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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.

ANS (American Nuclear Society)

555 North Kensington Avenue, La Grange Park, IL 60526 www.ans.org
 Contact: Kathryn Murdoch; kmurdoch@ans.org

Revision

BSR/ANS 3.11-202x, Determining Meteorological Data for Nuclear Facilities (revision of ANSI/ANS 3.11-2015 (R2020))

Stakeholders: Owners/operators, DOE/National Laboratory meteorologists, emergency planners, environmental scientists, NEPA specialists, and safety basis analysts. Meteorological instrumentation manufacturers, meteorological data processing equipment manufacturers. DOE Meteorological Subcommittee (DMSC), Nuclear Utility Meteorological data User Group (NUMUG), and Nuclear Regulatory Commission (NRC).

Project Need: Recent technological advances for in situ and remote sensing instrumentation, recent turbulence typing techniques, and improved quality assurance techniques for handling meteorological data require revisions to the existing standard.

Scope: This standard provides the identification of which meteorological parameters should be measured relative to the specific monitoring program objectives, meteorological parameter accuracies, meteorological tower siting considerations, meteorological instrument mounting guidance, meteorological data monitoring and transmission methodologies, meteorological data reduction techniques, and quality assurance and completeness requirements.

BHMA (Builders Hardware Manufacturers Association)

17 Faulkner Drive, Niantic, CT 06357 www.buildershardware.com
 Contact: Michael Tierney; mtierney@kellencompany.com

Revision

BSR/BHMA A156.2-202x, Standard for Bored Locks and Latches (revision of ANSI/BHMA A156.2-2017)

Stakeholders: Architects, manufacturers, builders, specifiers, consumers.

Project Need: Regular update.

Scope: This Standard establishes performance requirements for bored and preassembled locks and latches, and includes dimensional criteria, operational tests, strength tests, cycle tests, security tests, and material evaluation tests.

BHMA (Builders Hardware Manufacturers Association)

17 Faulkner Drive, Niantic, CT 06357 www.buildershardware.com

Contact: Michael Tierney; mtierney@kellencompany.com

Revision

BSR/BHMA A156.13-202x, Standard for Mortise Locks (revision of ANSI/BHMA A156.13-2017)

Stakeholders: Architects, builders, specifiers, manufacturers, consumers.

Project Need: Regular update.

Scope: This Standard establishes performance requirements for Mortise Locks and Latches and includes operational, cycle, strength, material evaluation, security, and dimensional criteria.

BHMA (Builders Hardware Manufacturers Association)

17 Faulkner Drive, Niantic, CT 06357 www.buildershardware.com

Contact: Michael Tierney; mtierney@kellencompany.com

New Standard

BSR/BHMA A156.44-202x, Hardware for Architectural Glass Openings (new standard)

Stakeholders: Building owners, builders, specifiers, architects, manufacturers.

Project Need: To provide minimum performance requirements for architectural glass door hardware.

Scope: This Standard establishes performance requirements for hardware used on architectural glass openings and includes operational tests, cycle tests, strength tests, and security tests. This Standard establishes methods for defining levels of performance for various types of architectural hardware used to secure glass panels in position and to construct an opening.

INMM (ASC N14) (Institute of Nuclear Materials Management)

P.O. Box 2008, MS 6495, Oak Ridge National Laboratory, Oak Ridge, TN 37831-6495 www.inmm.org

Contact: Ronald Natali; N14secretary@gmail.com

Revision

BSR N14.1-202x, Uranium Hexafluoride - Packagings for Transport (revision of ANSI N14.1-2019)

Stakeholders: All organizations that package and transport Uranium Hexafluoride, for example, the Department of Energy.

Project Need: To align the Standard with the newly published International Standard (ISO 7195:2020)

Scope: This standard provides criteria for packaging used for transport of uranium hexafluoride (UF₆). It includes specific information on design and fabrication requirements for the procurement of new UF₆ packaging for transportation of 0.2205 lb (0.1 kg) or more of UF₆. This standard also defines the requirements for in-service inspections, cleanliness, and maintenance for packaging in service. Also included are cylinder loadings; shipping requirements; and requirements for valves, plugs, and valve protectors.

NEMA (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 www.nema.org

Contact: Andrei Moldoveanu; and_moldoveanu@nema.org

New Standard

BSR/NEMA ESM1-7-202x, Electrical Submeter - Current Sensor Accuracy (new standard)

Stakeholders: Weights and measures departments, testing laboratories, regulators, electrical submeter manufacturers.

Project Need: A base for metrological certification of current sensors used in electrical submeters systems.

Scope: ESM1-7 covers metrological requirements and associated testing for current sensors used with electrical energy submeters. The Standard applies to multiple sensor technologies with a variety of outputs. These sensors enable current measurements for AC and DC energy submetering. The Standard applies to indoor and outdoor applications, and covers temporary and permanently installed sensors for AC and DC applications.

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

400 Admiral Boulevard, Kansas City, MO 64106 www.saiaonline.org

Contact: DeAnna Martin; deanna@saiaonline.org

Revision

BSR/SAIA A92.20-202x, Design, Calculations, Safety Requirements and Test Methods for Mobile Elevating Work Platforms (MEWPs) (revision of ANSI/SAIA A92.20-2020)

Stakeholders: Designers, Manufacturers, Dealers, Owners, Users, Supervisors, operators, lessors, lessees, and brokers of Mobile Elevating Work Platforms (MEWPs) within the standard(s) scope(s).

Project Need: To revise the current standard to comply with the ANSI Commercial Terms Policy based of the decision of the ANSI BSR.

Scope: This Standard is intended to be used in conjunction BSR/SAIA A92.22, Safe Use of MEWPs and ANSI/SAIA A92.24-2018, Training Requirements for Operators of MEWPs. This American National Standard specifies safety requirements and preventive measures, and the means for their verification, for certain types and sizes of mobile elevating work platforms (MEWPs) intended to position personnel, along with their necessary tools and materials, at work locations. It contains the structural design calculations and stability criteria, construction, safety examinations and tests that shall be applied before a MEWP is first put into service.

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

400 Admiral Boulevard, Kansas City, MO 64106 www.saiaonline.org

Contact: DeAnna Martin; deanna@saiaonline.org

Revision

BSR/SAIA A92.22-202X, Safe Use of Mobile Elevating Work Platforms (MEWPs) (revision of ANSI/SAIA A92.22-2020)

Stakeholders: Designers, Manufacturers, Dealers, Owners, Users, Supervisors, operators, lessors, lessees, and brokers of Mobile Elevating Work Platforms (MEWPs) within the standard(s) scope(s).

Project Need: To revise the current standard to comply with the ANSI Commercial Terms Policy based of the decision of the ANSI BSR.

Scope: This Standard is intended to be used in conjunction with BSR/SAIA A92.20, Design calculations, safety requirements and test methods for Mobile Elevating Work Platforms (MEWPs) and ANSI/SAIA A92.24-2018, Training Requirements for Operators of Mobile Elevating Work Platforms (MEWPs). This Standard specifies requirements for application, inspection, training, maintenance, repair, and safe operation of Mobile Elevating Work Platforms (known as MEWPs in this standard). It applies to all types and sizes of MEWPs as specified in BSR/SAIA A92.20 that are intended to position personnel, along with their necessary tools and materials, at work locations.

TIA (Telecommunications Industry Association)

1310 N. Courthouse Road, Arlington, VA 22201 www.tiaonline.org

Contact: Cheryl Thibideau; standards-process@tiaonline.org

Revision

BSR/TIA 222-I-202x, Structural Standard for Antenna Supporting Structures, Antennas and Small Wind Turbine Support Structures (revision and redesignation of ANSI/TIA 222-H-2017)

Stakeholders: Industry, steel antenna towers, users, and manufacturers.

Project Need: Update standard.

Scope: Create a new revision (Rev. I) to the TIA 222 standard to ensure conformity with referenced standards and consistency with findings within the wireless industry.

VC (ASC Z80) (The Vision Council)

225 Reinekers Lane, Alexandria, VA 22314 www.z80asc.com

Contact: Michele Stolberg; ascz80@thevisioncouncil.org

Revision

BSR Z80.29-202x, Ophthalmics - Accommodative Intraocular Lenses (revision of ANSI Z80.29-2015 (R2020))

Stakeholders: Clinicians, patients, industry members, and regulatory bodies such as the FDA.

Project Need: This standard has various areas in the clinical section and Annex which require revisions to update this standard in accordance with ANSI's 5-year review policy.

Scope: This standard applies to any ocular implant whose primary indication is the correction of aphakia and is designed to provide vision over a continuous range of distances by affecting a change in the vergence power of the eye resulting from the implant design that changes eye optical power or implant position in response to a stimulus. For the purposes of this standard, these implants are referred to as accommodative intraocular lenses (AIOLs).

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: January 17, 2021

NSF (NSF International)

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

Revision

BSR/NSF 49-202x (i160r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019)

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

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

Send comments (with optional copy to psa@ansi.org) to: Allan Rose; arose@nsf.org

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 p: (847) 664-2023 w: <https://ul.org/>

Revision

BSR/UL 705-202x, Standard for Safety for Power Ventilators (revision of ANSI/UL 705-2019)

This proposal for UL 705 covers: The new Summary of Topics is as follows:

- (1) Updating the standard to include additional requirements for ventilator for heat and smoke control;
- (2) Deletion of reference to withdrawn standard, UL 508C; and
- (3) Editorial updates to make DC dielectric voltage withstand test consistent with other standards.

[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: January 17, 2021

UL (Underwriters Laboratories)

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

Revision

BSR/UL 2420-202x, Standard for Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2420-2014 (R2016))

(1) Clarification on where to measure the minimum inside diameter of socket specified in Tables 5 to 8.

[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, P.O. Box 13995, Research Triangle Park, NC 27709-3995 p: (919) 549-1391 w: <https://ul.org/>

Revision

BSR/UL 62841-2-2-202x, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-2: Particular Requirements for Hand-Held Screwdrivers and Impact Wrenches (revision of ANSI/UL 62841-2-2-2017)

This proposal for UL 62841-2-2 covers: Revisions to incorporate missing text from clause 17.2DV.2.

[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 1, 2021

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 119-202x, Standard for the Analytical Scope and Sensitivity of Forensic Toxicology Testing for Medicolegal Death Investigations. (new standard)

This document delineates the minimum requirements for target analytes and analytical sensitivity for the forensic toxicological testing of blood specimens collected in medicolegal death investigations. This document does not cover the analysis of urine, tissues, or other specimens that are commonly analyzed in medicolegal death investigations. Please note that comments on a re-circulation will only be accepted on revised sections of a document; comments made to text not revised from the original public comment period will not be accepted.

Single copy price: Free

Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: <http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination/>.

Order from: Document will be provided electronically on AAFS Standards Board website (www.asbstandardsboard.org) free of charge.

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

Comment Deadline: February 1, 2021

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 121-202x, Standard for the Analytical Scope and Sensitivity of Forensic Toxicological Urine Testing of Urine in Drug-Facilitated Crime Investigations (new standard)

This document delineates the minimum requirements for target analytes and analytical sensitivity for the forensic toxicological testing of urine specimens collected from alleged victims of drug-facilitated crimes (DFC). This document does not cover the analysis of blood and other evidence that may be collected in DFC cases. Please note that comments on a re-circulation will only be accepted on revised sections of a document; comments made to text not revised from the original public comment period will not be accepted.

Single copy price: Free

Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: <http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination/>.

Order from: Document will be provided electronically on AAFS Standards Board website (www.asbstandardsboard.org) free of charge.

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

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 149-202x, Standard for Taphonomic Observations in Support of the Postmortem Interval (new standard)

This standard provides requirements for describing and analyzing the taphonomic effects on human remains and associated evidence that can be observed in the laboratory as well as in the field. Also, it provides requirements for recording and reporting the taphonomic and contextual indicators that contribute to estimating the postmortem interval in sufficient detail to allow for independent interpretation, replication, and verification of conclusions drawn.

Single copy price: Free

Obtain an electronic copy from: Document and comments template can be viewed on the AAFS Standards Board website at: <http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination//>

Order from: Provided electronically www.asbstandardsboard.org free of charge.

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

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 158-202x, Standard for a Developing Standard Operating Procedures in Bloodstain Pattern Analysis (new standard)

This standard provides guidance on the development of Standard Operating Procedures (SOP) that are a component of the quality assurance program for Bloodstain Pattern Analysis. The standard specifies SOP requirements for equipment, materials, reagents, calculations, documenting limitations, safety, and the generation of reports. The standard is applicable to scene, laboratory, and remote examinations.

Single copy price: Free

Obtain an electronic copy from: Document and comments template can be viewed on the AAFS Standards Board website at: <http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination//>

Order from: Provided electronically www.asbstandardsboard.org free of charge.

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

Comment Deadline: February 1, 2021

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 p: (703) 253-8268 w: www.aami.org

Addenda

BSR/AAMI ES60601-1-2005/A2-202x, Medical electrical equipment - Part 1: General requirements for basic safety and essential performance, Amendment 2 (addenda to ANSI/AAMI ES60601-1-2005 C1-2009 and A2 (R2012))

This standard applies to the general aspects of medical electrical equipment and specifies the safety and essential performance. This second Amendment provides guidance to the users of the 60601-1 on some of the issues that have been raised since the publication of the first Amendment.

