boating in the U.S. states, territories, and the District of Columbia.

Single copy price: Free
Obtain an electronic copy from: https://esp.nasbla.org/esp/
Order from: pam@nasbla.org
Send comments (with optional copy to psa@ansi.org) to: https://esp.nasbla.org/esp/

NASBLA (National Association of State Boating Law Administrators)

1648 McGrathiana Parkway, Suite 360, Lexington, KY 40511 p: (859) 225-9487 w: www.nasbla.org

Revision

BSR/NASBLA 102-202x, Basic Boating Knowledge - Plus Sailing (revision of ANSI/NASBLA 102-2017)

This discipline-specific "Plus" standard, when combined with the "Basic Boating Knowledge – Core" standard, establishes minimum essential knowledge to reduce recreational sailing risk factors. The combined standards are to be used for development of basic boating education courses and student assessment for sailing vessels. This standard applies to basic knowledge for recreational sailboating in the U.S. states, territories, and the District of Columbia.

Single copy price: Free
Obtain an electronic copy from: https://esp.nasbla.org/esp/
Order from: pam@nasbla.org
Send comments (with optional copy to psa@ansi.org) to: https://esp.nasbla.org/esp/

Comment Deadline: March 1, 2021

NASBLA (National Association of State Boating Law Administrators)

1648 McGrathiana Parkway, Suite 360, Lexington, KY 40511 p: (859) 225-9487 w: www.nasbla.org

Revision

BSR/NASBLA 103.1-202x , Supplement - Basic Boating Knowledge - Plus Water-Jet Propelled (revision of ANSI/NASBLA 103.1 -2018)

This discipline-specific supplement standard, when combined with the "Basic Boating Knowledge – Core" and "Basic Boating Knowledge - Plus Power" standards, establishes minimum essential knowledge to reduce recreational risk factors for water-jet propelled watercraft operation. The combined standards are to be used for development of basic boating education courses and student assessment for water-jet-propelled powerboats. This standard applies to basic water-jet-propelled boating knowledge in the U.S. states, territories, and the District of Columbia.

Single copy price: Free
Obtain an electronic copy from: https://esp.nasbla.org/esp/
Order from: pam@nasbla.org
Send comments (with optional copy to psa@ansi.org) to: https://esp.nasbla.org/esp/

NASBLA (National Association of State Boating Law Administrators)

1648 McGrathiana Parkway, Suite 360, Lexington, KY 40511 p: (859) 225-9487 w: www.nasbla.org

Revision

BSR/NASBLA 103-202x, Basic Boating Knowledge - Plus Power (revision of ANSI/NASBLA 103-2016)

This discipline-specific "Plus" standard, when combined with the "Basic Boating Knowledge – Core" standard, establishes minimum essential knowledge to reduce recreational powerboating risk factors. The combined standards are to be used for development of basic boating education courses and student assessment for power-driven vessels. This standard applies to basic knowledge for recreational powerboating in the U.S. states, territories, and the District of Columbia.

Single copy price: Free
Obtain an electronic copy from: https://esp.nasbla.org/esp/
Order from: pam@nasbla.org
Send comments (with optional copy to psa@ansi.org) to: https://esp.nasbla.org/esp/

NEMA (ASC C12) (National Electrical Manufacturers Association)

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

New Standard

BSR C12.32-202x, Electricity Meters for the Measurement of DC Energy (new standard)

This document establishes acceptable performance criteria for revenue-grade direct-current (dc) watthour meters and demand meters; accuracy-class designations; current, voltage, environmental tests; and electromagnetic compatibility (EMC) tests are covered.

Single copy price: Free
Obtain an electronic copy from: pau_orr@nema.org
Order from: www.nema.org
Send comments (with optional copy to psa@ansi.org) to: Paul Orr, pau_orr@nema.org

NEMA (ASC C136) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 p: (703) 841-3234 w: www.nema.org

Reaffirmation

BSR C136.49-2016 (R202x), Roadway and Area Lighting Equipment - Plasma Lighting (reaffirmation of ANSI C136.49-2016)

This standard defines the electrical and mechanical requirements of plasma-type light sources for use in roadway and area lighting luminaires.

Single copy price: $60.00
Obtain an electronic copy from: David.Richmond@nema.org
Order from: David Richmond; David.Richmond@nema.org
Send comments (with optional copy to psa@ansi.org) to: Same

Comment Deadline: March 1, 2021

NEMA (ASC C136) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 p: (703) 841-3234 w: www.nema.org

Revision

BSR C136.23-202X, Roadway and Area Lighting Equipment - Enclosed Architectural Luminaires (revision of ANSI C136.23-2012)

This standard is intended to cover physical, operating, maintenance, and light-distribution features that permit the use of architectural luminaires in roadway applications when so specified. The standard covers side-mounted architectural luminaires that might be square, rectangular, cylindrical, spherical, or other types of decorative- and nostalgic-historical-style luminaires (e.g., teardrop pendants) that are considered to be any significant deviation from the luminaire style that has evolved in the industry as predominantly (commonly) known as the cobra-head style covered in ANSI C136.14.

Single copy price: $62.00
Obtain an electronic copy from: david.richmond@nema.org
Order from: David Richmond; David.Richmond@nema.org
Send comments (with optional copy to psa@ansi.org) to: Same

NEMA (ASC C136) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 p: (703) 841-3234 w: www.nema.org

Revision

BSR C136.27-202x, Roadway and Area Lighting Equipment - Tunnel and Underpass Lighting Luminaires (revision of ANSI C136.27-2012)

This standard covers luminaires used for illuminating roadway tunnels and underpasses. The requirements in this standard are limited to general attributes of tunnel luminaires due to the wide variety of designs possible.

Single copy price: $55.00
Obtain an electronic copy from: david.richmond@nema.org
Order from: David Richmond; David.Richmond@nema.org
Send comments (with optional copy to psa@ansi.org) to: Same

NEMA (ASC C136) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 p: (703) 841-3234 w: www.nema.org

Stabilized Maintenance

BSR C136.45-2011 (S202x), Aluminum Lighting Poles (stabilized maintenance of ANSI C136.45-2011 (R2016))

This standard applies to aluminum lighting poles. This standard includes nomenclature, dimensional data, performance criteria, and some interchangeability features for standard poles as well as those that must meet breakaway requirements for poles as described in AASHTO LTS Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals.

Single copy price: $76.00
Obtain an electronic copy from: david.richmond@nema.org
Order from: David Richmond; David.Richmond@nema.org
Send comments (with optional copy to psa@ansi.org) to: Same

Comment Deadline: March 1, 2021

PDA (Parenteral Drug Association)

Bethesda Towers, 4350 East-West Highway, Suite 600, Bethesda, MD 20814 p: (301) 656-5900 Ext 106 w: www.pda.org

New Standard

BSR/PDA Standard 05-202x, Method for Rating 0.1 Mycoplasma Reduction Filters (new standard)

This test method establishes a standardized method for a filter manufacturer rating of nominal 0.1 micron rated filter membrane for retention of mycoplasma using 47 mm discs and using A. laidlawii as the test organism. It is also necessary for the filter manufacturer to validate filter devices that may require testing a wide variety of device sizes and configurations. Validation of the actual filter device is not addressed in this standard test method. Any appropriate end-user validation and/or qualification of 0.1-micron-rated filter devices incorporating such a membrane is also outside of the scope of this standard. This test is intended to be used by the filter manufacturer to validate a mycoplasma-retentive filter within a manufacturing process and to qualify a filter for a mycoplasma retentive claim. Validation of a drug manufacturing process employing such filter must be done under applicable process-specific conditions.

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

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 210-202x, Performance Metrics for Energy Efficiency & Functional Density of Cable Data Generation, Storage, Routing, and Transport Equipment (revision of ANSI/SCTE 210-2015)

This standard enables a cable operator to determine how well a piece of rack or shelf equipment performs in terms of minimizing the power required to do a particular job. It provides the means to quantify the amount of useful work the equipment provides per physical space. This standard focuses on the data transport critical facility equipment.

Single copy price: $50.00
Obtain an electronic copy from: admin@standrds.scte.org
Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com
Send comments (with optional copy to psa@ansi.org) to: admin@standrds.scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 215-1-1-202xb, HEVC Video Constraints for Cable Television - Part 1-1: HDR (revision of ANSI/SCTE 215-1-1-2020)

This document defines the additional coding constraints on SCTE 215-1 HDR video streams using an HDR10 format.

Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com
Send comments (with optional copy to psa@ansi.org) to: admin@standards.scte.org

Comment Deadline: March 1, 2021

UL (Underwriters Laboratories)

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

New Standard

BSR/UL 244B-202X, Field Installed and/or Field Connected Appliance Controls (new standard)

These requirements cover electrical controls that are complete in construction and designed specifically for installation in North America. These products are intended to be installed within the guidelines and requirements of the National Electrical Code, NFPA 70 and other relevant building codes. Examples are cord-connected controls with standard NEMA plugs and receptacles, direct plug-in controls and controls intended to be mounted in wiring boxes. This standard applies to sensing controls for non-industrial use. These controls may be remotely actuated and respond to motion, light, sound, infrared input signals (passive and active type), power-line carrier signals, radio-frequency input signals and similar stimuli. In combination with one or more of the aforementioned stimuli, these controls may also be time responsive. Single-stimuli sensing controls (for instance, photoelectric switches) are covered under the scope of UL 773A, the Standard for Photoelectric Switches. Multi-functional controls are covered under the scope of this standard provided that the product's primary function is not covered under another standard of safety.

