



STANDARDS ACTION

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Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers (ASD) of the initiation and scope of activities expected to result in new or revised American National Standards (ANS). Early notification of activity intended to reaffirm or withdraw an ANS and in some instances a PINS related to a national adoption is optional. The mechanism by which such notification is given is referred to as the PINS process. For additional information, see clause 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards.

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. Use the following Public Document Library url to access PDF & EXCEL reports of approved & proposed ANS: [List of Approved and Proposed ANS](#)

Directly and materially affected interests wishing to receive more information or to submit comments are requested to contact the standards developer directly within 30 days of the publication of this announcement.

ABYC (American Boat and Yacht Council)

613 Third Street, Suite 10 | Annapolis, MD 21403 www.abycinc.org
 Contact: Sara Moulton; smoulton@abycinc.org

Revision

BSR/ABYC A-32-202x, AC Power Conversion Equipment and Systems (revision of ANSI/ABYC A-32-2017)

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

Project Need: To develop safety standards for electrical and electronic power conversion and systems on boats.

Scope: This standard addresses the design, construction, and installation of electrical and electronic power conversion, control equipment, and systems on boats.

ABYC (American Boat and Yacht Council)

613 Third Street, Suite 10 | Annapolis, MD 21403 www.abycinc.org
 Contact: Sara Moulton; smoulton@abycinc.org

Revision

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

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

Project Need: To develop safety standards for mechanical steering and mechanical control of propulsion for jet boats.

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

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway | Park Ridge, IL 60068 www.assp.org
 Contact: Lauren Bauerschmidt; LBauerschmidt@assp.org

Revision

BSR/ASSP Z9.2-202x, Fundamentals Governing the Design and Operation of Local Exhaust Ventilation Systems (revision of ANSI/ASSP Z9.2-2018)

Stakeholders: OSH professionals.

Project Need: Based upon the consensus of the Z9 committee and the leadership of ASSP.

Scope: This standard establishes minimum requirements for the commissioning, design, specification, and construction and installation of fixed industrial local exhaust ventilation (LEV) systems used for the reduction and prevention of employee exposure to harmful airborne substances in the industrial environment.

ASSP (Safety) (American Society of Safety Professionals)

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

Contact: Lauren Bauerschmidt; LBauerschmidt@assp.org

Revision

BSR/ASSP Z9.3-202x, Spray Finishing Operations: Safety Code for Design, Construction and Ventilation (revision and redesignation of ANSI/ASSE Z9.3-2017)

Stakeholders: OSH professionals.

Project Need: Based upon the consensus of the Z9 committee and leadership of ASSP.

Scope: This standard is intended to help manufacturers and users protect the health of personnel from injurious effects of contact with gases, vapors, mists, dusts, powders, or solvents used in, created, released, or disseminated during or by spray finishing operations.

ASSP (Safety) (American Society of Safety Professionals)

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

Contact: Lauren Bauerschmidt; LBauerschmidt@assp.org

Revision

BSR/ASSP Z9.6-202x, Exhaust Systems for Grinding, Polishing and Buffing (revision of ANSI/ASSP Z9.6-2018)

Stakeholders: OSH professionals.

Project Need: Based upon the consensus of the Z9 committee and the leadership of ASSP.

Scope: The requirements and emission and exposure control principles described in this standard represent the minimum criteria intended (1) to protect the health of personnel engaged in and working in the vicinity of grinding, polishing and buffing operations; and (2) to control contaminants generated by those operations.

BIFMA (Business and Institutional Furniture Manufacturers Association)

678 Front Avenue NW | Grand Rapids, MI 49504 www.bifma.org

Contact: David Panning; dpanning@bifma.org

New Standard

BSR/BIFMA X9.1-202X, Exterior Commercial Seating and Tables (new standard)

Stakeholders: Furniture manufacturers, suppliers, testing laboratories, users, specifiers, and government agencies.

Project Need: This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of exterior commercial seating and tables.

Scope: This standard provides a common basis for evaluating the safety, durability, and structural performance of commercial seating and table products intended for use in exterior spaces. This standard also provides a common basis for evaluating commercial seating and table accessory products such as canopies, umbrellas, and presentation boards.

CTA (Consumer Technology Association)

1919 S. Eads Street | Arlington, VA 22202 www.cta.tech

Contact: Catrina Akers; cakers@cta.tech

New Standard

BSR/CTA 2104-202x, Machine Learning for XR (new standard)

Stakeholders: Consumers, manufacturers, and retailers.

Project Need: This document will highlight a number of different capabilities that are unique to Machine Learning and its relationship with XR. It will cover specifics for each of the AR, MR, and VR verticals and how Machine Learning can enhance engagement, customer retention, and development speed.

Scope: This document will highlight a number of different capabilities that are unique to Machine Learning and its relationship with XR. It will cover specifics for each of the AR, MR, and VR verticals and how Machine Learning can enhance engagement, customer retention, and development speed. The topics will be covered in a developer and implementation focused mindset and lean on definitions from other documents as often as possible.

EASA (Electrical Apparatus Service Association)

1331 Baur Road | St. Louis, MO 63132

Contact: Mike Howell; mhowell@easa.com

Revision

BSR/EASA AR100-202x, Recommended practice for the repair of rotating electrical apparatus (revision of ANSI/EASA AR100-2020)

Stakeholders: Electrical apparatus service centers and end users.

Project Need: EASA and ANSI procedures require periodic reaffirmation or revision of standards.

Scope: This document describes record keeping, tests, analysis, and general guidelines for the repair of rotating electrical apparatus, including generators and motors.

ESTA (Entertainment Services and Technology Association)

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

Contact: Karl Ruling; standards@esta.org

New Standard

BSR/ESTA E1.75-202x, Guidelines for the measurement and reporting of luminaire spectral power/absorbance for the entertainment industry (new standard)

Stakeholders: Theatre and studio luminaire manufacturers, lighting control console manufacturers, theatrical lighting designers, motion-picture cinematographers, theatre master electricians, motion-picture set-lighting technicians, equipment suppliers.

Project Need: There is work underway in the entertainment industry by several groups for standards to allow theatrical lighting controllers to manipulate and match colors among spotlights, washlights, cyc lights, and other luminaires, and to communicate this color control information across a lighting control network. These theatrical luminaires may offer color control by additive color mixing, subtractive color mixing, or both in the same luminaire, complicating control and its description.

Scope: This standard would support the automated luminaire color control work being done in the entertainment industry by offering guidance on measurement geometry and methods, units, luminous intensity or illuminance with distance reporting; measuring color filter absorbance, and reporting color data.

NFPA (National Fire Protection Association)

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

Contact: Dawn Michele Bellis; dbellis@nfpa.org

New Standard

BSR/NFPA 1321-202x, Standard for Fire Investigation Units (new standard)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Scope: This standard shall cover the minimum requirements relating to the establishment, structure, operation, and management of fire investigation units (FIUs). This standard shall not provide requirements relating to fire investigation methodology. This standard shall not provide requirements relating to professional qualifications of fire investigators.

PHTA (Pool and Hot Tub Alliance)

2111 Eisenhower Avenue, Suite 500 | Alexandria, VA 22314 www.PHTA.org

Contact: Genevieve Lynn; standards@phta.org

New Standard

BSR/PHTA ICC-2-202x, Standard for Public Pool and Spa Operations and Maintenance (new standard)

Stakeholders: Owners and operators of public pools, spas and aquatic venues; designers, builders, fabricators, manufacturers, installers, service companies, general contractors, plumbers, electricians, engineers, architects, retail businesses providing goods and services for swimming pools, spas and aquatic venues; regulatory bodies; building code officials; health code officials, plan examiners, inspectors, consultants and consumers.

Project Need: This standard can be used by owners and operators of public pools, spas, and aquatic venues for the operation and maintenance of all types of public aquatic venues. It is also intended to be used by state and local authorities for adoption into state and local codes and standards. Industry stakeholders such as commercial pool and spa service companies, water park operators, and public pool operators can also use this standard as the benchmark for the minimum standards to operate and maintain public aquatic venues.

Scope: This project is intended to cover the operations and maintenance of public pools, spas, and other aquatic venues intended to operate with or within recreational water-quality standards. Design and construction of public pools and other aquatic venues are addressed in other standards. Residential pools and other water-containing amenities not intended for swimming, bathing, or wading shall not be considered to be included in the scope of this standard.

PLASTICS (Plastics Industry Association)

1425 K Street, NW, Suite 500 | Washington, DC 20005 www.plasticsindustry.org

Contact: Jeff Linder; jlinder@plasticsindustry.org

National Adoption

BSR/PLASTICS B151.1-202X (ISO 20430-2020, MOD), Plastics Machinery - Safety Requirements for Injection Molding Machines (national adoption of ISO 20430:2020 with modifications and revision of ANSI/PLASTICS B151.1-2017)

Stakeholders: Machinery suppliers, producers, users, plastics processors.

Project Need: Harmonization with ISO 20430:2020.

Scope: This document specifies the essential safety requirements for the design and construction of injection molding machines for the processing of plastics and provides information for their safe use. This document deals with all significant hazards, hazardous situations and events relevant to injection molding machines, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer during the life cycle of the machinery.

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200 | Arlington, VA 22201-2598 www.tiaonline.org

Contact: Teesha Jenkins; standards-process@tiaonline.org

Revision

BSR/TIA 10-A-202x, Interference Criteria for Microwave Systems (revision and redesignation of ANSI/TIA 10-2019)

Stakeholders: Telecom, environmental, governmental.

Project Need: Update standard.

Scope: This project for a revised standard provides recommendations related to Interference Criteria for Microwave Systems. The subsequent use of the 2019 published standard has motivated users to request minor modifications to the standard. This revision will provide that support in areas such as Interference Estimation, Receiver Interference, Coordination with Satellite Earth Stations, Rain & Multipath Fading, Adaptive Coding/Modulation and Automatic Transmit Power Control.

TNI (The NELAC Institute)

PO Box 2439 | Weatherford, TX 76086 www.NELAC-Institute.org

Contact: Robert Wyeth; robert.wyeth@nelac-institute.org

Revision

BSR/TNI EL-V1M5-Rev. 3.0-202x, Volume 1 - Management and Technical Requirements for Laboratories Performing Environmental Analysis: Quality Systems for Microbiological Testing (revision and partition of ANSI/TNI EL-V1-2016)

Stakeholders: Laboratories, accreditation bodies, other data users and all interested parties.

Project Need: Proposed project ensures a timely revision of the Module and provides for technological advances, will address regulatory issues, ensure consistency with other Modules of the Standard, provide clarifications of module language as required, and will assist laboratories with usability of the Standard/Module

Scope: Volume 1 of the TNI Environmental Lab Sector Standard is titled "Management and Technical Requirements for Laboratories Performing Environmental Analysis." Module 5 refers to laboratory requirements for quality systems for microbiological testing. Several changes have been proposed for the Standard in Module 5 that were driven by the need to harmonize with changes to other Modules, a desire to provide clarity to parts of the Standard that have been known to cause confusion, and to improve the flow of the Standard.

UL (Underwriters Laboratories)

171 Nepean Street, Suite 400 | Ottawa, ON K2P 0B4 Canada <https://ul.org/>

Contact: Laura Werner; laura.werner@ul.org

New Standard

BSR/UL/ULC 2447-202x, Standard for Safety for Containment Sumps, Fittings and Accessories for Flammable and Combustible Liquids (new standard)

Stakeholders: Oil and Gas industry, fuel distributors.

Project Need: Underwriters Laboratories Inc. and ULC Standards are merging CAN/ULC-S664, Standard for Containment Sumps, Sump Fittings, and Accessories for Flammable and Combustible Liquids, with UL 2447, Outline for Containment Sumps, Fittings and Accessories for Fuels, to create a bi-national standard that addresses both Canadian and American requirements (UL/ULC 2447). The standard will be designated as a joint ANSI/SCC standard and is intended to support certification programs in Canada and the U.S. Manufacturers will benefit from reduced administrative burden when products only need to be tested to a single standard. Regulators will benefit from reduced overlap in standards requirements.

Scope: This Standard sets forth the minimum requirements for containment sumps, and associated sump fittings and accessories (products) intended for below-grade or at-grade use as an enclosure for the housing of, and access to, underground piping, connector piping, and other fueling system components (such as pumps, valves, sensors, wiring, etc.) in addition to temporary containment of typical liquid fuels as identified in this Standard. These products are intended for use in commercial (public) or private (fleet) automotive fueling station applications or similar fuel dispensing applications, and in piping systems for fuel supply to generators, burners, or similar equipment. Some sump fitting or sump accessory products may be optionally evaluated for repair or replacement applications in containment sumps that have been in service.

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: November 7, 2021

NSF (NSF International)

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

Revision

BSR/NSF 3-202x (i19r1), Commercial Warewashing Equipment (revision of ANSI/NSF 3-2019)

This Standard applies to commercial dishwashing; glasswashing; and pot, pan, and utensil washing machines that wash their contents by applying sprays of detergent solutions with or without blasting media granules, and sanitize their contents by applying sprays of hot water or chemical sanitizing solutions. Stationary rack and conveyor machines are covered under this Standard.

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

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

UL (Underwriters Laboratories)

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

National Adoption

BSR/UL 12402-5-202x, Standard for Personal Flotation Devices - Part 5: Buoyancy Aids (Level 50) - Safety Requirements (October 8, 2021) (national adoption of ISO 12402-5 with modifications and revision of ANSI/UL 12402-5-2021)

This proposal covers: (1) Update to add a definition of whitewater; (2) Revision to align with UL 1123, Infant Buoyancy Aid Testing.

[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 7, 2021

UL (Underwriters Laboratories)

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

National Adoption

BSR/UL 12402-9-202x, Standard for Personal Flotation Devices - Part 9: Test Methods (October 8, 2021) (national adoption of ISO 12402-9 with modifications and revision of ANSI/UL 12402-9-2021)

This proposal covers: (1) Revision to match UL 12402-5 Infant Buoyancy Aid update; (3) Update to the test pan dimensions for Figure 10DV.

[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>

UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 | Paul.E.Lloret@ul.org, <https://ul.org/>

Revision

BSR/UL 217-202x, Standard for Safety for Smoke Alarms (revision of ANSI/UL 217-2021)

Document proposes revisions to the Uniformity of Operation test and an alternative test procedure for temperature cycling (TCT) for quality conformance.

[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 22, 2021

AAFS (American Academy of Forensic Sciences)

410 North 21st Street, Colorado Springs, CO 80904 | tambrosius@aafs.org, www.aafs.org

New Standard

BSR/AAFS ASB STD 098-202x, Standard for Mass Spectral Analysis in Forensic Toxicology (new standard)

This document provides criteria for the acceptance of mass spectral analyses of small molecules (compounds with an atomic weight of less than 800 daltons) in laboratories conducting any of the following forensic toxicology subdisciplines: postmortem forensic toxicology, human performance toxicology (e.g., drug-facilitated crimes and driving-under-the-influence of alcohol or drugs), 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 provides minimum requirements for acquiring data on single- or multiple-stage mass spectrometers using low or high resolution. It also provides instructions on the evaluation of mass spectral data when conducting acquisitions in full-scan mode, selected ion monitoring, or multiple-stage analyses. Criteria, requirements, and instructions in this document are not intended for the area of breath alcohol toxicology. Further, it is not intended to address the use of matrix-assisted laser desorption, inductively coupled plasma, or ion-mobility mass spectrometry. It is also not intended to provide criteria for analyte identification in forensic toxicology laboratories.

