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Project Initiation Notification System (PINS)

Section 2.5.1 of the *ANSI Essential Requirements* (www.ansi.org/essentialrequirements) describes the Project Initiation Notification System (PINS) and includes requirements associated with a PINS Deliberation. Following is a list of PINS notices submitted for publication in this issue of ANSI Standards Action by ANSI-Accredited Standards Developers (ASDs). Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for information about American National Standards (ANS) maintained under the continuous maintenance option, as a PINS to initiate a revision of such standards is not required. 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 interested parties wishing to receive more information or to submit comments are to contact the sponsoring ANSI-Accredited Standards Developer directly **within 30 calendar days** of the publication of this PINS announcement.

AAFS (American Academy of Forensic Sciences)

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Revision

BSR/ASB Std 037-202x, Standard for Reporting and Testimony of Forensic Toxicology Results and Opinions (revision of ANSI/ASB Std 037-2019)

Stakeholders: Forensic toxicology community are the primary stakeholders, but the laboratory customers (e.g., medical examiners, law enforcement, attorneys, judges) benefit from the reports and testimony of which this document addresses.

Project Need: This is a revision to one of the most frequently encountered ASB documents in courtroom testimony â€œ ANSI/ASB BPR 037. The best practice recommendations 037 will be revised from a best practice recommendation to a standard and expanded to include ANSI/ASB Std 053 Standard for Report Content in Forensic Toxicology.

Interest Categories: Academics and Researchers, General Interest, Jurisprudence and Criminal Justice, Producer, User - Government, User - Non-Government

This document establishes the requirements for reporting and testimony of forensic toxicology results and opinions. Specifically, it is intended for the subdisciplines of human performance toxicology (e.g., driving-under-the-influence of alcohol (to include breath alcohol), or drugs and drug-facilitated crimes), postmortem forensic toxicology, non-regulated employment drug testing, court-ordered toxicology (e.g., probation and parole, drug courts, child services), and general forensic toxicology (e.g., non-lethal poisonings or intoxications). The document does not apply to the reporting of breath alcohol subject testing results and breath alcohol calibration results.

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Revision

BSR/ASB Std 044-202x, Standard for Examination of Documents for Indentations (revision of ANSI/ASB Std 044-2019)

Stakeholders: Forensic Document Examiners, FDE academia, legal community

Project Need: Forensic Document Examination frequently entails the examination of documents for indented writing and other impressions. This document provides the requirements needed for those examinations. This document will be the second edition of ANSI/ASB Standard 044, Standard for Examination of Documents for Indentations, First Edition, 2019.

Interest Categories: Academics and Researchers, General Interest, Jurisprudence and Criminal Justice, Producer, User - Government, User - Non-Government

This standard provides requirements for the techniques, technologies, and procedures used by forensic document examiners for the examination, visualization, evaluation, sourcing, and reporting of indentations on documents.

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Revision

BSR/ASB Std 045-202x, Standard for Stature Estimation in Forensic Anthropology (revision of ANSI/ASB Std 045-2019)
Stakeholders: Forensic anthropology practitioners; coroner/medical examiner offices; universities that curate human remains and/or associated data; museums

Project Need: This is the revision to the existing ANSI/ASB Standard 045. It will provide updated language and methods, if the Consensus Body feels they are needed. The anticipated outcome of adopting and using this document is that the estimation of stature will follow acceptable practices.

Interest Categories: Academics and Researchers, General Interest, Producer, User - Government, User - Non-Government

This document provides minimum requirements for the estimation of stature from adult skeletal remains.

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Revision

BSR/ASB Std 090-202x, Standard for Sex Estimation in Forensic Anthropology (revision of ANSI/ASB Std 090-2019)
Stakeholders: Forensic anthropology practitioners; coroner/medical examiner offices; universities that curate human remains and/or associated data; museums

Project Need: This is the revision to the existing ANSI/ASB Standard 090. It will provide updated language and methods, if the Consensus Body feels they are needed. The anticipated outcome of adopting and using this document is that the estimation of sex will follow acceptable practices.

Interest Categories: Academics and Researchers, General Interest, Producer, User - Government, User - Non-Government

This document provides minimum requirements for the estimation of sex from adult skeletal elements.

AAFS (American Academy of Forensic Sciences)

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New Standard

BSR/ASB Std 216-202x, Standard for Construction of Multilocus Databases (new standard)
Stakeholders: Wildlife/non-human forensic science practitioners, academia, legal

Project Need: The composition of a database intended for use in population genetic analyses is critical for accurate comparison among the individual subjects as well as statistically sound group assignment (e.g., individual, relatedness, population, geographic source, taxonomic grouping). Forensic wildlife analysts use their knowledge in assessing the scientific merit of results obtained from analysis of allele frequency and population genetic data, and in the subsequent reporting of results.

Interest Categories: Academics and Researchers, General Interest, User - Government, User - Non-Government

This standard sets forth the minimum requirements for developing multilocus population genetic databases for wildlife forensics, including criteria for the identification of samples, inclusion of associated biological information, choice and evaluation of genetic markers, standard statistical evaluation of the reference database, and evaluation and quality assurance of databases. This standard applies to databases generated from reference samples and excludes those derived from evidence items. This document does not cover specific applications, such as individual and familial relationship evaluation, geographic assignment, or other scientific techniques performed on wildlife forensic casework. This standard addresses the technical procedures a laboratory needs, but does not specify what validation studies (e.g., representativeness of test samples, choice of thresholds) are necessary to meet scientific requirements of validity.

ABYC (American Boat and Yacht Council)

Emily Parks <eparks@abycinc.org> | 613 Third Street, Suite 10 | Annapolis, MD 21403 www.abycinc.org

Revision

BSR/ABYC A-14-202x, Gasoline and Propane Gas Detection Systems (revision of ANSI/ABYC A-14-2020)

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

Project Need: This standard addresses the design, construction, and installation of gasoline and propane gas detection and indicating equipment on boats.

Interest Categories: Manufacturer - Boats, Manufacturer - Accessory, Trade Associations, Insurance/Survey, Specialist Misc., Government, Consumer

This standard addresses the design, construction, and installation of gasoline and propane gas detection and indicating equipment on boats.

ABYC (American Boat and Yacht Council)

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Revision

BSR/ABYC A-24-202x, Installation of Carbon Monoxide Detectors and Alarms (revision of ANSI/ABYC A-24-2020)

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

Project Need: This standard addresses the installation of carbon monoxide detectors and alarms on boats.

Interest Categories: Manufacturer - Boats, Manufacturer - Accessory, Trade Associations, Insurance/Survey, Specialist Misc., Government, Consumer

This standard addresses the installation of carbon monoxide detectors and alarms on boats.

ABYC (American Boat and Yacht Council)

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Revision

BSR/ABYC A-31-202x, Battery Chargers and Inverters (revision of ANSI/ABYC A-31-2020)

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

Project Need: This standard applies to permanently installed marine battery chargers powered by less than 300 VAC providing current at a potential of 60 VDC or less, and permanently installed DC to AC marine inverters supplying less than 300 VAC at a frequency of 50 or 60 Hz, and permanently installed inverter/chargers operating in accordance with A-31.1.1 and A-31.1.2.

Interest Categories: Manufacturer - Boats, Manufacturer - Engines, Manufacturer - Accessory, Trade Associations, Insurance/Survey, Specialist Service, Specialist Misc., Government, Consumer, General Interest

This standard addresses the design, construction, and installation of permanently installed marine alternating current (AC) battery chargers, power inverters, and inverter/chargers.

ABYC (American Boat and Yacht Council)

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Revision

BSR/ABYC E-2-202x, Cathodic Protection (revision of ANSI/ABYC E-2-2019)

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

Project Need: This standard applies to the design, installation, and use of cathodic protection systems on boats with sacrificial anodes or impressed currents.

Interest Categories: Manufacturer - Boats, Manufacturer - Engines, Manufacturer - Accessory, Trade Associations, Insurance/Survey, Specialist Service, Specialist Misc., Government, Consumer, General Interest

This standard applies to the design, installation, and use of cathodic protection systems on boats with sacrificial anodes or impressed currents.

ABYC (American Boat and Yacht Council)

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Revision

BSR/ABYC E-13-202x, Lithium Ion Batteries (revision of ANSI/ABYC E-13-2022)

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

Project Need: This standard applies to installed boat battery systems over 600 watt-hours (Wh).

Interest Categories: Manufacturer - Boats, Manufacturer - Engines, Manufacturer - Accessory, Trade Associations, Insurance/Survey, Specialist Service, Specialist Misc., Government, Consumer, General Interest

This standard addresses selection and installation of lithium ion batteries on boats, lithium ion battery system design (e.g., house battery bank, cranking, propulsion), and manufacturer safety information.

ABYC (American Boat and Yacht Council)

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Revision

BSR/ABYC H-4-202x, Cockpit Drainage Systems (revision of ANSI/ABYC H-4-2020)

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

Project Need: This standard applies to all boats with cockpits and addresses the definition, design, and construction of cockpit drainage systems.

Interest Categories: Manufacturer - Boats, Manufacturer - Engines, Manufacturer - Accessory, Trade Associations, Specialist Misc., Government, Consumer, General Interest

This standard applies to all boats with cockpits and addresses the definition, design, and construction of cockpit drainage systems.

ABYC (American Boat and Yacht Council)

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Revision

BSR/ABYC H-22-202x, Electric Bilge Pump Systems (revision of ANSI/ABYC H-22-2020)

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

Project Need: This standard applies to the design, construction, installation, operation, and control of electric bilge pump systems on boats equipped with electric bilge pump systems intended for control of spray, rain water, and normal accumulation of water due to seepage and spillage.

Interest Categories: Manufacturer - Boats, Manufacturer - Accessory, Trade Associations, Insurance/Survey, Specialist Service, Specialist Misc., Government

This standard applies to the design, construction, installation, operation, and control of electric bilge pump systems on boats equipped with electric bilge pump systems intended for control of spray, rain water, and normal accumulation of water due to seepage and spillage.

ABYC (American Boat and Yacht Council)

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Revision

BSR/ABYC H-23-202x, Water Systems on Boats (revision of ANSI/ABYC H-23-2020)

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

Project Need: This standard applies to the design, construction, and installation of water systems on boats.

Interest Categories: Manufacturer - Boats, Manufacturer - Accessory, Trade Associations, Insurance/Survey, Specialist Service, Specialist Misc., Government

This standard applies to the design, construction, and installation of water systems on boats.

ABYC (American Boat and Yacht Council)

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Revision

BSR/ABYC H-31-202x, Seat Structures (revision of ANSI/ABYC H-31-2020)

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

Project Need: This standard applies to permanently installed seats in cockpits, deck areas, and all helm position(s), including their fastenings and structures to which they are attached.

Interest Categories: Manufacturer - Boats, Manufacturer - Accessory, Trade Associations, Insurance/Survey, Specialist Misc., Government, Consumer

This standard addresses the design, construction, installation, and testing of permanently installed seating systems in all boats.

ABYC (American Boat and Yacht Council)

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Revision

BSR/ABYC P-14-202x, Mechanical Propulsion Control Systems (revision of ANSI/ABYC P-14-2020)

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

Project Need: This standard applies to mechanical remote control systems for boat propulsion machinery and its trim/tilt adjustment mechanisms.

Interest Categories: Manufacturer - Boats, Manufacturer - Engines, Manufacturer - Accessory, Trade Associations, Specialist Service, Specialist Misc., Government

This standard addresses the design, construction, testing, and installation of systems for mechanical remote control of the forward and reverse thrust, speed, and trim/tilt of propulsion machinery on boats.

ASSP (Safety) (American Society of Safety Professionals)

Rick Blanchette <rblanchette@assp.org> | 520 N. Northwest Highway | Park Ridge, IL 60068 www.assp.org

Revision

BSR/ASSP Z15.1-202X, Safe Practices for Motor Vehicle Operations (revision and redesignation of ANSI/ASSP Z15.1-2024)

Stakeholders: OSH Professionals

Project Need: Based upon the consensus of the Z15 Committee and the leadership of ASSP

Interest Categories: OSH Professionals

This standard sets forth practices for the safe management and operation of motor vehicles owned or operated by organizations. These practices are designed for use by those having the responsibility for the administration and operation of motor vehicles for organizational business.

AWC (American Wood Council)

Bradford Douglas <bdouglas@awc.org> | 222 Catocin Circle , Suite 201 | Leesburg, VA 20175 www.awc.org

Revision

BSR/AWC PWF-202x, Permanent Wood Foundation Design Specification (revision and redesignation of ANSI/AWC PWF-2021)

Stakeholders: Engineers, architects, builders and regulators

Project Need: The basic design and construction requirements for the Permanent Wood Foundation (PWF) system are set forth in this publication. Included are criteria for materials, preservative treatment, soil characteristics, environmental control, design loads, and structural design. Provisions need to be updated to latest reference standards including the NDS and SDPWS.

Interest Categories: Producers, Users, General Interest

Update to Specification covering the engineered design of Permanent Wood Foundations

ICC (International Code Council)

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New Standard

BSR/ICC 550-202x, Standard for Air Structures and Design (new standard)

Stakeholders: Design professionals, engineers, building owners, contractors, consultants, inspectors, manufacturers, operators and testing laboratories.

Project Need: Over the years, air structures have gained wider acceptance and undergone improvements in design and performance. Thousands of air structures have been manufactured, contributing to a wealth of operational experience and performance data. While building codes aim to safeguard public interest and safety, they may not readily apply to air-supported structures due to their dynamic nature and unique design considerations. Due to variations in knowledge, design criteria, and manufacturing methods within the industry, there is a need for a standard to protect public safety.

Interest Categories: Manufacturer, Builder, User, Government Regulator

This standard will serve as a comprehensive resource and include design criteria and formulas for air structures based on years of research, testing, and observations from thousands of buildings in use. This standard will cover snow and wind load values based on local conditions and specific jurisdictions including recommended load application methods and designs. This standard is not intended as a comprehensive guide for constructing an entire air structure system.

SIMA (Snow and Ice Management Association)

Ellen Lobello <ellen@sima.org> | 10140 N Port Washington Road | Milwaukee, WI 53092 <http://www.sima.org>

Revision

BSR/SIMA 10-202x, Standard Practice for Procuring and Planning Snow and Ice Management Services (revision of ANSI/SIMA 10-2020)

Stakeholders: Snow and ice service providers, property and facility owners and managers, legal, insurance, consumers of snow and ice management services.

Project Need: Snow and ice management service providers and their customers need to have standardized ways and methods of planning and preparation for snow and ice storms. Current practices are actualizing into inconsistent terms, lack of clarity, and unmet expectations. During snow and ice events (winter storms) standardized methods of procurement and planning are needed to enhance public safety and transportation.

Interest Categories: General interest, service provider, manufacturer, user

This standard of practice covers essential procuring and planning for snow and ice management services. Standards for procuring and planning are essential for business continuity and to improve safety for patrons, tenants, employees and others in the general public. Knowing how to describe service requirements in a snow and ice management request for proposal (RFP) is an important component to providing effective services, particularly where winter weather is a variable. This standard practice provides guidance on the snow and ice management procurement and planning process to aid in the creation of RFPs, contracts, agreements, and monitoring procedures. This standard will not be submitted for consideration as an ISO, IEC or ISO/IEC JTC-1 standard.

TAPPI (Technical Association of the Pulp and Paper Industry)

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Reaffirmation

BSR/TAPPI T 401 om-2015 (R202x), Fiber analysis of paper and paperboard (reaffirmation of ANSI/TAPPI T 401 om-2015 (R2020))

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

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

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This method provides a procedure for the identification of the kinds of fibers present in a sample of paper or paperboard and their quantitative estimation. This method requires the analyst be skillful and experienced in the field of pulp and paper microscopy.

TAPPI (Technical Association of the Pulp and Paper Industry)

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Reaffirmation

BSR/TAPPI T 480 om-2015 (R202x), Specular gloss of paper and paperboard at 75 degrees (reaffirmation of ANSI/TAPPI T 480 om-2015 (R2020))

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

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

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This method is for measuring the specular gloss of paper at 75° (15° from the plane of paper). Although its chief application is for coated papers (1), it is also used for a variety of uncoated papers.

TAPPI (Technical Association of the Pulp and Paper Industry)

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Reaffirmation

BSR/TAPPI T 511 om-2013 (R202x), Folding endurance of paper (MIT tester) (reaffirmation of ANSI/TAPPI T 511 om-2013 (R2020))

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

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

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This method describes the use of the MIT-type apparatus for the determination of the folding endurance of paper. An exhaust fan arrangement maintains the folding head at room temperature.

TAPPI (Technical Association of the Pulp and Paper Industry)

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Reaffirmation

BSR/TAPPI T 524 om-2013 (R202x), Color of paper and paperboard (45/0, C/2) (reaffirmation of ANSI/TAPPI T 524 om-2013 (R2020))

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

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

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This method specifies a procedure for measuring the color of paper or paperboard with tristimulus filter colorimeters or spectrophotometers incorporating directional (45/0) geometry and CIE (International Commission on Illumination) illuminant C.

TAPPI (Technical Association of the Pulp and Paper Industry)

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Reaffirmation

BSR/TAPPI T 549 om-2020 (R202x), Coefficients of static and kinetic friction of uncoated writing and printing paper by use of the horizontal plane method (reaffirmation of ANSI/TAPPI T 549 om-2020)

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

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

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This method describes a horizontal plane procedure for the determination of the coefficient of static and kinetic friction of paper measured when sliding against itself.

TAPPI (Technical Association of the Pulp and Paper Industry)

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Reaffirmation

BSR/TAPPI T 553 om-2020 (R202x), Alkalinity of paper as calcium carbonate (alkaline reserve of paper) (reaffirmation of ANSI/TAPPI T 553 om-2020)

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

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

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This test method covers the determination of the alkalinity or alkaline reserve of paper, or both.

TAPPI (Technical Association of the Pulp and Paper Industry)

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Reaffirmation

BSR/TAPPI T 558 om-2010 (R202x), Surface wettability and absorbency of sheeted materials using an automated contact angle tester (reaffirmation of ANSI/TAPPI T 558 om-2010 (R2020))

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

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

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This test method measures the contact angle of a test liquid in contact with a film or a paper substrate under specified test conditions. This test method may be used with any liquid of interest which is compatible with the equipment used, particularly with regard to liquid viscosity, tackiness, and vapor pressure (evaporation). This test method may be used with any substrate of interest, which can be cut to dimensions compatible with the equipment used.