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

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:

ASTM (ASTM International)

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

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

https://www.astm.org/ANSI_SA

Inquiries may be directed to Laura Klineburger; accreditation@astm.org

Withdrawal of an ANS by ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

SCTE (Society of Cable Telecommunications Engineers)

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

ANSI/SCTE 117-2018, Specification for Braided 75, Mini-Series Quad Shield Coaxial Cable for CMTS and SDI cables

Questions may be directed to: Kim Cooney; kcooney@scte.org

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

SCTE (Society of Cable Telecommunications Engineers)

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

ANSI/SCTE 117-2018, Specification for Braided 75, Mini-Series Quad Shield Coaxial Cable for CMTS and SDI cables

Questions may be directed to: Kim Cooney; kcooney@scte.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.

API (American Petroleum Institute)
200 Massachusetts Avenue NW, Washington, DC 20001 p: (202) 682-8056 w: www.api.org

New National Adoption
ANSI/API RP 2MET, Second Edition-2021, Derivation of Metocean Design and Operating Conditions (national adoption of ISO 19901-1:2015 with modifications and revision of ANSI/API RP 2MET-2014) Final Action Date: 1/4/2021

Reaffirmation
ANSI/API RP 2EQ/ISO 19901-2:2004 (R2021), Seismic Design Procedures and Criteria for Offshore Structures (reaffirm a national adoption ANSI/API RP 2EQ-2018) Final Action Date: 1/4/2021

Reaffirmation
ANSI/API RP 2MOP/ISO 19901-6:2009 (R2021), Marine Operations (reaffirm a national adoption ANSI/AP Recommended Practice 2MOP-2010 (R2015)) Final Action Date: 1/4/2021

Reaffirmation
ANSI/API RP 5A5/ISO 15463-2010 (R2021), Field Inspection of New Casing, Tubing, and Plain-End Drill Pipe (reaffirm a national adoption ANSI/API RP 5A5/ISO 15463-2010 (R2015)) Final Action Date: 1/4/2021

Reaffirmation
ANSI/API RP 2GEO/ISO 19901:2003 (R2021), Geotechnical and Foundation Design Considerations (reaffirm a national adoption ANSI/API Recommended Practice 2GEO-2014) Final Action Date: 1/4/2021

Reaffirmation
ANSI/API RP 2N/ISO 19906:2010 (R2021), Planning, Designing, and Constructing Structures and Pipelines for Arctic Conditions (reaffirm a national adoption ANSI/API Recommended Practice 2N-2015) Final Action Date: 1/4/2021

Reaffirmation
ANSI/API RP 5A3/ISO 13678, 3rd Edition-2009 (R2021), Recommended Practice on Thread Compounds for Casing, Tubing, Line Pipe, and Drill Stem Elements (reaffirm a national adoption ANSI/API RP 5A3/ISO 13678, 3rd Edition-2009 (R2015)) Final Action Date: 1/4/2021

Reaffirmation
ANSI/API SPEC 7-1/ISO 10424-1-2004 (R2021), Specification for Rotary Drill Stem Elements (reaffirm a national adoption ANSI/API Spec 7-1/ISO 10424-1-2004-2018) Final Action Date: 1/4/2021

Reaffirmation
ANSI/API Spec 5CRA/ISO 13680, 1st Edition-2009 (R2021), Specification for Corrosion-Resistant Alloy Seamless Tubes for Use as Casing, Tubing, and Coupling Stock (reaffirm a national adoption ANSI/API Spec 5CRA/ISO 13680, 1st Edition-2009 (R2015)) Final Action Date: 1/4/2021

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

Reaffirmation
ANSI X9.100-120-2015 (R2021), Bank Deposit Tickets (reaffirmation of ANSI X9.100-120-2015) Final Action Date: 1/7/2021

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

Addenda
ANSI/ASHRAE/ASHE Addendum b to ANSI/ASHRAE/ASHE Standard 189.3-2017, Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 189.3-2017) Final Action Date: 12/30/2020

Addenda
ANSI/ASHRAE/ASHE Addendum c to ANSI/ASHRAE/ASHE Standard 189.3-2017, Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 189.3-2017) Final Action Date: 12/30/2020

Addenda
ANSI/ASHRAE/IES Addendum da to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019) Final Action Date: 12/30/2020

Addenda
ANSI/ASHRAE/IES Addendum d to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019) Final Action Date: 12/30/2020

Addenda
ANSI/ASHRAE/IES Addendum g to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019) Final Action Date: 12/30/2020

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

Revision
ANSI/ASME B16.5-2021, Pipe Flanges and Flanged Fittings NPS through NPS 24 Metric/Inch Standard (revision of ANSI/ASME B16.5-2017) Final Action Date: 1/5/2021

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

New Standard
ANSI/ASTM F3496-2021, Specification for Polyaromatic Hydrocarbons Contained in Synthetic Turf Infill Materials (new standard) Final Action Date: 12/22/2020

ASTM (ASTM International)

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

Reaffirmation
ANSI/ASTM D5926-2015 (R2021), Specification for Poly(Vinyl Chloride) (PVC) Gaskets for Drain, Waste, and Vent (DWV), Sewer, Sanitary, and Storm Plumbing Systems (reaffirmation of ANSI/ASTM D5926 -2015) Final Action Date: 12/22/2020

Reaffirmation
ANSI/ASTM D7739-2011 (R2021), Practice for Thermal Oxidative Stability Measurement via Quartz Crystal Microbalance (reaffirmation of ANSI/ASTM D7739-2011 (R2016)) Final Action Date: 12/22/2020

Reaffirmation
ANSI/ASTM F2519-2011 (R2021), Test Method for Grease Particle Capture Efficiency of Commercial Kitchen Filters and Extractors (reaffirmation of ANSI/ASTM F2519-2011 (R2015)) Final Action Date: 12/22/2020

Revision
ANSI/ASTM D1655-2021, Specification for Aviation Turbine Fuels (revision of ANSI/ASTM D1655-2020) Final Action Date: 12/22/2020

Revision
ANSI/ASTM D2513-2021, Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513-2019) Final Action Date: 12/22/2020

Revision
ANSI/ASTM D3241-2021, Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels (revision of ANSI/ASTM D3241-2020a) Final Action Date: 12/22/2020

Revision
ANSI/ASTM D4054-2021, Practice for Evaluation of New Aviation Turbine Fuels and Fuel Additives (revision of ANSI/ASTM D4054-2020a) Final Action Date: 12/22/2020

Revision
ANSI/ASTM D6300-2021, Practice for Determination of Precision and Bias Data for Use in Test Methods for Petroleum Products, Liquid Fuels, and Lubricants (revision of ANSI/ASTM D6300-2020) Final Action Date: 12/22/2020

Revision
ANSI/ASTM D7566-2021, Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons (revision of ANSI/ASTM D7566-2020B) Final Action Date: 12/22/2020

Revision
ANSI/ASTM D7793-2021, Specification for Insulated Vinyl Siding (revision of ANSI/ASTM D7793-2017) Final Action Date: 12/22/2020

Revision
ANSI/ASTM D7826-2021, Guide for Evaluation of New Aviation Gasolines and New Aviation Gasoline Additives (revision of ANSI/ASTM D7826-2019) Final Action Date: 12/22/2020

Revision
ANSI/ASTM E2579-2021, Practice for Specimen Preparation and Mounting of Wood Products to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2579-2019) Final Action Date: 12/22/2020

ASTM (ASTM International)

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

Revision

ANSI/ASTM F876-2021, Specification for Crosslinked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F876-2020) Final Action Date: 12/22/2020

Revision

ANSI/ASTM F1510-2021, Specification for Rotary Positive Displacement Pumps, Ships Use (revision of ANSI/ASTM F1510-2007 (R2020)) Final Action Date: 1/1/2021

Revision

ANSI/ASTM F2441-2021, Practice for Labeling of Backpacking and Mountaineering Tents and Bivouac Sacks (revision of ANSI/ASTM F2441-2012 (R2018)) Final Action Date: 12/22/2020

Revision

ANSI/ASTM F2620-2021, Practice for Heat Fusion Joining of Polyethylene Pipe and Fittings (revision of ANSI/ASTM F2620-2019) Final Action Date: 12/22/2020

Revision

ANSI/ASTM F2785-2021, Specification for Polyamide 12 Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM F2785-2018A) Final Action Date: 12/22/2020

Revision

ANSI/ASTM F2854-2021, Specification for Push-Fit Crosslinked Polyethylene (PEX) Mechanical Fittings for Crosslinked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F2854-2016) Final Action Date: 12/22/2020

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 p: (305) 443-9353 301 w: www.aws.org

Revision

ANSI/AWS A5.13/A5.13M-2021, Specification for Surfacing Electrodes for Shielding Metal Arc Welding (revision of ANSI/AWS A5.13/A5.13M-2010) Final Action Date: 1/7/2021

BIFMA (Business and Institutional Furniture Manufacturers Association)

678 Front Ave. NW, Grand Rapids, MI 49504 p: (616) 591-9798 w: www.bifma.org

New Standard

ANSI/BIFMA X6.4-2021, Occasional-Use Seating (new standard) Final Action Date: 1/7/2021

CSA (CSA America Standards Inc.)