Single copy price: Free

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

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

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

Comment Deadline: November 22, 2021

AAFS (American Academy of Forensic Sciences)

410 North 21st Street, Colorado Springs, CO 80904 | tambrosius@aafs.org, www.aafs.org

New Standard

BSR/AAFS ASB STD 113-202x, Standard for Identification Criteria in Forensic Toxicology. (new standard)

This document sets minimum criteria, based on a point system, for the identification of an analyte during forensic toxicology testing. The document provides a mechanism for laboratories to evaluate each analytical technique to determine if their testing regimen is sufficient to meet or exceed the minimum points required for identification. This document does not address identification of alcohols and routine volatiles, carbon monoxide, cyanide, or metals.

Single copy price: Free

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

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

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

ANS (American Nuclear Society)

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

Reaffirmation

BSR/ANS 2.26-2004 (R202x), Categorization of Nuclear Facility Structures, Systems, and Components for Seismic Design (reaffirmation of ANSI/ANS 2.26-2004 (R2017))

This standard provides (a) criteria for selecting the seismic design category (SDC) for nuclear facility structures, systems, and components (SSCs) to achieve seismic safety and (b) criteria and guidelines for selecting Limit States for these SSCs to govern their seismic design. The Limit States are selected to ensure the desired safety performance in an earthquake. The criteria will be developed following the risk-informed and performance-based principles.

Single copy price: \$131.00

Obtain an electronic copy from: orders@ans.org

Order from: orders@ans.org

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

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

351 N. Williamson Boulevard, Daytona Beach, FL 32114-1112 | apcostandards@apcointl.org, www.apcointl.org

Revision

BSR/APCO 1.101.4-202x, Standard for Public Safety Telecommunicators When Responding to Calls of Missing, Abducted, and Sexually Exploited Children (revision and redesignation of ANSI/APCO 1.101.3-2015)

This standard is a reference specifically for public safety telecommunicators to present the missing, abducted, and/or sexually exploited child response process in a logical progression from the first response (initial call intake and information entry) through ongoing incident and case support (data query, entry and management in support of field/investigative work).

Single copy price: Free

Obtain an electronic copy from: <https://www.apcointl.org/services/standards/standards-review-comment/>

Send comments (copy psa@ansi.org) to: Mindy Adams; apcostandards@apcointl.org

Comment Deadline: November 22, 2021

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE S623.1-JAN2017 (R202x), Determining Landscape Plant Water Demands (reaffirmation of ANSI/ASABE S623.1-JAN2017)

This methodology will provide an estimate of plant water demands of permanently installed, non-production-based, established landscape materials. The standard will provide minimum water demands for acceptable plant appearance and function. This standard does not cover plants for sports fields, golf courses, or food production. This methodology is applicable for planning and design of planted landscape areas as defined in Section 3. It is assumed throughout this standard that the soil around the plants in question are wetted uniformly by precipitation or irrigation.

Single copy price: \$72.00

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh; walsh@asabe.org

Send comments (copy psa@ansi.org) to: Jean Walsh; walsh@asabe.org

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE EP411.5-2012 (R202x), Guidelines for Measuring and Reporting Environmental Parameters for Plant Experiments in Growth Chambers (reaffirmation of ANSI/ASAE EP411.5-2012 (R2016))

The purpose of this Engineering Practice is to set forth guidelines for the measurement of environmental parameters that characterize the aerial and root environment in a plant growth chamber.

Single copy price: \$72.00

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh; walsh@asabe.org

Send comments (copy psa@ansi.org) to: Jean Walsh; walsh@asabe.org

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE S459-FEB93 (R202x), Shear and Three-Point Bending Test of Animal Bone (reaffirmation of ANSI/ASAE S459-FEB93 (R2017))

This Standard is designed for use in determining the mechanical properties of animal bones such as the ultimate shear strength, ultimate bending strength, apparent modulus of elasticity, and fracture energy.

Single copy price: \$72.00

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh; walsh@asabe.org

Send comments (copy psa@ansi.org) to: Jean Walsh; walsh@asabe.org

Comment Deadline: November 22, 2021

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE S521-DEC91 (R202x), Method of Determining Peanut Blanchability (reaffirmation of ANSI/ASAE S521-DEC91 (R2016))

The purpose of this Standard is to establish uniformity and consistency in terms used to describe the blanchability of peanuts, define a test procedure that can be used to quantify the blanchability of a sample of peanuts for comparison with other samples, and describe test equipment that ensures accurate control of the test parameters.

Single copy price: \$72.00

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh; walsh@asabe.org

Send comments (copy psa@ansi.org) to: Jean Walsh; walsh@asabe.org

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE S358.3 MAY2012 (R202x), Moisture Measurement - Forages (reaffirmation of ANSI/ASAE S358.3 MAY2012 (R2017))

This Standard establishes uniform methodology for estimating the moisture content of forage materials in various forms. Other techniques, such as Karl Fischer titration and toluene distillation, should be used for more accurate moisture determination.

Single copy price: \$72.00

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh; walsh@asabe.org

Send comments (copy psa@ansi.org) to: Jean Walsh; walsh@asabe.org

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE/NFBA EP486.3-2017 (R202x), Shallow Post and Pier Foundation Design (reaffirmation and redesignation of ANSI/ASAE EP486.3-2017)

This engineering practice contains safety factors and other provisions for allowable stress design (ASD) which is also known as working stress design, and for load and resistance factor design (LRFD), which is also known as strength design. It also contains properties and procedures for modeling soil deformation for use in structural building frame analyses.

Single copy price: \$72.00

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh; walsh@asabe.org

Send comments (copy psa@ansi.org) to: Jean Walsh; walsh@asabe.org

Comment Deadline: November 22, 2021

ASC X9 (Accredited Standards Committee X9, Incorporated)

275 West Street, Suite 107, Annapolis, MD 21401 | Ambria.frazier@x9.org, www.x9.org

Reaffirmation

BSR X9.121-2016 (R202x), Balance and Transaction Reporting Standard (BTRS) Version 3.1 (BTR3) (reaffirmation of ANSI X9.121-2016)

As reporting systems become more complex, differences in data formats can cause considerable difficulty. The Balance and Transaction Reporting Standard (BTRS) establishes a common format for exchanging cash management account data. By establishing an efficient mechanism for communication among multiple parties, the standard facilitates complete, accurate, and timely information reporting, and helps reduce the cost of providing this service.

Single copy price: Free

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

Send comments (copy psa@ansi.org) to: Ambria Frazier; Ambria.frazier@x9.org

ASC X9 (Accredited Standards Committee X9, Incorporated)

275 West Street, Suite 107, Annapolis, MD 21401 | Ambria.frazier@x9.org, www.x9.org

Revision

BSR X9.100-20 Parts 1, 2 & 3-202x, Magnetic Ink Character Recognition: Printing MICR Characters (revision of ANSI X9.100-20 Parts 1, 2 & 3-2015)

This standard specifies the shape, dimensions, magnetic signal level, and tolerances for the E-13B characters which include ten numeral characters and four special symbol characters. When these E-13B font characters are printed in magnetic ink and used for the purpose of character recognition, the printed characters become magnetic ink character recognition, or what is commonly referred to as MICR. Also described are the various known types of printing defects and other printing considerations, together with the tolerances permitted.

Single copy price: \$140.00

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

Send comments (copy psa@ansi.org) to: Ambria Frazier; Ambria.frazier@x9.org

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

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

New Standard

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

ASHRAE Standard 23-202x prescribes methods for performance testing positive displacement refrigerant compressors and compressor units, including capacity, isentropic efficiency, and volumetric efficiency. This third Independent Substantive Change Publication Public Review draft adds a new Section 5.8 and renumbers the previous Section 5.8 and subsequent sections. Section 10 has also been updated.

Single copy price: \$35.00

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

Order from: standards.section@ashrae.org

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

Comment Deadline: November 22, 2021

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME A17.1/CSA B44-202x, Safety Code for Elevator and Escalators (revision of ANSI/ASME A17.1/CSA B44-2019)

This standard covers safety requirements for elevators, escalators, dumbwaiters, moving walks and material lifts.

This is Package #1 of 2 Public Reviews. This Public Review includes the following records: 15-1375, 15-2890, 17-193, 17-197, 17-1089, 17-3230, 17-3271, 18-153, 18-979, 18-1140, 18-1150, 18-1393, 18-1574, 18-2454, 18-2482, 18-2496, 18-2497, 18-2567, 18-2575, 18-2576, 18-2578, 18-2792, 18-2957, 18-2967, 19-1419-106, 19-107, 19-172, 19-175, 19-931, 19-1027, 19-1327, 19-1337, 19-1339, 19-1354, 19-1763, 19-2498, 20-160, 20-174, 20-272, 20-1141, 20-1142, 20-1143, 20-1180, 20-1184, 20-1186, 20-1287, 20-1563, 20-1675, 20-1715, 20-2917, 20-2919

Single copy price: Free

Obtain an electronic copy from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments (copy psa@ansi.org) to: Geraldine Burdeshaw; burdeshawg@asme.org

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME B16.10-202x, Face-to-Face and End-to-End Dimensions of Valves (revision of ANSI/ASME B16.10-2017)

This Standard covers face-to-face and end-to-end dimensions of straightway valves, and center-to-face and center-to-end dimensions of angle valves.

Single copy price: Free

Obtain an electronic copy from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments (copy psa@ansi.org) to: Andres Carrion; CarrionA@asme.org

ASPE (American Society of Plumbing Engineers)

6400 Shafer Court, Suite 350, Rosemont, IL 60018 | gpienta@aspe.org, www.aspe.org

Reaffirmation

BSR/WQA/ASPE/NSF S-802-2017 (R202x), Sustainable Water Treatment Media (reaffirmation of ANSI/WQA/ASPE/NSF S-802-2017)

The media included in the scope of this voluntary product sustainability certification standard include activated carbon and ion exchange resin (or blends thereof) commonly utilized in the treatment of drinking water for any of the following end-use applications: point-of-use (POU) systems or products, point-of-entry (POE) systems, commercial/industrial systems, and municipal supplies. The requirements of this standard shall be applicable to all production facilities, owned or controlled by the applicant company, encompassing all phases of production.

Single copy price: Free

Obtain an electronic copy from: gpienta@aspe.org

Send comments (copy psa@ansi.org) to: Gretchen Pienta; gpienta@aspe.org

Comment Deadline: November 22, 2021

ASTM (ASTM International)

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

New Standard

BSR/ASTM E860-202x, Practice for Examining and Preparing Items that Are or May Become Involved in Criminal or Civil Litigation (new standard)

https://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

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

New Standard

BSR/ASTM E1020-202x, Practice for Reporting Incidents that May Involve Criminal or Civil Litigation (new standard)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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New Standard

BSR/ASTM E1386-202x, Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Solvent Extraction (new standard)

https://www.astm.org/ANSI_SA

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New Standard

BSR/ASTM WK58457-202x, Practice for Training in the Forensic Examination of Primer Gunshot Residue (pGSR) Using Scanning Electron Microscopy/Energy Dispersive X-Ray Spectrometry (SEM/EDS) (new standard)

https://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

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

New Standard

BSR/ASTM WK59252-202x, Specification for PE and PP Mechanical Fittings for use on NPS 3 or Smaller Cold-Water Service Polyethylene (PE) or Crosslinked Polyethylene (PEX) Pipe or Tubing (new standard)

https://www.astm.org/ANSI_SA

Single copy price: Free

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New Standard

BSR/ASTM WK62967-202x, Specification for Fabricated Fittings of Crosslinkable Polyethylene (CX-PE) (new standard)

https://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

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

New Standard

BSR/ASTM WK67862-202x, Practice for Establishing an Examination Scheme for Intact Explosives (new standard)

https://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

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New Standard

BSR/ASTM WK70035-202x, Practice for Use of Color in Visual Examination and Forensic Comparison of Soil Samples (new standard)

https://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

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New Standard

BSR/ASTM WK72932-202x, Guide for the Collection, Analysis and Comparison of Forensic Glass Samples (new standard)

https://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

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New Standard

BSR/ASTM WK73923-202x, Practice for Establishing an Examination Scheme for Explosive Residues (new standard)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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New Standard

BSR/ASTM WK74138-202x, Guide for Using Micro X-Ray Fluorescence (u-XRF) in Forensic Polymer Examinations (new standard)

https://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

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New Standard

BSR/ASTM WK74146-202x, Practice for Sampling of Solar Photovoltaic Modules for Toxicity Testing (new standard)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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New Standard

BSR/ASTM WK75714-202x, Standard Practice for Creation of Walkway Tribometer Interlaboratory Study Reports and Test Procedures (new standard)

https://www.astm.org/ANSI_SA

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New Standard

BSR/ASTM WK76497-202x, Specification for MRS-Rated Metric- and Inch-Sized Crosslinked Polyethylene (PEX) Pipe for Gas Distribution Applications (new standard)

https://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

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Reaffirmation

BSR/ASTM D3311-2017 (R202x), Specification for Drain, Waste, and Vent (DWV) Plastic Fittings Patterns (reaffirmation of ANSI/ASTM D3311-2017)

https://www.astm.org/ANSI_SA

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Reaffirmation

BSR/ASTM E780-2017 (R202x), Test Method for Measuring the Insulation Resistance of Mineral-Insulated, Metal-Sheathed Thermocouples and Mineral-Insulated, Metal-Sheathed Cable at Room Temperature (reaffirmation of ANSI/ASTM E780-2017)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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Revision

BSR/ASTM D2235-202x, Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings (revision of ANSI/ASTM D2235-2004 (R2016))

https://www.astm.org/ANSI_SA

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Revision

BSR/ASTM D2661-202x, Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings (revision of ANSI/ASTM D2661-2014E1)

https://www.astm.org/ANSI_SA

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Revision

BSR/ASTM D3122-202x, Specification for Solvent Cements for Styrene-Rubber (SR) Plastic Pipe and Fittings (revision of ANSI/ASTM D3122-2015)

https://www.astm.org/ANSI_SA

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Revision

BSR/ASTM D3138-202x, Specification for Solvent Cements for Transition Joints between Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Non-Pressure Piping Components (revision of ANSI/ASTM D3138-2004 (R2016))

https://www.astm.org/ANSI_SA

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Revision

BSR/ASTM D4477-202x, Specification for Rigid (Unplasticized) Poly(Vinyl Chloride) (PVC) Soffit (revision of ANSI/ASTM D4477-2016)

https://www.astm.org/ANSI_SA

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Revision

BSR/ASTM E1652-202x, Specification for Magnesium Oxide and Aluminum Oxide Powder and Crushable Insulators Used in the Manufacture of Base Metal Thermocouples, Metal-Sheathed Platinum Resistance Thermometers, and Noble Metal Thermocouples (revision of ANSI/ASTM E1652-2017)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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Revision

BSR/ASTM E2144-202x, Practice for Personal Sampling and Analysis of Endotoxin in Metalworking Fluid Aerosols in Workplace Atmospheres (revision of ANSI/ASTM E2144-2011 (R2016))

https://www.astm.org/ANSI_SA

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Revision

BSR/ASTM E2148-202x, Guide for Using Documents Related to Metalworking or Metal Removal Fluid Health and Safety (revision of ANSI/ASTM E2148-2016)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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Revision

BSR/ASTM E2657-202x, Practice for Determination of Endotoxin Concentrations in Water-Miscible Metalworking Fluids (revision of ANSI/ASTM E2657-2016)

https://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

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

Revision

BSR/ASTM E2694-202x, Test Method for Measurement of Adenosine Triphosphate in Water-Miscible Metalworking Fluids (revision of ANSI/ASTM E2694-2016)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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Revision

BSR/ASTM F963-202x, Consumer Safety Specification for Toy Safety (revision of ANSI/ASTM F963-2017)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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

Revision

BSR/ASTM F1973-202x, Specification for Factory Assembled Anodeless Risers and Transition Fittings in Polyethylene (PE) and Polyamide 11 (PA11) and Polyamide 12 (PA12) Fuel Gas Distribution Systems (revision of ANSI/ASTM F1973-2013 (R2018))

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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

Revision

BSR/ASTM F2880-202x, Specification for Lap-Joint Type Flange Adapters for Polyethylene Pressure Pipe in Nominal Pipe Sizes 34 in. to 65 in. (revision of ANSI/ASTM F2880-2014)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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Revision

BSR/ASTM F2897-202x, Specification for Tracking and Traceability Encoding System of Natural Gas Distribution Components (Pipe, Tubing, Fittings, Valves, and Appurtenances) (revision of ANSI/ASTM F2897-2015A)

https://www.astm.org/ANSI_SA

Single copy price: Free

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AWS (American Welding Society)

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

New Standard

BSR/AWS B2.5/B2.5M-202x, Specification for Measurement of Welding Power Source Output for Calculation of Welding Procedure Heat Input (new standard)

This document provides methods for the determination of welding heat input, both in the case of traditional welding systems and those employing waveform-controlled welding. It is intended that this specification be referenced by other qualification and fabrication welding standards requiring the measurement and calculation of heat input for maintenance of distortion and weldment properties such as strength, toughness, and corrosion-resistance.