Single copy price: Free

Obtain an electronic copy from: hchoe@aami.org

Send comments (with optional copy to psa@ansi.org) to: Hae Choe, hchoe@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 p: (703) 253-8268 w: www.aami.org

Addenda

BSR/AAMI HA60601-1-11-2015/A1-202x, Medical electrical equipment - Part 1-11: General requirements for basic safety and essential performance - Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare, Amendment 1 (addenda to ANSI/AAMI HA60601-1-11-2015)

This is one of the collateral standards under the umbrella of IEC 60601-1 series and covers the general aspects dealing with medical electrical equipment and systems used in home healthcare. This Amendment updates references, terminology, and some of the clauses since the publication of the standard.

Single copy price: Free

Obtain an electronic copy from: hchoe@aami.org

Send comments (with optional copy to psa@ansi.org) to: Hae Choe, hchoe@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 p: (703) 253-8268 w: www.aami.org

Addenda

BSR/AAMI/IEC 60601-1-2-2014/A1-202x, Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral standard: Electromagnetic disturbances - Requirements and tests, Amendment 1 (addenda to ANSI/AAMI/IEC 60601-1-2-2014)

This is one of the collateral standards under the umbrella of IEC 60601-1 series and covers the general aspects dealing with electromagnetic disturbances. This Amendment updates references, terminology, and some of the clauses since the publication of the standard.

Single copy price: Free

Obtain an electronic copy from: hchoe@aami.org

Send comments (with optional copy to psa@ansi.org) to: Hae Choe, hchoe@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 p: (703) 253-8268 w: www.aami.org

Addenda

BSR/AAMI/IEC 60601-1-8-2008/A2-202x, Medical electrical equipment - Part 1-8: General requirements for basic safety and essential performance - Collateral standard: General requirements, tests and guidance for alarm systems in medical electrical equipment, Amendment 2 (addenda to ANSI/AAMI/IEC 60601-1-8-2013)

This is one of the collateral standards under the umbrella of IEC 60601-1 series and covers the general aspects dealing with medical alarms. This Amendment updates references, terminology, and some of the clauses since the publication of the standard and Amendment 1.

Single copy price: Free

Obtain an electronic copy from: hchoe@aami.org

Send comments (with optional copy to psa@ansi.org) to: Hae Choe, hchoe@aami.org

Comment Deadline: February 1, 2021

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 p: (703) 253-8268 w: www.aami.org

Addenda

BSR/AAMI/IEC 60601-1-12-2016/A1-202x, Medical electrical equipment - Part 1-12: General requirements for basic safety and essential performance - Collateral standard: Requirements for ME equipment and ME systems used in the emergency medical services environment, Amendment 1 (addenda to ANSI/AAMI/IEC 60601-1-12-2016)

This is one of the collateral standards under the umbrella of IEC 60601-1 series and covers the general aspects dealing with medical electrical equipment and systems used in emergency medical services environment. This Amendment updates references, terminology and some of the clauses since the publication of the standard.

Single copy price: Free

Obtain an electronic copy from: hchoe@aami.org

Send comments (with optional copy to psa@ansi.org) to: Hae Choe, hchoe@aami.org

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

351 N. Williamson Boulevard, Daytona Beach, FL 32114 p: 571-289-7402 w: www.apcolntl.org

New Standard

BSR/APCO 1.120.1-202x, Crisis Intervention Techniques and Call Handling Procedures for Public Safety Telecommunicators (new standard)

This standard will identify training requirements for handling calls involving emotionally distressed individuals. The standard will include:

- Procedures for effectively recognizing and communicating with individuals in emotional or mental crisis;
- Resources that need to be available to the Telecommunicator handling the call;
- Processes for debriefing telecommunicators; and
- Continuous process improvement.

Single copy price: Free

Obtain an electronic copy from: <https://www.apcolntl.org/standards/standards-call-to-action/>

Send comments (with optional copy to psa@ansi.org) to: Megan Bixler, apcostandards@apcolntl.org

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 p: (202) 682-8130 w: www.api.org

New National Adoption

BSR/API MPMS Chapter 17.10.1/ISO 10976, 2nd Edition-202x, Modified Adoption of ISO 10976:2015: Refrigerated Light Hydrocarbon Fluids - Measurement of Cargoes On Board Marine LNG Carriers (national adoption of ISO 10976:2015 with modifications and revision of ANSI/API MPMS Ch. 17.10.1/ISO 10976, 1st Edition-2014 (R2020))

Establishes all of the steps needed to properly measure and account for the quantities of cargoes on liquefied natural gas (LNG) carriers. This includes, but is not limited to, the measurement of liquid volume, vapour volume, temperature and pressure, and accounting for the total quantity of the cargo on board. This International Standard describes the use of common measurement systems used with on-board LNG carriers, the aim of which is to improve the general knowledge and processes in the measurement of LNG for all parties concerned. This International Standard provides general requirements for those involved in the LNG trade on ships and onshore.

Single copy price: Free

Obtain an electronic copy from: goodsons@api.org

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

Comment Deadline: February 1, 2021

ASABE (American Society of Agricultural and Biological Engineers)

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

New National Adoption

BSR/ASABE AD4254-6-202x, Agricultural machinery - Safety - Part 6: Sprayers and liquid fertilizer distributors (national adoption of ISO 4254-6:2020 with modifications and revision of ANSI/ASABE AD4254-6:2009 AUG2013 (R2017))

Specifies the safety requirements and their verification for the design and construction of mounted, semi-mounted, trailed, and self-propelled agricultural sprayers for use with pesticide products and liquid fertilizer application, designed for use by one operator only. In addition, it specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer.

Single copy price: \$68.00

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh; walsh@asabe.org

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

New National Adoption

BSR X9.134-2-202x, Security and Data Protection for Mobile Financial Services (national adoption with modifications of ISO 12812-2)

Part 2 of the suite of standards for mobile banking/payments will include specific requirements applicable to all mobile financial service providers (MFSPs) detailing what an app is required to do to protect personal data and ensure security for transactions. A summary of those requirements, as initially provided by the US, through X9 (X9F4) and ISO TC68/SC2 (WG13), chaired by the US, includes, but is not limited to: (1) mutual authentication; (2) protection of sensitive data from unauthorized disclosure; (3) protection of sensitive data from unauthorized modification or substitution; and (4) authentication of credentials (e.g., passwords, PINs) and account numbers (e.g., PAN).

Single copy price: Free

Obtain an electronic copy from: ambria.frazier@x9.org

Send comments (with optional copy to psa@ansi.org) to: ambria.frazier@x9.org

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

1791 Tullie Circle, NE, Atlanta, GA 30329 p: (404) 636-8400 w: www.ashrae.org

New Standard

BSR/ASHRAE Standard 23-202x, Methods for Performance Testing Positive Displacement Refrigerant Compressors and Compressor Units (new standard)

ASHRAE Standard 23-202x prescribes methods for performance testing positive-displacement refrigerant compressors and compressor units, including capacity, isentropic efficiency, and volumetric efficiency. There was a substantive portion inadvertently omitted from the first 23-202x full public-review draft. Correcting that error of omission, plus making a few other substantive improvements, are the subject of this Independent Substantive Change (ISC) Publication Public Review (PPR) draft.

Single copy price: \$35.00

Obtain an electronic copy from: <http://www.ashrae.org/standards-research--technology/public-review-drafts>

Order from: standards.section@ashrae.org

Send comments (with optional copy to psa@ansi.org) to: <http://www.ashrae.org/standards-research--technology/public-review-drafts>

Comment Deadline: February 1, 2021

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

1791 Tullie Circle, NE, Atlanta, GA 30329 p: (404) 636-8400 w: www.ashrae.org

New Standard

BSR/ASHRAE/AHRI Standard 155-202x, Method of Testing for Rating Commercial Space Heating Boiler Systems (new standard)

Provides procedures for determining the steady-state thermal efficiency, part-load efficiency, and idling energy input rate of space heating boilers.

Single copy price: \$35.00

Obtain an electronic copy from: <http://www.ashrae.org/standards-research--technology/public-review-drafts>

Order from: standards.section@ashrae.org

Send comments (with optional copy to psa@ansi.org) to: <http://www.ashrae.org/standards-research--technology/public-review-drafts>

ASIS (ASIS International)

1625 Prince Street, Alexandria, VA 22314-2818 p: (703) 518-1439 w: www.asisonline.org

Revision

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

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

Single copy price: \$50.00

Obtain an electronic copy from: standards@asisonline.org

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

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

BSR/ASME BPVC Section III-202x, Rules for Construction of Nuclear Facility Components (revision of ANSI/ASME BPVC Section III-2019)

The rules of Section III constitute requirements for the design, construction, stamping, and overpressure protection of items used in nuclear power plants and other nuclear facilities. Section III consists of the following divisions: (a) Division 1. Metallic vessels, heat exchangers, storage tanks, piping systems, pumps, valves, core support structures, supports, and similar items; (b) Division 2. Concrete containment vessels; (c) Division 3. Metallic containment systems for storage or transportation of spent nuclear fuel and high-level radioactive materials and waste; and (d) Division 5. High-temperature reactors.

Single copy price: Free

Obtain an electronic copy from: <http://cstools.asme.org/publicreview>

Send comments (with optional copy to psa@ansi.org) to: Kimberly Verderber; verderberk@asme.org

ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM D4756-2015 (R202x), Practice for Installation of Rigid Poly(Vinyl Chloride) (PVC) Siding and Soffit (reaffirmation of ANSI/ASTM D4756-2015)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Laura Klineburger; accreditation@astm.org

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

Comment Deadline: February 1, 2021

ASTM (ASTM International)

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

Revision

BSR/ASTM D7856-202x, Specification for Color and Appearance Retention of Solid and Variegated Color Plastic Siding Products using CIELab Color Space (revision of ANSI/ASTM D7856-2015A)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Laura Klineburger; accreditation@astm.org

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

ASTM (ASTM International)

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

Revision

BSR/ASTM F1695-202x, Test Method for Performance of Underfired Broilers (revision of ANSI/ASTM F1695-2003 (R2015))

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Laura Klineburger; accreditation@astm.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

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

New Standard

BSR/ATIS 0600039-202x, Outside Plant Enclosures and Assemblies - Fire Resistance Test (new standard)

The purpose of this standard is to provide fire-protection risk assessment criteria for equipment enclosures and assemblies used in communications network equipment outside plant environments. Products intended to be mounted at a height greater than 9 m (30 ft) above the ground (roof of a building) as listed in the manufacturer's installation guide, or products with an internal volume less than 0.225 m³ (8 ft³), are exempt from physical testing, however rationale for the exemption must be included in a test report.

Single copy price: Free

Obtain an electronic copy from: dgreco@atis.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

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

Stabilized Maintenance

BSR/ATIS 0600010.03-2011 (S202x), Heat Dissipation Requirements for Network Telecom Equipment (stabilized maintenance of ANSI/ATIS 0600010.03-2011 (R2016))

The purpose of this Standard is to provide the methods for the measurement of the heat release and to quantify/define airflow characteristics of telecommunications equipment. This Standard may assist in the efficient design and deployment of a telecommunications facility.

Single copy price: \$110.00

Obtain an electronic copy from: dgreco@atis.org

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

Comment Deadline: February 1, 2021

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 p: (305) 443-9353 334 w: www.aws.org

New Standard

BSR/AWS D10.10/D10.10M-202x, Recommended Practices for Local Heating of Welds in Piping and Tubing (new standard)

This standard provides information on recommended practices, equipment, temperature control, insulation, and advantages and disadvantages for the methods presently available for local heating of welded joints in pipe and tubing.

Single copy price: \$32.00

Obtain an electronic copy from: sborrero@aws.org

Order from: Stephen Borrero; sborrero@aws.org

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

AWS (American Welding Society)

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

Revision

BSR/AWS C3.6M/C3.6-202x-AMD2, Specification for Furnace Brazing (revision and redesignation of ANSI/AWS C3.6M/C3.6-2016)

This specification provides the minimum fabrication, equipment, material, process procedure requirements, as well as inspection requirements, for the furnace brazing of steels, copper, copper alloys, and heat- and corrosion-resistant alloys and other materials that can be adequately furnace brazed (the furnace brazing of aluminum alloys is addressed in AWS C3.7M/C3.7, Specification for Aluminum Brazing). This specification provides criteria for classifying furnace-brazed joints based on loading and the consequences of failure and quality assurance criteria defining the limits of acceptability in each class. This specification defines acceptable furnace brazing equipment, materials, and procedures, as well as the required inspection for each class of joint.

Single copy price: \$2.00

Obtain an electronic copy from: kbulger@aws.org

Order from: Kevin Bulger; kbulger@aws.org

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

CTA (Consumer Technology Association)

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

New Standard

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

This standard defines and creates performance criteria for consumer stress monitoring technologies that use heart rate and related measures in the measurement and application of stress metrics.