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

Addenda

ANSI Z21.78A-2020/CSA 6.20A-2020, Standard for Combination Gas Controls for Gas Appliances (addenda to ANSI Z21.78-2010 (R2020)/CSA 6.20-2010 (R2020)) Final Action Date: 1/4/2021

* ***New National Adoption***

ANSI/CSA FC 5-2021, Hydrogen generators using fuel processing technologies - Part 1: Safety (national adoption with modifications of ISO 16110-1) Final Action Date: 1/6/2021

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

Revision
ANSI/CSA HGV 2-2021, Compressed hydrogen gas vehicle fuel containers (revision of ANSI/CSA HGV 2 -2014 (R2019)) Final Action Date: 1/8/2021

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

* ***New Standard***
ANSI/CTA 2076.1-2021, Indoor Network Navigation Systems for Intellectual and Developmental Disabilities (new standard) Final Action Date: 1/4/2021

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

Revision
ANSI/ESD STM7.1-2020, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Flooring Systems - Resistive Characterization (revision of ANSI/ESD STM7.1 -2013) Final Action Date: 1/7/2021

ESTA (Entertainment Services and Technology Association)
271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 p: (212) 244-1505 w: www.esta.org

Revision
ANSI E1.54-2021, ESTA Standard for Color Communication in Entertainment Lighting (revision of ANSI E1.54-2015) Final Action Date: 1/7/2021

IAPMO (Z) (International Association of Plumbing & Mechanical Officials)
5001 East Philadelphia Street, Ontario, CA 91761 p: (909) 230-5534 w: https://www.iapmostandards.org

New Standard
ANSI/IAPMO Z1349-2021, Devices for Detection, Monitoring or Control of Plumbing Systems (new standard) Final Action Date: 1/4/2021

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
1055 Crupper Avenue, Columbus, OH 43229-1183 p: (614) 431-3236 w: www.nationalboard.org

Revision
ANSI/NB-23 2021 Edition-2021, National Board Inspection Code (revision, redesignation and consolidation of ANSI/NB-23-2019) Final Action Date: 1/4/2021

NEMA (National Electrical Manufacturers Association)
1300 North 17th Street, Suite 900, Rosslyn, VA 22209 p: (703) 841-3264 w: www.nema.org

Revision
ANSI/NEMA MW 1000-2020, Magnet Wire (revision of ANSI/NEMA MW 1000-2018) Final Action Date: 1/7/2021

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

Revision
ANSI/NFPA 12A-2022, Standard on Halon 1301 Fire Extinguishing Systems (revision of ANSI/NFPA 12A -2018) Final Action Date: 12/30/2020

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02269-9101 p: (617) 984-7248 w: www.nfpa.org

Revision

ANSI/NFPA 1145-2022, Guide for the Use of Class A Foams in Fire Fighting (revision of ANSI/NFPA 1145 -2017) Final Action Date: 12/26/2020

NSF (NSF International)

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

Revision

ANSI/NSF 37-2021 (i7r1), Air Curtain for Entranceways for Food and Food Service Establishments (revision of ANSI/NSF 37-2017) Final Action Date: 1/5/2021

Revision

ANSI/NSF 40-2021 (i36r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2018) Final Action Date: 1/4/2021

Revision

ANSI/NSF 42-2021 (i108r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42 -2020) Final Action Date: 1/4/2021

Revision

ANSI/NSF 46-2021 (i35r1), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2020) Final Action Date: 1/5/2021

Revision

ANSI/NSF 49-2021 (i141r4), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019) Final Action Date: 1/4/2021

Revision

ANSI/NSF 173-2021 (i82r4), Dietary Supplements (revision of ANSI/NSF 173-2020) Final Action Date: 1/5/2021

Revision

ANSI/NSF 245-2021 (i18r1), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2018) Final Action Date: 1/4/2021

Revision

ANSI/NSF/CAN 50-2021 (i165r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2019) Final Action Date: 1/4/2021

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

ANSI/SCTE 98-2020, Test Method for Withstand Tightening Torque - F Male (revision of ANSI/SCTE 98 -2014) Final Action Date: 1/7/2021

Revision

ANSI/SCTE 212-2020, Cable Operator Energy Audit Framework and Establishment of Energy Baseline (revision of ANSI/SCTE 212-2015) Final Action Date: 1/4/2021

UL (Underwriters Laboratories)
12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-1851 w: https://ul.org/

Revision
ANSI/UL 823-2021, Standard for Safety for Electric Heaters for Use in Hazardous (Classified) Locations Electric Heaters (revision of ANSI/UL 823-2019) Final Action Date: 1/11/2021

Revision
ANSI/UL 2231-2-2020, Standard for Safety for Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits; Part 2: Particular Requirements for Protection Devices for Use in Charging Systems (revision of ANSI/UL 2231-2-2016) Final Action Date: 12/15/2020

Revision
ANSI/UL 2237-2021, Standard for Safety for Multi-Point Interconnection Power Cable Assemblies for Industrial Machinery (revision of ANSI/UL 2237-2019) Final Action Date: 1/8/2021

Revision
ANSI/UL 8750-2021, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2020) Final Action Date: 1/5/2021

Call for Members (ANS Consensus Bodies)

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

ISA (International Society of Automation)
67 Alexander Drive, Research Triangle Park, NC 27709 p: (919) 990-9213 w: www.isa.org
Charles Robinson; crobinson@isa.org

BSR/ISA 10628-2 (ISO-10628-2 Mod)-202x, Diagrams for the chemical and petrochemical industry - Part 2: Graphical symbols (national adoption with modifications of ISO 10628-2)

ISA (International Society of Automation)
67 Alexander Drive, Research Triangle Park, NC 27709 p: (919) 990-9228 w: www.isa.org
Eliana Brazda; ebrazda@isa.org

BSR/ISA 75.19.01-202x, Hydrostatic Testing of Control Valves (revision of ANSI/ISA 75.19.01-2013)

NASBLA (National Association of State Boating Law Administrators)
1648 McGrathiana Parkway, Suite 360, Lexington, KY 40511 p: (859) 225-9487 w: www.nasbla.org
Pamela Dillon; pam@nasbla.org

BSR/NASBLA 100-202x, Basic Boating Knowledge - Core (new standard)

BSR/NASBLA 101-202x, Basic Boating Knowledge - Plus Human-Propelled (revision of ANSI/NASBLA 101-2017)

BSR/NASBLA 102-202x, Basic Boating Knowledge - Plus Sailing (revision of ANSI/NASBLA 102-2017)

BSR/NASBLA 103.1-202x , Supplement - Basic Boating Knowledge - Plus Water-Jet Propelled (revision of ANSI/NASBLA 103.1-2018)

BSR/NASBLA 103-202x, Basic Boating Knowledge - Plus Power (revision of ANSI/NASBLA 103-2016)

NSF (NSF International)
789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-5643 w: www.nsf.org
Monica Leslie; mleslie@nsf.org

BSR/NSF 55-202x (i54r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2019)

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

AAMI (Association for the Advancement of Medical Instrumentation)

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

BSR/AAMI/ISO 5840-1-202x, Cardiovascular implants - Cardiac valve prostheses - Part 1: General requirements (identica national adoption of ISO 5840-1:2020 and revision of ANSI/AAMI/ISO 5840-1-2015).
US adoption of AAMI/ISO 5840-1-202x, Cardiovascular implants - Cardiac valve prostheses - Part 1: General requirements. Applicable to heart valve substitutes intended for implantation and provides general requirements. Subsequent parts of the ISO 5840 series provide specific requirements. Applicable to newly developed and modified heart valve substitutes and to the accessory devices, packaging, and labelling required for their implantation and for determining the appropriate size of the heart valve substitute to be implanted. Seeking industry, user, regulator and general interest participation.

BSR/AAMI/ISO 5840-2-202x, Cardiovascular implants - Cardiac valve prostheses - Part 2: Surgically implanted heart valve substitutes (identical national adoption of ISO 5840-2:2020 and revision of ANSI/AAMI/ISO 5840-2-2015).
US adoption of AAMI/ISO 5840-2-202x, Cardiovascular implants - Cardiac valve prostheses - Part 2: Surgically implanted heart valve substitutes. Applicable to heart valve substitutes intended for implantation in human hearts, generally requiring cardiopulmonary bypass and generally with direct visualization. Applicable to both newly developed and modified surgical heart valve substitutes and to the accessory devices, packaging, and labelling required for their implantation and for determining the appropriate size of the surgical heart valve substitute to be implanted. Seeking industry, user, regulator and general interest participation.

BSR/AAMI/ISO 5840-3-202x, Cardiovascular implants - Cardiac valve prostheses - Part 3: Heart valve substitutes implanted by transcatheter techniques (national adoption of ISO 5840-3:2020 with modifications and revision of ANSI/AAMI/ISO 5840-3-2012).
US adoption of AAMI/ISO 5840-3-202x, Cardiovascular implants - Cardiac valve prostheses - Part 3: Heart valve substitutes implanted by transcatheter techniques. Applicable to all devices intended for implantation as a transcatheter heart valve substitute. Applicable to transcatheter heart valve substitutes and to the accessory devices, packaging and labelling required for their implantation and for determining the appropriate size of heart valve substitute to be implanted. Seeking industry, user, regulator and general interest participation.