Single copy price: \$25.00

Obtain an electronic copy from: jrosario@aws.org

Order from: Jennifer Rosario; jrosario@aws.org

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AWWA (American Water Works Association)

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

Revision

BSR/AWWA C230-202x, Stainless-Steel Full-Encirclement Repair and Service Connection Clamps for 2-In. through 12-In. (5-mm through 300-mm) Pipe (revision of ANSI/AWWA C230-2016)

This standard describes fabricated full-encirclement stainless-steel repair clamps for use in the repair or tapped service connection of potable water, wastewater, and reclaimed water piping systems.

Single copy price: Free

Obtain an electronic copy from: ETSsupport@awwa.org

Order from: Vicki David; vdavid@awwa.org

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

FCI (Fluid Controls Institute)

1300 Sumner Avenue, Cleveland, OH 44115 | fci@fluidcontrolsinstitute.org, www.fluidcontrolsinstitute.org

New Standard

BSR/FCI 20-1-202x, Standard for Performance Testing Strainers for Liquid Service (new standard)

The purpose of the standard is to provide uniform test procedures to determine the performance of strainers used in liquid service, in particular, the flow versus pressure-loss characteristics and the flow coefficient.

Single copy price: Free

Obtain an electronic copy from: fci@fluidcontrolsinstitute.org

Send comments (copy psa@ansi.org) to: Leslie Schraff, fci@fluidcontrolsinstitute.org

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

Revision

BSR ICEA S-83-596-202x, Standard for Indoor Optical Cable (revision of ANSI/ICEA S-83-596-2016)

This Standard covers fiber optic communications cables intended for use in the buildings of communications users. Materials, constructions, and performance requirements are included in the Standard, together with applicable test procedures. Refer to ICEA S-104-696 for optical fiber communications cables intended for indoor-outdoor use.

Single copy price: \$170.00

Obtain an electronic copy from: khaled.masri@nema.org

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

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Comment Deadline: November 22, 2021

NEMA (National Electrical Manufacturers Association)

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

New Standard

BSR/NEMA IM 60000-202x, Industrial Laminating Thermosetting Products (new standard)

The Scope of this standard publication includes information concerning the manufacture, testing, and performance of laminated thermosetting products in the form of sheets, rods, and tubes. A new format for the Industrial Laminate (Unclad) Standard has been established in which the requirements for the physical and electrical properties of the individual NEMA Grades have been consolidated and placed on individual specification sheets. With this format, all of the information on an individual material will be found in one place.

Single copy price: \$120.00

Obtain an electronic copy from: khaled.masri@nema.org

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NEMA (National Electrical Manufacturers Association)

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

Revision

BSR/NEMA WD6-202x, Wiring Devices - Dimensional Specifications (revision of ANSI/NEMA WD6-2016)

This standard covers dimensional requirements for plugs and receptacles rated up to 60A and 600V. The revision adds standardized dimensions for weight-supporting ceiling receptacles and attachment fittings.

Single copy price: Free

Obtain an electronic copy from: and_moldoveanu@nema.org

Order from: Andrei Moldoveanu; and_moldoveanu@nema.org

Send comments (copy psa@ansi.org) to: Andrei Moldoveanu; and_moldoveanu@nema.org

NSF (NSF International)

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

Revision

BSR/NSF 14-202x (i122r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

This Standard establishes minimum physical, performance, and health-effects requirements for plastic piping system components and related materials. These criteria were established for the protection of public health and the environment.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/60874/14i122r1%20-%20Normative%20References%20-%20JC%20memo%20&%20ballot.pdf

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

Comment Deadline: November 22, 2021

RESNET (Residential Energy Services Network, Inc.)

4867 Patina Court, Oceanside, CA 92057 | rick.dixon@resnet.us, www.resnet.us.com

Reaffirmation

BSR/RESNET 1201-2016 (R202x), Standard Method of Test for the Evaluation of Building Energy Analysis Model Calibration Methods (reaffirmation of ANSI/RESNET 1201-2016)

This standard specifies a method of test for evaluating Calibration Methods that are used to reconcile building energy Models with measured energy consumption data. This standard test procedure applies to Calibration Methods used with computer programs that predict the Energy Performance of buildings.

Single copy price: \$55.00

Obtain an electronic copy from: RESNET's website 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/>

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

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UL (Underwriters Laboratories)

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

Reaffirmation

BSR/UL 1803-2012 (R202x), Standard for Factory Follow-Up on Third Party Certified Portable Fire Extinguishers (October 8, 2021) (reaffirmation of ANSI/UL 1803-2012 (R2017))

This proposal covers: (1) Reaffirmation and continuance of the fourth edition of the Standard for Factory Follow-Up on Third Party Certified Portable Fire Extinguishers, UL 1803, as a standard.

Single copy price: Free

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

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

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

UL (Underwriters Laboratories)

171 Nepean Street, Suite 400, Ottawa, ON K2P 0B4 Canada | sabrina.khreibtov@ul.org, <https://ul.org/>

Revision

BSR/UL 13-202X, Standard for Safety for Power-Limited Circuit Cables (revision of ANSI/UL 13-2020)

(1) Revision of UL 13 standard to include copper-clad aluminum as a conductor option in Class 2 circuit, thermostat cable for 18 AWG HVAC applications.

Single copy price: Free

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

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Comment Deadline: November 22, 2021

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062 | megan.monsen@ul.org, <https://ul.org/>

Revision

BSR/UL 414-202x, Standard for Safety for Meter Sockets (revision of ANSI/UL 414-2020)

This proposal for UL 414 covers: Meter socket adapters for use with distributed generation equipment.

Single copy price: Free

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

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

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UL (Underwriters Laboratories)

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

Revision

BSR/UL 763-202x, Standard for Safety for Motor-Operated Commercial Food Preparing Machines (revision of ANSI/UL 763-2020)

(1) Proposed revision for addition of standard operating controls options; (2) Proposed revision to add references to UL 61800-5-1, Standard for Adjustable Speed Electric Power Drive Systems to replace all references to UL 508C, Standard for Safety for Power Conversion Equipment; (3) Proposed revision to add references to UL 62368-1 as an option to evaluate power supplies, secondary circuits, and of motor-operated commercial food preparing machines; (4) Proposed revision to provide replacement instructions in marking and instruction manual to the appliance provided with a detachable cord set; (5) Proposed revision for addition of Supplement SC, Commercial Food Preparing Machines for Outdoor Use; and (6) Proposed revision to clarify the particular application of the switch requirements and updating the requirements to align with the latest edition of UL 61058 series.

Single copy price: Free

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

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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>

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 | Megan.M.VanHeirseele@ul.org, <https://ul.org/>

Revision

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

(1) Use of orange cable or sleeving on systems of 60 Vdc or higher in 10.2; (2) Clarification of the use and triggering method for internal short circuit trigger cells in C2.1 and C2.2.

Single copy price: Free

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

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Comment Deadline: November 22, 2021

VITA (VMEbus International Trade Association (VITA))

929 W. Portobello Avenue, Mesa, AZ 85210 | jing.kwok@vita.com, www.vita.com

New Standard

BSR/VITA 88.0-202xx, Switched Mezzanine Card Plus (XMC+) Standard (new standard)

This document defines an open standard which provides an alternative option to the VITA 42.0 connector systems. This connector provides support for higher baud rate high-speed serial interfaces. Maximizing footprint compatibility, VITA 88.0 XMC+ supports the widely accepted XMC platform, while updating both electrical and mechanical characteristics in existing and future designs.

Single copy price: \$25.00

Obtain an electronic copy from: admin@vita.com

Send comments (copy psa@ansi.org) to: admin@vita.com

VITA (VMEbus International Trade Association (VITA))

929 W. Portobello Avenue, Mesa, AZ 85210 | jing.kwok@vita.com, www.vita.com

Revision

BSR//VITA 48.0-202x, Mechanical Specification for Microcomputers using Ruggedized Enhanced Design Implementation (REDI) (revision of ANSI/VITA 48.0-2020)

This standard defines a mechanical implementation for plug-in modules. Two types of plug-in modules are defined: Type 1 and Type 2. Both Type 1 and Type 2 plug-in modules take advantage of increased slot pitch to provide enhanced thermal performance and increased structural durability. Type 1 units support two-level maintenance, while Type 2 units do not. This revision adds an allowance for a 100-mm plug-in module depth and allows for additional pitches to be defined in the VITA 48 Dot Standards.

Single copy price: \$25.00

Obtain an electronic copy from: admin@vita.com

Send comments (copy psa@ansi.org) to: admin@vita.com

VITA (VMEbus International Trade Association (VITA))

929 W. Portobello Avenue, Mesa, AZ 85210 | jing.kwok@vita.com, www.vita.com

Revision

BSR/VITA 48.2-202xx, Mechanical Specification for Microcomputers using REDI Conduction Cooling Applied to VITA 46 (revision of ANSI/VITA 48.2-2020)

This standard defines the mechanical requirements that are needed to ensure the mechanical interchangeability of conduction cooled 3U and 6U plug-in modules and defines the features required to achieve two-level maintenance compatibility. This revision adds a 100-mm depth and multiple pitches at 0.2-inch increments.

Single copy price: \$25.00

Obtain an electronic copy from: admin@vita.com

Send comments (copy psa@ansi.org) to: admin@vita.com

Comment Deadline: December 7, 2021

ASME (American Society of Mechanical Engineers)

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

New Standard

BSR/ASME PTC 47.3-202x, Performance Test Code of the Syngas Conditioning Block of an Integrated Gasification Combined Cycle Power Plant (new standard)

The object of this Code is to provide uniform test methods and procedures for the determination of the performance of the Syngas Conditioning Block, which is located between the Gasification Block and the Power Block. This Code evaluates only thermal performance, not regulatory compliance or contaminant removal effectiveness.

Single copy price: Free

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

Send comments (copy psa@ansi.org) to: Donnie Alonzo; dalonzo@asme.org

ASME (American Society of Mechanical Engineers)

Two Park Avenue, 6th Floor, New York, NY 10016-5990 | ansibox@asme.org, www.asme.org

Reaffirmation

BSR/ASME B18.2.1-2012 (R202x), Square, Hex, Heavy Hex, and Askew Head Bolts, and Hex, Heavy Hex, and Hex Flange, Lobed Head, and Lag Screws (Inch Series) (reaffirmation of ANSI/ASME B18.2.1-2012)

This Standard covers the dimensional requirements for nine product types of inch-series bolts and screws.

Single copy price: \$72.00

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

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

ASME (American Society of Mechanical Engineers)

Two Park Avenue, 6th Floor, New York, NY 10016-5990 | ansibox@asme.org, www.asme.org

Reaffirmation

BSR/ASME B18.2.9-2010 (R202x), Straightness Gage and Gaging for Bolts and Screws (reaffirmation of ANSI/ASME B18.2.9-2010 (R2017))

This Standard describes the gage and procedure for checking bolt and screw straightness at maximum material condition (MMC) and provides default limits when not stated in the applicable product standard.

Single copy price: \$39.00

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

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

Comment Deadline: December 7, 2021

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 B18.16M-2004 (R202x), Prevailing-Torque Type Steel Metric Hex Nuts and Hex Flange Nuts (reaffirmation of ANSI/ASME B18.16M-2004 (R2016))

This Standard covers the complete general, dimensional, mechanical, and performance data for metric prevailing-torque hex nuts and hex flange nuts of property classes 5, 9, and 10 as defined in ASTM A563M.

Single copy price: \$39.00

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

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

ASME (American Society of Mechanical Engineers)

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Reaffirmation

BSR/ASME B18.18-2017 (R202x), Quality Assurance for Fasteners (reaffirmation of ANSI/ASME B18.18-2017)

This quality-focused Standard establishes in-process and final inspection requirements for fastener products as well as a receiving inspection plan for fastener purchasers.

Single copy price: \$34.00

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

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

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 B18.31.1M-2008 (R202x), Metric Continuous and Double End Studs (reaffirmation of ANSI/ASME B18.31.1M-2008 (R2016))

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

Single copy price: \$41.00

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

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

ASME (American Society of Mechanical Engineers)

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Reaffirmation

BSR/ASME B29.15M-1997 (R202x), Steel Roller Type Conveyor Chains, Attachments, and Sprocket Teeth (reaffirmation of ANSI/ASME B29.15M-1997 (R2017))

This Standard covers steel-roller-type conveyor chains which is a series of roller links having steel bushings with rollers to contact the sprocket teeth, alternating with links comprised of sidebars and pins, which articulate in the steel bushings of the roller link.

Single copy price: \$43.00

Obtain an electronic copy from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

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

Send comments (copy psa@ansi.org) to: Justin Cassamassino; cassamassinoj@asme.org

Comment Deadline: December 7, 2021

ASME (American Society of Mechanical Engineers)

Two Park Avenue, 6th Floor, New York, NY 10016-5990 | ansibox@asme.org, www.asme.org

Reaffirmation

BSR/ASME B29.22-2001 (R202x), Drop Forged Rivetless Chains, Sprockets Teeth Drive Chain/Drive Dogs (reaffirmation of ANSI/ASME B29.22-2001 (R2016))

This Standard covers a type of chain made from drop forged steel parts that are heat treated and are proportioned for high strength and comparative light weight. The simple design of this type of chain permits assembly or dismantling by hand. This chain is available in three regular types (Regular drop forged rivetless chain, X-type chain, Modified X-type rivetless chain) as illustrated and described. Numerous attachments are available to suit a wide variety of applications including trolley conveyor service.

Single copy price: \$43.00

Obtain an electronic copy from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

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

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ASME (American Society of Mechanical Engineers)

Two Park Avenue, 6th Floor, New York, NY 10016-5990 | ansibox@asme.org, www.asme.org

Reaffirmation

BSR/ASME B29.24-2002 (R202x), Roller Load Chains for Overhead Hoists (reaffirmation of ANSI/ASME B29.24-2002 (R2016))

This Standard covers specialized roller chains that are designed specifically as load chains for use in overhead hoists.

Single copy price: \$42.00

Obtain an electronic copy from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

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

Send comments (copy psa@ansi.org) to: Justin Cassamassino; cassasmassinoj@asme.org

ASME (American Society of Mechanical Engineers)

Two Park Avenue, 6th Floor, New York, NY 10016-5990 | ansibox@asme.org, www.asme.org

Reaffirmation

BSR/ASME B29.100-2011 (R202x), Double-Pitch Roller Chains, Attachments, and Sprockets (reaffirmation of ANSI/ASME B29.100-2011 (R2016))

This Standard covers double-pitch roller chains (and their attachments and sprockets) which consist of series of alternately assembled roller links and pin links in which the pins articulate inside the bushings and the rollers are free to turn on the bushings.