TAPPI (Technical Association of the Pulp and Paper Industry)

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Reaffirmation

BSR/TAPPI T 567 om-2020 (R202x), Determination of effective residual ink concentration (ERIC) by infrared reflectance measurement (reaffirmation of ANSI/TAPPI T 567 om-2020)

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

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

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This method provides a means for determining the Effective Residual Ink Concentration (ERIC) in de-inked pulp and paper made from recycled feedstock. The presence of ink influences the brightness and color of recycled paper. Trace amounts of residual ink can leave recycled paper darker and grayer than paper made from virgin pulp; however, deliberate bleaching or incidental bleaching by de-inking chemicals can recover some brightness loss if most of the ink has been removed. Counteracting the tinting power of residual ink can be easier if one can monitor the effective concentration of the ink. Brightness is not only affected by the presence of ink but also by other absorbers of visible wavelengths of light such as lignin and dye. For this reason, brightness has been found to be an ineffective way to monitor the de-inking process. The ERIC method employs reflectance measurements in the infrared region of the spectrum where the absorption coefficient for the ink is several orders of magnitude greater than the absorption coefficient for the fiber and other components, resulting in a sensitive means for determining the concentration of ink. The ERIC measurement is dependent on the distribution of ink particle sizes and is most effective for submicron particles.

TAPPI (Technical Association of the Pulp and Paper Industry)

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Reaffirmation

BSR/TAPPI T 580 om-2020 (R202x), Thickness (caliper) of towel, tissue, napkin and facial products (reaffirmation of ANSI/TAPPI T 580 om-2020)

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

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

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This method describes the procedure for measuring bulking thickness and variations in tissue paper and tissue products. This test method uses a relatively low-pressure 2 kPa (0.3 psi) because of the collapsible structure of tissue paper. TAPPI T 411, Thickness (caliper) of paper, paperboard, and combined board, uses a relatively high-pressure 50 kPa (7.3 psi). An essentially identical method is described in ISO 12625-3, Tissue paper and tissue products -- Part 3: Determination of thickness, bulking thickness and apparent bulk density.

TAPPI (Technical Association of the Pulp and Paper Industry)

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Reaffirmation

BSR/TAPPI T 836 om-2020 (R202x), Bending stiffness, four point method (reaffirmation of ANSI/TAPPI T 836 om-2020)

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

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

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This procedure specifies the method of determining the bending stiffness, also called flexural rigidity, in the machine and cross directions, of corrugated board using four-point loading. The procedure may also be used for solid boards and paperboard. The method is applicable to boards with a bending stiffness of 0.5 - 200 Nm (4.4 - 1770 lbf • in.).

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: October 20, 2024

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

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

Addenda

BSR/ASHRAE/ICC/IES/USGBC Addendum b to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023)

This addendum creates a Jurisdictional Option (JO) that prohibits future installation of irrigation systems for non-functional turfgrass. Turfgrass is one of the highest water-use plants commonly found in landscapes in the built environment. Communities in arid areas will be the most interested in this JO, though water shortages can occur for other reasons, such as water system treatment and distribution limitations or source water impairment. As such, this may be of interest to a significant set of AHJs. This second public review makes changes suggested during the first public review comment period and other committee members.

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

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

Comment Deadline: October 20, 2024

INMM (ASC N15) (Institute of Nuclear Materials Management)

P.O. Box 808, Livermore, CA 94551-0808 | tamashiro1@lnl.gov, www.inmm.org

Revision

BSR N15.56-202x, Standard for Methods of Nuclear Material Control - Nondestructive Assay Program - Nondestructive Assay Measurements of Nuclear Material Holdup: General Provisions (revision of ANSI N15.56-2014)

This standard defines general administrative practices for Non-Destructive Assay (NDA) of nuclear materials holdup in facilities that handle, store, and process special nuclear material (SNM). SNM is routinely deposited or entrapped in the equipment, interconnecting piping, ductwork, hoods, glove boxes, and other equipment used in material handling, and is referred to as material “held up in process” or simply “holdup.” The revision to this standard will provide updated definitions and provide greater detail on topics such as a measurement control program, method validation, procedures, and updates to normative and informative references.

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

Send comments (copy psa@ansi.org) to: Aaron Tamashiro <tamashiro1@lnl.gov>

ULSE (UL Standards & Engagement)

1603 Orrington Ave., Suite 2000, Evanston, IL 60201 | anna.roessing-zewe@ul.org, <https://ulse.org/>

Revision

BSR/UL 405-202x, Standard for Fire Department Connection Devices (revision of ANSI/UL 405-2020)

1.1 These requirements apply to fire department connection devices and roof manifolds intended for use in buildings having standpipe and hose, water spray, or sprinkler systems to enable a fire department to connect hose lines directly to the system to supplement existing water supplies. 1.2 Requirements for the installation and use of fire department connection devices and roof manifolds for fire protection service are included in the following Standards of the National Fire Protection Association: (a) NFPA 13, Installation of Sprinkler Systems; (b) NFPA 14, Standpipe, Private Hydrants, and Hose Systems; (c) NFPA 15, Water Spray Fixed Systems for Fire Protection; and (d) NFPA 24, Installation of Private Fire Service Mains and Their Appurtenances.

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

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

ULSE (UL Standards & Engagement)

1603 Orrington Avenue, Suite 2000, Evanston, IL 60201 | mitchell.gold@ul.org, <https://ulse.org/>

Revision

BSR/UL 508-202x, Standard for Safety for Industrial Control Equipment (revision of ANSI/UL 508-2021)

Recirculation of the following UL 508 ballot topics: (1) Revisions to Address Changes to UL 869A.

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

Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/ProposalAvailable>

Comment Deadline: October 20, 2024

ULSE (UL Standards & Engagement)

1603 Orrington Ave., Suite 2000, Evanston, IL 60201 | anna.roessing-zewe@ul.org, <https://ulse.org/>

Revision

BSR/UL 618-202x, Standard for Concrete Masonry Units (revision of ANSI/UL 618-2010 (R2020))

1.1 These requirements cover concrete masonry units classified for use in fire-resistive walls in accordance with the conditions of acceptance of the Standard for Fire Tests of Building Construction and Materials, UL 263. 1.2 Concrete masonry units are classified as follows: (a) 2-hour units are intended for use in fire resistive walls having a rating of 2 hours or less; (b) 3-hour units are intended for use in fire resistive walls having a rating of 3 hours or less; (c) 4-hour units are intended for use in fire resistive walls having a rating of 4 hours or less.

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

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

ULSE (UL Standards & Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Doreen.Stocker@ul.org, <https://ulse.org/>

Revision

BSR/UL 62841-4-5-202x, UL Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 4-5: Particular Requirements for Grass Shears (revision of ANSI/UL 62841-4-5-2023)

Proposed Adoption of IEC 62841-4-5 Ed 1 Corrigendum 1.

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

Send comments (copy 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: November 4, 2024

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | tkim@aami.org, www.aami.org

Reaffirmation

BSR/AAMI/ISO 11140-3 (R202x), Sterilization of health care products - Chemical indicators - Part 3: Class 2 indicator systems for use in the Bowie and Dick-type steam penetration test (reaffirm a national adoption ANSI/AAMI/ISO 11140-3-2012 (R2015))

Specifies the requirements for chemical indicators to be used in the steam penetration test for steam sterilizers for wrapped goods, e.g., instruments and porous materials. The indicator for this purpose is a Class 2 indicator as described in ISO 11140-1.

Single copy price: Free

Obtain an electronic copy from: tkim@aami.org

Send comments (copy psa@ansi.org) to: Thomas Kim, tkim@aami.org

Comment Deadline: November 4, 2024

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | tkim@aami.org, www.aami.org

Reaffirmation

BSR/AAMI/ISO 11140-1-2014 (R202x), Sterilization of health care products-Chemical indicators-Part 1: General requirements (reaffirm a national adoption ANSI/AAMI/ISO 11140-1-2014)

Specifies performance requirements for indicators that show exposure to sterilization processes by means of physical and/or chemical change of substances.

Single copy price: Free

Obtain an electronic copy from: tkim@aami.org

Send comments (copy psa@ansi.org) to: Thomas Kim, tkim@aami.org

ANS (American Nuclear Society)

1111 Pasquinelli Drive, Suite 350, Westmont, IL 60559 | kmurdoch@ans.org, www.ans.org

Revision

BSR/ANS 8.26-202x, Nuclear Criticality Safety Engineer Training and Qualification Program (revision of ANSI/ANS 8.26-2007 (R2022))

This standard presents the fundamental elements of a training and qualification program for individuals with responsibilities for performing the various technical aspects of criticality safety engineering. The standard presents a flexible array of competencies for use by management to develop tailored training and qualification programs applicable to site-specific job functions, facilities, and operations.

Single copy price: \$44.00

Obtain an electronic copy from: orders@ans.org

Send comments (copy psa@ansi.org) to: Patricia Schroeder <pschroeder@ans.org>

APTech (ASC CGATS) (Association for Print Technologies)

450 Rev Kelly Smith Way, Nashville, TN 37203 | jshaffer@aptech.org, www.printtechnologies.org

Reaffirmation

BSR CGATS/ISO 15930-3 (R202x), Graphic technology - Prepress digital data exchange - Use of PDF - Part 3: Complete exchange suitable for colour-managed workflows (PDF/X-3) (reaffirm a national adoption ANSI CGATS/ISO 15930-3-2004/ISO 15930-3-2002 (R2022))

This part of ISO 15930 specifies the use of the Portable Document Format (PDF) for the dissemination of complete digital data, in a single exchange, that contains all elements necessary for final print reproduction.

These exchanges will support both colour-managed workflows and traditional CMYK workflows

Single copy price: \$69.00

Obtain an electronic copy from: jshaffer@aptech.org

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

Comment Deadline: November 4, 2024

ASA (ASC S12) (Acoustical Society of America)

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 | standards@acousticalsociety.org, www.acousticalsociety.org

Reaffirmation

BSR/ASA S12.9-2007/Part 5 (R202x), Quantities and Procedures for Description and Measurement of Environmental Sound - Part 5: Sound Level Descriptors for Determination of Compatible Land Use (reaffirmation of ANSI/ASA S12.9-2007/Part 5 (R2020))

This Standard provides guidance on the compatibility of various human uses of land with the acoustical environment. This Standard uses the annual average of the total day-night adjusted sound exposure or the annual average of the adjusted day-night average sound level to characterize the acoustical environment. The annual average of the total day-night adjusted sound exposure and annual average of the adjusted day-night average sound level are explained in Part 4 of ANSI S12.9. An informative annex provides guidance for designation of land uses compatible with existing or predicted annual averages of the total day-night adjusted sound exposure or annual average of the adjusted day-night average sound level.

Single copy price: \$99.00

Obtain an electronic copy from: standards@acousticalsociety.org

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

ASA (ASC S12) (Acoustical Society of America)

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 | standards@acousticalsociety.org, www.acousticalsociety.org

Reaffirmation

BSR/ASA S12.12-1992 (R202x), Engineering Method for the Determination of Sound Power Levels of Noise Sources Using Sound Intensity (reaffirmation of ANSI/ASA S12.12-1992 (R2020))

This standard describes a method for in situ determination of the sound power level of noise sources in indoor or outdoor environments using sound intensity measurements. The standard contains information on instrumentation, installation and operation of the source, procedures for the selection of a measurement surface, methods of the sampling of sound intensity on the measurement surface, procedures for the calculation of sound power level, and techniques that can be used to qualify the measurement environment.

Single copy price: \$110.00

Obtain an electronic copy from: standards@acousticalsociety.org

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

ASA (ASC S12) (Acoustical Society of America)

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 | standards@acousticalsociety.org, www.acousticalsociety.org

Revision

BSR S12.14-202x, Methods for the Field Measurement of Sound Output of Audible Public Warning Devices Installed at Fixed Locations Indoors (revision of ANSI/ASA S12.14-1992 (R2020))

The standard describes simple procedures for measuring and reporting certain properties of audible warning devices to obtain repeatable field determinations of sound.

Single copy price: \$99.00

Obtain an electronic copy from: standards@acousticalsociety.org

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

Comment Deadline: November 4, 2024

ASA (ASC S3) (Acoustical Society of America)

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 | standards@acousticalsociety.org, www.acousticalsociety.org

Revision

BSR S3.6-202x, Specification of Audiometers (revision of ANSI/ASA S3.6-2018 (R2023))

The audiometers covered in this specification are devices designed for use in determining the hearing threshold level of an individual in comparison with a chosen standard reference threshold level. This standard provides specifications and tolerances for pure tone, speech, and masking signals and describes the minimum test capabilities of different types of audiometers. Methods and requirements for calibration of audiometers are provided.

Single copy price: \$169.00

Obtain an electronic copy from: standards@acousticalsociety.org

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

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, St. Joseph, MI 49085 | ingeson@asabe.org, <https://www.asabe.org/>

Reaffirmation

BSR/ASAE EP378.4 JUN2010 (R202x), Floor and Suspended Loads on Agricultural Structures Due to Use (reaffirmation of ANSI/ASAE EP378.4 JUN2010 (R202x))

This Engineering Practice presents probable floor and suspended loads due to building use and methods of applying the loads in building design. It also includes recommended design loads resulting from livestock, suspended caged poultry, vehicles, and manure stored on a floor. It does not include loads on manure storages, or wind and snow loads, or building design loads covered by ANSI/ASCE-7.

Single copy price: Free

Obtain an electronic copy from: ingeson@asabe.org

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

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

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

Addenda

BSR/ASHRAE Addendum a to Standard 41.8-2023, Standard Methods for Liquid Flow Measurement (addenda to ANSI/ASHRAE Standard 41.8-2023)

The purpose of 41.8-2023 Addendum a is to update the steady-state criteria sections.

Single copy price: \$35.00

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

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

Comment Deadline: November 4, 2024

AWS (American Welding Society)

8669 NW 36th Street #130, Miami, FL 33166 | jpadron@aws.org, www.aws.org

New Standard

BSR/AWS B2.1-23-028-202x, Standard Welding Procedure Specification (SWPS) for Gas Metal Arc Welding (Spray Metal Transfer Mode) of Aluminum (M-23/P-23), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER4043 or ER4943, in the As-Welded Condition, Primarily Plate and Structural Applications (new standard)
This standard contains the essential welding variables for aluminum in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using semiautomatic gas metal arc welding (Spray Metal Transfer Mode). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

Single copy price: \$164.00

Obtain an electronic copy from: jpadron@aws.org

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

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | jrosario@aws.org, www.aws.org

New Standard

BSR/AWS D11.2/D11.2M-202x, Guide for Welding Iron Castings (new standard)
This standard presents briefly the history and metallurgy of cast iron and the welding processes applicable to it. A newly developed weldability test is described in detail and instructions given for its application in specific cases. Provision is made for qualification of welding procedures and welders when necessary; quality control practice is also included.

Single copy price: \$56.00

Obtain an electronic copy from: jrosario@aws.org

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

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | jmolin@aws.org, www.aws.org

Revision

BSR/AWS D9.1/D9.1M-202x, Sheet Metal Welding Code (revision of ANSI/AWS D9.1M/D9.1-2018)
This code covers the arc and braze welding requirements for nonstructural sheet metal fabrications using the commonly welded metals available in sheet form. Requirements and limitations governing procedure and performance qualification are presented, and workmanship and inspection standards are supplied. The informative annexes provide useful information on materials and processes.

Single copy price: \$34.50 (Member Price); \$46.00 (Non-Member Price)

Obtain an electronic copy from: jmolin@aws.org

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

Comment Deadline: November 4, 2024

AWWA (American Water Works Association)

6666 W. Quincy Avenue, Denver, CO 80235 | mrohr@awwa.org, www.awwa.org

New Standard

BSR/AWWA B104 (formerly B1YY)-202x, Single-Use Ion Exchange Treatment for Trace Contaminant Removal (new standard)

This standard describes ion exchange resin for water supply service applications and the requirements of the equipment used in water treatment to remove contaminants such as per and polyfluoroalkyl substances, perchlorate, hexavalent chromium, uranium, and radium, etc., for potable water treatment applications with single-use ion exchange resin (resin that is not regenerated nor fluidized bed). It discusses the design of ion exchange resin systems and requirements for the ion exchange material.

Single copy price: Free

Obtain an electronic copy from: ETSsupport@awwa.org

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

AWWA (American Water Works Association)

6666 W. Quincy Avenue, Denver, CO 80235 | mrohr@awwa.org, www.awwa.org

Revision

BSR/AWWA C604-202x, Installation of Buried Steel Water Pipe-4 In. (100 mm) and Larger (revision of ANSI/AWWA C604-2017)

This standard provides the field installation guidelines for buried steel water pipe, 4 in. (100 mm) and larger. The information contained in this standard is intended to be used as a guide to assist in the installation of steel water pipe.

Single copy price: Free

Obtain an electronic copy from: ETSsupport@awwa.org

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

BHMA (Builders Hardware Manufacturers Association)

529 14th Street, NW, Suite 1280, Washington, DC 20045 | kbishop@kellencompany.com, www.buildershardware.com

Revision

BSR/BHMA A156.3-202x, Standard for Exit Devices (revision of ANSI/BHMA A156.3-2020)

This standard establishes requirements for exit devices and trim, automatic flush bolts, removable mullions, coordinators, and carry-open bars. Performance criteria include cycle, operational, strength, material evaluation, and security tests. †

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

Obtain an electronic copy from: kbishop@kellencompany.com

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

Comment Deadline: November 4, 2024

BHMA (Builders Hardware Manufacturers Association)

529 14th Street, NW, Suite 1280, Washington, DC 20045 | kbishop@kellencompany.com, www.buildershardware.com

Revision

BSR/BHMA A156.35-202x, Standard for Power Supplies for Electronic Access Control (revision of ANSI/BHMA A156.35-2020)

This Standard establishes requirements for power supplies specifically designed for use with electronic access control hardware and related electrical components to distribute power. Products are required to meet minimum performance criteria and given an energy efficiency rating.