Single copy price: Free

Obtain an electronic copy from: standards@cta.tech

Order from: Veronica Lancaster; vlancaster@cta.tech

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

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005 p: (917) 913-0027 w: www.ies.org

New Standard

BSR/IES RP-43-202x, Recommended Practice: Lighting Exterior Applications (new standard)

Lighting for the outdoor environment is different from lighting for an interior space. The natural cycle for light is to arrive from the sun and sky during the day and from the stars and moon at night, with gradual changes between dark and light. However, electric lighting has changed and is different from the natural cycle in numerous ways.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

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

Comment Deadline: February 1, 2021

NEMA (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 p: (703) 841 3290 w: www.nema.org

New Standard

BSR/NEMA ESM1-2-202x, Electrical Submeter - Active Energy Accuracy (new standard)

The requirements of this Standard cover metrological requirements and associated testing for AC meters and meter systems rated at not more than 1000 V that measure active energy used in electrical energy submetering applications.

Single copy price: Free

Obtain an electronic copy from: and_moldoveanu@nema.org

Order from: Andrei Moldoveanu; and_moldoveanu@nema.org

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

UL (Underwriters Laboratories)

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

Reaffirmation

BSR/UL 193-2016 (R202x), Standard for Alarm Valves for Fire-Protection Service (reaffirmation of ANSI/UL 193-2016)

These requirements cover alarm valves for use in automatic, wet-pipe sprinkler systems for fire-protection service. Alarm valves covered by these requirements are of either the variable- or constant-pressure type and are of the swing-check pattern. Ordinarily, variable-pressure alarm valves are acceptable for constant-pressure service without alteration; however, in some designs, that part of the device having to do with the delaying of alarms may be omitted. Alarm valves covered by these requirements include the sizes 1 - 12 inches, inclusive. Alarm valves covered by these requirements are intended for installation and use in accordance with the Standard for the Installation of Sprinkler Systems, NFPA 13.

Single copy price: Free

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

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

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

UL (Underwriters Laboratories)

171 Nepean Street, Suite 400, Ottawa, ON K2P 0B4 Canada p: (613) 368-4419 w: <https://ul.org/>

Revision

BSR/UL 62275-202X, Standard for Safety for Cable Management Systems - Cable Ties for Electrical Installations (revision of ANSI/UL 62275-2016)

(1) Publish a new edition of the standard with updates. This national standard is based on publication IEC 62275, Third edition.

Single copy price: Free

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

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

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

Comment Deadline: February 16, 2021

RESNET (Residential Energy Services Network, Inc.)

4867 Patina Court, Oceanside, CA 92057 p: (760) 408-5860 w: www.resnet.us.com

Revision

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

BSR/RESNET/ICC 301-202x, Standard for the Calculation and Labeling of the Energy Performance of Dwelling and Sleeping Units using an Energy Rating Index (revision of ANSI/RESNET/ICC 301-2018)

The project is the triennial update to Standard ANSI/RESNET/ICC 301-2019.

Single copy price: \$55.00

Obtain an electronic copy from: RESNET's website by following the "STANDARDS AND AMENDMENTS CURRENTLY OUT FOR PUBLIC COMMENT" link on webpage <https://www.resnet.us/about/standards/resnet-ansi/>

Order from: Rick Dixon, Standards Manager, RESNET, P.O. Box 4561, Oceanside, CA 92052

Send comments (with optional copy to psa@ansi.org) to: RESNET using the online comment form which is accessed by following the "STANDARDS AND AMENDMENTS CURRENTLY OUT FOR PUBLIC COMMENT" link on webpage: <https://www.resnet.us/about/standards/resnet-ansi/>

30 Day Notice of Withdrawal: ANS 5 to 10 years past approval date

In accordance with clause 4.7.1 Periodic Maintenance of American National Standards of the ANSI Essential Requirements, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

AAMI (Association for the Advancement of Medical Instrumentation)

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

ANSI/AAMI/ISO 27186-2010, Active implantable medical devices - Four-pole connector system for implantable cardiac rhythm management devices - Dimensional and test requirements

Questions may be directed to: Jennifer Moyer, JMoyer@aami.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.

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201 p: 703-600-0327 w: www.ahrinet.org

ANSI/AHRI Standard 275-2010, Application of Outdoor Unitary Equipment A-Weighted Sound Power Ratings

Questions may be directed to: Kristin Carlson; kcarlson@ahrinet.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.

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201 p: 703-600-0327 w: www.ahrinet.org

ANSI/AHRI Standard 365-2010, Performance Rating of Commercial and Industrial Unitary Air-Conditioning Condensing Units

Questions may be directed to: Kristin Carlson; kcarlson@ahrinet.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.

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201 p: 703-600-0327 w: www.ahrinet.org

ANSI/AHRI Standard 366-2010, Performance Rating of Commercial and Industrial Unitary Air-Conditioning Condensing Units

Questions may be directed to: Kristin Carlson; kcarlson@ahrinet.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.

API (American Petroleum Institute)

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

ANSI/API RP 13I/ISO 10416, 8th Edition-2008 (R2020), Recommended Practice for Laboratory Testing of Drilling Fluids

Questions may be directed to: Jacqueline Roueche; RouecheJ@api.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.

AAMI (Association for the Advancement of Medical Instrumentation)

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

New National Adoption

ANSI/AAMI/ISO 14155-2020, Clinical investigation of medical devices for human subjects - Good clinical practice (identical national adoption of ISO 14155) Final Action Date: 12/7/2020

AGMA (American Gear Manufacturers Association)

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

Reaffirmation

ANSI/AGMA 9112-B-2015 (R2020), Bores and Keyways for Flexible Couplings (Metric Series) (reaffirmation of ANSI/AGMA 9112-B-2015) Final Action Date: 12/7/2020

ANS (American Nuclear Society)

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

Revision

ANSI/ANS 56.8-2020, Containment System Leakage Test Requirements (revision of ANSI/ANS 56.8-2002 (R2016)) Final Action Date: 12/11/2020

ASA (ASC S3) (Acoustical Society of America)

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 p: (516) 576-2341 w: www.acousticalsociety.org

Revision

ANSI/ASA S3.2-2020, Method for Measuring the Intelligibility of Speech over Communication Systems (revision of ANSI/ASA S3.2-2009 (R2020)) Final Action Date: 12/9/2020

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

ANSI/ASABE/ISO 3776-2-FEB2016 (R2020), Tractors and machinery for agriculture - Seat belts - Part 2: Anchorage strength requirements (reaffirm a national adoption ANSI/ASABE/ISO 3776-2-2016) Final Action Date: 12/3/2020

Revision

ANSI/ASAE S331.7 MONYEAR-2020, Implement Power Take-Off Drive Shaft Specifications (revision and redesignation of ANSI/ASAE S331.6-2015) Final Action Date: 12/3/2020

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 B16.36-2020, Orifice Flanges (revision of ANSI/ASME B16.36-2015) Final Action Date: 12/4/2020

Revision

ANSI/ASME B30.1-2020, Jacks, Industrial Rollers, Air Casters, and Hydraulic Gantries (revision of ANSI/ASME B30.1-2009) Final Action Date: 12/11/2020

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 BTH-1-2020, Design of Below-the-Hook Lifting Devices (revision of ANSI/ASME BTH-1-2017)
Final Action Date: 12/9/2020

Revision

ANSI/ASME NM-2-2020, Glass-Fiber-Reinforced Thermosetting-Resin Piping Systems (revision of
ANSI/ASME NM-2-2018) Final Action Date: 12/9/2020

ASTM (ASTM International)

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

New Standard

ANSI/ASTM E3265-2020, Guide for Evaluating Water Miscible Metalworking Fluid Foaming Tendency
(new standard) Final Action Date: 11/24/2020

New Standard

ANSI/ASTM F3351-2020, Test method for playground surface impact testing in a laboratory at a specified
test height (new standard) Final Action Date: 12/1/2019

Reaffirmation

ANSI/ASTM D2737-2012A (R2020), Specification for Polyethylene (PE) Plastic Tubing (reaffirmation of
ANSI/ASTM D2737-2012A) Final Action Date: 11/24/2020

Reaffirmation

ANSI/ASTM F1498-2008 (R2020), Specification for Taper Pipe Threads 60 for Thermoplastic Pipe and
Fittings (reaffirmation of ANSI/ASTM F1498-2008 (R2012)) Final Action Date: 11/24/2020

Revision

ANSI/ASTM D2683-2020, Specification for Socket-Type Polyethylene Fittings for Outside Diameter-
Controlled Polyethylene Pipe and Tubing (revision of ANSI/ASTM D2683-2014) Final Action Date:
11/24/2020

Revision

ANSI/ASTM D3212-2020, Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible
Elastomeric Seals (revision of ANSI/ASTM D3212-2007 (R2020)) Final Action Date: 11/24/2020

Revision

ANSI/ASTM E601-2020, Guide for Measuring Electromotive Force (emf) Stability of Base-Metal
Thermoelement Materials with Time in Air (revision of ANSI/ASTM E601-2015) Final Action Date:
11/24/2020

Revision

ANSI/ASTM E1159-2020, Specification for Thermocouple Materials, Platinum-Rhodium Alloys, and
Platinum (revision of ANSI/ASTM E1159-2015) Final Action Date: 11/24/2020

Revision

ANSI/ASTM E1751/E1751M-2020, Guide for Temperature Electromotive Force (emf) Tables for Non-
Letter Designated Thermocouple Combinations (revision of ANSI/ASTM E1751/E1751M-2015) Final
Action Date: 11/24/2020

ASTM (ASTM International)

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

Revision

ANSI/ASTM E2886/E2886M-2020, Test Method for Evaluating the Ability of Exterior Vents to Resist the Entry of Embers and Direct Flame Impingement (revision of ANSI/ASTM E2886/E2886M-2014) Final Action Date: 10/20/2020

Revision

ANSI/ASTM F876-2020, Specification for Crosslinked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F876-2020) Final Action Date: 11/24/2020

Revision

ANSI/ASTM F1733-2020, Specification for Butt Heat Fusion Polyamide (PA) Plastic Fitting for Polyamide (PA) Plastic Pipe and Tubing (revision of ANSI/ASTM F1733-2013) Final Action Date: 11/24/2020

Revision

ANSI/ASTM F1960-2020, Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-Linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F1960-2019) Final Action Date: 11/24/2020

Revision

ANSI/ASTM F2159-2020, Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps for SDR9 Crosslinked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F2159-2019) Final Action Date: 11/24/2020

Revision

ANSI/ASTM F2223-2020, Guide for ASTM Standards on Playground Surfacing (revision of ANSI/ASTM F2223-2019A) Final Action Date: 12/1/2019

Revision

ANSI/ASTM F2620-2020, Practice for Heat Fusion Joining of Polyethylene Pipe and Fittings (revision of ANSI/ASTM F2620-2019) Final Action Date: 11/24/2020

Revision

ANSI/ASTM F2735-2020, Specification for Plastic Insert Fittings for SDR9 Cross-Linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F2735-2018) Final Action Date: 11/24/2020

Revision

ANSI/ASTM F2854-2020, Specification for Push-Fit Crosslinked Polyethylene (PEX) Mechanical Fittings for Crosslinked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F2854-2010) Final Action Date: 11/24/2020

Revision

ANSI/ASTM F3348-2020B, Specification for Plastic Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F3348-2020A) Final Action Date: 11/24/2020

AWWA (American Water Works Association)

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

Reaffirmation

ANSI/AWWA G481-2014 (R2020), Reclaimed Water Program Operation and Management (reaffirmation of ANSI/AWWA G481-2014) Final Action Date: 12/3/2020

Revision

ANSI/AWWA J100-2020, Risk and Resilience Management of Water and Wastewater Systems (revision of ANSI/AWWA J100-2010 (R2013)) Final Action Date: 12/3/2020

EOS/ESD (ESD Association, Inc.)