Single copy price: \$111.00

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

Send comments (copy psa@ansi.org) to: Justin Cassamassino; cassasmassinoj@asme.org

Comment Deadline: December 7, 2021

ASME (American Society of Mechanical Engineers)

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Reaffirmation

BSR/ASME B29.200-2001 (R202x), Welded-Steel-Type Mill Chains, Welded-Steel-Type Drag Chains, Attachments, and Sprocket Teeth (reaffirmation of ANSI/ASME B29.200-2001 (R2017))

This Standard covers both the Welded-Steel-Type Mill Chains and Welded-Steel-Type Drag Chains. Both types are a series of identical offset links having barrels to contact the sprocket teeth, and pins which articulate in the barrels of the links. However, the Drag Chains are especially designed to operate closed-end of link forward for maximum push or scraping action against the material to be conveyed.

Single copy price: \$72.00

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

Send comments (copy psa@ansi.org) to: Justin Cassamassino; cassamassinoj@asme.org

ASME (American Society of Mechanical Engineers)

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Stabilized Maintenance

BSR/ASME B18.2.4.3M-1979 (S202x), Metric Slotted Hex Nuts (stabilized maintenance of ANSI/ASME B18.2.4.3M-1979 (R2017))

This standard covers the complete general and dimensional data for metric slotted hex nuts.

Single copy price: \$39.00

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

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

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Stabilized Maintenance

BSR/ASME B18.2.8-1999 (S202x), Clearance Holes for Bolts, Screws, and Studs (stabilized maintenance of ANSI/ASME B18.2.8-1999 (R2017))

This Standard covers the recommended clearance hole sizes for #0 through 1.5 in. and M1.6 through M100 metric fasteners in three classes of clearance, using a close-, normal-, and loose-fit category.

Single copy price: \$39.00

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

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

ASME (American Society of Mechanical Engineers)

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Stabilized Maintenance

BSR/ASME B18.6.1-1981 (S202x), Wood Screws (Inch Series) (stabilized maintenance of ANSI/ASME B18.6.1-1981 (R2016))

This standard covers the complete general and dimensional data for the various types of dotted and recessed head wood screws.

Single copy price: \$42.00

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

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

Comment Deadline: December 7, 2021

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Stabilized Maintenance

BSR/ASME B18.6.8-2010 (S202x), Thumb Screws and Wing Screws (stabilized maintenance of ANSI/ASME B18.6.8-2010 (R2017))

This Standard covers the general and dimensional data for the various types of thumb screws and wing screws.

Single copy price: \$33.00

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

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Stabilized Maintenance

BSR/ASME B18.6.9-2010 (S202x), Wing Nuts (stabilized maintenance of ANSI/ASME B18.6.9-2010 (R2017))

This Standard covers complete general and dimensional data for nine various types and styles of wing nuts, thumb screws, and wing screws.

Single copy price: \$39.00

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

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Stabilized Maintenance

BSR/ASME B18.11-1961 (S202x), Miniature Screws (stabilized maintenance of ANSI/ASME B18.11-1961 (R2017))

This standard establishes head types, their dimensions, and lengths of slotted head miniature screws.

Single copy price: \$39.00

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Stabilized Maintenance

BSR/ASME B18.22M-1981 (S202x), Metric Plain Washers (stabilized maintenance of ANSI/ASME B18.22M-1981 (R2017))

This Standard covers general specifications and dimensions for flat, round hole washers, both soft (as fabricated) and hardened, intended for use in general-purpose applications.

Single copy price: \$39.00

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

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Comment Deadline: December 7, 2021

ASME (American Society of Mechanical Engineers)

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Stabilized Maintenance

BSR/ASME B18.27-1998 (S202x), Tapered and Reduced Cross-Section Retaining Rings (Inch Series) (stabilized maintenance of ANSI/ASME B18.27-1998 (R2017))

This Standard covers complete general and dimensional data for three series of general-purpose tapered and reduced cross-section retaining rings, which may be used with the nominal-size shafts and housings listed and in grooves of the recommended dimensions listed.

Single copy price: \$83.00

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

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

ASME (American Society of Mechanical Engineers)

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Stabilized Maintenance

BSR/ASME B18.29.1-2010 (S202x), Helical Coil Screw Thread Inserts - Free Running and Screw Locking (Inch Series) (stabilized maintenance of ANSI/ASME B18.29.1-2010 (R2017))

This Standard delineates the dimensional data for the inch-series helical coil screw thread inserts and the threaded holes into which they are installed. Both free-running and screw-locking types having unified fine and unified coarse thread series from size #1 through 1-1/2 in. are covered.

Single copy price: \$43.00

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

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

ASME (American Society of Mechanical Engineers)

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Stabilized Maintenance

BSR/ASME B18.29.2M-2005 (S202x), Helical Coil Screw Thread Inserts: Free Running and Screw Locking (Metric Series) (stabilized maintenance of ANSI/ASME B18.29.2M-2005 (R2017))

This Standard delineates the dimensional, mechanical, and performance data for the metric series helical-coil screw thread insert and threaded hole into which it is installed.

Single copy price: \$39.00

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

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

Comment Deadline: December 7, 2021

ASME (American Society of Mechanical Engineers)

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

Stabilized Maintenance

BSR/ASME B27.6-1972 (S202x), General Purpose Uniform Cross Section Spiral Retaining Rings (stabilized maintenance of ANSI/ASME B27.6-1972 (R2017))

This standard is intended to cover complete general and dimensional data for two series of general-purpose uniform cross-section spiral retaining rings which may be used with the nominal-size shafts and housings listed and in grooves of the recommended dimensions listed.

Single copy price: \$39.00

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

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

ASME (American Society of Mechanical Engineers)

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Stabilized Maintenance

BSR/ASME B27.7-1977 (S202x), General Purpose Tapered and Reduced Cross Section Retaining Rings (Metric) (stabilized maintenance of ANSI/ASME B27.7-1977 (R2017))

This standard is intended to cover complete general and dimensional data for three series of general-purpose tapered and reduced cross-section retaining rings which may be used with the nominal size shafts and housings listed and in grooves of the recommended dimensions listed.

Single copy price: \$39.00

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

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ASME (American Society of Mechanical Engineers)

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Withdrawal

ANSI/ASME B18.2.3.5M-1979 (R2016), Metric Hex Bolts (withdrawal of ANSI/ASME B18.2.3.5M-1979 (R2016))

This standard covers the complete general and dimensional data for metric hex bolts.

Single copy price: \$39.00

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

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

Comment Deadline: December 7, 2021

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

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

National Adoption

INCITS/ISO/IEC 8824-1:2021 [202x], Information technology - Abstract Syntax Notation One (ASN.1) - Part 1: Specification of basic notation (identical national adoption of ISO/IEC 8824-1:2021 and revision of INCITS/ISO/IEC 8824-1:2015 [2019])

This document provides a standard notation called Abstract Syntax Notation One (ASN.1) that is used for the definition of data types, values, and constraints on data types. This document defines a number of simple types, with their tags, and specifies a notation for referencing these types and for specifying values of these types; defines mechanisms for constructing new types from more basic types; and specifies a notation for defining such types and assigning them tags, and for specifying values of these types; defines character sets (by reference to other Recommendations and/or International Standards) for use within ASN.1.

Single copy price: \$250.00

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National Adoption

INCITS/ISO/IEC 8824-2:2021 [202x], Information technology - Abstract Syntax Notation One (ASN.1) - Part 2: Information object specification (identical national adoption of ISO/IEC 8824-2:2021 and revision of INCITS/ISO/IEC 8824-2:2015 [2019])

This document is part of Abstract Syntax Notation One (ASN.1) and provides notation for specifying information object classes, information objects, and information object sets.

Single copy price: \$175.00

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National Adoption

INCITS/ISO/IEC 8824-3:2021 [202x], Information technology - Abstract Syntax Notation One (ASN.1) - Part 3: Constraint specification (identical national adoption of ISO/IEC 8824-3:2021 and revision of INCITS/ISO/IEC 8824-3:2015 [2019])

This document is part of Abstract Syntax Notation One (ASN.1) and provides notation for specifying user-defined constraints, table constraints, and contents constraints.

Single copy price: \$73.00

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National Adoption

INCITS/ISO/IEC 8824-4:2021 [202x], Information technology - Abstract Syntax Notation One (ASN.1) - Part 4: Parameterization of ASN.1 specifications (identical national adoption of ISO/IEC 8824-4:2021 and revision of INCITS/ISO/IEC 8824-4:2015 [2019])

This document is part of Abstract Syntax Notation One (ASN.1) and defines notation for parameterization of ASN.1 specifications.

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National Adoption

INCITS/ISO/IEC 8825-1:2021 [202x], Information technology - ASN.1 encoding rules - Part 1: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER) (identical national adoption of ISO/IEC 8825-1:2021 and revision of INCITS/ISO/IEC 8825-1:2015 [2019])

Document specifies a set of basic encoding rules that may be used to derive the specification of a transfer syntax for values of types defined using the notation specified in Rec. ITU-T X.680 | ISO/IEC 8824-1, Rec. ITU-T X.681 | ISO/IEC 8824-2, Rec. ITU-T X.682 | ISO/IEC 8824-3, and Rec. ITU-T X.683 | ISO/IEC 8824-4, collectively referred to as Abstract Syntax Notation One or ASN.1. These basic encoding rules are also to be applied for decoding such a transfer syntax in order to identify the data values being transferred. It also specifies a set of canonical and distinguished encoding rules that restrict the encoding of values to just one of the alternatives provided by the basic encoding rules.

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National Adoption

INCITS/ISO/IEC 8825-2:2021 [202x], Information technology - ASN.1 encoding rules - Part 2: Specification of Packed Encoding Rules (PER) (identical national adoption of ISO/IEC 8825-2:2021 and revision of INCITS/ISO/IEC 8825-2:2015 [2019])

Specifies a set of Packed Encoding Rules that may be used to derive a transfer syntax for values of types defined in Rec. ITU-T X.680 | ISO/IEC 8824-1. These Packed Encoding Rules are also to be applied for decoding such a transfer syntax in order to identify the data values being transferred.

Single copy price: \$225.00

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National Adoption

INCITS/ISO/IEC 8825-3:2021 [202x], Information technology - ASN.1 encoding rules - Part 3: Specification of Encoding Control Notation (ECN) (identical national adoption of ISO/IEC 8825-3:2021 and revision of INCITS/ISO/IEC 8825-3:2015 [2019])

Defines a notation for specifying encodings of ASN.1 types or of parts of types. It provides several mechanisms for such specification, including: direct specification of the encoding using standardized notation; specification of the encoding by reference to standardized encoding rules; specification of the encoding of an ASN.1 type by reference to an encoding structure; and specification of the encoding using non-ECN notation.

Single copy price: \$250.00

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National Adoption

INCITS/ISO/IEC 8825-4:2021 [202x], Information technology - ASN.1 encoding rules - Part 4: XML Encoding Rules (XER) (identical national adoption of INCITS/ISO/IEC 8825-4:2021 and revision of INCITS/ISO/IEC 8825-4:2015 [2019])

Specifies a set of basic XML Encoding Rules (BASIC-XER) that may be used to derive a transfer syntax for values of types defined in Rec. ITU-T X.680 | ISO/IEC 8824-1 and Rec. ITU-T X.681 | ISO/IEC 8824-2. This document also specifies a set of Canonical XML Encoding Rules (CXER) which provide constraints on the basic XML Encoding Rules and produce a unique encoding for any given ASN.1 value. This document further specifies a set of extended XML Encoding Rules (EXTENDED-XER) which adds further encoders options, and also allows the ASN.1 specifier to vary the encoding that would be produced by BASIC-XER. It is implicit in the specification of these encoding rules that they are also used for decoding.

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National Adoption

INCITS/ISO/IEC 8825-5:2021 [202x], Information technology - ASN.1 encoding rules - Part 5: Mapping W3C XML schema definitions into ASN.1 (identical national adoption of ISO/IEC 8825-5:2021)

Document specifies two versions of a mapping from any XSD Schema into an Abstract Syntax Notation One (ASN.1) schema. The ASN.1 schema for both versions support the same semantics and validate the same set of XML documents. This document specifies the final XER encoding instructions that are to be applied as part of the defined mapping to ASN.1 types, but does not specify which syntactic form is to be used for the specification of those final XER encoding instructions, or the order or manner of their assignment.

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National Adoption

INCITS/ISO/IEC 8825-6:2021 [202x], Information technology - ASN.1 encoding rules - Part 6: Registration and application of PER encoding instructions (identical national adoption of ISO/IEC 8825-6:2021)

This document: (a) specifies the information needed and the format to be used for specifying PER encoding instructions; (b) specifies the mechanisms for approving new PER encoding instructions from time to time and the operation of the Registration Authority for PER encoding instructions; and (c) specifies the means of associating a PER encoding instruction with an ASN.1 type using both type of prefixes and an encoding control section.

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National Adoption

INCITS/ISO/IEC 8825-7:2021 [202x], Information technology - ASN.1 encoding rules - Part 7: Specification of Octet Encoding Rules (OER) (identical national adoption of ISO/IEC 8825-7:2021)

Specifies a set of Basic Octet Encoding Rules (BASIC-OER) that may be used to derive a transfer syntax for values of the types defined in Rec. ITU-T X.680 | ISO/IEC 8824-1, Rec. ITU-T X.681 | ISO/IEC 8824-2, Rec. ITU-T X.682 | ISO/IEC 8824-3, Rec. ITU-T X.683 | ISO/IEC 8824-4. This document also specifies a set of Canonical Octet Encoding Rules (CANONICAL-OER) which provides constraints on the Basic Octet Encoding Rules and produces a unique encoding for any given ASN.1 value. It is implicit in the specification of these encoding rules that they are also to be used for decoding.

Single copy price: \$149.00

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National Adoption

INCITS/ISO/IEC 8825-8:2021 [202x], Information technology - ASN.1 encoding rules - Part 8: Specification of JavaScript Object Notation Encoding Rules (JER) (identical national adoption of ISO/IEC 8825-8:2021)

Specifies a set of JavaScript Object Notation Encoding Rules (JER) that may be used to derive a transfer syntax for values of types defined in Rec. ITU-T X.680 | ISO/IEC 8824-1, Rec. ITU-T X.681 | ISO/IEC 8824-2, Rec. ITU-T X.682 | ISO/IEC 8824-3, and Rec. ITU-T X.683 | ISO/IEC 8824-4. It is implicit in the specification of these encoding rules that they are also to be used for decoding. The encoding rules specified in this document: are used at the time of communication; are intended for use in circumstances where interoperability with applications using JSON is the major concern in the choice of encoding rules; allow the extension of an abstract syntax by addition of extra values for all forms of extensibility described in Rec. ITU-T X.680 | ISO/IEC 8824-1.

Single copy price: \$175.00

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National Adoption

INCITS/ISO/IEC 18477-2:2016 [202x], Information technology - Scalable compression and coding of continuous-tone still images - Part 2: Coding of high dynamic range images (identical national adoption of ISO/IEC 18477-2:2016)

Specifies a coding format, referred to as JPEG XT, which is designed primarily for continuous-tone photographic content.

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National Adoption

INCITS/ISO/IEC 18477-3:2015 [202x], Information technology - Scalable compression and coding of continuous-tone still images - Part 3: Box file format (identical national adoption of ISO/IEC 18477-3:2015)

Specifies a coding format, referred to as JPEG XT, which is designed primarily for continuous-tone photographic content.