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

Obtain an electronic copy from: kbishop@kellencompany.com

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

CSA (CSA America Standards Inc.)

8501 East Pleasant Valley Road, Cleveland, OH 44131-5575 | ansi.contact@csagroup.org, www.csagroup.org

Reaffirmation

BSR CSA Z21.91 (R202x), Ventless firebox enclosures for gas-fired unvented gas log type room heaters (reaffirmation of ANSI Z21.91-2019)

This Standard applies to newly produced ventless firebox enclosures, herein after referred to as fireboxes, for unvented gas log type room heaters. Fireboxes covered by this Standard are intended for use with unvented room heaters that comply with ANSI Z21.11.2 for installation in solid fuel-burning fireplaces.

Single copy price: Free

Obtain an electronic copy from: ansi.contact@csagroup.org

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

ISA (International Society of Automation)

3252 S. Miami Blvd, Suite 102, Durham, NC 27703 | crobinson@isa.org, www.isa.org

New Standard

BSR/ISA 84.91.03-202x, Functional Safety: Process Safety Controls, Alarms, and Interlocks as Protection Layers (new standard)

This standard sets forth requirements for achieving functional safety using process safety controls, alarms, and interlocks (PSCAI) as protection layers excluding process safety alarms.

Single copy price: \$199.00

Obtain an electronic copy from: crobinson@isa.org

Send comments (copy psa@ansi.org) to: Charley Robinson <crobinson@isa.org>

ISA (International Society of Automation)

3252 S. Miami Blvd, Suite 102, Durham, NC 27703 | crobinson@isa.org, www.isa.org

New Standard

BSR/ISA 96.09.01-202x, Guidelines for the Specification of Mounting Hardware for Quarter Turn Valve Actuators (new standard)

The purpose of this standard is to specify design requirements and basic quality protocol for interface hardware and adapters of quarter-turn actuators and valves.

Single copy price: \$99.00

Obtain an electronic copy from: crobinson@isa.org

Send comments (copy psa@ansi.org) to: Charley Robinson <crobinson@isa.org>

Comment Deadline: November 4, 2024

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Jeff.Noren@NECAnet.org, www.neca-neis.org

New Standard

BSR/NECA 121-202X, Standard for Installing Nonmetallic-Sheathed Cable (Type NM-B) and Underground Feeder and Branch-Circuit Cable (Type UF) (new standard)

1.1 Products and Applications Included. This standard describes installation procedures for nonmetallic-sheathed cable (Type NM-B) and underground feeder and branch-circuit cable (Type UF). This publication covers the following: (1) Nonmetallic-sheathed cable with insulation rated 90C (194F), listed as Type NM-B; (2) Underground feeder and branch-circuit cable, Type UF. 1.2 Products and Applications Excluded. This publication does not cover the following: (1) Nonmetallic-sheathed cable with insulation rated 60C (140F), listed as NM; (2) Corrosion-resistant nonmetallic-sheathed cable (Type NMC)

Single copy price: \$30.00 (member); \$60.00 (non-member)

Obtain an electronic copy from: neis@necanet.org

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

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Jeff.Noren@NECAnet.org, www.neca-neis.org

Revision

BSR/NECA 90-202X, Standard for Commissioning Building Electrical Systems (revision of ANSI/NECA 90-2015)
This Standard describes installation procedures for start-up, testing, and commissioning newly installed or retrofitted building electrical systems, equipment, and components. It defines the commissioning process and provides sample guidelines for attaining optimum system performance that conform to design, specification, and industry accepted Codes and Standards. This Standard addresses those commissioning activities that typically involve the Electrical Contractor and that are completed during and after the construction phase. The commissioning process also involves activities that are beyond the scope of this Standard.

Single copy price: \$30.00 (member); \$60.00 (non-member)

Obtain an electronic copy from: neis@necanet.org

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

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Jeff.Noren@NECAnet.org, www.neca-neis.org

Revision

BSR/NECA 700-202X, Standard for Installing Overcurrent Protection to Achieve Selective Coordination (revision of ANSI/NECA 700-2016)

This Standard describes the application procedures for selecting and adjusting low-voltage overcurrent protective devices (OCPDs) to achieve selective coordination.

Single copy price: \$30.00 (member); \$60.00 (non-member)

Obtain an electronic copy from: neis@necanet.org

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

Comment Deadline: November 4, 2024

NETA (InterNational Electrical Testing Association)

3050 Old Centre Rd, Suite 101, Portage, MI 49024 | ldanzy@netaworld.org, www.netaworld.org

Revision

BSR/NETA ATS-2025-202x, Standard for Acceptance Testing Specifications for Electrical Power Equipment and Systems (revision of ANSI/NETA ATS-2021)

Scope Summary: These specifications are designed to assure that tested electrical equipment and systems are operational, are within applicable standards and manufacturers' tolerances, and are installed in accordance with design specifications. Use ANSI/NETA ATS-2021 as a guide to ensure that electrical systems and apparatus not only meet project specifications, but that the manufacturer of the equipment supplied a product that will perform safely and reliably for many years to come.

Single copy price: \$495.00

Obtain an electronic copy from: ldanzy@netaworld.org

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

RESNET (Residential Energy Services Network, Inc.)

P.O. Box 4561, Oceanside, CA 92052 | rick.dixon@resnet.us, www.resnet.us.com

New Standard

BSR/ICC/RESNET 1580-202x, Standard for Calculating CO₂e Emissions Based on Metered Data, for Operational Ratings (new standard)

This standard will provide a consistent methodology for using long-run marginal emission rates by Cambium generation and emission assessment (GEA) region in the calculation of CO₂e emissions. The provisions of this standard provide requirements on how to estimate CO₂e emissions from measured data on electricity and fuel consumption of a facility or organization. It is intended for the purposes of complying with standards on disclosure of emissions and of reducing emissions year after year using an Energy Management System.

Single copy price: \$55.00

Obtain an electronic copy from: Download by following the "ANSI Standards & Amendments Out For Public Comment" link on webpage, <https://www.resnet.us/about/standards/standards-currently-out-for-public-comment/>

Send comments (copy psa@ansi.org) to: RESNET using the online form for the draft at <https://www.resnet.us/about/standards/standards-currently-out-for-public-comment/>, under link "ANSI Standards & Amendments Out For Public Comment"

SEIA (Solar Energy Industries Association)

1425 K Street, NW, Suite 1000, Washington 20005 | jmartin@seia.org, www.seia.org

New Standard

BSR/SEIA 101-202x, Solar and Energy Storage Supply Chain Traceability Standard (new standard)

The SEIA 101 Solar and Storage Supply Chain Traceability Standard provides provisions on how to structure organizational internal systems in order to identify and mitigate forced labor risks within solar and energy storage equipment supply chains. The standard contains information on how to conduct forced labor-focused due diligence, including how to develop a material traceability system to trace the provenance of materials from upstream suppliers into finished products, and how to identify and address indicators of forced labor in supply chains.

Single copy price: \$150.00 SEIA association basic members (other prices depend on membership level) and \$200.00 non-SEIA members; Electronic version is free for viewing on-line at SEIAs standards website.

Obtain an electronic copy from: <https://seia.org/research-resources/seia-101-solar-and-energy-storage-supply-chain-traceability-standard>

Send comments (copy psa@ansi.org) to: <https://www.tfaforms.com/5145007>

Comment Deadline: November 4, 2024

ULSE (UL Standards & Engagement)

1603 Orrington Ave, Suite 2000, Evanston, IL 60201 | madison.lee@ul.org, <https://ulse.org/>

Reaffirmation

BSR/UL 1332-2020 (R202x), Standard for Safety for Organic Coatings for Steel Enclosures for Outdoor Use Electrical Equipment (reaffirmation of ANSI/UL 1332-2020)

Reaffirmation and the continuance of the Fifth Edition of the Standard for Safety for Organic Coatings for Steel Enclosures for Outdoor Use Electrical Equipment, UL 1332, as a standard.

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/ProposalAvailable>

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

Comment Deadline: November 19, 2024

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME V&V 10 (R202x), Standard for Verification and Validation in Computational Solid Mechanics (reaffirmation of ANSI/ASME V&V 10-2019)

This document provides the computational solid and structural mechanics community with a common language, a conceptual framework, and general guidance for implementing the processes of computational model V&V.

Single copy price: \$60.00

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

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

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | s.merten@ieee.org, www.ieee.org

New Standard

BSR/IEEE 7009-202x, Standard for Fail-Safe Design of Autonomous and Semi-Autonomous Systems (new standard)

A practical, technical baseline of specific methodologies and tools for the development, implementation, and use of effective fail-safe mechanisms in autonomous and semi-autonomous systems is established in this standard.

The standard serves as the basis for developers, as well as users and regulators, to design fail-safe mechanisms in a robust, transparent, and accountable manner.

Single copy price: \$86.00

Obtain an electronic copy from: https://store accuristech.com/standards/ieee-7009-2024?product_id=2582157

Order from: <https://store accuristech.com/>

Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

Comment Deadline: November 19, 2024

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | s.merten@ieee.org, www.ieee.org

New Standard

BSR/IEEE C37.109-202x, Guide for the Protection of Shunt Reactors (new standard)

A guide to the methods and configurations for the protection of power system shunt reactors is provided in this guide. The protection of oil-immersed reactors equipped with auxiliary power windings, improved turn-to-turn fault protection, and use of digital (microprocessor-based) protection for shunt reactors are included.

Single copy price: \$107.00

Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-c37-109-2023?product_id=2522840

Order from: <https://store.accuristech.com/>

Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | s.merten@ieee.org, www.ieee.org

New Standard

BSR/IEEE C57.12.29-202x, Standard for Pad-Mounted Equipment - Enclosure Integrity for Coastal Environments (new standard)

Conformance tests and requirements for the coating integrity of above grade pad-mounted enclosures for application in coastal environments that contain apparatus energized in excess of 600 V may be exposed to the general public. These include, but are not limited to, the following types of equipment enclosures: pad-mounted capacitors or inductors, pad-mounted distribution transformers, pad-mounted junction enclosures, pad-mounted metering equipment, and pad-mounted voltage regulators.

Single copy price: \$64.00

Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-c57-12-29-2023?product_id=2561933

Order from: <https://store.accuristech.com/>

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IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | s.merten@ieee.org, www.ieee.org

New Standard

BSR/IEEE C57.12.52-202x, Standard for Sealed Dry-Type Distribution and Power Transformers (new standard)

Characteristics are provided in this standard relating to performance, limited electrical and mechanical interchangeability, and guidance to assist in the proper selection of sealed dry-type transformers having a high voltage of at least 601 V. Specific rating combinations are described in the range from 500 kVA to 5000 kVA inclusive, with voltage ratings as described in IEEE Std C57.12.01™. The fill gases used in these sealed dry-type power transformers are not explicitly defined. This standard does not apply to other types of transformers, such as those transformers described as exceptions in IEEE Std C57.12.01, as well as ventilated dry-type and non-ventilated dry-type transformers.

Single copy price: \$56.00

Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-c57-12-52-2024?product_id=2501657

Order from: <https://store.accuristech.com/>

Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

Comment Deadline: November 19, 2024

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | s.merten@ieee.org, www.ieee.org

Revision

BSR/IEEE 400.2-202x, Approved Draft Guide for Field Testing of Shielded Power Cable Systems Using Very Low Frequency (VLF) (less than 1 Hz) (revision of ANSI/IEEE 400.2-2013)

Very low frequency (VLF) withstand and other diagnostic tests and measurements that are performed using VLF energization in the field on shielded power cable systems are described in this guide. Whenever possible, cable systems are treated in a similar manner to individual cables. Tables are included as an aid to identifying the effectiveness of the VLF ac voltage test for various cable system insulation problems.

Single copy price: \$77.00

Obtain an electronic copy from: https://store accuristech.com/standards/ieee-p400-2?product_id=2569120

Order from: <https://store accuristech.com/>

Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | s.merten@ieee.org, www.ieee.org

Revision

BSR/IEEE C37.102-202x, Guide for AC Generator Protection (revision of ANSI/IEEE C37.102-2006 (R2012))

This guide has been prepared to assist the protection engineer in applying relays for the protection of generators from damage caused by internal electrical faults, system faults, or abnormal operating conditions.

Single copy price: \$173.00

Obtain an electronic copy from: [https://store accuristech.com/standards/ieee-c37-102-2023?](https://store accuristech.com/standards/ieee-c37-102-2023?product_id=2260540)

[product_id=2260540](https://store accuristech.com/standards/ieee-c37-102-2023?product_id=2260540)

Order from: <https://store accuristech.com/>

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Revision

BSR/IEEE C57.12.40-202x, Standard for Network, Three-Phase Transformers, 2500 kVA and Smaller; High Voltage, 34 500 V and Below; Low Voltage, 600 V and Below; Subway and Vault Types (Liquid Immersed) (revision of ANSI/IEEE C57.12.40-2017)

This standard is intended for use as a basis for establishing the performance, interchangeability, and safety of the equipment covered and to assist in the proper selection of such equipment.

Single copy price: \$60.00

Obtain an electronic copy from: [https://store accuristech.com/standards/ieee-c57-12-40-2024?](https://store accuristech.com/standards/ieee-c57-12-40-2024?product_id=2565298)

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Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

Comment Deadline: November 19, 2024

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

National Adoption

INCITS/ISO 19123-1:2023 [202x], Geographic information - Schema for coverage geometry and functions - Part 1: Fundamentals (identical national adoption of ISO 19123-1:2023 and revision of INCITS/ISO 19123:2005 [R2021])

Defines a conceptual schema for coverages. A coverage is a mapping from a spatial, temporal or spatiotemporal domain to attribute values sharing the same attribute type. A coverage domain consists of a collection of direct positions in a coordinate space that can be defined in terms of spatial and/or temporal dimensions, as well as non-spatiotemporal (in ISO 19111:2019, "parametric") dimensions. Examples of coverages include point clouds, grids, meshes, triangulated irregular networks, and polygon sets.

Single copy price: \$250.00

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

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Send comments (copy psa@ansi.org) to: Barbara Bennett <INCITS-comments@connectedcommunity.org>

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National Adoption

INCITS/ISO 19123-3:2023 [202x], Geographic information - Schema for coverage geometry and functions - Part 3: Processing fundamentals (identical national adoption of ISO 19123-3:2023)

Defines a coverage processing language for server-side extraction, filtering, processing, analytics, and fusion of multi-dimensional geospatial coverages representing, for example, spatio-temporal sensor, image, simulation, or statistics datacubes. Services implementing this language provide access to original or derived sets of coverage information, in forms that are useful for client-side consumption.

Single copy price: \$250.00

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National Adoption

INCITS/ISO 19144-2:2023 [202x], Geographic information - Classification systems - Part 2: Land Cover Meta Language (LCML) (identical national adoption of ISO 19144-2:2023 and revision of INCITS/ISO 19144-2:2012 [R2023])

Specifies a Land Cover Meta Language (LCML) expressed as a UML metamodel that allows different Land Cover classification systems to be described based on physiognomic aspects. This document recognizes that a number of Land Cover classification systems exist. It provides a common reference structure for the comparison and integration of data for any generic Land Cover classification system, but does not intend to replace those classification systems.

Single copy price: \$278.00

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

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National Adoption

INCITS/ISO 19152-1:2024 [202x], Geographic information - Land Administration Domain Model (LADM) - Part 1:

Generic conceptual model (identical national adoption of ISO 19152-1:2024)

Defines a reference Land Administration Domain Model (LADM) covering basic information-related components of land administration/georegulation; provides an abstract, conceptual model with packages related to: parties (people and organizations), basic administrative units, rights, responsibilities and restrictions (RRRs), spatial units, a generic conceptual model (sources and versioned object); ...

Single copy price: \$194.00

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

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National Adoption

INCITS/ISO 19152-3:2024 [202x], Geographic information - Land Administration Domain Model (LADM) - Part 3:

Marine georegulation (identical national adoption of ISO 19152-3:2024)

Specifies the concepts and structure for standardization for georegulation in the marine space. This document addresses the information structures related to management of legal spaces (such as the international maritime limits and boundaries, marine living and non-living resources management areas, marine conservation areas, etc.) and their related rights and obligations. This document establishes the common elements and basic schema to structure marine georegulation information system. It builds upon the common components defined in ISO 19152-1.

Single copy price: \$250.00

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National Adoption

INCITS/ISO 19156:2023 [202x], Geographic information - Observations, measurements and samples (identical national adoption of ISO 19156:2023 and revision of INCITS/ISO 19156:2011 [R2022])

Defines a conceptual schema for observations, for features involved in the observation process, and for features involved in sampling when making observations. These provide models for the exchange of information describing observation acts and their results, both within and between different scientific and technical communities.

Single copy price: \$278.00

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National Adoption

INCITS/ISO 22739:2024 [202x], Blockchain and distributed ledger technologies - Vocabulary (identical national adoption of ISO 22739:2024)

Defines fundamental terminology for blockchain and distributed ledger technologies.

Single copy price: \$124.00

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

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National Adoption

INCITS/ISO/IEC 4922-2:2024 [202x], Information security - Secure multiparty computation - Part 2: Mechanisms based on secret sharing (identical national adoption of ISO/IEC 4922-2:2024)

Specifies the processes for secure multiparty computation mechanisms based on the secret sharing techniques which are specified in ISO/IEC 19592-2. Secure multiparty computation based on secret sharing can be used for confidential data processing. Examples of possible applications include collaborative data analytics or machine learning where data are kept secret, secure auctions where each bidding price is hidden, and performing cryptographic operations where the secrecy of the private keys is maintained.

Single copy price: \$194.00

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National Adoption

INCITS/ISO/IEC 5259-1:2024 [202x], Artificial intelligence - Data quality for analytics and machine learning (ML) - Part 1: Overview, terminology, and examples (identical national adoption of ISO/IEC 5259-1:2024)

Provides the means for understanding and associating the individual documents of the ISO/IEC 5259 series and is the foundation for conceptual understanding of data quality for analytics and machine learning. It also discusses associated technologies and examples (e.g., use cases and usage scenarios).