BSR/AAMI/ISO 25539-2-202x, Cardiovascular implants - Endovascular devices - Part 2: Vascular stents (identical national adoption of ISO 25539-2:2020, Cardiovascular implants - Endovascular devices - Part 2: Vascular stents, and revision of ANSI/AAMI/ISO 25539-2-2012).
US adoption of AAMI/ISO 25539-2-202x, Cardiovascular implants - Endovascular devices - Part 2: Vascular stents. Specifies requirements for the evaluation of stent systems (vascular stents and delivery systems) and requirements with respect to nomenclature, design attributes and information supplied by the manufacturer, based upon current medical knowledge. Guidance for the development of in vitro test methods is included. Seeking industry, user, regulator and general interest participation.

Call for Members (ANS Consensus Bodies)

ANSI Accredited Standards Developer

CSA America Standards Inc. (CSA)

Fuel Cell Technical Committee

CSA Group, an ANSI-accredited SDO, is seeking additional experts to serve on the bi-national Fuel Cell Technical Committee. The Fuel Cell Technical Committee develops and maintains minimum safety standards and essential requirements for the design construction and maintenance of:
a) stationary, portable, and micro fuel cells;
b) hydrogen generation technologies using all fuels (e.g., electrolysis, coal, natural gas);
c) related components and equipment for stationary, portable and micro fuel cells; and
d) related components and equipment installed for hydrogen generation technologies using all fuels.

We are seeking interested stakeholders who will actively participate and contribute to the development and maintenance of these important standards through CSA's accredited Standards Development Process(es).

The Technical Committee is seeking members in the following categories:

User interest — those who predominantly represent consumer interests or end users of the subject product(s), material (s), or service(s), and who are not involved in any way in production or distribution of the subject product(s), material (s), or service(s).

Regulatory authority — those who are predominantly involved in regulating the use of the subject product(s), material (s), or service(s).

What is expected?
· Strong interest and knowledge of the subject matter
· Active participation and willingness to work on a Technical Committee electronically and in-person
· Ability to represent a stakeholder category outlined above
· Ability to work in a multi-stakeholder environment, following the principles of consensus

If you are interested in participating as a new member of the CSA Fuel Cell Technical Committee,
please submit a brief bio along with a statement outlining your interest and ability to contribute to the work to Mark Duda at mark.duda@csagroup.org. If you know of a colleague who may be interested in this project, feel free to distribute this document

Call for Members (ANS Consensus Bodies)

ANSI Accredited Standards Developer

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

The InterNational Committee for Information Technology Standards (INCITS), an ANSI accredited SDO, is the forum of choice for information technology developers, producers and users for the creation and maintenance of formal de jure IT standards. INCITS' mission is to promote the effective use of Information and Communication Technology through standardization in a way that balances the interests of all stakeholders and increases the global competitiveness of the member organizations.
The INCITS Executive Board serves as the consensus body with oversight of its 40+ Technical Committees. Additionally, the INCITS Executive Board has the international leadership role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

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

Membership in all interest categories is always welcome; however, the INCITS Executive Board seeks to broaden its membership base in the following categories:
• Service Providers
• Users
• Standards Development Organizations and Consortia
• Academic Institutions

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

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

American National Standards (ANS) Announcements

ANS Title Change

ISA (Organization) - International Society of Automation

ANSI/ISA-62443-4-1-2018

The title of ANSI/ISA 62443-4-1-2018 has been changed to mirror IEC 62443-4-1:2018, Security for industrial automation and control systems - Part 4-1: Secure product development lifecycle requirements.
The current title of ANSI/ISA 62443-4-1-2018:
"Security for industrial automation and control systems, Part 4-1: Product security development life-cycle requirements' is hereby replaced with ANSI/ISA 62443-4-1-2018:
"Security for industrial automation and control systems - Part 4-1: Secure product development lifecycle requirements"
Inquiries may be directed to Eliana Brazda; ebrazda@isa.org

Corrections

NFPA - National Fire Protection Association

NFPA 1192 - under Project Initiation Notification System (PINS

BSR/NFPA 1192-202x proposal for the (revision of ANSI/NFPA 1192-2021) is properly announced in this edition of Standards Action under the Project Initiation Notification System (PINS). It was mistakenly placed under the Call for Comment section of the January 8, 2021 Standards Action

Accreditation Announcements (Standards Developers)

Approval of Accreditation – ASD

MedBiq - MedBiquitous - the standards development program of the AAMC

Effective January 6, 2021

ANSI's Executive Standards Council has approved MedBiquitous, the standards development program of the American Association of Medical Colleges (MedBiq), a new ANSI member in 2020, as an ANSI Accredited Standards Developer (ASD) under its proposed operating procedures for documenting consensus on MedBiquitous-sponsored American National Standards, effective January 6, 2021. For additional information, please contact: Johmarx Patton, MD, MHI, Director, Educational Technology and Standards, Association of American Medical Colleges, 655 K Street, N.W., Washington, D.C. 20001-2399; phone: 202.828.0648; email: jpatton@aamc.org

Approval of Reaccreditation – ASD

FM - FM Approvals

Effective January 8, 2021

The reaccreditation of FM Approvals, an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under its recently revised operating procedures for documenting consensus on FM Approvals-sponsored American National Standards, effective January 8, 2021. For additional information, please contact: Ms. Josephine Mahnken, Senior Business Process Specialist, FM Approvals, P.O. Box 9102, 1151 Boston-Providence Turnpike, Norwood, MA 02062; phone: 781.255.4813; email: josephine.mahnken@fmapprovals.com

Public Review of Revised ASD Operating Procedures

IEEE - Institute of Electrical and Electronics Engineers

Comment Deadline: February 16, 2021

IEEE, an ANSI Member and Accredited Standards Developer, has submitted revisions to its currently accredited IEEE-SA Standards Board Operating Manual and IEEE-SA Standards Board Bylaws for documenting consensus on IEEE-sponsored American National Standards under which it was last reaccredited in 2020. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised bylaws and operations manual or to offer comments, please contact: Mr. David Ringle, Director, SA Governance, IEEE Standards Association, 445 Hoes Lane, Piscataway, NJ 08854-4141; phone: 732.562.3806, Email: d.ringle@ieee.org. You may view/download a copy of the revisions during the public review period at the following URL: https://share.ansi.org/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2FShared%20Documents%2FStandards%20Activities%2FPublic%20Review%20and%20Comment%2FANS%20Accreditation%20Actions%2FJanuary%2015%20%2D%20February%2016%2C%202021%20Public%20Review%20Period . Please submit any public comments on the revised procedures to IEEE by February 16, 2021, with a copy to the ExSC Recording Secretary in ANSI's New York Office (E-mail: Jthompso@ANSI.org

American National Standards (ANS) Process

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

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

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

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

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.

- **AAMI (Association for the Advancement of Medical Instrumentation)**
- **AARST (American Association of Radon Scientists and Technologists)**
- **AGA (American Gas Association)**
- **AGSC (Auto Glass Safety Council)**
- **ASC X9 (Accredited Standards Committee X9, Incorporated)**
- **ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**
- **ASME (American Society of Mechanical Engineers)**
- **ASTM (ASTM International)**
- **GBI (Green Building Initiative)**
- **HL7 (Health Level Seven)**
- **IES (Illuminating Engineering Society)**
- **ITI (InterNational Committee for Information Technology Standards)**
- **MHI (Material Handling Industry)**
- **NAHBRC (NAHB Research Center, Inc.)**
- **NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)**
- **NCPDP (National Council for Prescription Drug Programs)**
- **NEMA (National Electrical Manufacturers Association)**
- **NISO (National Information Standards Organization)**
- **NSF (NSF International)**
- **PRCA (Professional Ropes Course Association)**
- **RESNET (Residential Energy Services Network, Inc.)**
- **SAE (SAE International)**
- **TCNA (Tile Council of North America)**
- **TIA (Telecommunications Industry Association)**
- **UL (Underwriters Laboratories)**

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit ANSI Online at www.ansi.org/asd, select "American National Standards Maintained Under Continuous Maintenance." Questions? psa@ansi.org.

ANSI-Accredited Standards Developers Contacts

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

API
American Petroleum Institute
200 Massachusetts Avenue NW
Washington, DC 20001
p: (202) 682-8056
www.api.org

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

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

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

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

AWS
American Welding Society
8669 NW 36th Street
Suite 130
Miami, FL 33166-6672
p: (305) 443-9353 301
www.aws.org

BIFMA
Business and Institutional Furniture Manufacturers Association
678 Front Ave. NW
Grand Rapids, MI 49504
p: (616) 591-9798
www.bifma.org

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

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

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

ESTA
Entertainment Services and Technology Association
271 Cadman Plaza
P.O. Box 23200
Brooklyn, NY 11202-3200
p: (212) 244-1505
www.esta.org

IAPMO (Z)
International Association of Plumbing & Mechanical Officials
5001 East Philadelphia Street
Ontario, CA 91761
p: (909) 230-5534
https://www.iapmostandards.org

ISA (Organization)
International Society of Automation
67 Alexander Drive
Research Triangle Park, NC 27709
p: (919) 990-9213
www.isa.org

NASBLA
National Association of State Boating Law Administrators
1648 McGrathiana Parkway
Suite 360
Lexington, KY 40511
p: (859) 225-9487
www.nasbla.org

NBBPVI
National Board of Boiler and Pressure Vessel Inspectors
1055 Crupper Avenue
Columbus, OH 43229-1183
p: (614) 431-3236
www.nationalboard.org

NEMA (ASC C12)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
p: (703) 477-9997
www.nema.org

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

NEMA (Canvass)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
p: (703) 841-3264
www.nema.org

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

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

PDA
Parenteral Drug Association
Bethesda Towers, 4350 East-West Highway
Suite 600
Bethesda, MD 20814
p: (301) 656-5900 Ext 106
www.pda.org

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

UL
Underwriters Laboratories
333 Pfingsten Road
Northbrook, IL 60062-2096
p: (847) 664-3038
https://ul.org/

ISO & IEC Draft International Standards

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

COMMENTS

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

Those regarding IEC documents should be sent to Tony Zertuche, General Secretary, USNC/IEC, at ANSI's New York offices (tzertuche@ansi.org). The final date for offering comments is listed after each draft.