Single copy price: \$200.00

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National Adoption

INCITS/ISO/IEC 18477-6:2016 [202x], Information technology - Scalable compression and coding of continuous-tone still images - Part 6: IDR Integer Coding (identical national adoption of ISO/IEC 18477-6:2016)

Specifies a coding format, referred to as JPEG XT, which is designed primarily for continuous-tone photographic content.

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National Adoption

INCITS/ISO/IEC 18477-9:2016 [202x], Information technology - Scalable compression and coding of continuous-tone still images - Part 9: Alpha channel coding (identical national adoption of ISO/IEC 18477-9:2016)
Specifies a coding format, referred to as JPEG XT, which is designed primarily for continuous-tone photographic content.

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National Adoption

INCITS/ISO/IEC 29183:2021 [202x], Information technology - Office equipment - Method for measuring digital copying productivity for a single one-sided original (identical national adoption of ISO/IEC 29183:2021 and revision of INCITS/ISO/IEC 29183:2010 [R2021])
Specifies a method for measuring productivity of digital copying devices and multifunctional devices with various copying modes and a single one-sided original. The document is applicable to digital copying devices and multifunctional devices. The document is intended to be used for black and white (B&W) as well as colour digital copying devices and multifunctional devices of any underlying marking technology. This document includes instructions for the creation of test charts, test setup procedure, test procedure, and the reporting requirements for the digital copying productivity measurements.

Single copy price: \$175.00

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UL (Underwriters Laboratories)

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

New Standard

BSR/UL 258-202x, Standard for Safety for Shutoff Valves for Trim and Drain Purposes for Fire Protection Service (new standard)

The requirements of this proposed first edition cover shutoff valves for trim and drain purposes for fire protection service. This standard covers valve constructions such as ball valves, butterfly valves, globe valves, and plug valves. These valves are intended for installation and use in accordance with the following standards: Low Expansion Foam, NFPA 11; Sprinkler Systems, NFPA 13; Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, NFPA 13D; Sprinkler Systems in Low-Rise Residential Occupancies, NFPA 13R; Standpipe and Hose Systems, NFPA 14; Water Spray Fixed Systems for Fire Protection, NFPA 15; and Stationary Pumps for Fire Protection, NFPA 20.

Single copy price: Free

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

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Technical Reports Registered with ANSI

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New Technical Report

INCITS/ISO/IEC TS 27034-5-1:2018 [2021], Information Technology - Application Security - Part 5-1: Protocols and Application Security Controls Data Structure, XML Schemas, a Technical Specification prepared by INCITS and registered with ANSI (technical report)

Defines XML Schemas that implement the minimal set of information requirements and essential attributes of ASCs and the activities and roles of the Application Security Life Cycle Reference Model (ASLCRM) from ISO/IEC 27034-5.

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

New Technical Report

INCITS/ISO/IEC TR 30132-1:2016 [2021], Information technology - Information technology sustainability - Energy efficient computing models - Part 1: Guidelines for energy effectiveness evaluation (technical report)

Establishes guidelines for improving the energy effectiveness for computing models. Specifically, this document provides a reference computing model for evaluating end-to-end energy effectiveness, a holistic framework for evaluating the applicability of energy effectiveness improving technologies, and guidelines for evaluating energy effectiveness.

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New Technical Report

INCITS/ISO/IEC TS 19249:2017 [2021], Information Technology - Security Techniques - Catalogue of Architectural and Design Principles for Secure Products, Systems and Applications, a Technical Specification prepared by INCITS and registered with ANSI (technical report)

Provides a catalogue of architectural and design principles that can be used in the development of secure products, systems and applications together with guidance on how to use those principles effectively. Gives guidelines for the development of secure products, systems and applications including a more effective assessment with respect to the security properties they are supposed to implement.

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New Technical Report

INCITS/ISO/IEC TS 19608:2018 [2021], Guidance for Developing Security and Privacy Functional Requirements Based on ISO/IEC 15408, a Technical Specification prepared by INCITS and registered with ANSI (technical report) Provides guidance for selecting and specifying security functional requirements (SFRs) from ISO/IEC 15408-2 to protect Personally Identifiable Information (PII); the procedure to define both privacy and security functional requirements in a coordinated manner; and developing privacy functional requirements as extended components based on the privacy principles defined in ISO/IEC 29100 through the paradigm described in ISO/IEC 15408-2.

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New Technical Report

INCITS/ISO/IEC TS 20540:2018 [2021], Information Technology - Security Techniques - Testing Cryptographic Modules In Their Operational Environment, a Technical Specification prepared by INCITS and registered with ANSI (technical report) Provides recommendations and checklists which can be used to support the specification and operational testing of cryptographic modules in their operational environment within an organization's security system. The cryptographic modules have four security levels which ISO/IEC 19790 defines to provide for a wide spectrum of data sensitivity (e.g., low-value administrative data, million-dollar funds transfers, life-protecting data, personal identity information, and sensitive information used by government) and a diversity of application environments (e.g., a guarded facility, an office, removable media, and a completely unprotected location).

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New Technical Report

INCITS/ISO/IEC TR 20913:2016 [2021], Information technology - Data centres - Guidelines on holistic investigation methodology for data centre key performance indicators (technical report) Describes backgrounds, motivation, and general concept of holistic methodology for data centre key performance indicators (KPIs) to investigate the status of KPIs. It discusses the usefulness of holistic investigation methodology in terms of aggregating a KPI across different contexts, aggregation of two or more KPIs within a single context, aggregation of two or more KPIs across multiple contexts, and aggregation of the multiple KPIs into a single indicator.

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New Technical Report

INCITS/ISO/IEC TR 23050:2019 [2021], Information technology - Data centres - Impact on data centre resource metrics of electrical energy storage and export (technical report) Describes the treatment of data centre metrics in circumstances where electrical energy is stored and exported from within the data centre boundaries of other standards in the ISO/IEC 30134 series. This document specifies the Excess Electrical Energy Factor (XEEF) as a Key Performance Indicator (KPI) to quantify the electrical energy provided back from data centre to the utility. This document has the structure common to the standards of the ISO/IEC 30134 series.

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New Technical Report

INCITS/ISO/IEC TS 27008:2019 [2021], Information Technology - Security Techniques - Guidelines for the Assessment of Information Security Controls, a Technical Specification prepared by INCITS and registered with ANSI (technical report)

Provides guidance on reviewing and assessing the implementation and operation of information security controls, including the technical assessment of information system controls, in compliance with an organization's established information security requirements including technical compliance against assessment criteria based on the information security requirements established by the organization.

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New Technical Report

INCITS/ISO/IEC TR 27016:2014 [2021], Information Technology - Security Techniques - Information Security Management - Organizational Economics, a Technical Report prepared by INCITS and registered with ANSI (technical report)

Provides guidelines on how an organization can make decisions to protect information and understand the economic consequences of these decisions in the context of competing requirements for resources. Is applicable to all types and sizes of organizations and provides information to enable economic decisions in information security management by top management who have responsibility for information security decisions.

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New Technical Report

INCITS/ISO/IEC TR 27023:2015 [2021], Information Technology - Security Techniques - Mapping the Revised Editions of ISO/IEC 27001 and ISO/IEC 27002, a Technical Report prepared by INCITS and registered with ANSI (technical report)

Show the corresponding relationship between the revised versions of ISO/IEC 27001 and ISO/IEC 27002 and will be useful to all users migrating from the 2005 to the 2013 versions of ISO/IEC 27001 and ISO/IEC 27002.

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New Technical Report

INCITS/ISO/IEC TR 27103:2018 [2021], Information Technology - Security Techniques - Cybersecurity and ISO and IEC Standards, a Technical Report prepared by INCITS and registered with ANSI (technical report)

Provides guidance on how to leverage existing standards in a cybersecurity framework.

Project Withdrawn

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

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201-3001 | kbest@ahrinet.org, www.ahrinet.org

BSR/AHRI Standard 340/360 (I-P)-202x, Performance Rating of Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment (revision and redesignation of ANSI/AHRI Standard 340/360 with Addenda 1 and 2 -2011)

Inquiries may be directed to Karl Best; kbest@ahrinet.org

ESTA (Entertainment Services and Technology Association)

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

BSR/E1.65-202x, Recommended practice for the periodic inspection, testing, and maintenance of electrical and electronic equipment used in the entertainment and live event industries (new standard)

Inquiries may be directed to Karl Ruling; standards@esta.org.

Notice of Withdrawal: ANS at least 10 years past approval date

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI N42.45-2010, Standard for Evaluating the Image Quality of X-Ray Computed Tomography (CT) Security-Screening Systems

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI N42.47-2010, Measuring the Imaging Performance of X-Ray and Gamma-Ray Systems for Security Screening of Humans

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI N42.49A-2010, Performance Criteria for Alarming Electronic Personal Emergency Radiation Detectors (PERDs) for Exposure Control

Notice of Withdrawal: ANS at least 10 years past approval date

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE 67-2005 (R2010), Guide for Operation and Maintenance of Turbine Generators

Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE 82-2002 (R2009), Standard Test Procedure for Impulse Voltage Tests on Insulated Conductors

Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE 101-1995 (R2010), IEEE Guide for the Statistical Analysis of Thermal Life Test Data

Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

IEEE (Institute of Electrical and Electronics Engineers)

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ANSI/IEEE 101-1995 (R2010), IEEE Guide for the Statistical Analysis of Thermal Life Test Data

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ANSI/IEEE 1568-2003 (R2010), Recommended Practice for Electrical Sizing of Nickel-Cadmium Batteries for Rail Passenger Vehicles

Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

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ANSI/IEEE 1580-2010, Recommended Practice for Marine Cable for Use on Shipboard and Fixed or Floating Facilities

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IEEE (Institute of Electrical and Electronics Engineers)

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ANSI/IEEE 1597.2-2010, Recommended Practice for Validation of Computational Electromagnetics Computer Modeling and Simulations

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IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE 1609.3-2010, Standard for Wireless Access in Vehicular Environments (WAVE) - Networking Services
Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

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445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE 1609.11-2010, Standard for Wireless Access in Vehicular Environments (WAVE) - Over-the-Air
Electronic Payment Data Exchange Protocol for Intelligent Transportation Systems (ITS)
Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

IEEE (Institute of Electrical and Electronics Engineers)

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ANSI/IEEE 1613a-2011, Standard Environmental and Testing Requirements for Communications Networking
Devices Installed in Electric Power Substations - Amendment: Adding of One Definition, DC Power Supply
Requirements (5.1), and Annex E- History
Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE 1616-2004 (R2010), Standard for Motor Vehicle Event Data Recorder (MVEDR)
Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

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445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE 1619.2-2010, Standard for Wide-Block Encryption for Shared Storage Media
Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE 1623-2004 (R2010), Guide for the Functional Specification of Medium Voltage (1 kV - 35 kV) Electronic
Shunt Devices for Dynamic Voltage Compensation
Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE 1636.2-2010, Standard for Software Interface for Maintenance Information Collection and Analysis
(SIMICA): Exchanging Maintenance Action Information via the Extensible Markup Language (XML)
Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

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445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE 1651-2010, Guide for Reducing Bird-Related Outages

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ANSI/IEEE 1656-2010, Guide for Testing the Electrical, Mechanical, and Durability Performance of Wildlife Protective Devices on Overhead Power Distribution Systems Rated up to 38 kV

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ANSI/IEEE 1671-2010, Standard for Automatic Test Markup Language (ATML) for Exchanging Automatic Test Equipment and Test Information via XML

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ANSI/IEEE 1676-2010, Guide for Control Architecture for High Power Electronics (1 MW and Greater) Used in Electric Power Transmission and Distribution Systems

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ANSI/IEEE 1679-2010, Recommended Practice for the Characterization and Evaluation of Emerging Energy Storage Technologies in Stationary Applications

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445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE 1698-2009, Guide for the Calculation of Braking Distances for Rail Transit Vehicles

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445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE 1701-2011, Standard for Optical Port Communication Protocol to Complement the Utility Industry End Device Data Tables

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ANSI/IEEE 1702-2011, Standard for Telephone Modem Communication Protocol to Complement the Utility Industry End Device Data Tables

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ANSI/IEEE 1709-2010, Recommended Practice for 1 to 35kV Medium Voltage DC Power Systems on Ships

Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

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445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE 1730-2010, Recommended Practice for Distributed Simulation Engineering and Execution Process

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445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE 1775-2010, Standard for Powerline Communication Equipment - Electromagnetic Compatibility (EMC) Requirements - Testing and Measurement Methods

Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

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ANSI/IEEE 1808-2011, Guide for Collecting and Managing Transmission Line Inspection and Maintenance Data

Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

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ANSI/IEEE 1815-2010, Standard for Electric Power Systems Communications - Distributed Network Protocol (DNP3)

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445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE 1850-2010, Standard for Property Specification Language (PSL)

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445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE 1888-2011, Standard for Ubiquitous Green Community Control Network Protocol

Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE 1900.6-2011, Standard for Spectrum Sensing Interfaces and Data Structures for Dynamic Spectrum Access and Other Advanced Radio Communication Systems

Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

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445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE 3007.1-2010, Recommended Practice for Operation and Management of Industrial and Commercial Power Systems

Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

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ANSI/IEEE 3007.2-2010, Recommended Practice for the Maintenance of Industrial and Commercial Power Systems

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445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE 11073-10420-2010, Health Informatics - Personal Health Device Communication - Device Specialization - Body Composition Analyzer

Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

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ANSI/IEEE 11073-10421-2010, Health Informatics - Personal Health Device Communication - Device Specialization - Peak Expiratory Flow Monitor (Peak Flow)

Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

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ANSI/IEEE 11073-20601a-2010, Health Informatics - Personal Health Device Communication - Part 20601: Application Profile - Optimized Exchange Protocol - Amendment 1

Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

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ANSI/IEEE 16326-2009, Standard for Software Engineering - Project Management

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ANSI/IEEE C37.09b-2010, Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis - Amendment 2: To Change the Description of Transient Recovery Voltage for Harmonization with IEC 62271-100

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ANSI/IEEE C37.13.1a-2010, Standard for Definite-Purpose Switching Devices for Use in Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear - Amendment: Revise Short-Circuit Rating and Test Requirement

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445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE C37.015-2009, Guide for the Application of Shunt Reactor Switching

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445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE C37.017-2010, Standard for Bushings for High-Voltage (Over 1000 Volts AC) Circuit Breakers and Gas-Insulated Switchgear

Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

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ANSI/IEEE C37.21-2005 (R2010), IEEE Standard for Control Switchboards

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445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE C37.46-2010, Standard Specifications for High-Voltage (> 1000 V) Expulsion and Current-Limiting Power Class Fuses and Fuse Disconnecting Switches

Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

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IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE C37.48-2004 (R2010), IEEE Guide for the Application, Operation, and Maintenance of High-Voltage Fuses, Distribution-Enclosed Single-Pole Air Switches, Fuse Disconnecting Switches, and Accessories
Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE C37.81-1989 (R2009), Guide for Seismic Qualification of Class 1E Metal-Enclosed Power Switchgear Assemblies
Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

IEEE (Institute of Electrical and Electronics Engineers)

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ANSI/IEEE C37.82-1987 (R2009), Standard for the Qualification of Switchgear Assemblies for Class 1E Applications in Nuclear Power Generating Stations
Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE C37.93-2004 (R2010), Guide for Power System Protective Relay Applications of Audio Tones Over Voice Grade Channels
Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

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445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE C37.110-2007/Cor 1-2010, IEEE Guide for the Application of Current Transformers Used for Protective Relaying Purposes - Corrigendum 1: Corrections to Equation 18 and Equation 19
Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

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445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE C37.122-2010, Standard for High Voltage Gas-Insulated Substations Rated Above 52 kV
Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

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445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE C50.12-2005 (R2010), Standard for Salient-Pole 50-Hz and 60-Hz Synchronous Generators and Generator/Motors for Hydraulic Turbine Applications Rated 5 MVA and Above
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ANSI/IEEE C50.13-2005 (R2010), Standard for Cylindrical-Rotor 50-Hz and 60-Hz Synchronous Generators Rated 10 MVA and Above

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ANSI/IEEE C57.12.10-2011, Standard Requirements for Liquid-Immersed Power Transformers

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445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE C57.12.30-2010, Standard for Pole-Mounted Equipment - Enclosure Integrity for Coastal Environments

Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org.