Single copy price: \$166.00

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

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National Adoption

INCITS/ISO/IEC 5259-3:2024 [202x], Artificial intelligence - Data quality for analytics and machine learning (ML) - Part 3: Data quality management requirements and guidelines (identical national adoption of ISO/IEC 5259-3:2024)

Specifies requirements and provides guidance for establishing, implementing, maintaining and continually improving the quality of data used in the areas of analytics and machine learning.

Single copy price: \$155.00

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

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

Send comments (copy psa@ansi.org) to: Barbara Bennett <INCITS-comments@connectedcommunity.org>

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National Adoption

INCITS/ISO/IEC 5259-4:2024 [202x], Artificial intelligence - Data quality for analytics and machine learning (ML) - Part 4: Data quality process framework (identical national adoption of ISO/IEC 5259-4:2024)

Establishes general common organizational approaches, regardless of the type, size, or nature of the applying organization, to ensure data quality for training and evaluation in analytics and machine learning (ML). It includes guidance on the data quality process for: supervised ML with regard to the labeling of data used for training ML systems, including common organizational approaches for training data labeling; unsupervised ML; semi-supervised ML; reinforcement learning; analytics.

Single copy price: \$194.00

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

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

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National Adoption

INCITS/ISO/IEC 14888-4:2024 [202x], Information security - Digital signatures with appendix - Part 4: Stateful hash-based mechanisms (identical national adoption of ISO/IEC 14888-4:2024)

Specifies stateful digital signature mechanisms with appendix, where the level of security is determined by the security properties of the underlying hash function. This document also provides requirements for implementing basic state management, which is needed for the secure deployment of the stateful schemes described in this document.

Single copy price: \$250.00

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National Adoption

INCITS/ISO/IEC 18041-5:2023 [202x], Computer graphics, image processing and environmental data representation - Environmental Data Coding Specification (EDCS) language bindings - Part 5: C++ (identical national adoption of ISO/IEC 18041-5:2023)

Specifies the binding of the application program interface (API) defined in ISO/IEC 18025 to the C++ programming language.

Single copy price: \$250.00

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

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National Adoption

INCITS/ISO/IEC 23837-2:2023 [202x], Information security - Security requirements, test and evaluation methods for quantum key distribution - Part 2: Evaluation and testing methods (identical national adoption of ISO/IEC 23837-2:2023)

Specifies test and evaluation methods for the security evaluation of quantum key distribution (QKD). It also describes evaluation activities that constitute the test and evaluation methods for the security functional requirements on the implementation of QKD protocols, the quantum optical components and conventional network components in QKD modules. Moreover, supplementary evaluation activities for security assurance requirements are provided to support the security evaluation of QKD with appropriate assurance levels.

Single copy price: \$278.00

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National Adoption

INCITS/ISO/IEC 27006-1:2024 [202x], Information security, cybersecurity and privacy protection - Requirements for bodies providing audit and certification of information security management systems - Part 1: General (identical national adoption of ISO/IEC 27006-1:2024 and revision of INCITS/ISO/IEC 27006-1:2024 [202x])

Specifies requirements and provides guidance for bodies providing audit and certification of an information security management system (ISMS), in addition to the requirements contained within ISO/IEC 17021-1. The requirements contained in this document are demonstrated in terms of competence and reliability by bodies providing ISMS certification. The guidance contained in this document provides additional interpretation of these requirements for bodies providing ISMS certification.

Single copy price: \$223.00

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

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National Adoption

INCITS/ISO/IEC 27033-7:2023 [202x], Information technology - Network security - Part 7: Guidelines for network virtualization security (identical national adoption of ISO/IEC 27033-7:2023)

This document aims to identify security risks of network virtualization and proposes guidelines for the implementation of network virtualization security. Overall, this document intends to considerably aid the comprehensive definition and implementation of security for any organization's virtualization environments. It is aimed at users and implementers who are responsible for the implementation and maintenance of the technical controls required to provide secure virtualization environments.

Single copy price: \$166.00

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

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National Adoption

INCITS/ISO/IEC 5927:2024 [202x], Computer graphics, image processing and environmental data representation - Augmented and virtual reality safety - Guidance on safe immersion, set up and usage (identical national adoption of ISO/IEC 5927:2024)

Specifies how augmented reality (AR) and virtual reality (VR) devices are to be set up and used in the enterprise workplace in a manner that ensures health and safety (H&S) is maintained, H&S consequences are understood, and additional risks are not introduced. Within this concept of safe usage, there is particular focus on guidance around safe immersion (time) and safety in the workplace.

Single copy price: \$166.00

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National Adoption

INCITS/ISO/IEC 17825:2024 [202x], Information technology - Security techniques - Testing methods for the mitigation of non-invasive attack classes against cryptographic modules (identical national adoption of ISO/IEC 17825:2024 and revision of INCITS/ISO/IEC 17825:2016 [R2023])

Specifies the non-invasive attack mitigation test metrics for determining conformance to the requirements specified in ISO/IEC 19790:2012 for security levels 3 and 4. The test metrics are associated with the security functions addressed in ISO/IEC 19790:2012. Testing is conducted at the defined boundary of the cryptographic module and the inputs/outputs available at its defined boundary.

Single copy price: \$223.00

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National Adoption

INCITS/ISO/IEC 20924:2024 [202x], Internet of Things (IoT) and digital twin - Vocabulary (identical national adoption of ISO/IEC 20924:2024 and revision of INCITS/ISO/IEC 20924:2021 [2021])

Provides a definition of Internet of Things and digital twin along with a set of terms and definitions.

Single copy price: \$124.00

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

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

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National Adoption

INCITS/ISO/IEC 27040:2024 [202x], Information technology - Security techniques - Storage security (identical national adoption of ISO/IEC 27040:2024 and revision of INCITS/ISO/IEC 27040:2015 [R2022])

Provides detailed technical requirements and guidance on how organizations can achieve an appropriate level of risk mitigation by employing a well-proven and consistent approach to the planning, design, documentation, and implementation of data storage security. Storage security applies to the protection of data both while stored in information and communications technology (ICT) systems and while in transit across the communication links associated with storage. Storage security includes the security of devices and media, management activities related to the devices and media, applications and services, and controlling or monitoring user activities during the lifetime of devices and media, and after end of use or end of life.

Single copy price: \$278.00

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National Adoption

INCITS/ISO/IEC 27402:2023 [202x], Cybersecurity - IoT security and privacy - Device baseline requirements (identical national adoption of ISO/IEC 27402:2023)

Provides baseline ICT requirements for IoT devices to support security and privacy controls.

Single copy price: \$124.00

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

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National Adoption

INCITS/ISO/IEC 27403:2024 [202x], Cybersecurity - IoT security and privacy - Guidelines for IoT-domotics (identical national adoption of ISO/IEC 27403:2024)

Provides guidelines to analyze security and privacy risks and identifies controls that can be implemented in Internet of Things (IoT)-domotics systems.

Single copy price: \$223.00

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

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

Send comments (copy psa@ansi.org) to: Barbara Bennett <INCITS-comments@connectedcommunity.org>

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

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National Adoption

INCITS/ISO/IEC 27554:2024 [202x], Information security, cybersecurity and privacy protection - Application of ISO 31000 for assessment of identity-related risk (identical national adoption of ISO/IEC 27554:2024)

Provides guidelines for identity-related risk, as an extension of ISO 31000:2018. More specifically, it uses the process outlined in ISO 31000 to guide users in establishing context and assessing risk, including providing risk scenarios for processes and implementations that are exposed to identity-related risk. This document is applicable to the risk assessment of processes and services that rely on or are related to identity. This document does not include aspects of risk related to general issues of delivery, technology or security.

Single copy price: \$124.00

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National Adoption

INCITS/ISO/IEC 27561:2024 [202x], Information security, cybersecurity and privacy protection - Privacy operationalisation model and method for engineering (POMME) (identical national adoption of ISO/IEC 27561:2024)

Describes a model and method to operationalize the privacy principles specified in ISO/IEC 29100 into sets of controls and functional capabilities. The method is described as a process that builds upon ISO/IEC/IEEE 24774. This document is designed for use in conjunction with relevant privacy and security standards and guidance which impact privacy operationalization. It supports networked, interdependent applications and systems. This document is intended for engineers and other practitioners developing systems controlling or processing personally identifiable information.

Single copy price: \$194.00

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

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Comment Deadline: November 19, 2024

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National Adoption

INCITS/ISO/IEC 27001:2022/AM1:2024 [202x], Information security, cybersecurity and privacy protection - Information security management systems - Requirements - Amendment 1: Climate action changes (identical national adoption of ISO/IEC 27001:2022/AM1:2024)

Amendment 1 to ISO/IEC 27001:2022.

Single copy price: Free

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

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Send comments (copy psa@ansi.org) to: Barbara Bennett <INCITS-comments@connectedcommunity.org>

Project Withdrawn

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

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INCITS/ISO/IEC 23094:2021 [202x], Information technology - General video coding - Part 2: Low complexity enhancement video coding (identical national adoption of ISO/IEC 23094:2021)

Send comments (copy psa@ansi.org) to: Deborah Spittle <INCITS-comments@connectedcommunity.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 | jyeh2@ahrinet.org, www.ahrinet.org

ANSI/AHRI Standard 610 (I-P)-2014, Performance Rating of Central System Humidifiers for Residential Applications (new standard)

Send comments (copy psa@ansi.org) to: Questions may be directed to: Jerry Yeh <jyeh2@ahrinet.org>

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201 | jyeh2@ahrinet.org, www.ahrinet.org

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201 | jyeh2@ahrinet.org, www.ahrinet.org

ANSI/AHRI Standard 620 (I-P)-2014, Performance Rating of Self-contained Humidifiers for Residential Applications (new standard)

Send comments (copy psa@ansi.org) to: Questions may be directed to: Jerry Yeh <jyeh2@ahrinet.org>

Withdrawal of an ANS by ANSI-Accredited Standards Developer

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201 | jyeh2@ahrinet.org, www.ahrinet.org

ANSI/AHRI Standard 621 (SI)-2014, Performance Rating of Self-contained Humidifiers for Residential Applications (new standard)

Send comments (copy psa@ansi.org) to: Questions may be directed to: Jerry Yeh <jyeh2@ahrinet.org>

Final Actions on American National Standards

The standards actions listed below have been approved by the ANSI Board of Standards Review (BSR) or by an ANSI-Audited Designator, as applicable.

AHAM (Association of Home Appliance Manufacturers)

1111 19th Street NW, Suite 1150, Washington, DC 20036 | jpark@aham.org, www.aham.org

ANSI/AHAM AC-5-2023, Method for Assessing the Reduction Rate of Key Bioaerosols by Portable Air Cleaners Using an Aerobiology Test Chamber (revision of ANSI/AHAM AC-5-2022) Final Action Date: 9/16/2024 | *Revision*

ANS (American Nuclear Society)

1111 Pasquinelli Drive, Suite 350, Westmont, IL 60559 | kmurdoch@ans.org, www.ans.org

ANSI/ANS 3.5-2018 (R2024), Nuclear Power Plant Simulators for Use in Operator Training and Examination (reaffirmation of ANSI/ANS 3.5-2018) Final Action Date: 9/10/2024 | *Reaffirmation*

ANSI/ANS 8.17-2004 (R2024), Criticality Safety Criteria for the Handling, Storage and Transportation of LWR Fuel Outside Reactors (reaffirmation of ANSI/ANS 8.17-2004 (R2019)) Final Action Date: 9/12/2024 | *Reaffirmation*

ANSI/ANS 57.1-1992 (R2024), Design Requirements for Light Water Reactor Fuel Handling Systems (reaffirmation of ANSI/ANS 57.1-1992 (R2019)) Final Action Date: 9/16/2024 | *Reaffirmation*

ARESCA (American Renewable Energy Standards and Certification Association)

256 Farrell Farm Road, Norwich, VT 05055 | secretary@aresca.us, www.aresca.us

ANSI/ARESCA 61400-9-2024, Wind energy generation systems - Part 9: Probabilistic design measures for wind turbines (identical national adoption of IEC TS 61400-9:2024) Final Action Date: 9/11/2024 | *National Adoption*

ANSI/ARESCA 61400-60-2024, Wind energy generation systems - Part 60: Validation of computational models (identical national adoption of IEC PAS 61400-60:2024) Final Action Date: 9/11/2024 | *National Adoption*

ANSI/ARESCA 61400-11-2-2024, Wind energy generation systems - Part 11-2: Measurement of wind turbine noise characteristics in receptor position (identical national adoption of IEC TS 61400-11-2:2024) Final Action Date: 9/11/2024 | *National Adoption*

ANSI/ARESCA 61400-24.1-2024, Amendment 1 - Wind energy generation systems - Part 24: Lightning protection (identical national adoption of IEC 61400-24 AMD1:2024) Final Action Date: 9/11/2024 | *National Adoption*

ASME (American Society of Mechanical Engineers)

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

ANSI/ASME B1.20.5-1991 (R2024), Gaging for Dryseal Pipe Threads - Inch (reaffirmation of ANSI/ASME B1.20.5-1991 (R2019)) Final Action Date: 9/9/2024 | *Reaffirmation*

ANSI/ASME PTC 12.3-1997 (R2024), Performance Test Code on Deaerators (reaffirmation of ANSI/ASME PTC 12.3-1997 (R2019)) Final Action Date: 9/9/2024 | *Reaffirmation*

ANSI/ASME PASE-2024, Safety Standard for Portable Automotive Service Equipment (revision of ANSI/ASME PASE-2019) Final Action Date: 9/16/2024 | *Revision*

CSA (CSA America Standards Inc.)

8501 East Pleasant Valley Road, Cleveland, OH 44131-5575 | ansi.contact@csagroup.org, www.csagroup.org

ANSI Z21.58a-2024, Outdoor cooking gas appliances (same as CSA 1.6a) (addenda to ANSI Z21.58-2022/CSA 1.6-2022) Final Action Date: 9/16/2024 | *Addenda*

CSA (CSA America Standards Inc.)

8501 East Pleasant Valley Road, Cleveland, OH 44131-5575 | ansi.contact@csagroup.org, www.csagroup.org

ANSI Z21.89a-2024, Outdoor cooking specialty gas appliances (same as CSA 1.18a) (addenda to ANSI Z21.89-2023)
Final Action Date: 9/16/2024 | *Addenda*

ANSI Z21.17 (R2024), Standard for Domestic Gas Conversion Burners (same as CSA 2.7-M98; CSA 2.7a) (reaffirmation of ANSI Z21.17-1998 (R2019); ANSI Z21.17a-2008 (R2019)) Final Action Date: 9/10/2024 | *Reaffirmation*

CTA (Consumer Technology Association)

1919 South Eads Street, Arlington, VA 22202 | cakers@cta.tech, www.cta.tech

ANSI/CTA 2031-A (R2024), Testing and Measurement Methods for In-Vehicle Loudspeaker Systems (reaffirmation of ANSI/CTA 2031-A-2019) Final Action Date: 9/12/2024 | *Reaffirmation*

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 | standards@esta.org, www.esta.org

ANSI/E1.80-2024, Pinout Configuration Types for Special-Purpose Multicircuit Cable Systems (new standard) Final Action Date: 9/16/2024 | *New Standard*

ANSI E1.51-2024, The Selection, Installation, and Use of Single-Conductor Portable Power Feeder Cable Systems for Use at 600 Volts Nominal or Less for the Distribution of Electrical Energy in the Television, Film, Live Performance and Event Industries in Canada (revision of ANSI E1.51-2018) Final Action Date: 9/16/2024 | *Revision*

HI (Hydraulic Institute)

300 Interpace Parkway, Bldg A, 3rd Floor, Parsippany, NJ 07054 | esuarez@pumps.org, www.pumps.org

ANSI/HI 9.8-2024, Rotodynamic Pumps for Pump Intake Design (revision of ANSI/HI 9.8-2018) Final Action Date: 9/11/2024 | *Revision*

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

18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448 | standards@iapmostandards.org, www.asse-plumbing.org

ANSI/ASSE 1004-2024, Backflow Prevention Requirements for Commercial Dishwashing Machines (revision of ANSI/ASSE 1004-2016) Final Action Date: 9/12/2024 | *Revision*

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | s.merten@ieee.org, www.ieee.org

ANSI/IEEE 2866.1-2024, Standard for Device Trusted Extension: Software Architecture (new standard) Final Action Date: 9/11/2024 | *New Standard*

ANSI/IEEE C37.233-2024, Guide for Power System Protection Testing (new standard) Final Action Date: 9/11/2024 | *New Standard*

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS/ISO/IEC 24714:2023 [2024], Biometrics - Cross-jurisdictional and societal aspects of biometrics - General guidance (identical national adoption of ISO/IEC 24714:2023) Final Action Date: 9/12/2024 | *National Adoption*

NSF (NSF International)

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

ANSI/NSF 49-2024 (i197r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2022) Final Action Date: 9/9/2024 | *Revision*

NSF (NSF International)

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

ANSI/NSF 49-2024 (i198r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2022) Final Action Date: 9/9/2024 | *Revision*

ANSI/NSF/CAN 61-2024 (i186r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2023) Final Action Date: 9/10/2024 | *Revision*

ULSE (UL Standards & Engagement)

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

ANSI/UL 80079-20-1-2020 (R2024), Standard for Safety for Explosive Atmospheres - Part 20-1: Material Characteristics for Gas and Vapour Classification - Test Methods and Data (reaffirm a national adoption ANSI/UL 80079-20-1-2020) Final Action Date: 9/11/2024 | *Reaffirmation*

Call for Members (ANS Consensus Bodies)

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

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.

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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.