ORDERING INSTRUCTIONS

ISO and IEC Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO or IEC Draft to Customer Service at sales@ansi.org. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

ISO Standards

FEED MACHINERY (TC 293)

ISO/DIS 24378, Feed machinery terminology - 3/19/2021, $40.00

LIGHT METALS AND THEIR ALLOYS (TC 79)

ISO/DIS 7668, Anodizing of aluminium and its alloys - Measurement of specular reflectance and specular gloss of anodic oxidation coatings at angles of 20 degrees, 45 degrees, 60 degrees or 85 degrees - 3/19/2021, $58.00

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

ISO/DIS 24669, Water-absorbent polyacrylate in urine absorbing products - RequirementsRequirements - 3/19/2021, $33.00

IEC Standards

8B/70/CD, IEC TR 62898-4 ED1: Roadmap for decentralized electrical energy systems - Part 2: Microgrid use cases, 03/05/2021

18/1712/DC, Maritime battery requirements, 03/26/2021

21A/746/CD, IEC 63338 ED1: General guidance for reuse of secondary cells and batteries, 04/02/2021

22F/614/DTR, IEC TR 62001-1 ED2: High-voltage direct current (HVDC) systems - Guidance to the specification and design evaluation of AC filters - Part 1: Overview, 03/05/2021

22F/615/DTR, IEC TR 62001-4 ED2: High-voltage direct current (HVDC) systems - Guidance to the specification and design evaluation of AC filters - Part 4: Equipment, 03/05/2021

22F/616/DTR, IEC TR 62001-5 ED1: High-voltage direct current (HVDC) systems - Guidance to the specification and design evaluation of AC filters - Part 5: AC side harmonics and appropriate harmonic limits for high-voltage direct current (HVDC) systems with voltage sourced converters (VSC), 03/05/2021

29/1073(F)/CDV, 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, 03/26/2021

33/652/CD, IEC 60143-4 ED2: Series capacitors for power systems - Part 4: Thyristor controlled series capacitors, 04/02/2021

45A/1366/CDV, IEC 63186 ED1: Nuclear power plants - Instrumentation and control systems important to safety - Criteria for seismic trip system, 04/02/2021

45A/1367/CDV, IEC 60910 ED2: Nuclear power plants - Instrumentation systems important to safety - Containment monitoring for early detection of developing deviations from normal operation in light water reactors, 04/02/2021

45A/1373/FDIS, IEC/IEEE 63113 ED1: Nuclear facilities - Instrumentation important to safety - Spent fuel pool instrumentation, 02/19/2021

46A/1462/CD, IEC 61196-4 ED4: Coaxial communication cables - Part 4: Sectional specification for radiating cables, 04/02/2021

46A/1463/CD, IEC 61196-4-1 ED2: Coaxial communication cables - Part 4-1: Blank detail specification for radiating cables, 04/02/2021

46A/1464/NP, PNW 46A-1464 ED1: Coaxial communication cables - Part 1-126: Electrical test methods - Corona extinction voltage, 04/02/2021

46F/548/FDIS, IEC 61169-60 ED1: Radio-frequency connectors - Part 60: Sectional specification for RF coaxial connectors with push on mating - Characteristic impedance 50 Ohm (type SMPM), 02/19/2021

47/2683/NP, PNW 47-2683 ED1: Semiconductor devices - Measurement and evaluation methods of kinetic energy harvesting devices under practical vibration environment - Part 2: Human arm swing motion, 04/02/2021

47E/741/DTR, IEC TR 60747-5-12 ED1: Semiconductor devices - Part 5-12: Optoelectronic devices - Light emitting diodes - Test method of LED efficiencies, 03/05/2021

57/2338/CD, IEC 62351-9 ED2: Power systems management and associated information exchange - Data and communications security - Part 9: Cyber security key management for power system equipment, 04/02/2021

57/2342/DC, Revision of IEC 61968-4 ED2: System interfaces for distribution management - Part 4: Interfaces for records and asset management, 02/19/2021

59A/245/CD, IEC TS 63331 ED1: Electric dishwashers for household use - Methods for assessing the microbiological properties, 04/02/2021

59L/195/CD, IEC 61855 ED2: Household and similar use electrical hair care appliances - Methods for measuring the performance, 04/02/2021

61/6155(F)/CDV, IEC 60335-2-10 ED6: Household and similar electrical appliances - Safety - Part 2-10: Particular requirements for floor treatment machines and wet scrubbing machines, 03/26/2021

61/6156(F)/CDV, IEC 60335-2-13 ED7: Household and similar electrical appliances - Safety - Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances, 03/26/2021

61/6157(F)/CDV, IEC 60335-2-28 ED5: Household and similar electrical appliances - Safety - Part 2-28: Particular requirements for sewing machines, 03/26/2021

61/6158(F)/CDV, IEC 60335-2-36 ED7: Household and similar electrical appliances - Safety - Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, 03/26/2021

61/6159(F)/CDV, IEC 60335-2-37 ED7: Household and similar electrical appliances - Safety - Part 2-37: Particular requirements for commercial electric doughnut fryers and deep fat fryers, 03/26/2021

61/6160(F)/CDV, IEC 60335-2-38 ED6: Household and similar electrical appliances - Safety - Part 2-38: Particular requirements for commercial electric griddles and griddle grills, 03/26/2021

61/6161(F)/CDV, IEC 60335-2-39 ED7: Household and similar electrical appliances - Safety - Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans, 03/26/2021

61/6162(F)/CDV, IEC 60335-2-42 ED6: Household and similar electrical appliances - Safety - Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens, 03/26/2021

61/6163(F)/CDV, IEC 60335-2-44 ED4: Household and similar electrical appliances - Safety - Part 2-44: Particular requirements for ironers, 03/26/2021

61/6164(F)/CDV, IEC 60335-2-47 ED5: Household and similar electrical appliances - Safety - Part 2-47: Particular requirements for commercial electric boiling pans, 03/26/2021

61/6165(F)/CDV, IEC 60335-2-48 ED5: Household and similar electrical appliances - Safety - Part 2-48: Particular requirements for commercial electric grillers and toasters, 03/26/2021

61/6166(F)/CDV, IEC 60335-2-49 ED5: Household and similar electrical appliances - Safety - Part 2-49: Particular requirements for commercial electric hot cupboards, 03/26/2021

61/6167(F)/CDV, IEC 60335-2-50 ED5: Household and similar electrical appliances - Safety - Part 2-50: Particular requirements for commercial electric bains-marie, 03/26/2021

61/6168(F)/CDV, IEC 60335-2-52 ED4: Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for oral hygiene appliances, 03/26/2021

61/6169(F)/CDV, IEC 60335-2-55 ED4: Household and similar electrical appliances - Safety - Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds, 03/26/2021

61/6170(F)/CDV, IEC 60335-2-59 ED4: Household and similar electrical appliances - Safety - Part 2-59: Particular requirements for insect killers, 03/26/2021

61/6171(F)/CDV, IEC 60335-2-64 ED4: Household and similar electrical appliances - Safety - Part 2-64: Particular requirements for commercial electric kitchen machines, 03/26/2021

61/6172(F)/CDV, IEC 60335-2-74 ED3: Household and similar electrical appliances - Safety - Part 2-74: Particular requirements for portable immersion heaters, 03/26/2021

61/6173(F)/CDV, IEC 60335-2-78 ED3: Household and similar electrical appliances - Safety - Part 2-78: Particular requirements for outdoor barbecues, 03/26/2021

61/6174(F)/CDV, IEC 60335-2-99 ED2: Household and similar electrical appliances - Safety - Part 2-99: Particular requirements for commercial electric hoods, 03/26/2021

61/6175(F)/CDV, IEC 60335-2-106 ED2: Household and similar electrical appliances - Safety - Part 2-106: Particular requirements for heated carpets and for heating units for room heating installed under removable floor coverings, 03/26/2021

61/6176(F)/CDV, IEC 60335-2-119 ED1: Household and similar electrical appliances - Safety - Part 2-119: Particular requirements for vacuum packaging machines, 03/26/2021

62A/1422(F)/CDV, IEC 62304 Ed. 2: Health software - Software life cycle processes, 03/26/2021

62A/1424/CDV, IEC 63120 ED1: Refurbishment of medical electrical equipment, medical electrical systems and sub-assemblies and reuse of components as part of the extended life-cycle, 04/02/2021

62B/1231/CD, IEC 60806 ED2: Determination of the maximum symmetrical radiation field of X-ray tube assemblies or X-ray source assemblies for medical diagnosis, 04/02/2021

62C/800/CD, IEC 63322 ED1: Security of Medical Electrical Equipment Containing High-Activity Sealed Radioactive Sources, 04/02/2021

62D/1805/FDIS, ISO 80601-2-87 ED1: Medical electrical equipment - Part 2-87: Particular requirements for the basic safety and essential performance of high frequency critical care ventilators, 02/19/2021