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

New Standard

ANSI/ESD SP3.5-2020, ESD Association Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - Test Methods for Air Assist Bar Ionizers, Soft X-Ray (Photon) Ionizers, Room Ionization Alternatives, and Non-Airflow Alpha Ionizers (new standard) Final Action Date: 12/7/2020

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

18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448 p: (909) 519-0740 w: www.asse-plumbing.org

Revision

ANSI/ASSE 1022-2020, Performance Requirements for Backflow Preventer for Beverage Dispensing Equipment (revision of ANSI/ASSE 1022-2017) Final Action Date: 12/11/2020

IAPMO (International Association of Plumbing & Mechanical Officials)

4755 East Philadelphia Street, Ontario, CA 91761-2816 p: (909) 472-4111 w: www.iapmo.org

Revision

ANSI/IAPMO USHGC 1-2021, Uniform Solar, Hydronics & Geothermal Code (revision of ANSI/IAPMO USHGC 1-2018) Final Action Date: 11/30/2020

Revision

ANSI/IAPMO USPSHTC 1-2021, Uniform Swimming Pool, Spa & Hot Tub Code (revision of ANSI/IAPMO USPSHTC 1-2018) Final Action Date: 11/30/2020

ICC (International Code Council)

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

Reaffirmation

ANSI/ICC 902/APSP 902/SRCC 400-2017 (R2020), Solar Pool and Spa Heating System Standard (reaffirmation and redesignation of ANSI/ICC 902/SRCC 400-2017) Final Action Date: 12/3/2020

Revision

ANSI/ICC 900-2020, Standard for Solar Water Heating Systems (revision and redesignation of ANSI/ICC 900/SRCC 300-2015) Final Action Date: 12/3/2020

Revision

ANSI/ICC 901-2020, Standard for Solar Thermal Collectors (revision and redesignation of ANSI/ICC 901/SRCC 100-2015) Final Action Date: 12/3/2020

IICRC (The Institute of Inspection, Cleaning and Restoration Certification)

4043 South Eastern Avenue, Las Vegas, NV 89119 p: (702) 430-9829 w: www.thecleantrust.org

New Standard

ANSI/IICRC S220-2020, Standard for Professional Inspection of Hard Surface Floor Coverings (new standard) Final Action Date: 12/3/2020

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

1750 K Street NW, Suite 460, Washington, DC 20006 p: (202) 296-9880 w: www.indtrk.org

Reaffirmation

ANSI/ITSDF B56.14-200x (R2020), Safety Standard for Vehicle Mounted Trucks (reaffirmation of ANSI/ITSDF B56.14-200x) Final Action Date: 12/7/2020

NEMA (National Electrical Manufacturers Association)

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

Revision

ANSI/NEMA 250-2020, Enclosures for Electrical Equipment (1,000 Volts Maximum) (revision of ANSI/NEMA 250-2008) Final Action Date: 12/8/2020

NSF (NSF International)

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

Revision

ANSI/NSF 40-2020 (i37r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2019) Final Action Date: 12/8/2020

Revision

ANSI/NSF 245-2020 (i24r1), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2019) Final Action Date: 12/3/2020

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

ANSI/SCTE 224-2020, Event Scheduling and Notification Interface (ESNI) (revision of ANSI/SCTE 224-2018) Final Action Date: 12/10/2020

SMACNA (Sheet Metal and Air-Conditioning Contractors' National Association)

4201 Lafayette Center Drive, Chantilly, VA 20151-1219 p: (703) 803-2980 w: www.smacna.org

New Standard

ANSI/SMACNA 006-2020, HVAC Duct Construction Standards - Metal and Flexible (new standard) Final Action Date: 12/11/2020

TIA (Telecommunications Industry Association)

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

New National Adoption

ANSI/TIA 455-62-C-2020, IEC-60793-1-47: Optical Fibres - Part 1-47: Measurement Methods and Test Procedures - Macrobending Loss (identical national adoption of IEC-60793-1-47) Final Action Date: 12/3/2020

TIA (Telecommunications Industry Association)

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

New National Adoption

ANSI/TIA 455-67-B-2020, IEC-60793-1-51: Optical Fibres - Part 1-51: Measurement Methods and Test Procedures - Dry Heat (identical national adoption of IEC-60793-1-51) Final Action Date: 12/3/2020

New National Adoption

ANSI/TIA 455-74-B-2020, IEC-60793-1-53: Optical Fibres - Part 1-53: Measurement Methods and Test Procedures - Water Immersion (identical national adoption of IEC-60793-1-53) Final Action Date: 12/3/2020

New National Adoption

ANSI/TIA 455-78-C-2020, IEC 60793-1-40: Optical Fibres - Part 1-40: Measurement Methods and Test Procedures - Attenuation (identical national adoption of IEC 60793-1-40) Final Action Date: 12/3/2020

New National Adoption

ANSI/TIA 455-122-C-2020, IEC 60793-1-48: Measurement Methods and Test Procedures-Polarization Mode Dispersion (identical national adoption of IEC 60793-1-48 and revision of ANSI/TIA 455-122-B -2014) Final Action Date: 12/3/2020

New National Adoption

ANSI/TIA 455-160-B-2020, IEC-60793-1-50: Optical Fibres - Part 1-50: Measurement Methods and Test Procedures - Damp Heat (Steady State) (identical national adoption of IEC-60793-1-50) Final Action Date: 12/3/2020

New National Adoption

ANSI/TIA 455-175-C-2020, IEC-60793-1-42: Optical Fibres - Part 1-42: Measurement Methods and Test Procedures - Chromatic Dispersion (identical national adoption of IEC-60793-1-42) Final Action Date: 12/3/2020

New National Adoption

ANSI/TIA 455-176-B-2020, IEC-60793-1-20: Optical Fibres - Part 1-20: Measurement Methods and Test Procedures - Fibre Geometry (identical national adoption of IEC-60793-1-20) Final Action Date: 12/3/2020

New National Adoption

ANSI/TIA 455-177-C-2020, IEC-60793-1-43: Optical Fibres - Part 1-43: Measurement Methods and Test Procedures - Numerical Aperture (identical national adoption of IEC-60793-1-43) Final Action Date: 12/3/2020

UL (Underwriters Laboratories)

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

New Standard

ANSI/UL 3741-2020, Standard for Safety for Photovoltaic Hazard Control (new standard) Final Action Date: 12/8/2020

New Standard

ANSI/UL 5800-2020, Standard for Safety for Battery Fire Containment Products (new standard) Final Action Date: 12/8/2020

UL (Underwriters Laboratories)

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

Revision

ANSI/UL 296-2020a, Standard for Safety for Oil Burners (revision of ANSI/UL 296-2017) Final Action Date: 12/3/2020

Revision

ANSI/UL 458-2020, Standard for Safety for Power Converters/Inverters and Power Converter/Inverter Systems for Land Vehicles and Marine Crafts (revision of ANSI/UL 458-2015) Final Action Date: 12/8/2020

Revision

ANSI/UL 1254-2020, Standard for Pre-Engineered Dry and Wet Chemical Extinguishing System Units (revision of ANSI/UL 1254-2018) Final Action Date: 12/2/2020

Revision

ANSI/UL 1429-2020, Standard for Safety for Pullout Switches (revision of ANSI/UL 1429-2009 (R2017)) Final Action Date: 12/4/2020

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 p: (703) 253-8268 w: www.aami.org

Hae Choe; standards@aami.org

BSR/AAMI ES60601-1-2005/A2-202x, Medical electrical equipment - Part 1: General requirements for basic safety and essential performance, Amendment 2 (addenda to ANSI/AAMI ES60601-1-2005 C1 -2009 and A2 (R2012))

AAMI is working on U.S. adoptions of several amendments to the IEC 60601-1 series of standards and is in need of users and general interest participation as follows. If you are interested in participating, please reach out as soon as you can. AAMI ES, Electrical Safety Committee. The committee is seeking user and general interest members to participate in the U.S. adoption AAMI ES60601-1:2005/Amendment 2, *Medical electrical equipment – Part 1: General requirements for basic safety and essential performance, Amendment 2*. Contact: [Hae Choe](#).

BSR/AAMI HA60601-1-11-2015/A1-202x, Medical electrical equipment - Part 1-11: General requirements for basic safety and essential performance - Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare, Amendment 1 (addenda to ANSI/AAMI HA60601-1-11-2015)

AAMI is working on U.S. adoptions of several amendments to the IEC 60601-1 series of standards and is in need of users and general interest participation as follows. If you are interested in participating, please reach out as soon as you can. AAMI HA, Home Care and EMS Environments Committee. The committee is seeking user and general interest members to participate in the two U.S. adoptions - for AAMI HA60601-1 -11:2015/Amendment 1, *Medical electrical equipment - Part 1-11: General requirements for basic safety and essential performance – Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare, Amendment 1*. Contact: [Hae Choe](#).

BSR/AAMI/IEC 60601-1-2-2014/A1-202x, Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral standard: Electromagnetic disturbances - Requirements and tests, Amendment 1 (addenda to ANSI/AAM/IEC 60601-1-2-2014)

AAMI is working on U.S. adoptions of several amendments to the IEC 60601-1 series of standards and is in need of users and general interest participation as follows. If you are interested in participating, please reach out as soon as you can. AAMI EM, Electromagnetic Compatibility Committee. The committee is seeking user and general interest members to participate in the U.S. adoption AAMI/IEC 60601-1-2:2014/A1, *Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance – Collateral standard: Electromagnetic disturbances – Requirements and tests, Amendment 1*. Contact: [Hae Choe](#).

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 p: (703) 253-8268 w: www.aami.org

BSR/AAMI/IEC 60601-1-8-2008/A2-202x, Medical electrical equipment - Part 1-8: General requirements for basic safety and essential performance - Collateral standard: General requirements, tests and guidance for alarm systems in medical electrical equipment, Amendment 2 (addenda to ANSI/AAMI/IEC 60601-1-8-2013)

AAMI is working on U.S. adoptions of several amendments to the IEC 60601-1 series of standards and is in need of users and general interest participation as follows. If you are interested in participating, please reach out as soon as you can. AAMI AL, Medical Device Alarms Committee. The committee is seeking user and general interest members to participate in the U.S. adoption AAMI/IEC 60601-1-8:2008/A2, *Medical electrical equipment - Part 1-8: General requirements for basic safety and essential performance – Collateral standard: General requirements, tests and guidance for alarm systems in medical electrical equipment, Amendment 2*. Contact: [Hae Choe](#).

BSR/AAMI/IEC 60601-1-12-2016/A1-202x, Medical electrical equipment - Part 1-12: General requirements for basic safety and essential performance - Collateral standard: Requirements for ME equipment and ME systems used in the emergency medical services environment, Amendment 1 (addenda to ANSI/AAMI/IEC 60601-1-12-2016)

AAMI is working on U.S. adoptions of several amendments to the IEC 60601-1 series of standards and is in need of users and general interest participation as follows. If you are interested in participating, please reach out as soon as you can. AAMI/IEC 60601-1-12: 2016/A1, *Medical electrical equipment - Part 1-12: General requirements for basic safety and essential performance – Collateral standard: Requirements for ME equipment and ME systems used in the emergency medical services environment, Amendment 1*. Contact: [Hae Choe](#).

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 p: (202) 682-8130 w: www.api.org
Sally Goodson; goodsons@api.org

BSR/API MPMS Chapter 17.10.1/ISO 10976, 2nd Edition-202x, Modified Adoption of ISO 10976:2015: Refrigerated Light Hydrocarbon Fluids - Measurement of Cargoes On Board Marine LNG Carriers (national adoption of ISO 10976:2015 with modifications and revision of ANSI/API MPMS Ch. 17.10.1/ISO 10976, 1st Edition-2014 (R2020))

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 p: (202) 628-6380 w: www.atis.org
Drew Greco; dgreco@atis.org

BSR/ATIS 0600039-202x, Outside Plant Enclosures and Assemblies - Fire Resistance Test (new standard)

BHMA (Builders Hardware Manufacturers Association)

17 Faulkner Drive, Niantic, CT 06357 p: (860) 944-4264 w: www.buildershardware.com
Michael Tierney; mtierney@kellencompany.com

BSR/BHMA A156.2-202x, Standard for Bored Locks and Latches (revision of ANSI/BHMA A156.2-2017)

BSR/BHMA A156.13-202x, Standard for Mortise Locks (revision of ANSI/BHMA A156.13-2017)

BSR/BHMA A156.44-202x, Hardware for Architectural Glass Openings (new standard)

CTA (Consumer Technology Association)

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

Call for Members (ANS Consensus Bodies)

CTA (Consumer Technology Association)

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

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

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005 p: (917) 913-0027 w: www.ies.org

Patricia McGillicuddy; pmcgillicuddy@ies.org

BSR/IES RP-43-202x, Recommended Practice: Lighting Exterior Applications (new standard)

NEMA (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 p: (703) 841 3290 w: www.nema.org

Andrei Moldoveanu; and _moldoveanu@nema.org

BSR/NEMA ESM1-2-202x, Electrical Submeter- Active Energy Accuracy (new standard)

NSF (NSF International)

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

Allan Rose; arose@nsf.org

BSR/NSF 49-202x (i160r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019)

TIA (Telecommunications Industry Association)

1310 N. Courthouse Road, Arlington, VA 22201 p: (703) 907-7713 w: www.tiaonline.org

Cheryl Thibideau; standards-process@tiaonline.org

BSR/TIA 222-I-202x, Structural Standard for Antenna Supporting Structures, Antennas and Small Wind Turbine Support Structures (revision and redesignation of ANSI/TIA 222-H-2017)

Call for Members (ANS Consensus Bodies)

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

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 (identical 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

ASC X9 (Accredited Standards Committee X9, Incorporated)

Please submit your intention to participate by January 15, 2021

ASC X9 is actively seeking participation in the following standards development work. This is a general outreach and all interest categories are welcome:

X9.135, Secret Sharing Schemes

Scope: The X9.135, Secret Sharing Schemes standard will describe mechanisms (schemes) to use in the management of cryptographic secret or private keys, used in protecting financial transactions.

X9.135 is in the beginning stages of development and is working to complete a draft of the standard by winter of 2021. In furtherance of this goal, X9.135 is seeking input from individuals with backgrounds in cryptography, information security, communications technology, regulatory compliance, financial transactions, those with technical backgrounds, and those with extensive experience working through the entire life cycle of the standard drafting process.