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ANSI/IEEE C57.12.31-2010, Standard for Pole-Mounted Equipment - Enclosure Integrity

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ANSI/IEEE C57.12.60-2009, Standard Test Procedure for Thermal Evaluation of Insulation Systems for Dry-Type Power and Distribution Transformers, Including Open-Wound, Solid-Cast and Resin-Encapsulated Transformers

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ANSI/IEEE C57.12.80-2010, Standard Terminology for Power and Distribution Transformers

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ANSI/IEEE C57.13.2-2005 (R2010), Standard Conformance Test Procedure for Instrument Transformers

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ANSI/IEEE C57.13.6-2005 (R2010), Standard for High-Accuracy Instrument Transformers

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ANSI/IEEE C57.19.00-2004 (R2010), IEEE Standard General Requirements and Test Procedures for Power Apparatus Bushings

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ANSI/IEEE C57.113-2010, Recommended Practice for Partial Discharge Measurement in Liquid-Filled Power Transformers and Shunt Reactors

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ANSI/IEEE C57.123-2010, Guide for Transformer Loss Measurement

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ANSI/IEEE C57.142-2010, Guide to Describe the Occurrence and Mitigation of Switching Transients Induced by Transformer, Switching Device, and System Interaction

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ANSI/IEEE C57.144-2004 (R2010), Guide for Metric Conversion of Transformer Standards

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ANSI/IEEE C62.35-2010, Standard Test Methods for Avalanche Junction Semiconductor Surge-Protective Device Components

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ANSI/IEEE C62.37-1996 (R2010), Standard Test Specification for Thyristor Diode Surge-Protective Devices

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445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

ANSI/IEEE C62.43-2005 (R2010), IEEE Guide for the Application of Surge Protectors Used in Low-Voltage (Equal to or Less than 1000 V, rms, or 1200 V, DC) Data, Communications, and Signaling Circuits

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ANSI/IEEE C62.62-2010, Standard Test Specifications for Surge-Protective Devices (SPDs) for Use on the Load Side of the Service Equipment in Low Voltage (1000 V and less) AC Power Circuits

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ANSI/IEEE C95.3.1-2010, Recommended Practice for Measurements and Computations of Electric, Magnetic, and Electromagnetic Fields with Respect to Human Exposure to Such Fields, 0 - 100 kHz

Inquiries may be directed to Karen Evangelista, (732) 562-3854, k.evangelista@ieee.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 22201-3001 | kbest@ahrinet.org, www.ahrinet.org

ANSI/AHRI Standard 340/360 with Addenda 1 and 2-2011, Performance Rating of Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment

Questions may be directed to: Karl Best; kbest@ahrinet.org.

HL7 (Health Level Seven)

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

ANSI/HL7 V3 ME DKBQ, R1-2012 (R2017), HL7 Version 3 Standard: Medication; Knowledge-Base Query, Release 1

Questions may be directed to: Karen Van Hentenryck; Karenvan@HL7.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.

APTech (ASC CGATS) (Association for Print Technologies)

1896 Preston White Drive, Reston, VA 20191 | dorf@aptech.org, www.printtechnologies.org

Reaffirmation

ANSI/CGATS/ISO 15930-4-2004 (R2021), Graphic technology - Prepress digital data exchange using PDF - Part 4: Complete exchange of CMYK and spot colour printing data using PDF 1.4 (PDF/X-1a) (reaffirm a national adoption ANSI/CGATS/ISO 15930-4-2004 (R2018)) Final Action Date: 9/27/2021

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, Saint Joseph, MI 49085 | walsh@asabe.org, https://www.asabe.org/

New Standard

ANSI/ASABE/ASHRAE EP653 MONYEAR-2021, Heating, Ventilating, and Air Conditioning (HVAC) for Indoor Plant Environments without Sunlight (new standard) Final Action Date: 10/4/2021

ASC X9 (Accredited Standards Committee X9, Incorporated)

275 West Street, Suite 107, Annapolis, MD 21401 | Ambria.frazier@x9.org, www.x9.org

Revision

ANSI X9.24-2-2021, Retail Financial Services - Symmetric Key Management - Part 2: Using Asymmetric Techniques for the Distribution of Symmetric Keys (revision of ANSI X9.24-2-2016) Final Action Date: 9/30/2021

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

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

Addenda

ANSI/ASHRAE Addendum 62.1g-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019) Final Action Date: 9/30/2021

Addenda

ANSI/ASHRAE Addendum aa to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019) Final Action Date: 9/30/2021

Addenda

ANSI/ASHRAE Addendum e to ANSI/ASHRAE Standard 188-2021, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2018) Final Action Date: 9/30/2021

Addenda

ANSI/ASHRAE Addendum v to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019) Final Action Date: 9/30/2021

Addenda

ANSI/ASHRAE Addendum w to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019) Final Action Date: 9/30/2021

Addenda

ANSI/ASHRAE Addendum z to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019) Final Action Date: 9/30/2021

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

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

Addenda

ANSI/ASHRAE/IES Addendum aj to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019) Final Action Date: 9/30/2021

Addenda

ANSI/ASHRAE/IES Addendum ak to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019) Final Action Date: 9/30/2021

Addenda

ANSI/ASHRAE/IES Addendum an to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019) Final Action Date: 9/30/2021

Addenda

ANSI/ASHRAE/IES Addendum ao to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019) Final Action Date: 9/30/2021

Addenda

ANSI/ASHRAE/IES Addendum b to ANSI/ASHRAE/IES Standard 100-2018, Energy Efficiency in Existing Buildings (addenda to ANSI/ASHRAE/IES Standard 100-2018) Final Action Date: 9/30/2021

Reaffirmation

ANSI/ASHRAE Standard 215-2018 (R2021), Method of Test to Determine Leakage of Operating HVAC Air-Distribution Systems (reaffirmation of ANSI/ASHRAE Standard 215-2018) Final Action Date: 9/30/2021

AWS (American Welding Society)

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

Reaffirmation

ANSI/AWS C3.7M/C3.7-2011 (R2021), Specification for Aluminum Brazing (reaffirmation of ANSI/AWS C3.7M/C3.7-2011) Final Action Date: 9/28/2021

AWWA (American Water Works Association)

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

Revision

ANSI/AWWA E103-2021, Horizontal Centrifugal and Vertical Line-Shaft Pumps (revision of ANSI/AWWA E103-2015) Final Action Date: 9/28/2021

CSA (CSA America Standards Inc.)

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

Reaffirmation

ANSI Z21.11.3-2016 (R2021), Gas-fired room heaters, volume III, propane-fired portable emergency use heater systems (reaffirmation of ANSI Z21.11.3-2016) Final Action Date: 9/28/2021

Reaffirmation

ANSI Z21.76-2016 (R2021), Gas-fired unvented catalytic room heaters for use with propane gas (reaffirmation of ANSI Z21.76-2016) Final Action Date: 9/28/2021

CTA (Consumer Technology Association)

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

** Revision*

ANSI/CTA 2037-C-2021, Determination of Television Set Power Consumption (revision and redesignation of ANSI/CTA 2037-B-2018) Final Action Date: 9/30/2021

DirectTrust (DirectTrust.org, Inc.)

1629 K Street NW, Suite 300, Washington, DC 20006 | standards@directtrust.org, www.DirectTrust.org

New Standard

ANSI/DS2019-02-100-2021, Trusted Instant Messaging Plus (TIM+) Applicability Statement (new standard) Final Action Date: 9/30/2021

HI (Hydraulic Institute)

6 Campus Drive, 1st Floor North, Parsippany, NJ 07054 | pgraydon@pumps.org, www.pumps.org

Revision

ANSI/HI 9.1-9.5-2021, HI 9.1-9.5 Pumps - General Guidelines (revision of ANSI/HI 9.1-9.5-2015) Final Action Date: 9/28/2021

NSF (NSF International)

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

Addenda

ANSI/NSF/CAN 600-2021 (i6r1), 600-2021 Addendum (addenda to ANSI/NSF/CAN 600-2021) Final Action Date: 9/27/2021

Revision

ANSI/NSF 14-2021 (i112r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020) Final Action Date: 9/30/2021

Revision

ANSI/NSF/CAN 61-2021 (i157r2), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2020) Final Action Date: 9/28/2021

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201-2598 | standards-process@tiaonline.org, www.

Revision

ANSI/TIA 4957.210-B-2021, TR-51 Multi-hop Sublayer Specification - Extension on Field Area Networks (revision and redesignation of ANSI/TIA 4957.210-A-2017) Final Action Date: 9/27/2021

UL (Underwriters Laboratories)

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

Reaffirmation

ANSI/UL 14C-2008a (R2021), Standard for Swinging Hardware for Standard Tin-Clad Fire Doors Mounted Singly and in Pairs (reaffirmation of ANSI/UL 14C-2008a (R2017)) Final Action Date: 10/1/2021

Revision

ANSI/UL 817-2021c, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2021) Final Action Date: 9/22/2021

UL (Underwriters Laboratories)

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

Revision

ANSI/UL 962A-2021, Standard for Safety Furniture Power Distribution Units (revision of ANSI/UL 962A-2020) Final Action Date: 10/1/2021

Revision

ANSI/UL 1384-2021, Standard for Water-Based Automatic Extinguisher Units (revision of ANSI/UL 1384-2017) Final Action Date: 9/28/2021

Revision

ANSI/UL 1691-2021, Standard for Safety for Single-Pole Locking-Type Separable Connectors (revision of ANSI/UL 1691-2018) Final Action Date: 9/29/2021

Revision

ANSI/UL 1996-2021, Standard for Electric Duct Heaters (revision of ANSI/UL 1996-2020) Final Action Date: 9/29/2021

VITA (VMEbus International Trade Association (VITA))

929 W. Portobello Avenue, Mesa, AZ 85210 | jing.kwok@vita.com, www.vita.com

Revision

ANSI/VITA 42.0-2021, XMC Standard (revision of ANSI/VITA 42.0-2016) Final Action Date: 9/30/2021

Revision

ANSI/VITA 65.0-2021, OpenVPX System Standard (revision of ANSI/VITA 65.0-2019) Final Action Date: 10/4/2021

Revision

ANSI/VITA 65.1-2021, OpenVPX System Standard - Profile Tables (revision of ANSI/VITA 65.1-2019) Final Action Date: 10/4/2021

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.

ABYC (American Boat and Yacht Council)

613 Third Street, Suite 10, Annapolis, MD 21403 | smoulton@abycinc.org, www.abycinc.org
Sara Moulton; smoulton@abycinc.org

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

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

ASME (American Society of Mechanical Engineers)

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

BSR/ASME B16.10-202x, Face-to-Face and End-to-End Dimensions of Valves (revision of ANSI/ASME B16.10-2017)

BSR/ASME PTC 47.3-202x, Performance Test Code of the Syngas Conditioning Block of an Integrated Gasification Combined Cycle Power Plant (new standard)

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 | LBauerschmidt@assp.org, www.assp.org
Lauren Bauerschmidt; LBauerschmidt@assp.org

BSR/ASSP Z9.2-202x, Fundamentals Governing the Design and Operation of Local Exhaust Ventilation Systems (revision of ANSI/ASSP Z9.2-2018)

BSR/ASSP Z9.3-202x, Spray Finishing Operations: Safety Code for Design, Construction and Ventilation (revision and redesignation of ANSI/ASSE Z9.3-2017)

BSR/ASSP Z9.6-202x, Exhaust Systems for Grinding, Polishing and Buffing (revision of ANSI/ASSP Z9.6-2018)

AWS (American Welding Society)

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

BSR/AWS B2.5/B2.5M-202x, Specification for Measurement of Welding Power Source Output for Calculation of Welding Procedure Heat Input (new standard)

BIFMA (Business and Institutional Furniture Manufacturers Association)

678 Front Avenue NW, Grand Rapids, MI 49504 | dpanning@bifma.org, www.bifma.org
David Panning; dpanning@bifma.org

BSR/BIFMA X9.1-202X, Exterior Commercial Seating and Tables (new standard)

CTA (Consumer Technology Association)

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

BSR/CTA 2104-202x, Machine Learning for XR (new standard)

CTA is seeking new members to join the consensus body to participate in the effort to create CTA-2104. CTA and the R13 Artificial Intelligence Committee are particularly interested in adding new members (called "users" who acquire AI from those who create them) as well as those with a "general interest".

EASA (Electrical Apparatus Service Association)

1331 Baur Road, St. Louis, MO 63132 | mhowell@easa.com
 Mike Howell; mhowell@easa.com

BSR/EASA AR100-202x, Recommended practice for the repair of rotating electrical apparatus (revision of ANSI/EASA AR100-2020)

FCI (Fluid Controls Institute)

1300 Sumner Avenue, Cleveland, OH 44115 | fci@fluidcontrolsinstitute.org, www.fluidcontrolsinstitute.org
 Leslie Schraff; fci@fluidcontrolsinstitute.org

BSR/FCI 20-1-202x, Standard for Performance Testing Strainers for Liquid Service (new standard)

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org
 Deborah Spittle; comments@standards.incits.org

INCITS/ISO/IEC 8824-1:2021 [202x], Information technology - Abstract Syntax Notation One (ASN.1) - Part 1: Specification of basic notation (identical national adoption of ISO/IEC 8824-1:2021 and revision of INCITS/ISO/IEC 8824-1:2015 [2019])

INCITS/ISO/IEC 8824-2:2021 [202x], Information technology - Abstract Syntax Notation One (ASN.1) - Part 2: Information object specification (identical national adoption of ISO/IEC 8824-2:2021 and revision of INCITS/ISO/IEC 8824-2:2015 [2019])

INCITS/ISO/IEC 8824-3:2021 [202x], Information technology - Abstract Syntax Notation One (ASN.1) - Part 3: Constraint specification (identical national adoption of ISO/IEC 8824-3:2021 and revision of INCITS/ISO/IEC 8824-3:2015 [2019])

INCITS/ISO/IEC 8824-4:2021 [202x], Information technology - Abstract Syntax Notation One (ASN.1) - Part 4: Parameterization of ASN.1 specifications (identical national adoption of ISO/IEC 8824-4:2021 and revision of INCITS/ISO/IEC 8824-4:2015 [2019])

INCITS/ISO/IEC 8825-1:2021 [202x], Information technology - ASN.1 encoding rules - Part 1: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER) (identical national adoption of ISO/IEC 8825-1:2021 and revision of INCITS/ISO/IEC 8825-1:2015 [2019])

INCITS/ISO/IEC 8825-2:2021 [202x], Information technology - ASN.1 encoding rules - Part 2: Specification of Packed Encoding Rules (PER) (identical national adoption of ISO/IEC 8825-2:2021 and revision of INCITS/ISO/IEC 8825-2:2015 [2019])

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

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

INCITS/ISO/IEC 8825-3:2021 [202x], Information technology - ASN.1 encoding rules - Part 3: Specification of Encoding Control Notation (ECN) (identical national adoption of ISO/IEC 8825-3:2021 and revision of INCITS/ISO/IEC 8825-3:2015 [2019])

INCITS/ISO/IEC 8825-4:2021 [202x], Information technology - ASN.1 encoding rules - Part 4: XML Encoding Rules (XER) (identical national adoption of INCITS/ISO/IEC 8825-4:2021 and revision of INCITS/ISO/IEC 8825-4:2015 [2019])