69/741A/NP, PNW 69-741 ED1: Local Charging station management systems and Local Energy Management Systems network connectivity and information exchange, 01/29/2021

80/987/CD, IEC 63173-2 ED1: Maritime navigation and radiocommunication equipment and systems - Data interface - Part 2: Secure exchange and communication of S-100 based products (SECOM), 03/05/2021

82/1835/FDIS, IEC 62920/AMD1 ED1: Amendment 1 - Photovoltaic power generating systems - EMC requirements and test methods for power conversion equipment, 02/19/2021

82/1837/CD, IEC TS 63265 ED1: Reliability practices for the operation of photovoltaic power systems, 04/02/2021

86A/2074(F)/FDIS, IEC 60794-1-211 ED1: Optical fibre cables - Part 1 -211: Generic specification - Basic optical cable test procedures - Environmental test methods - Sheath shrinkage, method F11, 01/29/2021

86B/4416/CD, IEC 61300-3-27 ED2: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-27: Examinations and measurements - Method for measurement of guide-hole and fibre hole/core position of rectangular ferrules, 03/05/2021

86C/1699(F)/CDV, IEC 61757-5-1 ED1: Fibre optic sensors - Part 5-1: Tilt measurement - Tilt sensors based on fibre Bragg gratings, 03/26/2021

86C/1700(F)/CDV, IEC 61757-3-2 ED1: Fibre Optic Sensors - Part 3-2: Acoustic sensing and vibration measurement - Distributed sensing, 03/26/2021

86C/1702(F)/CDV, IEC 61757-2-1 ED1: Fibre Optic Sensors - Part 2-1: Temperature measurement - Temperature sensors based on fibre Bragg gratings, 03/26/2021

86C/1709/FDIS, IEC 62148-15 ED3: Fibre optic active components and devices - Package and interface standards - Part 15: Discrete vertical cavity surface emitting laser packages, 02/19/2021

91/1701/FDIS, IEC 60068-2-20 ED6: Environmental testing - Part 2 -20: Tests - Test Ta and Tb: Test methods for solderability and resistance to soldering heat of devices with leads, 02/19/2021

91/1703/DTR, IEC TR 62878-2-9 ED1: Device embedding assembly technology - Part 2-9: Guidelines - Concept of JISSO level in the electronic assembly technology industries, 03/05/2021

100/3535/CDV, IEC 61966-2-4/AMD2 ED1: Amendment 2 - Multimedia systems and equipment - Colour measurement and management - Part 2-4: Colour management - Extended-gamut YCC colour space for video applications - xvYCC (TA 2), 04/02/2021

100/3556/CD, IEC 63207 ED1: Measuring methods of blue-light characteristics and related optical performances for visual display terminal (TA 2), 04/02/2021

100/3533/CDV, IEC 62980 ED1: Parasitic communication protocol for radio-frequency wireless power transmission (TA 15), 04/02/2021

100/3534/CDV, IEC 63254 ED1: Management and Interfaces for WPT - Device to device wireless charging (D2DWC) for mobile devices with wireless power TX/RX module (TA 15), 04/02/2021

100/3548(F)/FDIS, IEC 63245-1 ED1: Spatial wireless power transfer based on multiple magnetic resonances - Part 1: Requirements, 01/29/2021

100/3555/CD, IEC 63288 ED1: Wireless Power Transfer - Measuring method for wireless power transfer efficiency and standby power - Mobile phone (TA 15), 04/02/2021

104/891/FDIS, IEC 60068-2-38 ED3: Environmental testing - Part 2 -38: Tests - Test Z/AD: Composite temperature/humidity cyclic test, 02/19/2021

110/1270/CDV, IEC 62906-5-7 ED1: Laser displays - Part 5-7: Measuring methods of image quality affected by speckle for scanning laser displays, 04/02/2021

110/1286/CD, IEC 62715-6-7 ED1: Flexible display devices - Part 6-7: Crease and waviness measurement methods, 03/05/2021

Newly Published ISO & IEC Standards

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

ISO Standards

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 939:2021, Spices and condiments - Determination of moisture content, $45.00

ISO 7970:2021, Wheat (Triticum aestivum L.) - Specification, $138.00

BASES FOR DESIGN OF STRUCTURES (TC 98)

ISO 8930:2021, General principles on reliability for structures - Vocabulary, $45.00

CORK (TC 87)

ISO 22308-1:2021, Cork bark selected as bottling product - Part 1: Sensory evaluation - Methodology for sensory evaluation by soaking, $68.00

CORROSION OF METALS AND ALLOYS (TC 156)

ISO 8407:2021, Corrosion of metals and alloys - Removal of corrosion products from corrosion test specimens, $68.00

FLUID POWER SYSTEMS (TC 131)

ISO 4406:2021, Hydraulic fluid power - Fluids - Method for coding the level of contamination by solid particles, $45.00

HYDROMETRIC DETERMINATIONS (TC 113)

ISO 3455:2021, Hydrometry - Calibration of current-meters in straight open tanks, $103.00

LIGHT METALS AND THEIR ALLOYS (TC 79)

ISO 23694:2021, Wrought magnesium and magnesium alloys - Extruded rods/bars and tubes, $103.00

NUCLEAR ENERGY (TC 85)

ISO 20043-1:2021, Measurement of radioactivity in the environment - Guidelines for effective dose assessment using environmental monitoring data - Part 1: Planned and existing exposure situation, $162.00

PAINTS AND VARNISHES (TC 35)

ISO 16474-3:2021, Paints and varnishes - Methods of exposure to laboratory light sources - Part 3: Fluorescent UV lamps, $103.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO 16073-6:2021, Wildland firefighting personal protective equipment - Requirements and test methods - Part 6: Footwear, $138.00

PLASTICS (TC 61)

ISO 22821:2021, Carbon-fibre-reinforced composites - Determination of fibre weight content by thermogravimetry (TG), $68.00

ISO 21304-2:2021, Plastics - Ultra-high-molecular-weight polyethylene (PE-UHMW) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties, $138.00

ROAD VEHICLES (TC 22)

ISO 15501-1/Amd1:2021, Road vehicles - Compressed natural gas (CNG) fuel systems - Part 1: Safety requirements - Amendment 1, $19.00

ISO 19723-1/Amd1:2021, Road vehicles - Liquefied natural gas (LNG) fuel systems - Part 1: Safety requirements - Amendment 1, $19.00

ISO 13044-2:2021, Road vehicles - Fully automatic coupling systems 24 V (FACS) for heavy commercial vehicle combinations - Part 2: Electrical and pneumatic interface for 50 mm fifth wheel couplings, $162.00

SECURITY (TC 292)

ISO 22341:2021, Security and resilience - Protective security - Guidelines for crime prevention through environmental design, $138.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 15370:2021, Ships and marine technology - Low-location lighting (LLL) on passenger ships - Arrangement, $162.00

SOLID RECOVERED FUELS (TC 300)

ISO 21644:2021, Solid recovered fuels - Methods for the determination of biomass content, $185.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO 19609-1:2021, Traditional Chinese medicine - Quality and safety of raw materials and finished products made with raw materials - Part 1: General requirements, $138.00

ISO 19609-2:2021, Traditional Chinese medicine - Quality and safety of raw materials and finished products made with raw materials - Part 2: Identity testing of constituents of herbal origin, $103.00

ISO Technical Reports

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TR 21186-1:2021, Cooperative intelligent transport systems (C-ITS) - Guidelines on the usage of standards - Part 1: Standardization landscape and releases, $138.00

ISO Technical Specifications

NANOTECHNOLOGIES (TC 229)

ISO/TS 23362:2021, Nanotechnologies - Nanostructured porous alumina as catalyst support for vehicle exhaust emission control - Specification of characteristics and measurement methods, $68.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14496-32:2021, Information technology - Coding of audio-visual objects - Part 32: File format reference software and conformance, $138.00

IEC Standards

FLAT PANEL DISPLAY DEVICES (TC 110)

IEC 62977-2-1 Ed. 1.0 en:2021, Electronic displays - Part 2-1: Measurements of optical characteristics - Fundamental measurements, $352.00

FLUIDS FOR ELECTROTECHNICAL APPLICATIONS (TC 10)

IEC 62975 Ed. 1.0 b:2021, Natural esters - Guidelines for maintenance and use in electrical equipment, $235.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC 61158-4-19 Ed. 4.0 b:2019, Industrial communication networks - Fieldbus specifications - Part 4-19: Data-link layer protocol specification - Type 19 elements, $410.00

IEC 61158-5-12 Ed. 4.0 b:2019, Industrial communication networks - Fieldbus specifications - Part 5-12: Application layer service definition - Type 12 elements, $387.00

IEC 61158-5-15 Ed. 2.0 b:2010, Industrial communication networks - Fieldbus specifications - Part 5-15: Application layer service definition - Type 15 elements, $387.00

IEC 61158-5-25 Ed. 1.0 b:2019, Industrial communication networks - Fieldbus specifications - Part 5-25: Application layer service definition - Type 25 elements, $352.00

IEC 61158-5-26 Ed. 1.0 b:2019, Industrial communication networks - Fieldbus specifications - Part 5-26: Application layer service definition - Type 26 elements, $375.00

INSULATORS (TC 36)

IEC 60305 Ed. 5.0 b:2021, Insulators for overhead lines with a nominal voltage above 1000 V - Ceramic or glass insulator units for AC systems - Characteristics of insulator units of the cap and pin type, $82.00