The X9F1 workgroup is issuing a call for participants to participate in the X9.135 project. If you would like to participate in this work effort please email: admin@x9.org. Please submit your intention to participate by January 15, 2021.

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

Call for Members (ANS Consensus Bodies)

ANSI Accredited Standards Developer

LES (Licensing Executives Society (U.S. and Canada))

The LES (Licensing Executives Society (U.S. and Canada)) is soliciting volunteers for the Consensus Body Partnership (CSP) to vote on our first proposed Intellectual Property Standard, Intellectual Property in the Supply Chain. There will be additional Standards for the CSP to vote on in 2021. Any interested parties are invited to join the CSP by applying for a CSP membership: <https://members.lesusacanada.org/page/lesstandards>.

Please download the membership form: https://cdn.ymaws.com/members.lesusacanada.org/resource/resmgr/docs/standards/les_standards_membership_enr.pdf.

The annual cost for joining the CSP is \$250. Voting will commence in January 2021. Be a part of creating a first proposed American National Standard on IP protection in the Supply Chain! If you have any questions, please contact Craig Moss at (203) 221-1843 or craig.moss@ethisphere.com, Nicole Galli Nicole Galli at (215) -525-9583 or ndgalli@ndgallilaw.com or Susan Houchins at Licensing Executive Society (703)-234-4059 or shouchins@virtualinc.com. Join us today!

ANSI Accredited Standards Developer

Licensing Executive Society Standards Development Organization (LES)

The Licensing Executive Society Standards Development Organization (LES SDO) is soliciting volunteers for the Consensus Body Partnership (CSP) to vote on our first proposed Intellectual Property Standard, Intellectual Property in the Supply Chain. There will be additional Standards for the CSP to vote on in 2021. Any interested parties are invited to join the CSP by applying for a CSP membership: <https://members.lesusacanada.org/page/lesstandards>. Please download the membership form: https://cdn.ymaws.com/members.lesusacanada.org/resource/resmgr/docs/standards/les_standards_membership_enr.pdf. The annual cost for joining the CSP is \$250. Voting will commence in January 2021. Be a part of creating a first proposed American National Standard on IP protection in the Supply Chain! If you have any questions, please contact Craig Moss at (203) 221-1843 or craig.moss@ethisphere.com, Nicole Galli Nicole Galli at (215) -525-9583 or ndgalli@ndgallilaw.com or Susan Houchins at Licensing Executive Society (703)-234-4059 or shouchins@virtualinc.com. Join us today!

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.

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

B11 (B11 Standards, Inc.)

Effective December 9, 2020

ANSI's Executive Standards Council has approved the reaccreditation of B11 Standards, Inc., an ANSI Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on B11 Standards-sponsored American National Standards, effective December 9, 2020. For additional information, please contact: Mr. David Felinski, President, B11 Standards, Inc., PO Box 690905, Houston, TX 77269; phone: 832.446.6999; email: dfelinski@b11standards.org

Approval of Reaccreditation – ASD

IEST (Institute of Environmental Sciences and Technology)

Effective December 9, 2020

The reaccreditation of the Institute of Environmental Sciences and Technology (IEST), 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 IEST-sponsored American National Standards, effective December 9, 2020. For additional information, please contact: Ms. Jennifer Sklena, Manager, Technical Programs, Institute of Environmental Sciences and Technology, 1827 Walden Office Square, Suite 400, Schaumburg, IL 60173; phone: 847.981.0100; email: jsklena@iest.org.

Public Review of Revised ASD Operating Procedures

NFPA (National Fire Protection Association)

Comment Deadline: January 19, 2021

The National Fire Protection Association (NFPA), an ANSI member and Accredited Standards Developer, has submitted revisions to its currently accredited Regulations Governing the Development of NFPA Standards for documenting consensus on NFPA-sponsored American National Standards, under which it was last reaccredited in 2018. As the current revision appears to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Ms. Dawn Michele Bellis, Director, Standards Administration and NFPA Standards Council Secretary, NFPA, 1 Batterymarch Park, Quincy, MA 02169-7471; phone: 617.984.7210; email: DBellis@nfpa.org. You may view/download a copy of the revisions during the public review period at the following URL:

<https://share.ansi.org/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2FShared%20Documents%2FStandards%20Activities%2FPublic%20Review%20and%20Comment%2FANSI%20Accreditation%20Actions%2FDecember%2018%2C%202020%20%2D%20January%2019%2C%202021%20Public%20Review%20Period&InitialTabId=Ribbon%2EDocument&VisibilityContext=WSSTabPersistence>

Please submit any public comments on the revised procedures to NFPA by January 19, 2021, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org)

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

ASC X9 (Accredited Standards Committee X9, Incorporated)

Please respond by January 6, 2021 to join the X9 Real-time Payments Study Group

The Accredited Standards Committee X9 has formed a new study group focused on faster/real-time payments. The study group will review real-time and faster payments activity in the financial industry, with the intent to become X9's central point of contact for all related and supporting X9 technical standards and to coordinate related work within X9. People with interest in real-time payments are invited to join the X9 Real-time Payments Study Group. ASC X9 is seeking subject matter experts and those interested in this area. If you are interested in participating, please contact ASC X9 at admin@x9.org by January 6, 2021 so that you may have an opportunity to participate. ASC X9 develops American National Standards for the U.S. financial services industry as well as international standards.

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 link is 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.

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

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit ANSI Online at www.ansi.org/asd, 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.

AAFS

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

AAMI

Association for the Advancement of Medical Instrumentation
901 N. Glebe Road
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Arlington, VA 22203
p: (703) 253-8268
www.aami.org

AGMA

American Gear Manufacturers Association
1001 N Fairfax Street
5th Floor
Alexandria, VA 22314-1587
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ANS

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

APCO

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

API

American Petroleum Institute
200 Massachusetts Avenue NW
Washington, DC 20001
p: (202) 682-8130
www.api.org

ASA (ASC S3)

Acoustical Society of America
1305 Walt Whitman Road
Suite 300
Melville, NY 11747
p: (516) 576-2341
www.acousticalsociety.org

ASABE

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

ASC X9

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

ASHRAE

American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329
p: (404) 636-8400
www.ashrae.org

ASIS

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

ATIS

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

AWS

American Welding Society
8669 NW 36th Street
Suite 130
Miami, FL 33166-6672
p: (305) 443-9353 334
www.aws.org

AWWA

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

BHMA

Builders Hardware Manufacturers
Association
17 Faulkner Drive
Niantic, CT 06357
p: (860) 944-4264
www.buildershardware.com

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

IAPMO

International Association of Plumbing
& Mechanical Officials
4755 East Philadelphia Street
Ontario, CA 91761-2816
p: (909) 472-4111
www.iapmo.org

IAPMO (ASSE Chapter)

ASSE International Chapter of IAPMO
18927 Hickory Creek Drive
Suite 220
Mokena, IL 60448
p: (909) 519-0740
www.asse-plumbing.org

ICC

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

IES

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

IICRC

The Institute of Inspection, Cleaning
and Restoration Certification
4043 South Eastern Avenue
Las Vegas, NV 89119
p: (702) 430-9829
www.thecleantrust.org

INMM (ASC N14)

Institute of Nuclear Materials
Management
P.O. Box 2008, MS 6495
Oak Ridge National Laboratory
Oak Ridge, TN 37831-6495
p: (209) 627-5473
www.inmm.org

ITSDF

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

NEMA (Canvass)

National Electrical Manufacturers
Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
p: (703) 841 3290
www.nema.org

NSF

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

RESNET

Residential Energy Services Network,
Inc.
4867 Patina Court
Oceanside, CA 92057
p: (760) 408-5860
www.resnet.us.com

SAIA (ASC A92)

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

SCTE

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

SMACNA

Sheet Metal and Air-Conditioning
Contractors' National Association
4201 Lafayette Center Drive
Chantilly, VA 20151-1219
p: (703) 803-2980
www.smacna.org

TIA

Telecommunications Industry
Association
1310 N. Courthouse Road
Arlington, VA 22201
p: (703) 907-7713
www.tiaonline.org

UL

Underwriters Laboratories
12 Laboratory Drive
Research Triangle Park, NC 27709
-3995
p: (919) 549-0956
<https://ul.org/>

VC (ASC Z80)

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



ISO & IEC Draft International Standards

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

COMMENTS

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

BANKING AND RELATED FINANCIAL SERVICES (TC 68)

ISO/DIS 24165-2, Digital token identifier (DTI) - Registration, assignment and structure - Part 2: Data elements for registration - 3/1/2021, \$67.00

BUILDING CONSTRUCTION (TC 59)

ISO/DIS 22058, Construction procurement - Guidance on strategy and tactics - 2/27/2021, \$93.00

COSMETICS (TC 217)

ISO/DIS 23821, Cosmetics - Analytical methods - Determination of traces of mercury in cosmetics by atomic absorption spectrometry (AAS) cold vapour technology after pressure digestion - 2/28/2021, \$62.00

FERROALLOYS (TC 132)

ISO/DIS 4298, Manganese ores and concentrates - Determination of manganese content - Potentiometric method - 2/25/2021, \$62.00

FIRE SAFETY (TC 92)

ISO/DIS 26367-3, Guidelines for assessing the adverse environmental impact of fire effluents - Part 3: Sampling and analysis - 2/25/2021, \$98.00

GAS CYLINDERS (TC 58)

ISO 10298/DAMd1, Gas cylinders - Gases and gas mixtures - Determination of toxicity for the selection of cylinder valve outlets - Amendment 1 - 2/26/2021, \$29.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/DIS 24487-1, Graphic technology - Processless plates - Part 1: Evaluation methods for characteristics and performance - 2/27/2021, \$88.00

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 9713, Neurosurgical implants - Self-closing intracranial aneurysm clips - 2/27/2021, \$53.00

MECHANICAL TESTING OF METALS (TC 164)

ISO/DIS 23296, Metallic materials - Fatigue testing - Force controlled thermo-mechanical fatigue testing method - 2/28/2021, \$98.00

PLASTICS (TC 61)

ISO/DIS 489, Plastics - Determination of refractive index - 2/25/2021, \$53.00

ISO/DIS 13741-1, Plastics/rubber - Polymer dispersions and rubber latices (natural and synthetic) - Determination of residual monomers and other organic components by capillary-column gas chromatography - Part 1: Direct liquid injection method - 2/25/2021, \$46.00

PLASTICS PIPES, FITTINGS AND VALVES FOR THE TRANSPORT OF FLUIDS (TC 138)

ISO/DIS 11295, Plastics piping systems used for the rehabilitation of pipelines - Classification and overview of strategic and operational activities - 2/25/2021, \$134.00

ROAD VEHICLES (TC 22)

ISO/DIS 26021-1, Road vehicles - End-of-life activation of in-vehicle pyrotechnic devices - Part 1: Application and communication interface - 2/28/2021, \$155.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 24136, Ships and marine technology - Pilot ladder winch reel - 2/26/2021, \$40.00

STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)

ISO 11137-2/DAMd1, Sterilization of health care products - Radiation - Part 2: Establishing the sterilization dose - Amendment 1 - 2/25/2021, \$58.00

TEXTILES (TC 38)

ISO 20932-1/DAMd1, Textiles - Determination of the elasticity of fabrics - Part 1: Strip tests - Amendment 1 - 2/25/2021, \$33.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 24649, Agricultural irrigation equipment - Manually and hydraulically operated plastics valves - 2/26/2021, \$53.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 20009-3, Information security - Anonymous entity authentication - Part 3: Mechanisms based on blind signatures - 2/27/2021, \$67.00

ISO/IEC DIS 23008-6, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 6: 3D audio reference software - 2/27/2021, \$40.00

ISO/IEC DIS 23008-9, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 9: 3D Audio conformance testing - 2/27/2021, \$155.00

IEC Standards

2/2035/CD, IEC 60072-1 ED7: Dimensions and output series for rotating electrical machines - Part 1: Frame numbers 56 to 400 and flange numbers 55 to 1080, 03/05/2021

18/1710/FDIS, IEC/IEEE 61886-1 ED1: Subsea equipment - Part 1: Power connectors, penetrators and jumper assemblies with rated voltage from 3 kV ($U_{max} = 3,6$ kV) to 30 kV ($U_{max} = 36$ kV), 01/22/2021

22G/431(F)/FDIS, IEC 61800-5-3 ED1: Adjustable speed electrical power drive systems - Part 5-3: Safety requirements - Functional, electrical and environmental requirements for encoders, 01/08/2021

33/651/FDIS, IEC 63210 ED1: Shunt power capacitors of the self-healing type for AC systems having a rated voltage above 1 000 V, 01/22/2021

34/770/CDV, IEC 62386-250 ED1: Digital addressable lighting interface - Part 250: Particular requirements - Integrated Power Supply (Device Type 49), 03/05/2021

34/771/CDV, IEC 62386-251 ED1: Digital addressable lighting interface - Part 251: Particular requirements - Memory bank 1 extension (Device Type 50), 03/05/2021