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | tkim@aami.org, www.aami.org

BSR/AAMI/ISO 11140-3 (R202x), Sterilization of health care products - Chemical indicators - Part 3: Class 2 indicator systems for use in the Bowie and Dick-type steam penetration test (reaffirm a national adoption ANSI/AAMI/ISO 11140-3-2012 (R2015))

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | tkim@aami.org, www.aami.org

BSR/AAMI/ISO 11140-1-2014 (R202x), Sterilization of health care products-Chemical indicators-Part 1: General requirements (reaffirm a national adoption ANSI/AAMI/ISO 11140-1-2014)

ABYC (American Boat and Yacht Council)

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

BSR/ABYC A-14-202x, Gasoline and Propane Gas Detection Systems (revision of ANSI/ABYC A-14-2020)
Interest Categories: Soliciting for categories: Manufacturer - Engines, Specialist Service

ABYC (American Boat and Yacht Council)

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

BSR/ABYC A-24-202x, Installation of Carbon Monoxide Detectors and Alarms (revision of ANSI/ABYC A-24-2020)
Interest Categories: Soliciting for categories: Manufacturer - Engines, Specialist Service

ABYC (American Boat and Yacht Council)

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

BSR/ABYC H-4-202x, Cockpit Drainage Systems (revision of ANSI/ABYC H-4-2020)
Interest Categories: Soliciting for membership categories: Insurance/Survey, Specialist Service

ABYC (American Boat and Yacht Council)

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

BSR/ABYC H-22-202x, Electric Bilge Pump Systems (revision of ANSI/ABYC H-22-2020)
Interest Categories: Soliciting for categories: Manufacturer - Engines

ABYC (American Boat and Yacht Council)

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

BSR/ABYC H-23-202x, Water Systems on Boats (revision of ANSI/ABYC H-23-2020)
Interest Categories: Soliciting for categories: Manufacturer - Engines

ABYC (American Boat and Yacht Council)

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

BSR/ABYC H-31-202x, Seat Structures (revision of ANSI/ABYC H-31-2020)
Interest Categories: Soliciting for categories: Manufacturer - Engines, Specialist Service

ABYC (American Boat and Yacht Council)

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

BSR/ABYC P-14-202x, Mechanical Propulsion Control Systems (revision of ANSI/ABYC P-14-2020)
Interest Categories: Soliciting for categories: Insurance/Survey

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, St. Joseph, MI 49085 | ingeson@asabe.org, <https://www.asabe.org/>

BSR/ASAE EP378.4 JUN2010 (R202x), Floor and Suspended Loads on Agricultural Structures Due to Use (reaffirmation of ANSI/ASAE EP378.4 JUN2010 (R202x))

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 | rblanchette@assp.org, www.assp.org

BSR/ASSP Z15.1-202X, Safe Practices for Motor Vehicle Operations (revision and redesignation of ANSI/ASSP Z15.1-2024)

AWS (American Welding Society)

8669 NW 36th Street #130, Miami, FL 33166 | jpadron@aws.org, www.aws.org

BSR/AWS B2.1-23-028-202x, Standard Welding Procedure Specification (SWPS) for Gas Metal Arc Welding (Spray Metal Transfer Mode) of Aluminum (M-23/P-23), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER4043 or ER4943, in the As-Welded Condition, Primarily Plate and Structural Applications (new standard)

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | jrosario@aws.org, www.aws.org

BSR/AWS D11.2/D11.2M-202x, Guide for Welding Iron Castings (new standard)

BHMA (Builders Hardware Manufacturers Association)

529 14th Street, NW, Suite 1280, Washington, DC 20045 | kbishop@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.3-202x, Standard for Exit Devices (revision of ANSI/BHMA A156.3-2020)

BHMA (Builders Hardware Manufacturers Association)

529 14th Street, NW, Suite 1280, Washington, DC 20045 | kbishop@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.35-202x, Standard for Power Supplies for Electronic Access Control (revision of ANSI/BHMA A156.35-2020)

ISA (International Society of Automation)

3252 S. Miami Blvd, Suite 102, Durham, NC 27703 | crobinson@isa.org, www.isa.org

BSR/ISA 84.91.03-202x, Functional Safety: Process Safety Controls, Alarms, and Interlocks as Protection Layers (new standard)

ISA (International Society of Automation)

3252 S. Miami Blvd, Suite 102, Durham, NC 27703 | crobinson@isa.org, www.isa.org

BSR/ISA 96.09.01-202x, Guidelines for the Specification of Mounting Hardware for Quarter Turn Valve Actuators (new standard)

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INCITS/ISO 19123-1:2023 [202x], Geographic information - Schema for coverage geometry and functions - Part 1: Fundamentals (identical national adoption of ISO 19123-1:2023 and revision of INCITS/ISO 19123:2005 [R2021])

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INCITS/ISO 19123-3:2023 [202x], Geographic information - Schema for coverage geometry and functions - Part 3: Processing fundamentals (identical national adoption of ISO 19123-3:2023)

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INCITS/ISO 19144-2:2023 [202x], Geographic information - Classification systems - Part 2: Land Cover Meta Language (LCML) (identical national adoption of ISO 19144-2:2023 and revision of INCITS/ISO 19144-2:2012 [R2023])

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INCITS/ISO 19152-1:2024 [202x], Geographic information - Land Administration Domain Model (LADM) - Part 1: Generic conceptual model (identical national adoption of ISO 19152-1:2024)

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INCITS/ISO 19152-3:2024 [202x], Geographic information - Land Administration Domain Model (LADM) - Part 3: Marine georegulation (identical national adoption of ISO 19152-3:2024)

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INCITS/ISO 19156:2023 [202x], Geographic information - Observations, measurements and samples (identical national adoption of ISO 19156:2023 and revision of INCITS/ISO 19156:2011 [R2022])

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INCITS/ISO 22739:2024 [202x], Blockchain and distributed ledger technologies - Vocabulary (identical national adoption of ISO 22739:2024)

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INCITS/ISO/IEC 4922-2:2024 [202x], Information security - Secure multiparty computation - Part 2: Mechanisms based on secret sharing (identical national adoption of ISO/IEC 4922-2:2024)

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INCITS/ISO/IEC 5259-1:2024 [202x], Artificial intelligence - Data quality for analytics and machine learning (ML) - Part 1: Overview, terminology, and examples (identical national adoption of ISO/IEC 5259-1:2024)

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS/ISO/IEC 5259-3:2024 [202x], Artificial intelligence - Data quality for analytics and machine learning (ML) - Part 3: Data quality management requirements and guidelines (identical national adoption of ISO/IEC 5259-3:2024)

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

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INCITS/ISO/IEC 5259-4:2024 [202x], Artificial intelligence - Data quality for analytics and machine learning (ML) - Part 4: Data quality process framework (identical national adoption of ISO/IEC 5259-4:2024)

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

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INCITS/ISO/IEC 14888-4:2024 [202x], Information security - Digital signatures with appendix - Part 4: Stateful hash-based mechanisms (identical national adoption of ISO/IEC 14888-4:2024)

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

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INCITS/ISO/IEC 18041-5:2023 [202x], Computer graphics, image processing and environmental data representation - Environmental Data Coding Specification (EDCS) language bindings - Part 5: C++ (identical national adoption of ISO/IEC 18041-5:2023)

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

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INCITS/ISO/IEC 23837-2:2023 [202x], Information security - Security requirements, test and evaluation methods for quantum key distribution - Part 2: Evaluation and testing methods (identical national adoption of ISO/IEC 23837-2:2023)

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS/ISO/IEC 27006-1:2024 [202x], Information security, cybersecurity and privacy protection - Requirements for bodies providing audit and certification of information security management systems - Part 1: General (identical national adoption of ISO/IEC 27006-1:2024 and revision of INCITS/ISO/IEC 27006-1:2024 [202x])

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS/ISO/IEC 27033-7:2023 [202x], Information technology - Network security - Part 7: Guidelines for network virtualization security (identical national adoption of ISO/IEC 27033-7:2023)

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS/ISO/IEC 5927:2024 [202x], Computer graphics, image processing and environmental data representation - Augmented and virtual reality safety - Guidance on safe immersion, set up and usage (identical national adoption of ISO/IEC 5927:2024)

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS/ISO/IEC 17825:2024 [202x], Information technology - Security techniques - Testing methods for the mitigation of non-invasive attack classes against cryptographic modules (identical national adoption of ISO/IEC 17825:2024 and revision of INCITS/ISO/IEC 17825:2016 [R2023])

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS/ISO/IEC 20924:2024 [202x], Internet of Things (IoT) and digital twin - Vocabulary (identical national adoption of ISO/IEC 20924:2024 and revision of INCITS/ISO/IEC 20924:2021 [2021])

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

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INCITS/ISO/IEC 27040:2024 [202x], Information technology - Security techniques - Storage security (identical national adoption of ISO/IEC 27040:2024 and revision of INCITS/ISO/IEC 27040:2015 [R2022])

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS/ISO/IEC 27402:2023 [202x], Cybersecurity - IoT security and privacy - Device baseline requirements (identical national adoption of ISO/IEC 27402:2023)

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS/ISO/IEC 27403:2024 [202x], Cybersecurity - IoT security and privacy - Guidelines for IoT-domotics (identical national adoption of ISO/IEC 27403:2024)

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS/ISO/IEC 27554:2024 [202x], Information security, cybersecurity and privacy protection - Application of ISO 31000 for assessment of identity-related risk (identical national adoption of ISO/IEC 27554:2024)

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS/ISO/IEC 27561:2024 [202x], Information security, cybersecurity and privacy protection - Privacy operationalisation model and method for engineering (POMME) (identical national adoption of ISO/IEC 27561:2024)

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS/ISO/IEC 27001:2022/AM1:2024 [202x], Information security, cybersecurity and privacy protection - Information security management systems - Requirements - Amendment 1: Climate action changes (identical national adoption of ISO/IEC 27001:2022/AM1:2024)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 401 om-2015 (R202x), Fiber analysis of paper and paperboard (reaffirmation of ANSI/TAPPI T 401 om-2015 (R2020))

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 480 om-2015 (R202x), Specular gloss of paper and paperboard at 75 degrees (reaffirmation of ANSI/TAPPI T 480 om-2015 (R2020))

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 511 om-2013 (R202x), Folding endurance of paper (MIT tester) (reaffirmation of ANSI/TAPPI T 511 om-2013 (R2020))

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 524 om-2013 (R202x), Color of paper and paperboard (45/0, C/2) (reaffirmation of ANSI/TAPPI T 524 om-2013 (R2020))

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 549 om-2020 (R202x), Coefficients of static and kinetic friction of uncoated writing and printing paper by use of the horizontal plane method (reaffirmation of ANSI/TAPPI T 549 om-2020)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 553 om-2020 (R202x), Alkalinity of paper as calcium carbonate (alkaline reserve of paper) (reaffirmation of ANSI/TAPPI T 553 om-2020)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 558 om-2010 (R202x), Surface wettability and absorbency of sheeted materials using an automated contact angle tester (reaffirmation of ANSI/TAPPI T 558 om-2010 (R2020))

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 567 om-2020 (R202x), Determination of effective residual ink concentration (ERIC) by infrared reflectance measurement (reaffirmation of ANSI/TAPPI T 567 om-2020)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 580 om-2020 (R202x), Thickness (caliper) of towel, tissue, napkin and facial products (reaffirmation of ANSI/TAPPI T 580 om-2020)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 836 om-2020 (R202x), Bending stiffness, four point method (reaffirmation of ANSI/TAPPI T 836 om-2020)

ULSE (UL Standards & Engagement)

1603 Orrington Ave, Suite 2000, Evanston, IL 60201 | madison.lee@ul.org, <https://ulse.org/>

BSR/UL 1332-2020 (R202x), Standard for Safety for Organic Coatings for Steel Enclosures for Outdoor Use Electrical Equipment (reaffirmation of ANSI/UL 1332-2020)

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:
<https://www.ansi.org/portal/psawebforms/>
- Information about standards Incorporated by Reference (IBR):
<https://ibr.ansi.org/>
- ANSI - Education and Training:
www.standardstolearn.org

American National Standards Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provides two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.7.1) and continuous maintenance (see clause 4.7.2). Continuous maintenance is defined as follows:

The standard shall be maintained by an accredited standards developer. A documented program for periodic publication of revisions shall be established by the standards developer. Processing of these revisions shall be in accordance with these procedures. The published standard shall include a clear statement of the intent to consider requests for change and information on the submittal of such requests. Procedures shall be established for timely, documented consensus action on each request for change and no portion of the standard shall be excluded from the revision process. In the event that no revisions are issued for a period of four years, action to reaffirm or withdraw the standard shall be taken in accordance with the procedures contained in the ANSI Essential Requirements. The Executive Standards Council (ExSC) has determined that for standards maintained under the Continuous Maintenance option, separate PINS announcements are not required. The following ANSI Accredited Standards Developers have formally registered standards under the Continuous Maintenance option.

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

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 (ASD) Contacts

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

AAFS

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AAMI

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ABYC

American Boat and Yacht Council
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AHAM

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ANS

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ASABE

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ASHRAE

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AWC

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CSA

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CTA

Consumer Technology Association
1919 South Eads Street
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ESTA

Entertainment Services and Technology
Association
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HI

Hydraulic Institute
300 Interpace Parkway, Bldg A, 3rd Floor
Parsippany, NJ 07054
www.pumps.org

Edgar Suarez
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IAPMO (ASSE Chapter)

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ICC

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INMM (ASC N15)

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ISA (Organization)

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NECA

National Electrical Contractors Association
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NETA

InterNational Electrical Testing Association
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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

Air quality (TC 146)

ISO/DIS 21438-3, Workplace atmospheres - Determination of inorganic acids by ion chromatography - Part 3: Hydrofluoric acid and particulate fluorides - 11/28/2024, \$82.00

Aircraft and space vehicles (TC 20)

ISO/DIS 22552, Space systems - Manufacturing readiness review - 11/29/2024, \$53.00

Biological evaluation of medical and dental materials and devices (TC 194)

ISO/DIS 10993-2, Biological evaluation of medical devices - Part 2: Animal welfare requirements - 12/5/2024, \$67.00

Dentistry (TC 106)

ISO/DIS 10451, Dentistry - Contents of technical file for dental implant systems - 12/1/2024, \$58.00

Dimensional and Geometrical Product Specifications and Verification (TC 213)

ISO/DIS 16610-22, Geometrical product specifications (GPS) - Filtration - Part 22: Linear profile filters: Spline filters - 12/5/2024, \$82.00

Environmental management (TC 207)

ISO/DIS 14019-1, Sustainability information - Part 1: General principles and requirements for validation and verification - 11/30/2024, \$119.00

ISO/DIS 14019-2, Sustainability information - Part 2: Principles and requirements for verification processes - 11/30/2024, \$98.00

Information and documentation (TC 46)

ISO 15924:2022/DAmD 1, - Amendment 1: Information and documentation - Codes for the representation of names of scripts - Amendment 1 - 12/2/2024, \$29.00

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

ISO/DIS 19901-2, Oil and gas industries including lower carbon energy - Specific requirements for offshore structures - Part 2: Seismic design procedures and criteria - 12/5/2024, \$165.00

Railway applications (TC 269)

ISO/DIS 22575, Railway applications - General terms and definitions - 12/2/2024, \$53.00

Sieves, sieving and other sizing methods (TC 24)

ISO/DIS 9276-1, Representation of results of particle size analysis - Part 1: Graphical representation - 11/28/2024, \$88.00

Solid mineral fuels (TC 27)

ISO/DIS 1014-1, Coke - Part 1: Determination of apparent relative density - 12/1/2024, \$40.00

ISO/DIS 1014-3, Coke - Part 3: Determination of porosity - 11/28/2024, \$29.00

Steel (TC 17)

ISO 377:2017/DAmD 1, - Amendment 1: Steel and steel products - Location and preparation of samples and test pieces for mechanical testing - Amendment 1 - 11/29/2024, \$29.00

Technical systems and aids for disabled or handicapped persons (TC 173)

ISO/DIS 17966, Assistive products for toileting, bathing and showering - Requirements and test methods - 11/28/2024, \$165.00

Terminology (principles and coordination) (TC 37)

ISO/DIS 24635-1, Language resource management - Corpus Annotation Project Management - Part 1: Core model - 11/29/2024, \$77.00

Textiles (TC 38)

ISO/DIS 14419, Textiles - Oil repellency - Hydrocarbon resistance test - 11/29/2024, \$46.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO/DIS 24631-3, Radiofrequency identification of animals - Part 3: Evaluation of performance of RFID transponders conforming with ISO 11784 and ISO 11785 - 12/2/2024, \$93.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23001-17:2024/DAmD 2, - Amendment 2: Information technology - MPEG systems technologies - Part 17: Carriage of uncompressed video and images in ISO base media file format - Amendment 2: Generic compression for samples and items in ISOBMFF - 12/5/2024, \$58.00

ISO/IEC DIS 9995-2, Information technology - Keyboard layouts for text and office systems - Part 2: Alphanumeric section - 11/28/2024, \$71.00

ISO/IEC DIS 9995-3, Information technology - Keyboard layouts for text and office systems - Part 3: Latin International keyboard layout - 11/28/2024, \$58.00

ISO/IEC DIS 19896-2, Information security, cybersecurity and privacy protection - Requirements for the competence of IT security conformance assessment body personnel - Part 2: Knowledge and skills requirements for ISO/IEC 19790 testers and validators - 12/5/2024, \$102.00

ISO/IEC DIS 23008-3, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 3: 3D audio - 12/1/2024, \$311.00

ISO/IEC DIS 23093-1, Information technology - Internet of media things - Part 1: Architecture - 11/28/2024, \$93.00

ISO/IEC DIS 23093-2, Information technology - Internet of media things - Part 2: Discovery and communication API - 11/29/2024, \$62.00

ISO/IEC DIS 23090-19, Information technology - Coded representation of immersive media - Part 19: Reference software for V-PCC - 11/30/2024, \$29.00

ISO/IEC DIS 23090-33, Information technology - Coded representation of immersive media - Part 33: Conformance and reference software for haptics coding - 11/28/2024, \$107.00

ISO/IEC DIS 29110-7-1, Systems and software engineering - Life cycle profiles for very small entities (VSEs) - Part 7-1: Space software engineering guidelines - 12/1/2024, \$146.00

ISO/IEC DIS 29110-5-2-1, Systems and software engineering - Life cycle profiles for very small entities (VSEs) - Part 5-2-1: Organizational management guidelines - 12/2/2024, \$112.00

IEC Standards

48B/3122/NP, PNW 48B-3122 ED1: Connectors for electrical and electronic equipment - Product requirements - Part 3-XXX: Rectangular connectors - Detail specification for type XC hybrid connectors for fibre optic data transmission and power supply, with press locking, 12/06/2024