IEC 60433 Ed. 4.0 b:2021, Insulators for overhead lines with a nominal voltage above 1000 V - Ceramic insulators for AC systems - Characteristics of insulator units of the long rod type, $47.00

S+ IEC 60305 Ed. 5.0 en:2021 (Redline version), Insulators for overhead lines with a nominal voltage above 1000 V - Ceramic or glass insulator units for AC systems - Characteristics of insulator units of the cap and pin type, $107.00

S+ IEC 60433 Ed. 4.0 en:2021 (Redline version), Insulators for overhead lines with a nominal voltage above 1000 V - Ceramic insulators for AC systems - Characteristics of insulator units of the long rod type, $61.00

SECONDARY CELLS AND BATTERIES (TC 21)

IEC 62485-6 Ed. 1.0 b:2021, Safety requirements for secondary batteries and battery installations - Part 6: Safe operation of lithium-ion batteries in traction applications, $164.00

IEC 63115-2 Ed. 1.0 b:2021, Secondary cells and batteries containing alkaline or other non-acid electrolytes - Sealed nickel-metal hydride cells and batteries for use in industrial applications - Part 2: Safety, $164.00

IEC Technical Reports

SWITCHGEAR AND CONTROLGEAR (TC 17)

IEC/TR 62271-312 Ed. 1.0 en:2021, High-voltage switchgear and controlgear - Part 312: Guidance for the transferability of type tests of high-voltage/low-voltage prefabricated substations, $352.00

IEC Technical Specifications

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

IEC/TS 62607-8-2 Ed. 1.0 en:2021, Nanomanufacturing - Key control characteristics - Part 8-2: Nano-enabled metal-oxide interfacial devices - Test method for the polarization properties by thermally stimulated depolarization current, $117.00

International Organization for Standardization (ISO)

Call for Comment on ISO Standard

ISO 26000 - Guidance on Social Responsibility Activity

Comment Deadline: January 29, 2021

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

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

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

ISO New Work Item Proposal

Guidelines for Organizations to Increase Understanding of Online Terms and Conditions

Comment Deadline: January 22, 2021

ISO COPOLCO (the ISO policy development committee on consumer policy) in cooperation with BSI (the ISO member from the United Kingdom) has submitted to ISO a proposal for a new work item proposal for the development of an ISO standard on guidelines for organizations to increase consumer understanding of online terms and conditions, with the following scope statement:
Specification of guidance to the providers of goods, services and digital content on the clear design and presentation of online terms and conditions to maximize consumer understanding and reduce detriment.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, January 22, 2021.

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Assistance Dogs

Comment Deadline: February 26, 2021

NEN, the ISO member body for [Netherlands], has submitted to ISO a proposal for a new field of ISO technical activity on Assistance Dogs, with the following scope statement:
Standardization in the field of assistance dogs focused on, but not limited to;

- terminology
- health and welfare
- breeding and puppy development
- training
- client services
- assistance dog professionals
- conformity assessment, and
- accessibility

Assistance dogs are specifically trained to perform tasks to increase independence and to mitigate limitations of a person with a disability.
Excluded are:

- dogs that offer only emotional support and/or comfort (i.e. emotional support dogs)
- dog assisted interventions such as facility dogs or dog assisted therapy
- other kinds of working dogs such as herding dogs, police dogs, search & rescue dogs

Background information:
An assistance dog is permanently paired with a person with a disability to perform on a one-to-one basis tasks to mitigate the limitations of this person.
Please note that 'assistance dog' is the umbrella term. Examples of assistance dogs (in alphabetical order) are autism assistance dogs, developmental disorder assistance dogs, diabetes assistance dogs, guide dogs, hearing dogs, medical alert/response assistance dogs, mobility assistance dogs, PTSD assistance dogs, seizure assistance dogs.
In some countries, an assistance dog is referred to as a service dog.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, February 26, 2021.

US Participation in International Standards Development

Call for Participation/Experts

Opportunity for experts to participate in INCITS/Artificial Intelligence Technical Committee

Artificial intelligence (AI) is currently a much talked-about technology and holds much promise. AI is already used in many products and services, e.g., in healthcare, online fraud protection, predictive analytics, recommendation engines, and many other areas. In fact, almost every segment is expected to be impacted by AI. While AI brings many benefits, it also raises concerns, for instance regarding data privacy, unintended bias and ethical and societal concerns of people who use or come into contact with such technologies, or whose personal data may be used by these systems.Created under the auspices of ISO/IEC JTC 1, the information technology arm of ISO and the IEC, subcommittee SC 42, Artificial intelligence, is the only standards body looking at AI holistically.

INCITS/AI, the US Technical Advisory Group to ISO/IEC JTC 1/SC 42 on Artificial Intelligence, represents US interests in the development of international standards. It was established in 2018, in response to international standardization needs. Last month, SC42 had its sixth plenary and INCITS/AI facilitated the participation of US delegates.

There are now over 20 projects currently under development. These include:

· ISO/IEC 22989, Artificial intelligence - Concepts and terminology
· ISO/IEC 23053, Framework for Artificial intelligence (AI) systems using machine learning (ML)
· ISO/IEC 42001, Information technology – Artificial intelligence – Management system:
· ISO/IEC 24668, Information technology – Artificial intelligence – Process management
· framework big data analytics
· ISO/IEC 5259-1, Data quality for analytics and ML — Part 1: Overview, terminology, and examples
· ISO/IEC 5259-3, Data quality for analytics and ML — Part 3: Data Quality Management Requirements and Guidelines
· ISO/IEC 5259-4, Data quality for analytics and ML — Part 4: Data quality process framework
· ISO/IEC TR 24027 Information technology — Artificial intelligence (AI) — Bias in AI
· systems and AI aided decision making
· ISO/IEC 5338, Information technology – Artificial intelligence – AI system life cycle processes

Additionally, a new Technical Report (ISO/IEC TR 24028: 2020) was recently published and provides an overview of topics relevant to building trustworthiness of AI systems. One of its aims is to assist the standards community in identifying specific standardization gaps in AI.

To learn more about membership in INCITS/AI, visit http://www.incits.org/participation/membership-info or contact Lynn Barra at lbarra@itic.org.

US Participation in International Standards Development Activities

Call for Participation/Experts

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

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

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

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

- Revision of ISO/IEC 27002 which is a signature standard in the ISO/IEC 27000 family that gives guidelines for organizational information security standards and information security management practices as well as exploring machine readable versions of the standard
- New cryptographic standards to address fully Homomorphic encryption, format preserving encryption, and quantum-resilient algorithms
- Revision of the multi-part ISO/IEC 27036 supply chain security standard
- Exploring the use of the new ISO/IEC 15408 (Common Criteria for Information Technology Security Evaluation) with complex systems as well as with cloud computing
- Security and privacy standards for IoT
- New privacy guidelines for fintech services
- Exploring the impact of artificial intelligence (AI) on security and privacy

INCITS/Cyber Security meetings are typically held no more than once a month with virtual access as an option. Participation can range from simple monitoring of the activities to full technical engagement with contributions and comments on draft standards. In the case of the latter, standing ad hoc groups have been established to facilitate technical dialogue and collaboration. In addition, all members are eligible to attend the SC 27 international meetings.

To learn more about membership in INCITS/CS1, visit http://www.incits.org/participation/membership-info or contact Lynn Barra at lbarra@itic.org.

Registration of Organization Names in the United States

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

DISH Wireless

Comments Deadline: February 12, 2021

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

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

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations notified by Member countries of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), Members are required to notify proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn the Secretariat issues and makes available these notifications. The purpose of the notification requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

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

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

For further information about the USA TBT Inquiry Point, please visit: https://www.nist.gov/standardsgov/what-we-do/trade-regulatory-programs/usa-wto-tbt-inquiry-point Contact the USA TBT Inquiry Point at (301) 975-2918; F: (301) 926-1559; E: usatbtep@nist.gov or notifyus@nist.gov.

Tracking number 55i54r1
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Revision to NSF/ANSI 55-2020
Issue 54 Revision 1 (December 2020)

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

NSF/ANSI Standard
for Drinking Water Treatment Units –

Ultraviolet Microbiological Water Treatment Systems

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7 Elective performance claims – Test methods

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7.2.2.8.2 Acceptance

7.2.2.8.2.1 Class A systems

For Class A systems, the geometric mean of all MS-2 coliphage plaques on influent samples minus the geometric mean of counts on all effluent samples for each unit under test shall demonstrate a log reduction greater than or equal to the reduction caused by a dose of 40 mJ/cm2 [4.0 × 104 µW-sec/cm2] as calibrated in Section 7.2.2.

7.2.2.8.2.2 Class B systems

For Class B systems or components, the geometric mean of all T1 coliphage cell counts on influent samples minus the geometric mean of counts on all effluent samples for each unit under test shall demonstrate a log reduction equivalent to or greater than the reduction caused by a dose of 16 mJ/cm2 [1.6 × 104 µW-sec/cm2] as calibrated in Section 7.2.2

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7.3.1.8.2 Acceptance

7.3.1.8.2.1 Class A systems

For Class A systems, the geometric mean of all Qβ coliphage plaques on influent samples minus the geometric mean of counts on all effluent samples for each unit under test shall demonstrate a log reduction greater than or equal to 4.00.