34/772/CDV, IEC 62386-252 ED1: Digital addressable lighting interface - Part 252: Particular requirements - Energy Reporting (Device Type 51), 03/05/2021

34/773/CDV, IEC 62386-253 ED1: Digital addressable lighting interface - Part 253: Particular requirements - Diagnostics and maintenance (Device Type 52), 03/05/2021

40/2811/NP, PNW 40-2811 ED1: Fixed capacitors for use in electronic equipment - Part 1-1: Generic blank detail specification, 03/05/2021

45A/1365(F)/FDIS, IEC 60987 ED3: Nuclear power plants - Instrumentation and control important to safety - Hardware requirements, 12/25/2020

46C/1176/CD, IEC 62783-1-1 ED1: Twinax cables for digital communications - Part 1-1: Time domain test methods for Twinax cables for digital communications, General Requirements, 03/05/2021

47/2667/CDV, IEC 62435-9 ED1: Electronic components - Long-term storage of electronic semiconductor devices - Part 9: Special Cases, 03/05/2021

47/2671/NP, PNW 47-2671 ED1: Semiconductor devices - Fault test method for automotive vehicles - Part 1: General conditions and definitions, 03/05/2021

57/2310/CDV, IEC 62325-451-8 ED1: Framework for energy market communications - Part 451-8: HVDC processes, contextual and assembly models for European style market, 03/05/2021

59/752/DTR, IEC TR 63250 ED1: Household electrical appliances - Method of measuring performance - Assessment of repeatability, reproducibility and uncertainty, 02/05/2021

59L/194/CD, IEC 62947 ED1: Electrically operated spray toilet seat for household and similar use - Methods for measuring the performance - General test methods of spray seats, 04/02/2021

61/6131/CDV, IEC 60335-2-113/AMD1 ED1: Amendment 1 - Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for cosmetic and beauty care appliances incorporating lasers and intense light sources, 03/05/2021

68/669/CDV, IEC 60404-6/AMD1 ED3: Amendment 1 - Magnetic materials - Part 6: Methods of measurement of the magnetic properties of magnetically soft metallic and powder materials at frequencies in the range 20 Hz to 100 kHz by the use of ring specimens, 03/05/2021

68/675/DTR, IEC TR 63304 ED1: Methods of measurement of the magnetic properties of permanent magnet (magnetically hard) materials in an open magnetic circuit using a superconducting magnet, 02/05/2021

82/1814/CDV, IEC 61730-2/AMD1 ED2: Amendment 1 - Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing, 03/05/2021

82/1815/CDV, IEC 62788-2-1 ED1: Measurement procedures for materials used in photovoltaic modules - Part 2-1: Polymeric materials - Frontsheet and backsheet - Safety requirements, 03/05/2021

86B/4368/CDV, IEC 61300-2-24 ED3: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-24: Tests - Screen testing of ceramic alignment split sleeve by stress application, 03/05/2021

- 86B/4399/CD, IEC 61753-043-02 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 043-02: Simplex patch-cord style single-mode fibre wavelength selective devices with cylindrical ferrule connectors for category C - Controlled environment, 02/05/2021
- 86C/1706/CD, IEC 62150-6 ED1: Fibre optic active components and devices - Basic test and measurement procedures - Part 6: Universal mezzanine boards for test and measurement of photonic devices, 03/05/2021
- 87/754/CD, IEC TS 62791 ED2: Ultrasonics - Pulse-echo scanners - Low-echo sphere phantoms and method for performance testing of gray-scale medical ultrasound scanners applicable to a broad range of transducer types, 02/05/2021
- 87/755/CD, IEC 61689 ED4: Ultrasonics - Physiotherapy systems - Field specifications and methods of measurement in the frequency range 0,5 MHz to 5 MHz, 02/05/2021
- 91/1680/CDV, IEC 61249-6-3 ED1: Materials for printed boards and other interconnecting structures - Part 6-3: Sectional specification set for reinforcement materials - Specification for finished fabric woven from "E" glass for printed boards, 03/05/2021
- 100/3508/CDV, IEC 63246-2 ED1: Multimedia systems and equipment for cars - Configurable Car Infotainment Services (CCIS) - Part 2: Requirements (TA 17), 03/05/2021
- 100/3509/CDV, IEC 63246-3 ED1: Multimedia systems and equipment for cars - Configurable Car Infotainment Services (CCIS) - Part 3: Framework (TA 17), 03/05/2021
- 105/837/NP, PNW 105-837 ED1: Fuel cell technologies - Part 4 -1000: Fuel cell power system for rolling stock - Performance requirement and test methods, 02/05/2021
- 106/531/NP, PNW 106-531 ED1: Measurement procedures of magnetic field levels generated by electronic and electrical equipment in the automotive environment with respect to human exposure - Part 1: Low frequency magnetic fields, 02/05/2021
- 113/565/CD, IEC TS 62607-6-11 ED1: Nanomanufacturing - Key control characteristics - Part 6-11: Graphene-based material - Defect density: Raman spectroscopy, 02/05/2021
- 113/568/DTS, IEC TS 62607-6-10: Nanomanufacturing - Key control characteristics - Part 6-10: Graphene-based material - Sheet resistance: Terahertz time-domain spectroscopy, 03/05/2021
- 113/569/DTS, IEC TS 62607-6-9 ED1: Nanomanufacturing - Key control characteristics - Part 6-9: Graphene-based material - Sheet resistance: Eddy current method, 03/05/2021
- 113/570/NP, PNW TS 113-570 ED1: Nanomanufacturing - Key Control characteristics - Part 6-12: Graphene-based material - Number of layers: Raman spectroscopy, optical reflection, 03/05/2021
- 113/571/NP, PNW TS 113-571 ED1: IEC TS 62565-3-5: Nanomanufacturing - Material specifications - Part 3-5: Graphene-based material - Sectional blank detail specification: Graphene powder and dispersion, 03/05/2021
- 116/485/FDIS, IEC 62841-3-1/AMD1 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-1: Particular requirements for transportable table saws, 01/22/2021
- 119/342/FDIS, IEC 62899-202-7 ED1: Printed electronics - Part 202 -7: Printed films - Measurement of peel strength for printed layer on flexible substrate by 90° peel method, 01/22/2021
- 124/127/CD, IEC 63203-402-2 ED1: Wearable electronic devices and technologies - Part 402-2: Performance Measurement of Fitness Wearables - Step Counting, 03/05/2021
- SyCSM/48/DTR, ISO/IEC TR 63306-2 ED1: Smart Manufacturing Standards Map (SM2) - Part 2: Catalogue, 02/05/2021
- JTC1-SC25/2998/CD, 15045-3-1: Information technology - Home Electronic System (HES) gateway - Part 3-1: Introduction to privacy, security, and safety, 03/05/2021
- JTC1-SC41/193/NP, PNW JTC1-SC41-193 ED1: Internet of Things (IoT) - Underwater network management system (U-NMS) interworking, 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

ACOUSTICS (TC 43)

[ISO 2922:2020](#), Acoustics - Measurement of airborne sound emitted by vessels on inland waterways and harbours, \$68.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

[ISO 22514-3:2020](#), Statistical methods in process management - Capability and performance - Part 3: Machine performance studies for measured data on discrete parts, \$138.00

BIOGAS (TC 255)

[ISO 23590:2020](#), Household biogas system requirements: Design, installation, operation, maintenance and safety, \$103.00

CORROSION OF METALS AND ALLOYS (TC 156)

[ISO 23123:2020](#), Corrosion control engineering life cycle - General requirements, \$68.00

DOCUMENT IMAGING APPLICATIONS (TC 171)

[ISO 32000-2:2020](#), Document management - Portable document format - Part 2: PDF 2.0, \$232.00

GAS CYLINDERS (TC 58)

[ISO 7866/Amd1:2020](#), Gas cylinders - Refillable seamless aluminium alloy gas cylinders - Design, construction and testing - Amendment 1, \$19.00

HYDROMETRIC DETERMINATIONS (TC 113)

[ISO 25377:2020](#), Hydrometric uncertainty guidance (HUG), \$209.00

MATERIALS, EQUIPMENT AND OFFSHORE STRUCTURES FOR PETROLEUM AND NATURAL GAS INDUSTRIES (TC 67)

[ISO 27509:2020](#), Petroleum and natural gas industries - Compact flanged connections with IX seal ring, \$232.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

[ISO 19986:2020](#), Lasers and laser-related equipment - Test method for angle resolved scattering, \$103.00

PAPER, BOARD AND PULPS (TC 6)

[ISO 21436:2020](#), Pulps - Determination of lignin content - Acid hydrolysis method, \$68.00

[ISO 21437:2020](#), Pulps - Determination of carbohydrate composition, \$103.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

[ISO 4259-1/Amd2:2020](#), Petroleum and related products - Precision of measurement methods and results - Part 1: Determination of precision data in relation to methods of test - Amendment 2: Updating definition of r and R, \$19.00

PHOTOGRAPHY (TC 42)

[ISO 12231-1:2020](#), Photography - Electronic still picture imaging terminology - Part 1: Supplemental vocabulary, \$45.00

PLASTICS PIPES, FITTINGS AND VALVES FOR THE TRANSPORT OF FLUIDS (TC 138)

[ISO 15876-3/Amd1:2020](#), Plastics piping systems for hot and cold water installations - Polybutene (PB) - Part 3: Fittings - Amendment 1, \$19.00

[ISO 15877-2/Amd2:2020](#), Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 2: Pipes - Amendment 2, \$19.00

ROAD VEHICLES (TC 22)

[ISO 8820-10:2020](#), Road vehicles - Fuse-links - Part 10: Fuse-links with tabs Type L (high current miniature), \$68.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 24041:2020](#), Ships and marine technology - Shark jaws and towing pins, \$68.00

SMALL CRAFT (TC 188)

[ISO 9093:2020](#), Small craft - Seacocks and through-hull fittings, \$68.00

STEEL (TC 17)

[ISO 6306:2020](#), Chemical analysis of steel - Order of listing elements in steel standards, \$45.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

[ISO 21998:2020](#), Interpreting services - Healthcare interpreting - Requirements and recommendations, \$103.00

TEXTILES (TC 38)

[ISO 21765:2020](#), Textiles - Determination of fabric deformability by forced mechanical distension, \$138.00

[ISO 1833-22:2020](#), Textiles - Quantitative chemical analysis - Part 22: Mixtures of viscose or certain types of cupro or modal or lyocell with flax fibres (method using formic acid and zinc chloride), \$45.00

WATER RE-USE (TC 282)

[ISO 23070:2020](#), Water Reuse in Urban Areas - Guidelines for reclaimed water treatment: Design principles of a RO treatment system of municipal wastewater, \$138.00

ISO Technical Reports**BLOCKCHAIN AND DISTRIBUTED LEDGER TECHNOLOGIES (TC 307)**

[ISO/TR 23576:2020](#), Blockchain and distributed ledger technologies - Security management of digital asset custodians, \$162.00

ISO Technical Specifications**GRAPHIC TECHNOLOGY (TC 130)**

[ISO/TS 18621-31:2020](#), Graphic technology - Image quality evaluation methods for printed matter - Part 31: Evaluation of the perceived resolution of printing systems with the Contrast-Resolution chart, \$162.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 14496-15/Amd1:2020](#), Information technology - Coding of audio-visual objects - Part 15: Carriage of network abstraction layer (NAL) unit structured video in the ISO base media file format - Amendment 1: Improved support for tiling and layering, \$19.00

[ISO/IEC 29160:2020](#), Information technology - Radio frequency identification for item management - RFID Emblem, \$103.00

[ISO/IEC 30144:2020](#), Information technology - Sensor network system architecture for power substations, FREE

[ISO/IEC 20897-1:2020](#), Information security, cybersecurity and privacy protection - Physically unclonable functions - Part 1: Security requirements, \$103.00

IEC Standards**CAPACITORS AND RESISTORS FOR ELECTRONIC EQUIPMENT (TC 40)**

[IEC 60384-16 Ed. 3.0 b cor.1:2020](#), Corrigendum 1 - Fixed capacitors for use in electronic equipment - Part 16: Sectional specification - Fixed metallized polypropylene film dielectric DC capacitors, \$0.00

ELECTRICAL INSTALLATIONS OF BUILDINGS (TC 64)

[IEC 60364-5-53 Amd.1 Ed. 4.0 b:2020](#), Amendment 1 - Low-Voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection for safety, isolation, switching, control and monitoring, \$117.00

[IEC 60364-5-53 Ed. 4.1 b:2020](#), Low-Voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection for safety, isolation, switching, control and monitoring, \$469.00

FIBRE OPTICS (TC 86)

[IEC 61280-4-5 Ed. 1.0 b:2020](#), Fibre-optic communication subsystem test procedures - Part 4-5: Installed cabling plant - Attenuation measurement of MPO terminated fibre optic cabling plant using test equipment with MPO interfaces, \$352.00

[IEC 61300-2-54 Ed. 1.0 b:2019](#), Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-54: Tests - Corrosive atmosphere (mixed gas), \$47.00

[IEC 61300-3-30 Ed. 2.0 b:2020](#), Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-30: Examinations and measurements - Endface geometry of rectangular ferrule, \$164.00