All-or-nothing electrical relays (TC 94)

94/1071/FDIS, IEC 63522-16 ED1: Electrical relays - Tests and Measurements - Part 16: Soldering, 10/25/2024

94/1072/FDIS, IEC 63522-30 ED1: Electrical relays - Tests and measurements - Part 30: Contact sticking (delayed release), 10/25/2024

94/1063/CDV, IEC 63522-54 ED1: Electrical relays - Tests and Measurements - Part 54: Critical DC load current test, 12/06/2024

Electric traction equipment (TC 9)

9/3145/FDIS, IEC 63453 ED1: Railway applications - Current collection systems - Validation of simulation of the dynamic interaction between pantograph and overhead contact line, 10/25/2024

Electrical accessories (TC 23)

23G/492/NP, PNW 23G-492 ED1: Direct current charging couplers for electric bicycles, 12/06/2024

Electrical Energy Storage (EES) Systems (TC 120)

120/387/FDIS, IEC 62933-4-2 ED1: Electric Energy Storage Systems - Part 4-2- Assessment of the environmental impact of battery failure in an electrochemical based storage system, 10/25/2024

Electrical equipment in medical practice (TC 62)

62C/927/FDIS, IEC 60601-2-68 ED2: Medical electrical equipment - Part 2-68: Particular requirements for the basic safety and essential performance of X-ray-based image-guided radiotherapy equipment for use with electron accelerators, light ion beam therapy equipment and radionuclide beam therapy equipment, 10/25/2024

62B/1359/CD, IEC 63483 ED1: Methods for spectral imaging performance evaluation of computed tomography, 11/29/2024

62D/2169/FDIS, IEC 80601-2-71 ED2: Medical electrical equipment - Part 2-71: Particular requirements for the basic safety and essential performance of functional near-infrared spectroscopy (NIRS) equipment, 10/25/2024

Electrical installations of ships and of mobile and fixed offshore units (TC 18)

18/1911/CDV, IEC 60092-504 ED5: Electrical installations in ships - Part 504: Automation, control and instrumentation, 12/06/2024

Electromechanical components and mechanical structures for electronic equipments (TC 48)

48B/3123/NP, PNW 48B-3123 ED1: Connectors for electrical and electronic equipment - Product requirements - Part 3-XXX: Rectangular connectors - Detail specification for 16-pole wrench locking connectors with 3,5 A rated current and IP65 plastic housing, 12/06/2024

48B/3126/NP, PNW 48B-3126 ED1: Connectors for electrical and electronic equipment - Product requirements - Part 8-XXX: Power connectors - Detail specification for 2P+PE CBC power connectors with 400V DC rated voltage and 20 A rated current, 12/06/2024

Environmental standardization for electrical and electronic products and systems (TC 111)

111/778/FDIS, IEC 82474-1 ED1: Material declaration - Part 1: General requirements, 10/25/2024

Fibre optics (TC 86)

86A/2492/DTR, IEC TR 63431 ED1: Optical fibre cables - Microduct technology - Guidance, 11/08/2024

Flat Panel Display Devices (TC 110)

110/1689/CD, IEC 62715-6-42 ED1: Flexible display devices - Part 6-42: Flattening force measurement methods for rollable display devices, 11/08/2024

110/1692/FDIS, IEC 62908-22-10 ED1: Touch and interactive displays - Part 22-10: Measuring methods of fingerprint recognition performance - Under-display optical imaging fingerprint sensing, 10/25/2024

Lamps and related equipment (TC 34)

34/1237/CD, IEC 63533 ED1: Active airborne microorganisms inactivation by Germicidal Ultraviolet (GUV) luminaires, 12/06/2024

Magnetic components and ferrite materials (TC 51)

51/1522/FDIS, IEC 62024-2 ED3: High frequency inductive components - Electrical characteristics and measuring methods - Part 2: Rated current of inductors for DC-to-DC converters, 10/25/2024

Methods for the Assessment of Electric, Magnetic and Electromagnetic Fields Associated with Human Exposure (TC 106)

106/666/NP, PNW 106-666 ED1: Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz) - Part 4: Computational procedure for absorbed power density, 12/06/2024

106/667/NP, PNW 106-667 ED1: Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz) - Part 3: Measurement procedure for absorbed power density, 12/06/2024

Nuclear instrumentation (TC 45)

45A/1552/CDV, IEC 63374 ED1: Nuclear power plants - Instrumentation systems important to safety - Characteristic and test methods of nuclear reactor reactivity meter, 11/08/2024

45A/1549(F)/CDV, IEC 63423 ED1: Nuclear Power Plants - Instrumentation and control systems important to safety - Cable assemblies for harsh environment purposes, 11/29/2024

45/984/CD, IEC 63589-1 ED1: Linear accelerator - Electron linear accelerator for radiation processing - Part 1: General requirement and testing method, 11/08/2024

Performance of household electrical appliances (TC 59)

59K/400/FDIS, IEC 60705 ED5: Household microwave ovens - Methods for measuring performance, 10/25/2024

Power system control and associated communications (TC 57)

57/2713/CDV, IEC 62488-1 ED2: Power line communication systems for power utility applications - Part 1: Planning of analogue and digital power line carrier systems operating over HV electricity grids, 12/06/2024

57/2719/FDIS, IEC 62746-4 ED1: Systems interface between customer energy management system and the power management system - Part 4: Demand Side Resource Interface, 10/25/2024

57/2718A/DTR, IEC TR 61850-90-21 ED1: Communication networks and systems for power utility automation - Part 90-21: Travelling wave fault location, 09/27/2024

Primary cells and batteries (TC 35)

35/1572/CD, IEC 60086-1 ED14: Primary batteries - Part 1: General, 11/08/2024

35/1571/FDIS, IEC 60086-4 ED6: Primary batteries - Part 4: Safety of lithium batteries, 10/25/2024

Rotating machinery (TC 2)

2/2208(F)/CDV, IEC 60072-2 ED2: Dimensions and output series for rotating electrical machines - Part 2: Frame numbers 355 to 1000 and flange numbers 1180 to 2360, 11/15/2024

Safety of household and similar electrical appliances (TC 61)

61/7289(F)/FDIS, IEC 60335-2-15 ED7: Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids, 09/27/2024

61/7301/FDIS, IEC 60335-2-75 ED4: Household and similar electrical appliances - Safety - Part 2-75: Particular requirements for commercial dispensing appliances and vending machines, 10/25/2024

Secondary cells and batteries (TC 21)

21/1213/CD, IEC 60095-8 ED1: Lead-acid starter batteries - Part 8: 12V Batteries used in automobiles for auxiliary or backup purposes, 11/08/2024

Semiconductor devices (TC 47)

47F/483/CD, IEC 62047-52 ED1: Semiconductor Devices - Micro-electromechanical Devices - Part 52: Biaxial tensile testing method for stretchable MEMS, 11/08/2024

47F/482/CD, IEC 62047-53 ED1: Semiconductor devices - Micro-electromechanical devices - Part 53: MEMS electrothermal transfer device, 11/08/2024

47/2876/CD, IEC 63550-3 ED1: Semiconductor devices - Neuromorphic devices - Part 3: Evaluation method of spike dependent plasticity in memristor devices, 11/08/2024

Standard voltages, current ratings and frequencies (TC 8)

8A/177/DTR, IEC TR 63411 ED1: Grid connection of offshore wind via VSC-HVDC systems, 11/08/2024

Switchgear and Controlgear and Their Assemblies for Low Voltage (TC 121)

121/174(F)/FDIS, IEC 62683-2-3 ED1: Product data and properties for information exchange - Engineering data - Part 2 -3: Functional safety and reliability, 10/04/2024

121/172(F)/CDV, IEC 63208 ED1: Switchgear and controlgear and their assemblies for low voltage - Security aspects, 11/22/2024

(TC 127)

127/66/CD, IEC TS 63346-2-3 ED1: Low-voltage auxiliary power systems - Part 2-3: Design criteria - Low-voltage a.c. auxiliary power systems for substations, 11/08/2024

Tools for live working (TC 78)

78/1476/CDV, IEC 62192-1 ED1: Live working - Insulating ropes, 12/06/2024

Ultrasonics (TC 87)

87/879/FDIS, IEC 61846 ED2: Ultrasonics - Therapeutic focused short pressure pulse sources - Characteristics of fields, 10/25/2024

Wind turbine generator systems (TC 88)

88/1048/DTS, IEC TS 61400-21-4 ED1: Wind energy generation systems - Part 21-4: Measurement and assessment of electrical characteristics - Wind turbine components and subsystems, 11/08/2024

ISO/IEC JTC 1, Information Technology**(JTC1)**

JTC1-SC41/458/FDIS, ISO/IEC 30181 ED1: Internet of Things (IoT) - Functional architecture for resource identifier interoperability, 11/08/2024

JTC1-SC43/111/CDV, ISO/IEC 8663 ED1: Information technology - Brain-computer Interfaces - Vocabulary, 12/06/2024



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

Aircraft and space vehicles (TC 20)

[ISO 16694:2024](#), Space systems - Measured parameters at firing bench and flight tests of liquid rocket engines, \$166.00

Anaesthetic and respiratory equipment (TC 121)

[IEC 80601-2-49:2018/Amd 1:2024](#), \$52.00

Dimensional and Geometrical Product Specifications and Verification (TC 213)

[ISO 5463:2024](#), Geometrical product specifications (GPS) - Rotary axis form-measuring instruments - Design and metrological characteristics, \$223.00

Fine Bubble Technology (TC 281)

[ISO 4240-2:2024](#), Fine bubble technology - Environmental applications - Part 2: Test method for evaluating aeration performance of fine bubble jet devices, \$124.00

Health Informatics (TC 215)

[ISO/IEEE 11073-10425:2024](#), Health informatics - Device interoperability - Part 10425: Personal health device communication - Device specialization - Continuous Glucose Monitor (CGM), \$250.00

[ISO/IEEE 11073-10471:2024](#), Health informatics - Device interoperability - Part 10471: Personal health device communication - Device specialization - Independent living activity hub, \$278.00

[ISO/IEEE 11073-10472:2024](#), Health informatics - Device interoperability - Part 10472: Personal health device communication - Device specialization - Medication monitor, \$250.00

[ISO/IEEE 11073-10700:2024](#), Health informatics - Device interoperability - Part 10700: Point-of-care medical device communication - Standard for base requirements for participants in a Service-oriented Device Connectivity (SDC) system, \$223.00

[ISO/IEEE 11073-10701:2024](#), Health informatics - Device interoperability - Part 10701: Point-of-care medical device communication - Metric provisioning by participants in a Service-oriented Device Connectivity (SDC) system, \$194.00

Industrial trucks (TC 110)

[ISO 5053-3:2024](#), Industrial trucks - Vocabulary - Part 3: Accessories and components, \$278.00

Innovation management (TC 279)

[ISO 56001:2024](#), Innovation management system - Requirements, \$166.00

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

[ISO 23936-4:2024](#), Oil and gas industries including lower carbon energy - Non-metallic materials in contact with media related to oil and gas production - Part 4: Fiber-reinforced composite materials, \$250.00

Nuclear energy (TC 85)

[ISO 23548:2024](#), Measurement of radioactivity - Alpha emitting radionuclides - Generic test method using alpha spectrometry, \$223.00

Petroleum products and lubricants (TC 28)

[ISO 3987:2024](#), Petroleum products - Determination of sulfated ash in lubricating oils and additives and fatty acid methyl esters, \$81.00

[ISO 6729:2024](#), Petroleum products and other liquids - Standard test method for ethanol determination in gasoline blends by gas chromatography, \$81.00

Photography (TC 42)

[ISO 12233:2024](#), Digital cameras - Resolution and spatial frequency responses, \$250.00

Plastics (TC 61)

[ISO 4764:2024](#), Plastics - Polyols for use in the production of polyurethanes - Determination of degree of unsaturation by using iodine method, \$81.00

[ISO 9773:2024](#), Plastics - Determination of burning behaviour of thin flexible vertical specimens in contact with a small flame ignition source, \$81.00

Road vehicles (TC 22)

[ISO 9815:2024](#), Road vehicles - Passenger-car and trailer combinations - Lateral stability test, \$124.00

[ISO 24650:2024](#), Road vehicles - Sensors for automated driving under adverse weather conditions - Assessment of the cleaning system efficiency, \$166.00

Rubber and rubber products (TC 45)

[ISO 2411:2024](#), Rubber- or plastics-coated fabrics - Determination of coating adhesion, \$81.00

[ISO 22762-1:2024](#), Elastomeric seismic-protection isolators - Part 1: Test methods, \$250.00

[ISO 22762-2:2024](#), Elastomeric seismic-protection isolators - Part 2: Applications for bridges - Specifications, \$250.00

[ISO 22762-3:2024](#), Elastomeric seismic-protection isolators - Part 3: Applications for buildings - Specifications, \$250.00

Safety of machinery (TC 199)

[ISO 14119:2024](#), Safety of machinery - Interlocking devices associated with guards - Principles for design and selection, \$278.00

Ships and marine technology (TC 8)

[ISO 24682:2024](#), Ships and marine technology - Technical requirements for B class fire-resistant compartment systems of composite mineral wool panel, \$194.00

Steel (TC 17)

[ISO 9658:2024](#), Steel - Determination of aluminium content - Flame atomic absorption spectrometric method, \$124.00

[ISO 14404-1:2024](#), Calculation method of carbon dioxide emission intensity from iron and steel production - Part 1: Steel plant with blast furnace, \$194.00

[ISO 14404-2:2024](#), Calculation method of carbon dioxide emission intensity from iron and steel production - Part 2: Steel plant with electric arc furnace (EAF), \$166.00

[ISO 14404-3:2024](#), Calculation method of carbon dioxide emission intensity from iron and steel production - Part 3: Steel plant with electric arc furnace (EAF) and coal-based or gas-based direct reduction iron (DRI) facility, \$166.00

(TC 321)

[ISO 32120:2024](#), Transaction assurance in E-commerce - Guidelines on sharing goods quality assurance traceability information in E-commerce supply chains, \$166.00

(TC 343)

[ISO/UNDP PAS 53002:2024](#), Guidelines for contributing to the United Nations Sustainable Development Goals (SDGs), FREE

Technical drawings, product definition and related documentation (TC 10)

[ISO 24096-1:2024](#), Technical product documentation (TPD) - Classification of requirements - Part 1: Framework, \$81.00

[ISO 24096-2:2024](#), Technical product documentation (TPD) - Classification of requirements - Part 2: Classification based on severity and susceptibility, \$166.00

Welding and allied processes (TC 44)

[ISO 544:2024](#), Welding consumables - Technical delivery conditions for filler materials and fluxes - Type of product, dimensions, tolerances and markings, \$81.00

[ISO 9013:2017/Amd 1:2024](#), - Amendment 1: Thermal cutting - Classification of thermal cuts - Geometrical product specification and quality tolerances - Amendment 1, \$23.00

ISO Technical Specifications**Nanotechnologies (TC 229)**

[ISO/TS 80004-13:2024](#), Nanotechnologies - Vocabulary - Part 13: Graphene and other two-dimensional (2D) materials, \$166.00

Rubber and rubber products (TC 45)

[ISO/TS 20444:2024](#), Rubber and plastics hoses - Determination of abrasion resistance of the outer cover, \$54.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 8506:2024](#), Information technology - Automatic identification and data capture technology - AIDC application in industrial construction, \$194.00

[ISO/IEC 25040:2024](#), Systems and software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Quality evaluation framework, \$194.00

[ISO/IEC 15067-3:2024](#), Information technology - Home Electronic System (HES) application model - Part 3: Model of an energy management system for HES, \$223.00

[ISO/IEC 23094-3:2022/Amd 1:2024](#), - Amendment 1: Information technology - General video coding - Part 3: Conformance and reference software for low complexity enhancement video coding - Amendment 1: Updated conformance data and reference software, \$23.00

[ISO/IEC 10192-4-2:2024](#), Information technology - Home electronic system (HES) interfaces - Part 4-2: Common user interface and cluster-to-cluster interface to support interworking among home cluster systems - Interfaces, services and objects, \$166.00

[ISO/IEC 23090-18:2024/Amd 1:2024](#), - Amendment 1: Information technology - Coded representation of immersive media - Part 18: Carriage of geometry-based point cloud compression data - Amendment 1: Support for temporal scalability, \$194.00

[ISO/IEC 23090-22:2024](#), Information technology - Coded representation of immersive media - Part 22: Conformance for G-PCC, \$250.00

IEC Standards

Evaluation and Qualification of Electrical Insulating Materials and Systems (TC 112)

[IEC 60216-2 Ed. 4.0 b Cor.1:2024](#), Corrigendum 1 - Electrical insulating materials - Thermal endurance properties - Part 2: Determination of thermal endurance properties of electrical insulating materials - Choice of test criteria, \$0.00

Lamps and related equipment (TC 34)

[IEC 63356-2 Ed. 2.0 b:2024](#), LED light source characteristics - Part 2: Design parameters and values, \$348.00

[S+ IEC 63356-2 Ed. 2.0 en:2024 \(Redline version\)](#), LED light source characteristics - Part 2: Design parameters and values, \$591.00

Lightning protection (TC 81)

[IEC 62305-1 Ed. 3.0 b:2024](#), Protection against lightning - Part 1: General principles, \$444.00

[IEC 62305-2 Ed. 3.0 b:2024](#), Protection against lightning - Part 2: Risk management, \$515.00

[IEC 62305-3 Ed. 3.0 b:2024](#), Protection against lightning - Part 3: Physical damage to structures and life hazard, \$515.00

[IEC 62305-4 Ed. 3.0 b:2024](#), Protection against lightning - Part 4: Electrical and electronic systems within structures, \$515.00

Nuclear instrumentation (TC 45)

[IEC 62709 Ed. 2.0 en:2024](#), Radiation protection instrumentation - Security screening of humans - Measuring the imaging performance of X-ray systems, \$348.00

[S+ IEC 62709 Ed. 2.0 en:2024 \(Redline version\)](#), Radiation protection instrumentation - Security screening of humans - Measuring the imaging performance of X-ray systems, \$591.00