7.3.1.8.2.2 Class B systems

For a Class B system which is evaluated with the UV source irradiance at normal output, the geometric mean of all Qβ coliphage plaques on influent samples minus the geometric mean of counts on all effluent samples for each unit under test shall demonstrate a log reduction greater than or equal to 2.14.

For a Class B system which is evaluated with the UV source irradiance at 70% of normal output or at the alarm setpoint, the geometric mean of all Qβ coliphage plaques on influent samples minus the geometric mean of counts on all effluent samples shall demonstrate a log reduction greater than or equal to 1.50.

Rationale: Revised per 2020 DWTU JC meeting discussion (October 26, 2020) to clarify that the pass/fail criteria applies to each unit under test.

BSR/UL 79, Standard for Safety for Power-Operated Pumps for Petroleum Dispensing Products

1. Revision to Endurance Test

45.2 This test is to be conducted on a sample previously subjected to the Deformation Test, Section 42, and the Leakage Test, Section 43. The test pump is to be connected to an electric motor sized to operate the pump under the following conditions without causing the motor to overheat, or to an air inlet liquid source at the maximum inlet pressure and flow capacity to enable operation of the pump under the following conditions. The pump is to be operated ~~continuously~~ for 300 hours; 250 hours at a pressure differential of 20 percent of the maximum discharge pressure developed by the pump and 50 hours at the maximum discharge pressure developed by the pump. Serviceable components of the pump, except seals, may be replaced upon failure and are defined as rotors, vanes, and shaft key provided that dynamic seals are undisturbed.

BSR/UL 82, Standard for Safety For Electric Gardening Appliances

1. Revisions To Paragraph SA2.2 To Clarify The Application Of Test Requirements To Battery Powered Gardening Appliances With Respect To Accessible Parts And The Mold Stress Test

PROPOSAL

SA2.2 In reference to Indent A of Appendix D of UL 2595, except as indicated elsewhere in UL 2595, the following requirements in this end product standard do not apply or are amended as indicated below:

a) The requirements in 5.3, 5.5, 5.6, 5.20, 5.21, and Sections 6, 7, 10, 13, 14, 16, 19 – 23, 26 – 33, 35, 37, 38 – 42, 45, 46, 48 – 51, 56, 58, 60, 62, 64, 67 – 85 do not apply in their entirety.

b) The requirements in 1.1, 4.3 – 4.5, 4.7, 4.16, 4.19, 4.25, 4.26, 4.29, 4.30, 5.2.1, 5.4, 5.5.2, 5.9, 5.11, 5.12, 5.15, 5.17.3, 5.18, 5.19, 5.22, 5.23, 6.2.2, 15.1.10, 15.1.11, 15.2, 17.1, 17.2.2, 18.1, 18.5, 18.6, 35.1, 35.2, 44.1, 44.4, 44.5, 52.5, 52.6, 52.7, 53.6, 54.1.4 (c) – (g), 54.2.2 (a) and (b), 55.5, 63.5 and 65.4 do not apply.

c) For 5.16 the overcurrent protection devices are specified in those cases where a fuse is used to comply with the requirements for Circuit Current Conditions of UL 2595.

d) The requirements in Controls Using a Temperature Sensing Device, 25.4 and Controls Using a Temperature Sensing Device, Section 25.5 as they relate to protective controls is applicable unless compliance with the requirements for safety critical functions are determined. See SA2.8.

e) The portions of Water Spray Test, Section 34 that require the outcome of conditioning or testing to comply with dielectric voltage withstand and/or leakage current, and the wetting of any electrical components, shall instead consider increased risk of injury to persons, fire or shock for those areas where the voltages are in excess of the hazardous voltage; see Section 8, ~~Handles~~ Protection Against Electric Shock, of UL 2595. ~~In the application of Section 8, Handles, of UL 2595, a part that is wetted during the testing of Water Spray Test, Section 34 is considered an accessible part.~~

f) With reference to the requirements in Structural Integrity Test, Section 62.2, 40.3 and Throwback Test, Section 62.4, the test is to be conducted with a fully charged battery as specified in UL 2595.

g) For Balance Test, Section 42 the test is to be conducted with the battery pack, if any, installed.

h) The test specified in Resistance to Impact Test – Appliances, Section 44.2 applies to the appliance, but the acceptance/compliance criteria of the Mechanical Strength Test of UL 2595 shall be applied. With reference to 44.3.5, the repeated impact or drop test after conditioning is not required to be conducted.

i) For Permanence of Marking Tests, Section 47 a required marking on a pressure sensitive label that complies with UL 969, under the conditions of occasional exposure to oil, humidity, and water complies with this requirement.

BSR/UL 561, Standard for Safety for Floor-Finishing Machines

1. Proposed Revision to Replace the References to the Standard For Power Conversion Equipment, UL 508C, With Reference to the Standard For Adjustable Speed Electric Power Drive Systems, UL 61800-5-1

PROPOSAL

4.14.4.4 Except as indicated in 4.14.4.3, electronically protected motor circuits shall comply with one of the following. See 4.5.4 for basic control requirements.

a) The Standard for Tests for Safety-Related Controls Employing Solid-State Devices, UL 991. When the protective electronic circuit is relying upon software as a protective component, it shall comply with the requirements in the Standard for Software in Programmable Components, UL 1998. If software is relied upon to perform a safety function, it shall be considered software Class 1; or

b) The Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, UL 60730-1. If software is relied upon to perform a safety function, it shall be considered software Class B; or

c) The Standard for ~~Power Conversion Equipment, UL 508C~~ Adjustable Speed Electrical Power Drive Systems – Part 5-1: Safety Requirements – Electrical, Thermal, and Energy, UL 61800-5-1.

Exception: Compliance with the above standards is not required for an electronically protected motor circuit if there is no risk of fire, electric shock, or personal injury during abnormal testing with the motor electronic circuit rendered ineffective; compliance with the applicable requirements of this end product standard is then required.

4.5.4 Motor and speed controls

4.5.4.1 A control used to start, stop, regulate or control the speed of a motor shall comply with the:

a) Standard for Solid-State Controls for Appliances, UL 244A;

b) Standard for Temperature-Indicating and - Regulating Equipment, UL 873;

c) Standard for Industrial Control Equipment, UL 508;

d) Standard for ~~Power Conversion Equipment, UL 508C~~ Adjustable Speed Electrical Power Drive Systems – Part 5-1: Safety Requirements – Electrical, Thermal, and Energy, UL 61800-5-1;

e) Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, UL 60730-1; or

f) Standard for Switchgear and Controlgear, Low-Voltage - Part 1: General Rules, UL 60947-1, and the Standard for Switchgear and Controlgear, Low-Voltage - Part 4-1: Contactors and Motor-Starters - Electromechanical Contactors and Motor-Starters, UL 60947-4-1A.

BSR/UL 2580, Standard for Safety for Batteries for Use in Electric Vehicles

3. Clarifications to capacity check requirements in Annex B and Annex D.

PROPOSAL

D2.2 Capacity check

D2.2.2 The cell shall be discharged at room temperature at a constant current at 0.2C rate down to the specified end of discharge voltage. The cell shall then be charged at 25 ±5°C (77 ±9°F) and in accordance with the recommended charging parameters ~~at the maximum charging rate and maximum charge temperature~~ specified by the manufacturer until fully charged. The cell shall then be allowed to stabilize at room ambient.

BSR/UL 62841-4-1, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 4-1: Particular Requirements For Chain Saws

1. Revisions To Clause 101.DVA.1.14 To Correct The Longitudinal Balance Test Method For Top-Handle Saws

PROPOSAL

101.DVA.1.14 Modification: Apply Clause K.19.111 of the Part 4 and replace the fourth and fifth paragraphs with the following:

The top handle CHAIN SAW shall be supported by a 10 mm diameter rod, positioned as close as possible behind the power switch. The rod shall be firmly attached to the rear handle by clamp or similar means so that the guide bar plane will be vertical. ~~on the FRONT HANDLE, positioned so that the GUIDE BAR plane is vertical. This support shall~~ The rod shall be supported on bearings to produce the lowest possible friction to allow CHAIN SAW rotation. ~~A segment of a suitable size of ball bearing may be used to achieve the low friction.~~ See Figure 2 of ISO 8334:2007.

For top handle CHAIN SAWS, the angle ß between the centreline of the GUIDE BAR and the horizontal plane as shown in Figure 2 of ISO 8334:2007 shall not exceed ±25°.

2. Addition Of National Difference To Clause K.1 To Delete Reference To Chain Saws As Not Applicable

PROPOSAL

K.1 Scope

This clause of Part 1 is applicable, except as follows:

Addition:

This standard applies to **chain saws** for cutting wood and designed for use by one person. This standard does not cover **chain saws** designed for use in conjunction with a guide-plate and riving knife or in any other way such as with a support or as a stationary or transportable machine.

This standard does not apply to

– **chain saws** for tree service as defined in ISO 11681-2; or

– pole-mounted pruners.

NOTE 101 Pole-mounted pruners will be covered by a future part of IEC 62841.

NOTE 102 In Europe (EN 62841-4-1), this annex does not apply to **chain saws** equipped with integral batteries and with a **maximum speed** of the **saw chain** exceeding 5 m/s.

The **chain saws** covered by this standard are designed only to be operated with the right hand on the **rear handle** and the left hand on the **front handle**.

K.1DV DR *Modification: For the United States of America only, delete the second item of the fourth paragraph of Clause K.1 of the Part 4:*

~~**– chain saws for tree service as defined in ISO 11681-2; or**~~