[S+ IEC 61300-3-30 Ed. 2.0 en:2020 \(Redline version\)](#), Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-30: Examinations and measurements - Endface geometry of rectangular ferrule, \$213.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

[IEC 61158-4-21 Ed. 2.0 b:2019](#), Industrial communication networks - Fieldbus specifications - Part 4-21: Data-link layer protocol specification - Type 21 elements, \$375.00

[IEC 61158-4-24 Ed. 2.0 b:2019](#), Industrial communication networks - Fieldbus specifications - Part 4-24: Data-link layer protocol specification - Type 24 elements, \$387.00

[IEC 61158-4-25 Ed. 1.0 b:2019](#), Industrial communication networks - Fieldbus specifications - Part 4-25: Data-link layer protocol specification - Type 25 elements, \$352.00

[IEC 61158-5-18 Ed. 2.0 b:2010](#), Industrial communication networks - Fieldbus specifications - Part 5-18: Application layer service definition - Type 18 elements, \$235.00

[IEC 61158-5-19 Ed. 4.0 b:2019](#), Industrial communication networks - Fieldbus specifications - Part 5-19: Application layer service definition - Type 19 elements, \$235.00

ROTATING MACHINERY (TC 2)

[IEC 60034-18-41 Amd.1 Ed. 1.0 b cor.1:2020](#), Corrigendum 1 - Amendment 1 - Rotating electrical machines - Part 18-41: Partial discharge free electrical insulation systems (Type I) used in electrical rotating machines fed from voltage converters - Qualification and quality control tests, \$0.00

TERMINOLOGY (TC 1)

[IEC 60050-112 Amd.2 Ed. 1.0 b:2020](#), Amendment 2 - International Electrotechnical Vocabulary (IEV) - Part 112: Quantities and units, \$12.00

[IEC 60050-113 Amd.4 Ed. 1.0 b:2020](#), Amendment 4 - International Electrotechnical Vocabulary (IEV) - Part 113: Physics for electrotechnology, \$12.00

Accreditation Announcements (U.S. TAGs to ISO)

Transfer of TAG Administrator – U.S. TAG to ISO

US TAG to ISO TC 122, Packaging (including the U.S. TAG to ISO/TC 122/SC 4, Packaging and the environment) transferred from the Material Handling Industry (MHI) to ASTM

Comment Deadline: January 19, 2021

The U.S. Technical Advisory Group (TAG) to ISO TC 122, Packaging (including the U.S. TAG to ISO/TC 122/SC 4, Packaging and the environment) has voted to approve the transfer of TAG Administrator responsibilities from the Material Handling Industry (MHI) to ASTM. The TAG will continue to operate under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities (Annex A of the ANSI International Procedures). Please submit any comments on this action by January 19, 2021 to: Mr. Jimmy Farrell, Staff Manager, ASTM, 100 Barr Harbor Drive, West Conshohocken, PA 19428; phone: 610.832.9661; email: jfarrell@astm.org (please copy jthompso@ansi.org). If no comments are received, this action will be formally approved, effective January 20, 2021.

International Electrotechnical Commission (IEC)

USNC TAG Administrator - Organization Needed

IEC/TC 5 - Steam Turbines

ASME is relinquishing its role as the USNC TAG Administrator for the USNC TAG to IEC/TC 5: Steam turbines. The USNC is looking for a new organization to take on this USNC TAG Administratorship.

Please note that according to the rules and procedures of the USNC, a USNC TAG cannot exist without a USNC TAG Administrator. If we cannot find a new USNC TAG Administrator, the USNC will have to withdraw from international participation and register with the IEC as a Non-Member of this Committee.

If an organization is interested in the position of USNC TAG Administrator for the USNC TAG to IEC/TC 5, they are invited to contact Ade Gladstein at agladstein@ansi.org.

Please see the scope for the IEC/TC 5 below.

Scope:

Preparation of specifications and standards for the rating and testing of steam turbines.

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.

Call for International (ISO) Secretariat

ISO/TC 4/SC 11 - Linear Motion Rolling Bearings

Reply Deadline: January 8, 2021

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 4/SC 11 – Linear motion rolling bearings. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 4/SC 11 to the American Bearing Manufacturers Association (ABMA). ABMA has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 4/SC 11 operates in the area of Linear motion rolling bearings under the scope of ISO/TC 4 – Rolling bearings:

Standardization of all types and all sizes of bearing elements based on the principle of rolling motion, including the lubrication, their accessories, application and identification and standardization of spherical plain bearings, i.e. plain bearings with spherical contact surface.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 4/SC 11. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

If no U.S. organization steps forward to assume the ISO/TC 4/SC 11 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by January 8, 2021, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

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

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 4/SC 6 - Insert Bearings

Reply Deadline: January 8, 2021

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 4/SC 6 – Insert bearings. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 4/SC 6 to the American Bearing Manufacturers Association (ABMA). ABMA has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 4/SC 6 operates in the area of Insert bearings under the scope of ISO/TC 4 – Rolling bearings:

Standardization of all types and all sizes of bearing elements based on the principle of rolling motion, including the lubrication, their accessories, application and identification and standardization of spherical plain bearings, i.e., plain bearings with spherical contact surface.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 4/SC 6. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

If no U.S. organization steps forward to assume the ISO/TC 4/SC 6 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by January 8, 2021, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

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

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 4/SC 9 - Tapered Roller Bearings

Reply Deadline: January 8, 2021

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 4/SC 9 – Tapered roller bearings. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 4/SC 9 to the American Bearing Manufacturers Association (ABMA). ABMA has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 4/SC 9 operates in the area of Tapered roller bearings under the scope of ISO/TC 4 – Rolling bearings:

Standardization of all types and all sizes of bearing elements based on the principle of rolling motion, including the lubrication, their accessories, application and identification and standardization of spherical plain bearings, i.e. plain bearings with spherical contact surface.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 4/SC 9. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

If no U.S. organization steps forward to assume the ISO/TC 4/SC 9 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by January 8, 2021, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

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

Call for U.S. TAG Administrator

ISO/TC 155 – Nickel and Nickel Alloys

ANSI has been informed that ASTM International, the ANSI-accredited U.S. TAG Administrator for ISO/TC 155, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 155 operates under the following scope:

Standardization in the field of nickel and nickel alloys including terminology, specifications and methods of sampling, testing and analysis.

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

International Organization for Standardization (ISO)

Establishment of ISO Technical Committee

ISO/TC 331 - Biodiversity

Comment Deadline: January 6, 2021

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

ISO/TC 331 operates under the following scope:

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

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

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

ISO 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.

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.

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

NSF/ANSI International Standard for Biosafety Cabinetry —

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

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3 Definitions

-

3.5.3 sealed service pass-through: A structure that allows wiring, cables, tubing, etc. to pass from the outside environment into a contaminated area of the cabinet (e.g., electrical wires for the fan in a Type A BSC). Its installation is durable, not typically requiring service, or replacement, or both. Its functions are to immobilize the items passing through it, and to provide a seal meeting the requirements of Annex ~~A~~ **N-1**, Section ~~A-4~~ **N-1.1**.

-

3.8.2.1 Class II Type A1 cabinets (formerly designated Type A) – cabinets that:

- maintain minimum average inflow velocity of 75 ft/min (0.38 m/s) through the work access opening; containment may fail when people walk by the work opening.
- have HEPA/ULPA filtered downflow air that is a portion of the mixed downflow and inflow air from a common plenum (i.e., a plenum from which a portion of the air is exhausted from the cabinet and the remainder supplied to the work area);
- may exhaust HEPA/ULPA filtered air back into the laboratory or to the environment through an external exhaust system connected to the cabinet with a canopy connection; and
- have all biologically contaminated ducts and plenums under negative pressure or surrounded by negative pressure ducts and plenums.

If ~~working with volatile~~ **using chemicals with toxic vapors**, the unit shall be canopy-connected to external exhaust system if ~~permitted~~ **deemed appropriate** by a chemical risk assessment (refer to Section ~~E-3.1.3~~ **I-1 3.1.3**).

NOTE — Type A1 BSCs manufactured prior to 2010 are not suitable for work with volatile chemicals due to the contaminated positive pressured plenums that are not surrounded by negative pressure plenums.

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3.8.2.2 Class II, Type A2 cabinets (when exhausted to the environment were formerly designated Type B3) – cabinets that:

- maintain a minimum average inflow velocity of 100 ft/min (0.51 m/s) through the work access opening;
- have HEPA/ULPA filtered downflow air that is a portion of the mixed downflow and inflow air from a common exhaust plenum;
- may exhaust HEPA/ULPA filtered air back into the laboratory or to the environment through an external exhaust system connected to the cabinet with a canopy connection; and
- have all biologically contaminated ducts and plenums under negative pressure or surrounded by negative pressure ducts and plenums.

If working with volatile using chemicals with toxic vapors, the unit shall be canopy-connected to external exhaust system if permitted deemed appropriate by a chemical risk assessment (refer to Section E.3.1.3 I-1 3.1.3).

Rationale: some volatile chemicals are not toxic (e.g. Ethyl Alcohol). In such cases external ducting is not necessary.

BSR/UL 705, Standard for Safety for Power Ventilators

1. Updating the standard to include additional requirements for ventilator for heat and smoke control

PROPOSAL

Supplement SD - POWER VENTILATORS FOR SMOKE CONTROL SYSTEMS

SD.1 Power Ventilators for smoke control systems

SD.1.1 Power ventilators complying with this standard may be additionally tested for smoke control systems. Ventilators shall be tested to a temperature and time rating specified by the ventilator manufacturer. The sample shall be placed on a fixture representing the intended use and operation of the ventilator. The ventilator shall be started and operated per the manufacturer's instructions, and the inlet air temperature increased to the manufacturer provide temperature.

SD.1.2 The temperatures obtained on any portion of the ventilator are for reference purposes only. Parts of the ventilator shall not warp, deteriorate or become damaged to any extent that would cause unsafe operation or prevent the unit from operating. The unit under test must continue to run throughout the entire time specified by the manufacturer.

SD.1.3 A separate ventilator may be used for each temperature and time rating specified by the manufacturer.

Table SD.1

Examples of temperature and time ratings

<u>Temperature. F (C)</u>	<u>Min Time</u>
-	-
<u>350 (177)</u>	<u>1 hour</u>
<u>500 (260)</u>	<u>2 hours</u>
<u>752 (400)</u>	<u>2 hours</u>
<u>1000 (538)</u>	<u>15 min.</u>
<u>1112 (600)</u>	<u>1 hour</u>

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2. Deletion of Reference to Withdrawn Standard, UL 508C

PROPOSAL

14.3.6 Electronically protected motor circuits shall comply with the Standard for Tests for Safety-Related Controls Employing Solid State Devices, [UL 991](#). When the electronic circuit is relying on software as a protective component, it shall comply with all of 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.

Exception: Compliance with [UL 991](#) and [UL 1998](#) is not required for an electronically protected motor circuit if:

- a) There is no risk of fire, electric shock or casualty hazard noted during Abnormal testing with the motor electronic circuit rendered ineffective (open or short circuited), or*
- b) It complies with the Standard for Automatic Electrical Controls - Part 1: General Requirements, [UL 60730-1](#) and the Standard for Automatic Electrical Controls - Part 2-9: Particular Requirements for Temperature Sensing Controls, [UL 60730-2-9](#). When the electronic circuit is relying on software as a protective component, it shall comply with all of the requirements in clause H 11.12 of [UL 60730-1](#), if software is relied upon to perform a safety function, it shall be considered software class B, or*
- ~~c) It is a power conversion controller incorporating overcurrent protection complying with the Standard for Power Conversion Equipment, [UL 508C](#) and is rated or set to trip at not more than the 115 percent of the motor nameplate full-load current rating, or~~*
- d) Electronic protection complies with the test requirements and the circuits requirements of Supplement [SB, UL 60335-1](#) Based Requirements for the Evaluation of Electronic Circuits.*

16.1.1 A motor control device shall comply one of the following:

- a) The Standard for Automatic Electrical Controls - Part 1: General Requirements, UL 60730-1, in conjunction with the applicable Part 2 from the UL 60730 series,
- b) *Deleted*
- c) The Standard for Industrial Control Equipment, UL 508, or
- ~~d) The Standard for Power Conversion Equipment, UL 508C, or~~
- e) Electronic protection that complies with the test requirements and the circuits requirements of Supplement SB, UL 60335-1 Based Requirements for the Evaluation of Electronic Circuits.

3. Editorial Updates to Make DC Dielectric Voltage-Withstand Test Consistent with Other Standards

PROPOSAL

23.5 For conducting the input test on a ventilator of the axial type, an inlet duct is to be employed with the air-blocking surface located a distance from the ventilator at least equal to the diameter of the propeller or blade wheel.

24.3 With reference to the requirements in 24.2, the temperature at the inlet is to be determined by a thermocouple grid positioned in a plane perpendicular to the air flow and located 6 inches (150 mm) from the collar of the duct fan. The grid is to be constructed of thermocouples of the same length connected in parallel. The duct is to be divided into equal areas and thermocouples are to be located as illustrated in Figure 24.1. The thermocouples ~~are to be iron-constantan wire~~ shall not be larger than 24 AWG (0.21 mm²).