Safety of household and similar electrical appliances (TC 61)

[IEC 60335-2-32 Ed. 6.0 b:2024](#), Household and similar electrical appliances - Safety - Part 2-32: Particular requirements for massage appliances, \$148.00

[IEC 60335-2-32 Ed. 6.0 en:2024 CMV](#), Household and similar electrical appliances - Safety - Part 2-32: Particular requirements for massage appliances, \$297.00

[IEC 60335-2-32 Ed. 6.0 en:2024 EXV](#), Household and similar electrical appliances - Safety - Part 2-32: Particular requirements for massage appliances, \$975.00

[IEC 60335-2-32-EXV-CMV Ed. 6.0 en:2024 CMV](#), Household and similar electrical appliances - Safety - Part 2-32: Particular requirements for massage appliances, \$1135.00

[IEC 60335-2-61 Ed. 3.0 b:2024](#), Household and similar electrical appliances - Safety - Part 2-61: Particular requirements for thermal storage room heaters, \$193.00

[IEC 60335-2-61 Ed. 3.0 en:2024 CMV](#), Household and similar electrical appliances - Safety - Part 2-61: Particular requirements for thermal storage room heaters, \$386.00

[IEC 60335-2-61 Ed. 3.0 en:2024 EXV](#), Household and similar electrical appliances - Safety - Part 2-61: Particular requirements for thermal storage room heaters, \$975.00

[IEC 60335-2-61-EXV-CMV Ed. 3.0 en:2024 CMV](#), Household and similar electrical appliances - Safety - Part 2-61: Particular requirements for thermal storage room heaters, \$1238.00

[IEC 60335-2-62 Ed. 5.0 en:2024 EXV](#), Household and similar electrical appliances - Safety - Part 2-62: Particular requirements for commercial electric rinsing sinks, \$975.00

[IEC 60335-2-62 Ed. 5.0 b:2024](#), Household and similar electrical appliances - Safety - Part 2-62: Particular requirements for commercial electric rinsing sinks, \$245.00

[S+ IEC 60335-2-62 Ed. 5.0 en:2024 \(Redline version\)](#), Household and similar electrical appliances - Safety - Part 2-62: Particular requirements for commercial electric rinsing sinks, \$416.00

[S+ IEC 60335-2-62-EXV-RLV Ed. 5.0 en:2024 \(Redline version\)](#), Household and similar electrical appliances - Safety - Part 2-62: Particular requirements for commercial electric rinsing sinks, \$1238.00

IEC Technical Reports

Nuclear instrumentation (TC 45)

[IEC/TR 63486 Ed. 1.0 en:2024](#), Nuclear facilities - Instrumentation, control and electrical power systems - Cybersecurity risk management approaches, \$515.00

International Electrotechnical Commission (IEC)

USNC TAG Administrator - Organization Needed

Response Deadline: November 1, 2024

As the current Technical Advisor for TC 113 TAG will be stepping down at the end of this year, the USNC is looking for a new Technical Advisor (s) to take on this USNC TAG Technical Advisory role beginning January 1, 2025.

If individuals are interested in the position of USNC TAG Technical Advisor for the USNC TAG to IEC/TC 113, they are invited to contact Betty Barro at bbarro@ansi.org by November 1st, 2024.

Please see the scope for the IEC/ TC 113 below:

Scope: TC 113 - Nanotechnology for electrotechnical products and systems

Standardization of the technologies relevant to electrotechnical products and systems in the field of nanotechnology in close cooperation with other committees of IEC and ISO

International Organization for Standardization (ISO)

Call for comment on ISO/IEC Guide 59:2019

Comment Deadline: October 18, 2024

ISO has initiated a systematic review of ISO/IEC Guide 59:2019 – “ISO and IEC recommended practices for standardization by national bodies”, which has the following scope statement:

This document provides recommended standardization practices that are intended to support the application of the following:

- *the WTO TBT Committee decision on principles for the development of international standards, guides and recommendations (G/TBT/9, 13 November 2000);*
- *the WTO TBT Agreement’s Code of Good Practice for the Preparation, Adoption and Application of Standards (Annex 3 of the 1995 WTO TBT Agreement).*

This document is intended to be used by the national members of ISO and IEC, hereafter referred to as national bodies.

ANSI, is seeking U.S. Stakeholders’ input on ISO/IEC Guide 59:2019 to help ANSI determine if ANSI should vote revise, reconfirm as is, or withdraw the standard. Anyone wishing to review ISO/IEC Guide 59:2019 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, October 18, 2024**.

Call for comment on ISO/IEC Guide 63:2019

Comment Deadline: October 18, 2024

ISO has initiated a systematic review of ISO/IEC Guide 63:2019 – “Guide to the development and inclusion of aspects of safety in International Standards for medical devices”, which has the following scope statement:

This document provides requirements and recommendations to writers of medical device standards on the inclusion of aspects related to safety in International Standards, based on well-established risk management concepts and methodology.

This document is applicable to any aspect related to the safety of people, property, the environment, or a combination of these.

In this document, the term “product” includes a medical device or a system consisting of one or more medical devices, possibly combined with non-medical devices.

ANSI, is seeking U.S. Stakeholders’ input on ISO/IEC Guide 63:2019 to help ANSI determine if ANSI should vote revise, reconfirm as is, or withdraw the standard. Anyone wishing to review ISO/IEC Guide 63:2019 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, October 18, 2024**.

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 218 – Timber

Response Deadline: October 4, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 218 – *Timber* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by Ukraine (SE UkrNDNC).

ISO/TC 218 operates under the following scope:

Standardization of round, sawn and processed timber, and timber materials in and for use in all applications, including terminology, specifications and test methods. Excluded: those applications of timber as covered by ISO/TC 165 "Timber structures".

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).

Call for U.S. TAG Administrator

ISO/TC 266 – Biomimetics

Response Deadline: October 4, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 266 – *Biomimetics* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by China (SAC).

ISO/TC 266 operates under the following scope:

Standardization in the field of biomimetics that includes but is not limited to methods and technologies in biomimetics such as biomimetic materials, processes and products, incorporating the most recent results of R&D projects. Classification, definition and development of terminology in the field of biomimetics. Description of the potentials and limitations of biomimetics as an innovation system or a sustainability strategy. Description and standardization of methods in biomimetics, biomimetic materials, processes and products throughout their entire lifecycle.

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)

Call for U.S. TAG Administrator

ISO/TC 297 – Waste collection and transportation management

Response Deadline: October 4, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 297 – *Waste collection and transportation management* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by Germany (DIN).

ISO/TC 297 operates under the following scope:

Standardization of machines, equipment and management systems for collection, temporary storage and transportation of solid and sanitary liquid waste and recyclables (valuables).

Taking into particular account:

- *Terminology;*
- *Technology;*
- *Performance;*
- *Quality;*
- *Environmental aspects;*
- *Safety and ergonomic aspects;*
- *Maintenance;*
- *Logistical aspects;*
- *Data management and*
- *Service procedures.*

Excluded are:

- *Urban wastewater systems*
- *Sludge recovery, treatment and disposal and also water re-use as far as they are covered by ISO/TC 275 and ISO/TC 282*
- *General environmental management (e.g. ISO 14000) and road traffic safety management systems aspects (e.g. ISO 39001) are covered by ISO/TC 207 and ISO/TC 241*
- *Road maintenance equipment are covered by ISO/TC 195/SC 2*
- *Road vehicles are covered by ISO/TC 22.*

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)

Call for U.S. TAG Administrator

ISO/TC 87 – Cork

Response Deadline: October 4, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 87 – *Cork* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by Portugal (IPQ).

ISO/TC 87 operates under the following scope:

Standardization in the field of cork, both the raw material and products manufactured and prepared from cork.

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).

Call for U.S. TAG Administrator

ISO/TC 228 – Tourism and related services

Response Deadline: October 4, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 228 – *Tourism and related services* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by Spain (UNE).

ISO/TC 228 operates under the following scope:

Standardization of the terminology and specifications of the services offered by tourism service providers, including related activities, touristic destinations and the requirements of facilities and equipment used by them, to provide tourism buyers, providers and consumers with criteria for making informed decisions.

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).

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

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, trade associations, U.S. domiciled standards development organizations and conformity assessment bodies, consumers, or U.S. government agencies 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 to the WTO Secretariat in Geneva, Switzerland proposed technical regulations that may significantly affect trade. In turn, the Secretariat circulates the notifications along with the full texts. 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 Enquiry Point for the WTO TBT Agreement is located at the National Institute of Standards and Technology (NIST) in the Standards Coordination Office (SCO). The Enquiry Point relies on the WTO's ePing SPS&TBT platform to distribute the notified proposed foreign technical regulations (notifications) and their full texts available to U.S. stakeholders. Interested U.S. parties can register with ePing to receive e-mail alerts when notifications are added from countries and industry sectors of interest to them. The USA WTO TBT Enquiry 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 prior to submitting comments. For non-notified foreign technical barriers to trade for non-agricultural products, stakeholders are encouraged to reach out as early as possible to the Office of Trade Agreements Negotiations and Compliance (TANC) in the International Trade Administration (ITA) at the Department of Commerce (DOC), which specializes in working with U.S. stakeholders to remove unfair foreign government-imposed trade barriers. The U.S. Department of Agriculture's Foreign Agricultural Service actively represents the interests of U.S. agriculture in the WTO committees on Agriculture, Sanitary and Phytosanitary (SPS) measures and Technical Barriers to Trade (TBT). FAS alerts exporters to expected changes in foreign regulations concerning food and beverage and nutrition labeling requirements, food packaging requirements, and various other agriculture and food related trade matters. Working with other Federal agencies and the private sector, FAS coordinates the development and finalization of comments on measures proposed by foreign governments to influence their development and minimize the impact on U.S. agriculture exports. FAS also contributes to the negotiation and enforcement of free trade agreements and provides information about tracking regulatory changes by WTO Members. The Office of the United States Trade Representative (USTR) WTO & Multilateral Affairs (WAMA) office has responsibility for trade discussions and negotiations, as well as policy coordination, on issues related technical barriers to trade and standards-related activities.

Online Resources:

WTO's ePing SPS&TBT platform: <https://epingalert.org/>

Register for ePing: <https://epingalert.org/en/Account/Registration>

WTO committee on Agriculture, Sanitary and Phytosanitary (SPS) measures:

https://www.wto.org/english/tratop_e/sps_e/sps_e.htm

WTO Committee on Technical Barriers to Trade (TBT): https://www.wto.org/english/tratop_e/tbt_e/tbt_e.htm

USA TBT Enquiry Point: <https://www.nist.gov/standardsgov/usa-wto-tbt-enquiry-point>

Comment guidance:

<https://www.nist.gov/standardsgov/guidance-us-stakeholders-commenting-notifications-made-wto-members-tbt-committee>

NIST: <https://www.nist.gov/>

TANC: <https://www.trade.gov/office-trade-agreements-negotiation-and-compliance-tanc>

Examples of TBTs: https://tcc.export.gov/report_a_barrier/trade_barrier_examples/index.asp.

Report Trade Barriers: https://tcc.export.gov/Report_a_Barrier/index.asp.

USDA FAS: <https://www.fas.usda.gov/about-fas>

FAS contribution to free trade agreements: <https://www.fas.usda.gov/topics/trade-policy/trade-agreements>

Tracking regulatory changes: <https://www.fas.usda.gov/tracking-regulatory-changes-wto-members>

USTR WAMA: <https://ustr.gov/trade-agreements/wto-multilateral-affairs/wto-issues/technical-barriers-trade>

Contact the USA TBT Enquiry Point at (301) 975-2918; E usatbtep@nist.gov or notifyus@nist.gov.

Public Review Draft

Proposed Addendum b to Standard 189.1-2023

Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings

Second Public Review (September 2024)
(Draft Shows Proposed Changes to First Public Review Draft)

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

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

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BSR/ASHRAE/ICC/USGBC/IES Addendum b to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2023, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings* Second Public Review, ISC

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

Foreword

As climate change and aridification continue to impact water resources, it becomes important to consider conservation measures from every possible angle. Turfgrass is one of the highest water use plants commonly found in landscapes in the built environment. This has been demonstrated by numerous studies that have been conducted since Denver Water pioneered the concept of replacing turfgrass with other plantings in the 1980s. Research in the 1990s and 2000s demonstrated that the concept saved significant water and that savings occur in a variety of environments (as shown by utility studies, the Bureau of Reclamation's National Xeriscape Demonstration Project and the Alliance for Water Efficiency's Landscape Transformation Study), with the most savings typically found in arid settings where significant irrigation volumes are required to sustain grass.

One highly effective way that jurisdictions can save water with minimal impact is by prohibiting non-functional irrigated turfgrass in new or improved development. Broadly, non-functional grass is purely or dominantly decorative turfgrass, found along streets and in medians and traffic circles, in parking areas, in the landscaping of businesses, and at vehicular entryways.

As the drought in the western United States has worsened, municipalities, states, and whole regions have started efforts to remove or reduce the amount of non-functional turfgrass in existing developments to reduce water demands. Standard 189.1 can complement and inform these efforts by providing communities with an option stopping the spread of new non-functional turfgrass within their jurisdiction and should do so in a timely manner. This draft addendum creates a Jurisdictional Option (JO) that prohibits future non-functional turfgrass where this is of concern. It should be noted that while it is envisioned communities in arid areas will be the most interested in this JO, water shortages can occur for reasons other than being in a dry environment, such as water system treatment and distribution limitations or source water impairment. As such, this may be of interest to a significant set of AHJs.

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

Addendum b to 189.1-2023, Second Public Review, ISC

Revise Section 3 by adding the following:

3. Definitions

turfgrass, functional: *turfgrass* that is within areas designated on the site plans for any of the following:

- a. recreational use ~~by the public~~
- b. ~~dedicated~~ sports fields
- c. driving ranges
- d. burial grounds
- e. vegetated pavers
- f. vegetated roofs
- g. minimum fire apparatus access as required by the *AHJ* via the International Fire Code
- h. animal exercise and relief

turfgrass, non-functional: *turfgrass* that is not *functional turfgrass*

...

Revise Table 4.2 with new JO

Table 4.2 Requirements Determined by the Jurisdiction (Normative in the IgCC)

Section	Section Title, Description and Directives	Jurisdictional Requirement
6.3.1.3	Irrigation of Non-functional turfgrass	<input type="checkbox"/> No

Add Section 6.3.1.3 and renumber subsequent sections

[JO] 6.3.1.3 Irrigation of Non-functional turfgrass. Installation of an irrigation system for *non-functional turfgrass* in new development and *improved landscapes* shall be prohibited.

2024 revisions for ANSI N15.56-2014 Methods of Nuclear Material Control – Nondestructive Assay Program – Nondestructive Assay Measurements of Nuclear Material Holdup: General Provisions

Added words are highlighted in yellow. Removed words are crossed out.

- ANSI address was updated throughout the standard.
- Table of contents were expanded to show the subsections in the standard.
- Forward:
 - This standard defines administrative practices for generating and reporting of nondestructive assay (NDA) data regarding nuclear material holdup deposits. It provides guidance on procedures, definition of terms, definition of ~~data quality objectives~~ measurement performance requirements, vocabulary, recordkeeping, application of techniques, calculation, reporting of values, and uncertainties so that some consistency of use can be achieved by as large a community of stakeholders as practicable.
- Writing team and people involved in the standard were updated.
- 0. Introduction:
 - It is important to quantify (with meaningful uncertainty determinations) the holdup in a facility for purposes of process control, nuclear criticality safety, waste compliance, material control and&...
 - Frequently, these complications lead to NDA measurement results with large uncertainties that are not only difficult to quantify but also are difficult to communicate to the various stakeholders or ~~end users~~ requesting organization.
- 1.1 Scope:
 - This standard addresses topics concerning the generation and reporting of NDA measurement data regarding holdup deposits, taking into consideration end user ~~data quality objectives~~. End users measurement performance requirements (MPR). Requesting organization of the data may include personnel engaged in nuclear material accounting and control, safeguards, nuclear criticality safety, waste management, radiological protection, facility characterization, D&D, safety analysis, and licensing activities.
- 1.2 Purpose:
 - This Sstandard provides guidance regarding procedures and method selection, definition of ~~data quality objectives~~ MPR, special word usage standardized to the extent possible, recordkeeping, consistent application of techniques, considerations during calculation of results and uncertainties, and reporting of NDA measurements in a way that is consistent with ~~data quality objectives~~ MPRs and end use of the data.
- 2.1 Normative references:
 - Updated ASTM C 1490-04 to ASTM C 1490-14
- 2.2 Informative references:
 - Section number typo corrected from 2.1 to 2.2
 - Informative references are now listed in Annex B instead of annex A.
- 3.3:

- ~~3.3 Data Quality Objective (DQO): An agreement between the measurement organization and its customer regarding the quality of the data expected and the type of quality programs in place to assure the quality of the measurement data. (See 4.1.1.6 for more details.)~~
- **3.3 Measurement Performance Requirements (MPRs):** It is a set of requirements for NDA or DA measurements stipulated by an organization specific to its needs. Refer to Section 4.1.1.6 for the components that are included in Measurement Performance Requirements.
- 3.8 Item:
 - ~~Material~~ **A container or an object** potentially containing a ~~radioisotope~~ **radioactive material** to be measured [1].
- 3.15 Type A uncertainty:
 - Added reference [20].
- 3.16 Type B uncertainty:
 - Added reference [20].
- 4. Administrative aspects of determining results for in situ measurements:
 - Added the following paragraph: **The primary purpose of the standard is to provide guidance to the stakeholders in the United States on the estimation and reporting of nuclear material holdup using NDA. Furthermore, the current standard addresses the requirements of the requesting organization.**
- 4.1.1 Method selection:
 - Corrected typo (5.1) to (Sec. 5.1).
- 4.1.1.1 Customer/Purpose of measurement:
 - ... Measurements are performed for Materials Control and Accountability (MC&A)/Safeguards; process control; criticality safety; radiological protection; ~~deactivation and decommissioning (D&D)~~ including environmental release concerns; waste characterization; process cleanout; and combinations of these and other reasons. Each reason for the measurement might have different objectives, e.g. different uses for the measurement uncertainty. The measurements may be quantitative, relative mapping, or both. Holdup measurements can be routine at operating facilities so relative monitoring **of nuclear material** may be applied as an alternative to absolute measurements when well below criticality safety limits. ~~Data quality objectives~~ **MPRs** and end use of the measurement results should be documented prior to starting any measurements.
- 4.1.1.2 Materials to be measured:
 - The element(s) and isotope(s), the chemical and physical forms, and the radiation signatures likely to be present shall be considered. Measurement of uncommon actinides such as Np, Cm, Am, **and Th**, etc.
- 4.1.1.3 Physical measurement conditions:
 - Environment – *i.e.* temperature, ~~moisture, and dust~~, **humidity, dust, and background radiation**, etc.
- 4.1.1.4 Measurement resources:
 - Numerous measurement methods exist for *in situ* holdup measurements [3, 4, 5, 6, 7, 8]. The measurement personnel should adapt their resources to the best method to meet ~~data quality objective requirements~~ **MPRs**. Factors to be considered include:

- 4.1.1.5 Constraints:
 - Time allotted for the measurements **that is consistent with MPRs**
- 4.2:
 - Section 4.1.1.6 Data quality objectives is now Section 4.2 Measurement Performance Requirements. This changed the numbering for the subsequent subsections of Section 4.
 - The first paragraph was changed: ~~The customer and the measurement organization should agree on the expectations for data quality, given the measurement issues noted above and the data quality requirements of the customer. This agreement can be based on the Data Quality Objective process described in EPA QA/G4 [9] or on a facility specific comparable process. See Annex B for a generic blank DQO form example. This agreement shall be documented and archived for each specific task. Data quality objectives have a significant effect on measurement method selection, the accuracy and precision of resulting measurements, and the time and cost to perform measurements. Data quality objectives could include the following:~~ **MPRs may vary depending on the intended use of measurements. Information about the development and implementation of MPRs may be found in Annex A, “Measurement Performance Requirements and Reporting.” MPRs should include the following:**
- 4.2.1 Method validation:
 - Section 4.1.1.7 is now Section 4.2.1
 - ... The purpose of validation is to demonstrate, in a documented form, that the method chosen is appropriate to the needs of the **intended** end users of the data that will be produced. Validation of methods employed by measurement systems that will be subsequently qualified may be accomplished by citing available published references and publications describing successful measurements under the expected conditions. External peer review by subject matter experts can also be used for validation of a technique or its application. If the proposed method lacks published validation for the specific ~~data quality objectives~~ **MPRs**, the user should perform measurements and testing under expected holdup measurement conditions to validate the method.¹ Method validation specifics (*i.e.* facility, measurement equipment, and personnel making the measurements) shall be documented and archived. The GGH method, *per se*, has been fully validated [3, 4, 10]. Other gamma-spectrometry methods are described in ~~ASTM E1762~~ **reference [6]**, [11].
- 4.2.2 System qualification:
 - Section 4.1.1.8 is now Section 4.2.2
 - Once a method has been selected and validated, ~~the user~~ **it** shall **be** demonstrated that the specific measurement system(s) used to implement the method will produce adequate data under the specific conditions expected when the method is applied. Qualification using the selected method and calibrated measurement system should be performed to measure well-known SNM quantities under realistic *in situ* conditions. Qualification measurement results shall satisfy the customer’s ~~data quality objectives~~ **MPRs** and be documented and archived.

In some instances, calibration required for system qualification may be performed via modeling due to a lack of nuclear material calibration standards. Verifying a calibration with the same nuclear material standard(s) used for calibration should be avoided. Qualification measurement results ~~may~~ **from a specific measurement system shall** be compared to those obtained with another qualified measurement system that utilizes the same or alternative validated method of suitable precision and accuracy.

- 4.2.3 Documentation:
 - Section 4.1.2 is now Section 4.2.3
- 4.2.4 Review and approval:
 - Section 4.1.3 is now Section 4.2.4
 - ASTM C1490-04 is now ASTM C 1490-14 (2023)
- 4.3 Training and personnel qualification:
 - Section 4.2 is now Section 4.3
 - ASTM C1490-04 is now ASTM C 1490-14 (2023)
- 4.3.1 Initial training:
 - Section 4.2.1 is now Section 4.3.1
 - Changed (see 4.3.3) to (see Sec. 4.3.3)
- 4.3.2 Ongoing training:
 - Section 4.2.2 is now Section 4.3.2
- 4.4 Procedures:
 - Section 4.3 is now Section 4.4
 - ... Written procedures governing all facets of program operation ~~should~~ **shall** be in place at the operations, management, and oversight levels of an established *in situ* measurement program and be under development in an *ad hoc* or initial measurement program.
- 4.4.1 Procedure review:
 - Section 4.3.1 is now Section 4.4.1
- 4.4.2 Programmatic procedures:
 - Section 4.3.2 is now Section 4.4.2
 - Updated reference ANSI N15.36-2010 to ANSI N15.36-2021
 - Moved reference to the end of the sentence
- 4.4.3 Measurement plan:
 - Section 4.3.3 is now Section 4.4.3
 - ... Guidance may be found in ~~annex A~~ **references** [3, 4, 12]. For first-time measurements in a facility, it is desirable to perform preliminary measurements to assess conditions such as providing a map of intensity of signature radiation. The measurement plan shall address the type(s) of detector(s) chosen for the measurements, measurement configurations, calibration standards, calibration techniques, ~~data quality objectives~~ **MPRs**, and data to be acquired. This ~~usually~~ may be accomplished by reference to standard procedures already developed by the organization performing the measurements...
- 4.4.4 Equipment/Data acquisition procedures:
 - Section 4.3.4 is now Section 4.4.4
 - ... In addition there shall be procedures addressing the response to a measurement control failure. **This is often** ~~(in all likelihood)~~ contained in the programmatic

- procedures addressed in Section 4.3.2 ~~4.4.2~~, above).
- There shall be written procedures addressing the response of the measurement team to unexpected measurement ~~conditions/measurement~~ **conditions or measurement** data.
 - 5.1 Archiving of measurement results:
 - ... Archived data also shall include thorough and complete descriptions of the methodology and calculations used for data analysis, as well as copies ~~and of~~ documentation related to all software used for data reduction and analysis. Archived data shall be complete such that a knowledgeable person not associated with this specific measurement campaign could reproduce the measurement results at a later date ~~from~~ **using** the archived information.
 - 5.2 Calculation of results:
 - ... Extensive discussion of the computational methods used in the GGH approach may be found in ~~annex A~~ **references** [3, 4, 15, 16, 17]. Other commercial methods are available that can be used for *in situ* measurements.
 - 5.2.1 Software Control:
 - ... Changes and upgrades shall be maintained and documented with careful attention to version configuration control **of the software quality assurance (SQA) or the software...**
 - 5.2.2 Estimate of gram value and measurement uncertainty [19]:
 - The method used to estimate the gram value of the holdup and its measurement uncertainty ~~must shall~~ be well understood and well documented in the holdup report. **Section 5.3 describes the contents of the holdup report.** Calculation of any measurement corrections shall be thoroughly documented. All potential sources of uncertainty shall be considered.
 - 5.2.2.1 Type A and Type B standard uncertainties:
 - ... A sensitivity analysis of the error budget as illustrated in **reference** [3] can be used to estimate modeling [5, 6] uncertainties...
 - 5.3 Report generation:
 - Reporting of *in situ* holdup measurement results shall be made with full cognizance of the ~~data quality objective requirements~~ **MPRs** for those measurements (~~4.1.1.6~~ **Sec. 4.2**). These requirements should be a driving factor in the design of the measurement plan (~~4.3.3~~ **Sec. 4.4.3**).
 - Annex A and B are switched in the updated standard.
 - Annex A:
 - The acronym DQO is replaced with MPR.
 - Annex B:
 - Added reference [13]:
 - **ASTM C1807-15 (2023): Standard Guide for Nondestructive Assay of Special Nuclear Material (SNM) Holdup Using Passive Neutron Measurement Methods.**
 - Subsequent reference numbers were updated by +1.
 - Added reference [22]:
 - **ANSI/ANS-8.2, Administrative Practices for the Use of Nondestructive Assay Measurements for Nuclear Criticality Safety**

BSR/UL 405, Standard for Fire Department Connection Devices

1. Revisions to Marking Requirements

PROPOSAL

MARKING

19 General

19.1 A fire department connection, roof manifold or swivel adaptor shall be marked with:

- a) The name or trademark of the manufacturer or private labeler,
- b) The rated working pressure, ~~and~~
- c) A Distinctive model, catalog designation, identification mark or the equivalent ~~and~~
- d) Year of manufacture.

19.2 These markings shall appear in cast letters not less than 1/4 inch (6.4 mm) high and raised at least 1/32 inch (0.8 mm) except as follows.

Exception No. 1: The marking referenced in [19.1\(c\)](#) ~~and (d)~~ shall be permitted to be permanently marked with a character height not less than 5/32 inch (4 mm) by means such as a stamping, etching or engraving process.

Exception No. 2: A swivel adaptor is not required to be marked when provided as an integral part of a fire department connection or roof manifold.

Exception No. 3: A swivel adaptor shall be permitted to be permanently marked as specified in [19.1](#) with a character height not less than 5/32 inch (4 mm) by means such as a stamping, etching or engraving process.

19.3 The top of the body of a fire department connection shall be marked to indicate the system which the connection supplies, or a separate plate having the required markings shall be made available for identifying the type of system provided with each connection. The markings shall read AUTOSPKR. AND STANDPIPE, AUTOSPKR., OPEN SPKR., or other appropriate wording. The markings shall be in letters not less than 1 inch (25.4 mm) high.

19.4 If a manufacturer produces fire department connections at more than one factory, each product(s) shall have a distinctive marking to identify it as the product of a particular factory.

2. Update Reference to NFPA Standard for Non-Threaded Connections

PROPOSAL

INTRODUCTION

4 ~~Undated References~~ Referenced Publications

4.1 Any undated reference to a code or standard appearing in the requirements of this standard shall be interpreted as referring to the latest edition of that code or standard.

4.2 The following publications are referenced in this Standard:

[ASME B1.20.1, Standard for Pipe Threads, General Purpose \(Inch\)](#)

[ASME B1.20.3, Standard for Dryseal Pipe Threads \(Inch\)](#)

[ASME B1.20.7, Standard for Hose Coupling Screw Threads – Inch](#)

[AWWA C606, Standard for Grooved and Shouldered Joints](#)

[NFPA 1960, Standard for Fire Hose Connections](#)

[UL 157, Standard for Gaskets and Seals](#)

CONSTRUCTION

8 Fire Department Connection Inlets

8.1 Inlets shall be horizontal or shall be inclined downward. The arrangement of multiple inlets shall be such that a hose can be conveniently attached to or removed from any one inlet while the other inlet(s) is in service.

8.2 Each inlet shall be provided with a female swivel hose coupling at least 1-1/2 inches (38.1 mm) nominal diameter having hose threads that conform to those used by the fire department in accordance with the ~~Standard for Hose Coupling Screw Threads – Inch~~, ANSI/ASME B1.20.7 unless specifically ordered to fit existing fire hose equipment requiring different threads.

Exception No. 1: Nominal diameter inlets in the 4 and 5 inch (100 and 125 mm) size having nonthreaded connections constructed in accordance with NFPA ~~1963~~, [1960](#) ~~the Standard for Fire Hose Connections~~, are able to be used.

12 Outlets and Inlets

12.1 The maximum number of fire department connection inlets or roof manifold outlets shall be in accordance with [Table 12.1](#).

12.2 The outlet of a fire department connection and the inlet of a roof manifold shall be provided with National Pipe Threads (NPT) conforming to the ~~Standard for Pipe Threads, General Purpose (Inch)~~, ANSI/ASME B1.20.1 or ~~the Standard for Dryseal Pipe Threads (Inch)~~, ANSI B1.20.3 or grooved ends complying with ~~the Standard for Grooved and Shouldered Joints~~, ANSI/AWWA C600.

PERFORMANCE

16 Elastomeric Parts (Except Gaskets) Test

16.1 An elastomeric part used to provide a seal shall have the following properties when tested as specified in ~~the Standard for Gaskets and Seals~~, UL 157:

- a) For silicone rubber (having poly-organo-siloxane as its constituent characteristic), a minimum tensile strength of 500 psi (3.4 MPa) and a minimum ultimate elongation of 100 percent.
- b) For natural rubber and synthetic rubber other than silicone rubber, a minimum tensile strength of 1500 psi (10.3 MPa) and minimum ultimate elongation of 150 percent; or a minimum tensile strength of 2200 psi (15.2 MPa) and a minimum ultimate elongation of 100 percent.

c) Those properties relating to maximum tensile set; minimum tensile strength and elongation after oven aging; and hardness after oven aging, all as specified in ~~the Standard for Gaskets and Seals~~, UL 157. The maximum service temperature used to determine the oven time and temperature for oven aging is considered to be 60°C.

16.2 ~~The Standard for Gaskets and Seals~~, UL 157 provides for the testing of either finished elastomeric parts or sheet or slab material. Sheet or slab material is to be tested when the elastomeric parts are O-rings having diameters of less than 1 inch (25.4 mm). The material tested is to be the same as that used in the product, regardless of whether finished elastomeric parts or sheet or slab material is tested.

APPENDIX A
Standards for Components

~~Standards under which components of the products covered by this standard are evaluated include the following:~~

~~Title of Standard – UL Standard Designation~~

~~-~~

~~Gaskets and Seals – UL 157~~

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BSR/UL 508, Standard for Safety for Industrial Control Equipment

1. Revisions to Address Changes to UL 869A

PROPOSAL

187.4 Exposure to inadvertent contact with ungrounded uninsulated live parts on the supply side of service disconnects while every service disconnect is in the off position as required by the Reference Standard for Service Equipment, UL 869A, shall be determined using the [straight probe in Figure A2.1 of UL 869](#) ~~requirements for accessibility of live parts in Section 7.17~~ under the following conditions:

- a) The probe ~~referenced in 7.17~~ shall be applied to openings in and edges of barriers that are used to protect against inadvertent contact of ungrounded uninsulated live parts on the supply side of a service disconnect. The probe is applied to openings in barriers, and for barrier edges the probe is applied up to the point of where the [19.1 mm stop face](#) ~~web-stop~~ reaches the edge of the barrier. Factory installed barriers, including those that are removable, shall be in place during this investigation.
- b) Line-side service conductors sized in accordance with Section 26.5 shall be installed in the terminals when determining exposure to inadvertent contact.

187.7 Barriers and other parts necessary to comply with 187.4 may be provided as a field installable kit [when marked as in 187.9](#) ~~provided with the equipment~~.

[187.9](#) Equipment marked "Suitable for use as service equipment" and provided with protection from inadvertent contact in a field installable kit, as permitted in 187.7, shall be marked "Install Service Barrier Kit, Cat. Number _____" or equivalent. Installation instructions shall be provided with the kit describing proper installation of the parts for compliance to the requirements of this section.

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BSR/UL 618, Standard for Concrete Masonry Units

1. Editorial New Edition of UL 618

PROPOSAL

INTRODUCTION

1 Scope

1.1 These requirements cover concrete masonry units ~~classified~~ for use in fire resistive walls in accordance with the conditions of acceptance of the Standard for Fire Tests of Building Construction and Materials, UL 263.

1.2 Concrete masonry units are ~~classified~~ rated as follows:

- a) 2-hour units are intended for use in fire resistive walls having a rating of 2 hours or less.
- b) 3-hour units are intended for use in fire resistive walls having a rating of 3 hours or less.
- c) 4-hour units are intended for use in fire resistive walls having a rating of 4 hours or less.

~~1.3 A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements in this standard, and that involves a risk of fire, electric shock, or injury to persons shall be evaluated using the appropriate additional component and end-product requirements to determine that the level of safety as originally anticipated by the intent of this Standard is maintained. A product whose features, characteristics, components, materials, or systems conflict with specific requirements or provisions of this standard shall not be judged to comply with this standard. Where appropriate, revision of requirements shall be proposed and adopted in conformance with the methods employed for development, revision, and implementation of this standard.~~

~~2~~ **General**

2.1 Components

2.1.1 Except as indicated in 2.2.2, a component of a product covered by this ~~s~~SStandard shall:

- a) C~~e~~omply with the requirements for that component as specified in this Standard;
- b) Be used in accordance with its rating(s) established for the intended conditions of use; and
- c) Be used within its established use limitations or conditions of acceptability.

2.2.2 A component need not comply with a specific requirement that:

- a) Involves a feature or characteristic not needed in the application of the component in the product covered by this ~~s~~SStandard, ~~or;~~
- b) Is superseded by a requirement in this ~~s~~SStandard; ~~or~~
- c) Is separately evaluated when forming part of another component, provided the component is used within its established ratings and limitations.

~~2.1.3 A component shall be used in accordance with its recognized rating established for the intended conditions of use.~~

2.1.4 Specific components are ~~recognized as being~~ incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits, and shall be used only under those specific conditions for which they have been recognized.

4 Referenced Publications

4.1 Any undated reference to a code or standard appearing in the requirements of this Standard shall be interpreted as referring to the latest edition of that code or standard.

4.2 The following publications are referenced in this Standard:

ASTM C140/C140M, *Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units*

UL 263, *Standard for Fire Tests of Building Construction and Materials*

4A.3 The procedure in conducting tests for compressive strength is to be in accordance with ~~Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units~~, ASTM C140/C140M. The compressive strength requirements specified in Table 4A.1 are based on the gross cross sectional area of the unit as laid in a wall when tested not more than 28 days after manufacture.

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BSR/UL 62841-4-5 Standard for Safety for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 4-5: Particular Requirements for Grass Shears

1. Proposed Adoption of IEC 62841-4-5 Ed 1 Corrigendum 1

PROPOSAL

L.20.301.1 A **grass shear** without an **extension shaft**, while not directly connected to the mains or to a **non-isolated source**, with any **detachable battery pack** attached, is dropped once from each of the four orientations shown in ~~Figure 120~~ Figure 113, while adjusted to its minimum extension in accordance with 8.14.2 b) and with any adjustable device or adjustable handle in the zero degree cutting position, on a concrete surface from a height of 1 m.

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