INCITS/ISO/IEC 8825-5:2021 [202x], Information technology - ASN.1 encoding rules - Part 5: Mapping W3C XML schema definitions into ASN.1 (identical national adoption of ISO/IEC 8825-5:2021)

INCITS/ISO/IEC 8825-6:2021 [202x], Information technology - ASN.1 encoding rules - Part 6: Registration and application of PER encoding instructions (identical national adoption of ISO/IEC 8825-6:2021)

INCITS/ISO/IEC 8825-7:2021 [202x], Information technology - ASN.1 encoding rules - Part 7: Specification of Octet Encoding Rules (OER) (identical national adoption of ISO/IEC 8825-7:2021)

INCITS/ISO/IEC 8825-8:2021 [202x], Information technology - ASN.1 encoding rules - Part 8: Specification of JavaScript Object Notation Encoding Rules (JER) (identical national adoption of ISO/IEC 8825-8:2021)

INCITS/ISO/IEC 18477-2:2016 [202x], Information technology - Scalable compression and coding of continuous-tone still images - Part 2: Coding of high dynamic range images (identical national adoption of ISO/IEC 18477-2:2016)

INCITS/ISO/IEC 18477-3:2015 [202x], Information technology - Scalable compression and coding of continuous-tone still images - Part 3: Box file format (identical national adoption of ISO/IEC 18477-3:2015)

INCITS/ISO/IEC 18477-6:2016 [202x], Information technology - Scalable compression and coding of continuous-tone still images - Part 6: IDR Integer Coding (identical national adoption of ISO/IEC 18477-6:2016)

INCITS/ISO/IEC 18477-9:2016 [202x], Information technology - Scalable compression and coding of continuous-tone still images - Part 9: Alpha channel coding (identical national adoption of ISO/IEC 18477-9:2016)

INCITS/ISO/IEC 29183:2021 [202x], Information technology - Office equipment - Method for measuring digital copying productivity for a single one-sided original (identical national adoption of ISO/IEC 29183:2021 and revision of INCITS/ISO/IEC 29183:2010 [R2021])

NEMA (National Electrical Manufacturers Association)

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

Khaled Masri; Khaled.Masri@nema.org

BSR/NEMA IM 60000-202x, Industrial Laminating Thermosetting Products (new standard)

BSR/NEMA WD6-202x, Wiring Devices - Dimensional Specifications (revision of ANSI/NEMA WD6-2016)

NSF (NSF International)

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

BSR/NSF 3-202x (i19r1), Commercial Warewashing Equipment (revision of ANSI/NSF 3-2019)

BSR/NSF 14-202x (i122r1), Plastics Piping System Components and Related Materials
(revision of ANSI/NSF 14-2020)

PLASTICS (Plastics Industry Association)

1425 K Street, NW, Suite 500, Washington, DC 20005 | jlinder@plasticsindustry.org, www.plasticsindustry.org
Jeff Linder; jlinder@plasticsindustry.org

BSR/PLASTICS B151.1-202X (ISO 20430-2020, MOD), Plastics Machinery - Safety
Requirements for Injection Molding Machines (national adoption of ISO 20430:2020 with
modifications and revision of ANSI/PLASTICS B151.1-2017)

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201-2598 | standards-process@tiaonline.org, www.tiaonline.org
Teesha Jenkins; standards-process@tiaonline.org

BSR/TIA 10-A-202x, Interference Criteria for Microwave Systems (revision and redesignation
of ANSI/TIA 10-2019)

UL (Underwriters Laboratories)

171 Nepean Street, Suite 400, Ottawa, ON K2P 0B4 Canada | laura.werner@ul.org, <https://ul.org/>
Laura Werner; laura.werner@ul.org

BSR/UL/ULC 2447-202x, Standard for Safety for Containment Sumps, Fittings and
Accessories for Flammable & Combustible Liquids (new standard)

VITA (VMEbus International Trade Association (VITA))

929 W. Portobello Avenue, Mesa, AZ 85210 | jing.kwok@vita.com, www.vita.com
Jing Kwok; jing.kwok@vita.com

BSR/VITA 48.0-202x, Mechanical Specification for Microcomputers using Ruggedized
Enhanced Design Implementation (REDI) (revision of ANSI/VITA 48.0-2020)

BSR/VITA 48.2-202x, Mechanical Specification for Microcomputers using REDI Conduction
Cooling Applied to VITA 46 (revision of ANSI/VITA 48.2-2020)

BSR/VITA 88.0-202x, Switched Mezzanine Card Plus (XMC+) Standard (new standard)

Call for Members (ANS Consensus Bodies)

ANSI Accredited Standards Developer

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

The InterNational Committee for Information Technology Standards (INCITS), an ANSI accredited SDO, is the forum of choice for information technology developers, producers and users for the creation and maintenance of formal de jure IT standards. INCITS' mission is to promote the effective use of Information and Communication Technology through standardization in a way that balances the interests of all stakeholders and increases the global competitiveness of the member organizations.

The INCITS Executive Board serves as the consensus body with oversight of its 40+ Technical Committees. Additionally, the INCITS Executive Board has the international leadership role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

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

Membership in all interest categories is always welcome; however, the INCITS Executive Board seeks to broaden its membership base in the following categories:

- Service Providers
- Users
- Standards Development Organizations and Consortia
- Academic Institutions

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

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

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

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

AA (ASC H35) - Aluminum Association Aluminum and Aluminum Alloys

Effective October 5, 2021

The reaccreditation of **AA - Aluminum Association (ASC H35, Aluminum and Aluminum Alloys)** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on AA (ASC H35)-sponsored American National Standards, effective **October 5, 2021**. For additional information, please contact: Sam Muhamed, Aluminum Association (AA (ASC H35)) | 1400 Crystal Drive, Suite 430,, Arlington, VA 22202 | (703) 358-2978, smuhamed@aluminum.org

Approval of Reaccreditation – ASD

AMCA - Air Movement and Control Association

Effective October 5, 2021

The reaccreditation of **AMCA - Air Movement and Control Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on AMCA-sponsored American National Standards, effective **October 5, 2021**. For additional information, please contact: Joseph Brooks, Air Movement and Control Association (AMCA) | 30 West University Drive, Arlington Heights, IL 60004-1893 | (847) 394-0150, jbrooks@amca.org

Approval of Reaccreditation – ASD

IACET - International Association for Continuing Education and Training

Effective October 1, 2021

ANSI's Executive Standards Council has approved the reaccreditation of **IACET - International Association for Continuing Education and Training** under its recently revised operating procedures for documenting consensus on IACET-sponsored American National Standards, effective **October 1, 2021**. For additional information, please contact: Sherard Jones, International Association for Continuing Education and Training (IACET) | 2201 Cooperative Way, Suite 600, Herndon, VA 20171 | (708) 217-2040, sjones@stratfuturist.com

Public Review of Revised ASD Operating Procedures

AGSC - Auto Glass Safety Council

Comment Deadline: November 7, 2021

The **AGSC - Auto Glass Safety Council**, an ANSI Member and Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on AGSC-sponsored American National Standards, under which it was last reaccredited in 2019. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Kathy Bimber, Auto Glass Safety Council (AGSC) | 20 PGA Drive, Suite 201, Stafford, VA 22554 | (540) 720-7484, kbimber@glass.com

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

Please submit any public comments on the revised procedures to AGSC by **November 8, 2021**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthomps@ANSI.org).

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

NW&RA (ASC Z245) - National Waste & Recycling Association Equipment Technology & Operations for Wastes & Recyclable Materials

Meeting Times: October 21st & November 3rd

The **National Waste and Recycling Association (NW&RA)** serves at the secretariat for the ANS Z245 Committee on Equipment Technology and Operations for Waste and Recyclable Materials.

The next meeting will be **October 21, 2021** at 12 noon eastern for Z245.2/.5 Compactors and Balers committee. The meeting will be virtual.

The next meeting will be **November 3, 2021** at 13:00 eastern for the Z245 Committee. The meeting will be virtual.

Those interested in participating in either the October or November meeting can contact Kirk Sander at ksander@wasterecycling.org.

ANSI Accredited Standards Developer

PLASTICS - Plastics Industry Association

Virtual Meeting: November 9, 2021

The next meeting of **Machinery Safety Standards Committee** will be held **November 9, 2021**, virtually using Microsoft Teams. The committee will hear reports from its working groups and receive an update from the **US TAG for ISO/TC 270**. PLASTICS standards meetings are open to all interested parties. For more information contact Jeff Linder at jlinder@plasticsindustry.org.

American National Standards (ANS) Process

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

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

Please visit ANSI's website (www.ansi.org)

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

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

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

American National Standards Under Continuous Maintenance

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

The standard shall be maintained by an accredited standards developer. A documented program for periodic publication of revisions shall be established by the standards developer. Processing of these revisions shall be in accordance with these procedures. The published standard shall include a clear statement of the intent to consider requests for change and information on the submittal of such requests. Procedures shall be established for timely, documented consensus action on each request for change and no portion of the standard shall be excluded from the revision process. In the event that no revisions are issued for a period of four years, action to reaffirm or withdraw the standard shall be taken in accordance with the procedures contained in the ANSI Essential Requirements.

The Executive Standards Council (ExSC) has determined that for standards maintained under the Continuous Maintenance option, separate PINS announcements are not required. The following ANSI Accredited Standards Developers have formally registered standards under the Continuous Maintenance option.

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- AAMI (Association for the Advancement of Medical Instrumentation)
 - AARST (American Association of Radon Scientists and Technologists)
 - AGA (American Gas Association)
 - AGSC (Auto Glass Safety Council)
 - ASC X9 (Accredited Standards Committee X9, Incorporated)
 - ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
 - ASME (American Society of Mechanical Engineers)
 - ASTM (ASTM International)
 - GBI (Green Building Initiative)
 - HL7 (Health Level Seven)
 - 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)
 - NISO (National Information Standards Organization)
 - NSF (NSF International)
 - PRCA (Professional Ropes Course Association)
 - RESNET (Residential Energy Services Network, Inc.)
 - SAE (SAE International)
 - TCNA (Tile Council of North America)
 - TIA (Telecommunications Industry Association)
 - UL (Underwriters Laboratories)

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

ANSI-Accredited Standards Developers (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.

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Proposed Revisions to Procedures for the Registration of Technical Reports with ANSI

The proposed revisions below (shown in strikethrough-and-underline text) are intended to clarify that informative Technical Reports (TR) registered with ANSI are required to comply with specific applicable ANSI policies that are published in the ANSI Essential Requirements.

The current (2006) edition of the TR procedures references compliance with the ANSI Patent Policy and the National Adoption Policy, but does not call out compliance with ANSI's Commercial Terms Policy (section 3.2 of the ANSI Essential Requirements) or ANSI's Antitrust Policy (section 3.3 of the ANSI Essential Requirements).

Public Review

ExSC_110_2021

Public Comments are due to psa@ansi.org by November 8, 2021

Public review comments are invited on the revisions shown in strikethrough-and-underline text only. Public comments received in connection with the proposed revisions below will be made available to the public, with attribution, in the [ANSI Online public library](#) within a reasonable time of the close of the public comment deadline. The ANSI Executive Standards Council (ExSC) will consider the comments received and provide a written response to commenters. Public Comments are due to psa@ansi.org by **November 8, 2021**

1 Criteria for the Registration of Technical Reports with ANSI

Technical Reports may only be submitted for registration with ANSI by an Accredited Standards Developer. (See the ANSI Essential Requirements: Due process requirements for American National Standards, for information on the accreditation process.)

Such a Technical Report shall be entirely informative in nature and shall not contain information implying that it is a standard. It shall clearly explain its relationship to aspects of the subject that are, or will be, dealt with in related American National Standards. Nothing in these procedures precludes a standards developer from developing, approving and disseminating its own reports or other publications.

All Technical Reports registered with ANSI must be in compliance with the ANSI Patent Policy, [ANSI Commercial Terms and Conditions Policy](#) and [Antitrust Policy](#). In addition, registration with ANSI of an ISO or IEC document as a Technical Report requires compliance with the ANSI Policy Regarding Rights to Nationally Adopt IEC and ISO Standards or Otherwise Use IEC and ISO Material.

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

Agricultural food products (TC 34)

ISO 10272-1:2017/DAmD 1, Microbiology of the food chain - Horizontal method for detection and enumeration of *Campylobacter* spp. - Part 1: Detection method - Amendment 1: Inclusion of methods for molecular confirmation and identification of thermotolerant *Campylobacter* spp., and correction of the performance testing of the media - 11/3/2014, \$93.00

ISO 10272-2:2017/DAmD 1, Microbiology of the food chain - Horizontal method for detection and enumeration of *Campylobacter* spp. - Part 2: Colony-count technique - Amendment 1: Inclusion of methods for molecular confirmation and identification of thermotolerant *Campylobacter* spp. and correction of the performance testing of the media - 11/3/2014, \$82.00

ISO/FDIS 23637, Cereals - Determination of cadmium content by graphite furnace atomic absorption spectrometry with diluted nitric acid extraction - 11/6/2030, \$53.00

ISO/DIS 7927-1, Spices and condiments - Fennel seed, whole or ground (powdered) - Part 1: Bitter fennel seed (*Foeniculum vulgare* P. Miller var. *vulgare*) - Specification - 11/11/2000, FREE

ISO/DIS 7927-2, Spices and condiments - Fennel seed, whole or ground (powdered) - Part 2: Sweet fennel (*Foeniculum vulgare* var. *panmorium*) - Specification - 11/11/2000, \$40.00

Aircraft and space vehicles (TC 20)

ISO/DIS 24356, General requirements for tethered unmanned aircraft systems - 11/10/2029, \$58.00

Bamboo and rattan (TC 296)

ISO/DIS 21629-2, Bamboo floorings - Part 2: Outdoor use - 11/11/2027, \$62.00

Brand evaluation (TC 289)

ISO/DIS 20671-3, Brand evaluation - Part 3: Guidelines for brands related to geographical Indications - 11/11/2000, \$67.00

Control and safety devices for non industrial gas-fired appliances and systems (TC 161)

ISO/FDIS 23555-1, Gas pressure safety and control devices for use in gas transmission, distribution and installations for inlet pressures up to and including 10 MPa - Part 1: General requirements - 11/12/2000, \$134.00

ISO/FDIS 23555-2, Gas pressure safety and control devices for use in gas transmission, distribution and installations for inlet pressures up to and including 10 MPa - Part 2: Gas pressure regulator - 11/13/2018, \$125.00

Corrosion of metals and alloys (TC 156)

ISO/DIS 4680, Corrosion of metals and alloys - Method of uniaxial constant load test for evaluating susceptibility of metals and alloys to stress corrosion cracking in high-purity water at high temperatures - 11/4/2015, \$98.00

ISO/FDIS 10270, Corrosion of metals and alloys - Aqueous corrosion testing of zirconium alloys for use in nuclear power reactors - 11/10/2014, \$67.00

Cosmetics (TC 217)

ISO 11930:2019/DAmD 1, Cosmetics - Microbiology - Evaluation of the antimicrobial protection of a cosmetic product - Amendment 1 - 11/3/2017, \$29.00

ISO 16212:2017/DAmD 1, Cosmetics - Microbiology - Enumeration of yeast and mould - Amendment 1 - 11/3/2017, \$29.00

ISO 18415:2017/DAmD 1, Cosmetics - Microbiology - Detection of specified and non-specified microorganisms - Amendment 1 - 11/3/2017, \$29.00

ISO 18416:2015/DAmD 1, Cosmetics - Microbiology - Detection of *Candida albicans* - Amendment 1 - 11/3/2017, \$29.00