26.1 The equipment shall withstand without breakdown the following:

a) A potential, as specified below, applied between live parts of hazardous voltage circuits, and dead (grounded) metal parts, for a period of 1 min. AC test potentials are 40 - 70 Hz and DC test potentials represent the peak value of the AC test potentials. For the test, the unit may be in a heated or unheated condition.

1) 1000 V ac or ~~4400~~ 1414 dc for units rated 250 V or less, and which include a motor rated at 1/2 hp or less.

2) 1000 V ac plus twice the rated voltage or ~~4400~~ 1414 V dc plus 2.8 times rated voltage for units rated more than 250 V or which include a motor rated larger than 1/2 hp.

3) One thousand volts, or 1000 volts plus twice the rated voltage, depending upon the value of the test potential applied to the ventilator as a whole, between the terminals of a capacitor used for power-factor correction or for radio-interference elimination.

b) *Deleted*

c) *Deleted*

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BSR/UL 2420, Standard for Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

1. Clarification on where to measure the minimum inside diameter of socket specified in Tables 5 to 8

PROPOSAL

Table 5

Dimensions for couplings — IPS DB

(See Clause 4.3.1)

Trade size	Metric designator	Socket depth				Inside diameter of socket <u>at entrance</u> , minimum		Socket wall thickness, minimum	
		Minimum		Maximum		mm	(in)	mm	(in)
		mm	(in)	mm	(in)				
1/2	16	50.80	2.00	101.6	4	22.10	0.870	1.40	0.055
3/4	21	50.80	2.00	101.6	4	27.43	1.080	1.40	0.055
1	27	50.80	2.00	101.6	4	34.16	1.345	1.40	0.055
1-1/4	35	50.80	2.00	101.6	4	42.93	1.690	1.40	0.055
1-1/2	41	50.80	2.00	101.6	4	49.02	1.930	1.40	0.055
2	53	50.80	2.00	127	5	60.96	2.400	1.40	0.055
2-1/2	63	50.80	2.00	127	5	74.42	2.930	1.40	0.055
3	78	50.80	2.00	127	5	89.66	3.530	1.40	0.055
4	103	76.20	3.00	127	5	115.06	4.530	1.40	0.055
4HW	H103	76.20	3.00	127	5	115.06	4.530	1.91	0.075
5	129	76.20	3.00	127	5	142.49	5.610	2.03	0.080
5HW	H129	76.20	3.00	127	5	142.49	5.610	2.41	0.095
6	155	76.20	3.00	127	5	169.04	6.655	2.03	0.080
6HW	H155	76.20	3.00	127	5	169.16	6.660	2.41	0.095

Table 6*Dimensions for couplings — IPS EB*

(See Clause 4.3.1)

Trade size	Metric designator	Socket depth				Inside diameter of socket <u>at entrance</u> , minimum		Socket wall thickness, minimum	
		Minimum		Maximum		mm	(in)	mm	(in)
		mm	(in)	mm	(in)				
4EB	103	76.20	3.00	127	5	114.05	4.490	1.02	0.040
5EB	129	76.20	3.00	127	5	141.48	5.570	1.40	0.055
6EB	155	76.20	3.00	127	5	168.91	6.650	1.40	0.055

Table 7*Dimensions for couplings — ID DB*

(See Clause 4.3.1)

Trade size	Metric designator	Socket depth				Inside diameter of socket <u>at entrance</u> , minimum		Socket wall thickness, minimum	
		Minimum		Maximum		mm	(in)	mm	(in)
		mm	(in)	mm	(in)				
1/2	16	50.80	2.00	101.6	4	16.05	0.632	1.40	0.055
3/4	21	50.80	2.00	101.6	4	22.40	0.890	1.40	0.055
1	27	50.80	2.00	101.6	4	29.46	1.170	1.40	0.055
1-1/4	35	50.80	2.00	101.6	4	35.81	1.420	1.40	0.055
1-1/2	41	50.80	2.00	101.6	4	42.16	1.670	1.40	0.055
2	53	50.80	2.00	127	5	55.12	2.170	1.40	0.055
2-1/2	63	50.80	2.00	127	5	66.29	2.670	1.40	0.055
3	78	50.80	2.00	127	5	80.52	3.170	1.40	0.055
3-1/2	91	50.80	2.00	127	5	93.22	3.670	1.40	0.055

4	103	76.20	3.00	127	5	105.92	4.170	1.40	0.055
4HW	H103	76.20	3.00	127	5	107.44	4.230	1.91	0.075
4-1/2	116	101.60	4.00	127	5	119.63	4.710	2.03	0.080
4-1/2HW	H116	101.60	4.00	127	5	120.90	4.760	2.29	0.090
5	129	101.60	4.00	127	5	132.84	5.230	2.03	0.080
5HW	H129	101.60	4.00	127	5	133.10	5.240	2.29	0.090
6	155	101.60	4.00	127	5	158.24	6.230	2.03	0.080
6HW	H155	101.60	4.00	127	5	158.24	6.230	2.29	0.090

Table 8*Dimensions for couplings — ID EB*

(See Clause 4.3.1)

Trade size	Metric designator	Socket depth				Inside diameter of socket <u>at entrance</u> , minimum		Socket wall thickness, minimum	
		Minimum		Maximum		mm	(in)	mm	(in)
		mm	(in)	mm	(in)				
4EB	103	76.20	3.00	127	5	105.41	4.150	1.02	0.040
4-1/2EB	116	76.20	3.00	127	5	118.36	4.660	1.40	0.055
5EB	129	76.20	3.00	127	5	131.32	5.170	1.40	0.055
6EB	155	76.20	3.00	127	5	156.72	6.170	1.40	0.055

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BSR/UL 62841-2-2, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 2-2: Particular Requirements For Hand-Held Screwdrivers And Impact Wrenches

1. Revisions To Incorporate Missing Text From Clause 17.2DV.2

PROPOSAL

17.2DV.2 D1 Modification: Replace the third paragraph of Clause 17.2 of the Part 2 with the following:

An impact wrench or ratchet driver shall be operated with no-load for 12 h at a voltage equal to 1,1 times the highest rated voltage or 1,1 times the upper limit of the rated voltage range and then for 12 h at a supply voltage equal to 0,9 times the lowest rated voltage or 0,9 times the lower limit of the rated voltage range. The 12 h of operation need not be continuous. If applicable, the tool shall be adjusted to the maximum attainable speed.

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*The "Submit End" deadline applies to forms received by Monday, 5:00 PM ET

Based on the dates below, an ANSI-Developer can anticipate that a request made between the SUBMIT START date and the *SUBMIT END 5 PM date will appear in ANSI Standards Action on the SA PUBLISHED date.

The last three columns display the 30, 45 & 60-DAY PR (Public Review) END dates

ISSUE	SUBMIT START	*SUBMIT END 5 PM	SA PUBLISHED	30-DAY PR END	45-DAY PR END	60-DAY PR END
01	12/15/2020	12/21/2020	Jan 1	1/31/2021	2/15/2021	3/2/2021
02	12/22/2020	12/28/2020	Jan 8	2/7/2021	2/22/2021	3/9/2021
03	12/29/2020	1/4/2021	Jan 15	2/14/2021	3/1/2021	3/16/2021
04	1/5/2021	1/11/2021	Jan 22	2/21/2021	3/8/2021	3/23/2021
05	1/12/2021	1/18/2021	Jan 29	2/28/2021	3/15/2021	3/30/2021
06	1/19/2021	1/25/2021	Feb 5	3/7/2021	3/22/2021	4/6/2021
07	1/26/2021	2/1/2021	Feb 12	3/14/2021	3/29/2021	4/13/2021
08	2/2/2021	2/8/2021	Feb 19	3/21/2021	4/5/2021	4/20/2021
09	2/9/2021	2/15/2021	Feb 26	3/28/2021	4/12/2021	4/27/2021
10	2/16/2021	2/22/2021	Mar 5	4/4/2021	4/19/2021	5/4/2021
11	2/23/2021	3/1/2021	Mar 12	4/11/2021	4/26/2021	5/11/2021
12	3/2/2021	3/8/2021	Mar 19	4/18/2021	5/3/2021	5/18/2021
13	3/9/2021	3/15/2021	Mar 26	4/25/2021	5/10/2021	5/25/2021
14	3/16/2021	3/22/2021	Apr 2	5/2/2021	5/17/2021	6/1/2021
15	3/23/2021	3/29/2021	Apr 9	5/9/2021	5/24/2021	6/8/2021
16	3/30/2021	4/5/2021	Apr 16	5/16/2021	5/31/2021	6/15/2021
17	4/6/2021	4/12/2021	Apr 23	5/23/2021	6/7/2021	6/22/2021
18	4/13/2021	4/19/2021	Apr 30	5/30/2021	6/14/2021	6/29/2021
19	4/20/2021	4/26/2021	May 7	6/6/2021	6/21/2021	7/6/2021
20	4/27/2021	5/3/2021	May 14	6/13/2021	6/28/2021	7/13/2021
21	5/4/2021	5/10/2021	May 21	6/20/2021	7/5/2021	7/20/2021
22	5/11/2021	5/17/2021	May 28	6/27/2021	7/12/2021	7/27/2021
23	5/18/2021	5/24/2021	Jun 4	7/4/2021	7/19/2021	8/3/2021
24	5/25/2021	5/31/2021	Jun 11	7/11/2021	7/26/2021	8/10/2021
25	6/1/2021	6/7/2021	Jun 18	7/18/2021	8/2/2021	8/17/2021
26	6/8/2021	6/14/2021	Jun 25	7/25/2021	8/9/2021	8/24/2021
27	6/15/2021	6/21/2021	Jul 2	8/1/2021	8/16/2021	8/31/2021
28	6/22/2021	6/28/2021	Jul 9	8/8/2021	8/23/2021	9/7/2021
29	6/29/2021	7/5/2021	Jul 16	8/15/2021	8/30/2021	9/14/2021



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*The "Submit End" deadline applies to forms received by Monday, 5:00 PM ET

Based on the dates below, an ANSI-Developer can anticipate that a request made between the SUBMIT START date and the *SUBMIT END 5 PM date will appear in ANSI Standards Action on the SA PUBLISHED date.

The last three columns display the 30, 45 & 60-DAY PR (Public Review) END dates

ISSUE	SUBMIT START	*SUBMIT END 5 PM	SA PUBLISHED	30-DAY PR END	45-DAY PR END	60-DAY PR END
30	7/6/2021	7/12/2021	Jul 23	8/22/2021	9/6/2021	9/21/2021
31	7/13/2021	7/19/2021	Jul 30	8/29/2021	9/13/2021	9/28/2021
32	7/20/2021	7/26/2021	Aug 6	9/5/2021	9/20/2021	10/5/2021
33	7/27/2021	8/2/2021	Aug 13	9/12/2021	9/27/2021	10/12/2021
34	8/3/2021	8/9/2021	Aug 20	9/19/2021	10/4/2021	10/19/2021
35	8/10/2021	8/16/2021	Aug 27	9/26/2021	10/11/2021	10/26/2021
36	8/17/2021	8/23/2021	Sep 3	10/3/2021	10/18/2021	11/2/2021
37	8/24/2021	8/30/2021	Sep 10	10/10/2021	10/25/2021	11/9/2021
38	8/31/2021	9/6/2021	Sep 17	10/17/2021	11/1/2021	11/16/2021
39	9/7/2021	9/13/2021	Sep 24	10/24/2021	11/8/2021	11/23/2021
40	9/14/2021	9/20/2021	Oct 1	10/31/2021	11/15/2021	11/30/2021
41	9/21/2021	9/27/2021	Oct 8	11/7/2021	11/22/2021	12/7/2021
42	9/28/2021	10/4/2021	Oct 15	11/14/2021	11/29/2021	12/14/2021
43	10/5/2021	10/11/2021	Oct 22	11/21/2021	12/6/2021	12/21/2021
44	10/12/2021	10/18/2021	Oct 29	11/28/2021	12/13/2021	12/28/2021
45	10/19/2021	10/25/2021	Nov 5	12/5/2021	12/20/2021	1/4/2022
46	10/26/2021	11/1/2021	Nov 12	12/12/2021	12/27/2021	1/11/2022
47	11/2/2021	11/8/2021	Nov 19	12/19/2021	1/3/2022	1/18/2022
48	11/9/2021	11/15/2021	Nov 26	12/26/2021	1/10/2022	1/25/2022
49	11/16/2021	11/22/2021	Dec 3	1/2/2022	1/17/2022	2/1/2022
50	11/23/2021	11/29/2021	Dec 10	1/9/2022	1/24/2022	2/8/2022
51	11/30/2021	12/6/2021	Dec 17	1/16/2022	1/31/2022	2/15/2022
52	12/7/2021	12/13/2021	Dec 24	1/23/2022	2/7/2022	2/22/2022
53	12/14/2021	12/20/2021	Dec 31	1/30/2022	2/14/2022	3/1/2022