ISO & IEC Draft International Standards

ISO 21149:2017/DAMd 1, Cosmetics - Microbiology - Enumeration and detection of aerobic mesophilic bacteria - Amendment 1 - 11/3/2017, \$33.00

ISO 21150:2015/DAMd 1, Cosmetics - Microbiology - Detection of Escherichia coli - Amendment 1 - 11/3/2017, \$29.00

ISO 22717:2015/DAMd 1, Cosmetics - Microbiology - Detection of Pseudomonas aeruginosa - Amendment 1 - 11/3/2017, \$29.00

ISO 22718:2015/DAMd 1, Cosmetics - Microbiology - Detection of Staphylococcus aureus - Amendment 1 - 11/3/2017, \$29.00

Earth-moving machinery (TC 127)

ISO/FDIS 21815-1, Earth-moving machinery - Collision warning and avoidance - Part 1: General requirements - 11/4/2022, \$71.00

Fine ceramics (TC 206)

ISO/DIS 18755, Fine ceramics (advanced ceramics, advanced technical ceramics) - Determination of thermal diffusivity of monolithic ceramics by flash method - 11/10/2029, \$107.00

Fluid power systems (TC 131)

ISO/DIS 16028, Hydraulic fluid power - Flush-face type, quick-action couplings for use at pressures of 10 MPa (200 bar) to 31,5 MPa (315 bar) - Specifications - 11/10/2028, \$40.00

Gas cylinders (TC 58)

ISO/FDIS 11114-5, Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 5: Test methods for evaluating plastic liners - 11/13/2008, \$62.00

Health Informatics (TC 215)

ISO/DIS 4454, Genomics informatics - Phenopackets: A format for phenotypic data exchange - 11/11/2027, \$155.00

Implants for surgery (TC 150)

ISO 7206-13:2016/DAMd 1, Implants for surgery - Partial and total hip joint prostheses - Part 13: Determination of resistance to torque of head fixation of stemmed femoral components - Amendment 1 - 11/3/2016, \$29.00

Information and documentation (TC 46)

ISO/FDIS 15707, Information and documentation - International Standard Musical Work Code (ISWC) -, \$46.00

Light metals and their alloys (TC 79)

ISO/DIS 4155, Magnesium and magnesium alloys - Determination of nickel - Inductively coupled plasma optical emission spectrometric method - 11/10/2029, \$53.00

ISO/DIS 4177, Magnesium and magnesium alloys - Determination of chromium - Inductively coupled plasma optical emission spectrometric method - 11/10/2029, \$53.00

ISO/DIS 4181, Magnesium and magnesium alloys - Determination of strontium - Inductively coupled plasma optical emission spectrometric method - 11/10/2029, \$53.00

ISO & IEC Draft International Standards

ISO/DIS 4188, Magnesium and magnesium alloys - Determination of arsenic - Inductively coupled plasma optical emission spectrometric method - 11/10/2029, \$53.00

ISO/DIS 4189, Magnesium and magnesium alloys - Determination of sodium - Inductively coupled plasma optical emission spectrometric method - 11/10/2029, \$53.00

Mechanical testing of metals (TC 164)

ISO/FDIS 1352, Metallic materials - Torque-controlled fatigue testing - 11/4/2021, \$88.00

Mechanical vibration and shock (TC 108)

ISO/DIS 21940-21, Mechanical vibration - Rotor balancing - Part 21: Description and evaluation of balancing machines - 11/11/2027, \$134.00

Metallic and other inorganic coatings (TC 107)

ISO/DIS 1461, Hot dip galvanized coatings on fabricated iron and steel articles - Specifications and test methods - 11/11/2027, \$71.00

ISO/FDIS 24284, Metallic coatings - Corrosion test method for decorative chrome plating under a de-icing salt environment - 11/3/2011, \$46.00

Nickel and nickel alloys (TC 155)

ISO/FDIS 11400, Nickel, ferronickels and nickel alloys - Determination of phosphorus content - Phosphovanadomolybdate spectrophotometric method - 11/7/2011, \$53.00

Nuclear energy (TC 85)

ISO/DIS 20044, Measurement of radioactivity in the environment - Air: aerosols - Test method using sampling by filter media - 11/11/2027, \$112.00

ISO/DIS 18589-2, Measurement of radioactivity in the environment - Soil - Part 2: Guidance for the selection of the sampling strategy, sampling and pre-treatment of samples - 11/12/2003, \$93.00

Other

ISO/DIS 14268, Leather - Physical and mechanical tests - Determination of water vapour permeability - 11/10/2029, \$46.00

Personal safety - Protective clothing and equipment (TC 94)

ISO/DIS 6942, Protective clothing - Protection against heat and fire - Method of test: Evaluation of materials and material assemblies when exposed to a source of radiant heat - 11/12/2003, \$58.00

ISO/FDIS 20345, Personal protective equipment - Safety footwear - 11/5/2012, \$112.00

ISO/FDIS 20346, Personal protective equipment - Protective footwear - 11/5/2012, \$112.00

ISO/FDIS 20347, Personal protective equipment - Occupational footwear - 11/5/2012, \$107.00

Photography (TC 42)

ISO/DIS 18951-1, Imaging materials - Scratch resistance of photographic prints - Part 1: General test method - 11/3/2016, \$58.00

ISO/DIS 18951-2, Imaging materials - Scratch resistance of photographic prints - Part 2: Sclerometer test method - 11/3/2016, \$53.00

Plastics (TC 61)

ISO/FDIS 8985, Plastics - Ethylene/vinyl acetate copolymer (EVAC) thermoplastics - Determination of vinyl acetate content - 11/7/2028, \$82.00

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

ISO/FDIS 11295, Plastics piping systems used for the rehabilitation of pipelines - Classification and overview of strategic, tactical and operational activities - 11/3/2000, \$134.00

Pulleys and belts (including veebelts) (TC 41)

ISO/DIS 9608, V-belts and V-ribbed belts - Uniformity of belts - Test method for determination of centre distance variation - 11/3/2014, \$33.00

Railway applications (TC 269)

ISO/FDIS 22074-8, Railway infrastructure - Rail fastening systems - Part 8: Test method for vertical stiffness - 11/4/2022, \$58.00

ISO/FDIS 22480-1, Railway applications - Concrete sleepers and bearers for track - Part 1: General requirements - 11/9/2030, \$107.00

ISO/FDIS 22480-2, Railway applications - Concrete sleepers and bearers for track - Part 2: Prestressed monoblock sleepers - 11/10/2010, \$71.00

Road vehicles (TC 22)

ISO/DIS 11154, Road vehicles - Roof load carriers - 11/3/2016, \$119.00

ISO/DIS 15118-4, Road vehicles - Vehicle to grid communication interface - Part 4: Network and application protocol conformance test - 11/10/2028, \$380.00

Ships and marine technology (TC 8)

ISO/DIS 3482, Marine technology - Technical guidelines for the active source exploration with Ocean Bottom Seismometers (OBS) - 11/3/2016, \$46.00

Soil quality (TC 190)

ISO/FDIS 23646, Soil quality - Determination of organochlorine pesticides by gas chromatography with mass selective detection (GC-MS) and gas chromatography with electron-capture detection (GC-ECD) - 11/9/2010, \$98.00

ISO/DIS 23611-4, Soil quality - Sampling of soil invertebrates - Part 4: Sampling, extraction and identification of soil-inhabiting nematodes - 11/12/2003, \$88.00

Solid biofuels (TC 238)

ISO/DIS 18122, Solid biofuels - Determination of ash content - 11/11/2000, \$40.00

ISO/DIS 20048-2, Solid biofuels - Determination of off-gassing and oxygen depletion characteristics - Part 2: Operational method for screening of carbon monoxide off-gassing - 11/3/2016, \$53.00

Solid mineral fuels (TC 27)

ISO/DIS 923, Coal - Density separation equipment for coal - Performance evaluation - 11/11/2000, \$93.00

Sports and recreational equipment (TC 83)

ISO/DIS 25649-1, Floating leisure articles for use on and in the water - Part 1: Classification, materials, general requirements and test methods - 11/11/2000, \$107.00

ISO/DIS 25649-2, Floating leisure articles for use on and in the water - Part 2: Consumer information - 11/11/2000, \$88.00

ISO/DIS 25649-3, Floating leisure articles for use on and in the water - Part 3: Additional specific safety requirements and test methods for Class A devices - 11/11/2000, \$71.00

ISO/DIS 25649-4, Floating leisure articles for use on and in the water - Part 4: Additional specific safety requirements and test methods for Class B devices - 11/11/2000, \$88.00

ISO/DIS 25649-5, Floating leisure articles for use on and in the water - Part 5: Additional specific safety requirements and test methods for Class C devices - 11/11/2000, \$88.00

ISO/DIS 25649-6, Floating leisure articles for use on and in the water - Part 6: Additional specific safety requirements and test methods for Class D devices - 11/11/2000, \$88.00

ISO/DIS 25649-7, Floating leisure articles for use on and in the water - Part 7: Additional specific safety requirements and test methods for Class E devices - 11/11/2000, \$93.00

Surface chemical analysis (TC 201)

ISO/DIS 24417, Surface chemical analysis - Analysis of metallic nanolayers on iron based substrates by glow-discharge optical-emission spectrometry - 11/3/2009, \$98.00

ISO/FDIS 18115-2, Surface chemical analysis - Vocabulary - Part 2: Terms used in scanning-probe microscopy -, \$119.00

Terminology (principles and coordination) (TC 37)

ISO/DIS 12620-1, Management of terminology resources - Data categories - Part 1: Specifications - 11/10/2029, \$58.00

Textile machinery and allied machinery and accessories (TC 72)

ISO/FDIS 22291.2, Safety requirements for wetlaid-nonwoven machinery - 11/6/2030, \$125.00

Thermal insulation (TC 163)

ISO/DIS 16478, Thermal insulation products - Vacuum insulation panels (VIPs) - Specification - 11/4/2015, \$125.00

Tourism and related services (TC 228)

ISO/DIS 13810, Tourism and related services - Visits to industrial tourism organizations and to natural, cultural and historical sites - Requirements and recommendations - 11/10/2028, \$58.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO/FDIS 11806-1, Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 1: Machines fitted with an integral combustion engine - 11/7/2017, \$107.00

Waste collection and transportation management (TC 297)

ISO/FDIS 24162, Test method for energy consumption of refuse collection vehicles - 11/5/2006, \$58.00

Water quality (TC 147)

ISO/DIS 4722-1, Water quality - Thorium 232 - Part 1: Test method using alpha spectrometry - 11/3/2014, \$71.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 8652, Information technology - Programming languages - Ada - 11/4/2007, \$323.00

ISO/IEC DIS 23220-1, Cards and security devices for personal identification - Building blocks for identity management via mobile devices - Part 1: Generic system architectures of mobile eID systems - 11/4/2015, \$112.00

ISO/IEC DIS 24791-3, Information technology - Radio frequency identification (RFID) for item management - Software system infrastructure - Part 3: Device management - 11/3/2016, \$155.00

ISO/IEC DIS 19794-14, Information technology - Biometric data interchange formats - Part 14: DNA data - 11/11/2027, \$185.00

ISO/IEC DIS 29167-16, Information technology - Automatic identification and data capture techniques - Part 16: Crypto suite ECDSA-ECDH security services for air interface communications - 11/3/2016, \$98.00

IEC Standards

CIS/A/1353/CD, CISPR 16-1-4 ED5: Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements, 12/24/2021

JTC1-SC41/248/CD, ISO/IEC 30161-2 ED1: Internet of Things (IoT) - Data exchange platform for IoT services - Part 2: Transport interoperability between nodal points, 11/26/2021

Audio, video and multimedia systems and equipment (TC 100)

100/3667/CD, IEC 62087-2 ED2: Audio, video, and related equipment - Determination of power consumption - Part 2: Signals and media (TA 19), 12/24/2021

100/3668/CD, IEC 62087-3 ED2: Audio, video, and related equipment - Determination of power consumption - Part 3: Television sets (TA 19), 12/24/2021

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

46/834(F)/FDIS, IEC 62037-1 ED2: Passive RF and microwave devices, intermodulation level measurement - Part 1: General requirements and measuring methods, 10/22/2021

46/835(F)/FDIS, IEC 62037-2 ED2: Passive RF and microwave devices, intermodulation level measurement - Part 2: Measurement of passive intermodulation in coaxial cable assemblies, 10/22/2021

46/836(F)/FDIS, IEC 62037-3 ED2: Passive RF and microwave devices, intermodulation level measurement - Part 3: Measurement of passive intermodulation in coaxial connectors, 10/22/2021

46/838(F)/FDIS, IEC 62037-6 ED2: Passive RF and microwave devices, intermodulation level measurement - Part 6: Measurement of passive intermodulation in antennas, 10/22/2021

46F/578/CDV, IEC 60153-4 ED4: Hollow metallic waveguides - Part 4: Relevant specifications for circular waveguides, 12/24/2021

Capacitors and resistors for electronic equipment (TC 40)

40/2877(F)/FDIS, IEC 61051-2 ED2: Varistors for use in electronic equipment - Part 2: Sectional specification for surge suppression varistors, 10/15/2021

Documentation and graphical symbols (TC 3)

3/1535/CD, IEC 81355-1 ED1: Classification and designation of documents for plants, systems and equipment - Part 1: Rules and classification tables, 11/26/2021

3/1536/NP, PNW 3-1536 ED1: Preparation of instructions for use - Structuring, content and presentation - Part 2: Additional guidance for instructions for assembly of self-assembly products, 12/24/2021

Electric road vehicles and electric industrial trucks (TC 69)

69/795/CDV, IEC 63119-2 ED1: Information exchange for Electric Vehicle charging roaming service - Part 2: Use cases, 12/24/2021

69/796/CDV, ISO 15118-4 ED2: Road vehicles - Vehicle to grid communication interface - Part 4: Network and application protocol conformance test, 12/24/2021

Electrical Energy Storage (EES) Systems (TC 120)

120/245/CD, IEC 62933-5-3 ED1: Electrical energy storage (EES) systems - Part 5-3: Safety requirements for electrochemical based EES systems considering initially non-anticipated modifications - Partial replacement, changing application, relocation and loading reused battery, 11/26/2021

Electrical equipment in medical practice (TC 62)

62A/1458(F)/FDIS, IEC 81001-5-1 ED1: Health software and health IT systems safety, effectiveness and security - Part 5-1: Security - Activities in the product life cycle, 10/22/2021

62D/1912/CD, IEC 60601-2-16 ED6: Medical electrical equipment - Part 2-16: Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment, 12/24/2021

62D/1913/CD, IEC 60601-2-39 ED4: Medical electrical equipment - Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment, 12/24/2021

Equipment for electrical energy measurement and load control (TC 13)

13/1850/NP, PNW TS 13-1850 ED1: Electricity digital revenue metering, 11/26/2021

Flat Panel Display Devices (TC 110)

110/1357/CD, IEC 63145-10 ED1: Eyewear display - Part 10: Specifications, 11/26/2021

Fuel Cell Technologies (TC 105)

105/880/CD, IEC 62282-8-301 ED1: Fuel cell technologies - Part 8 -301 Energy storage systems using fuel cell modules in reverse mode - Power to methane energy systems based on solid oxide cells including reversible operation - Performance test methods, 12/24/2021

Fuses (TC 32)

32B/710/CD, IEC 60269-4/AMD3 ED5: Amendment 3 - Low-voltage fuses - Part 4: Supplementary requirements for fuse-links for the protection of semiconductor devices, 11/26/2021

Industrial-process measurement and control (TC 65)

65/870/CD, IEC 63376 ED1: Industrial Facility Energy Management System (FEMS) - Functions and Information Flows, 11/26/2021

65/871/CD, IEC TR 63283-5 ED1: Industrial-process measurement, control and automation - Smart Manufacturing - Part 5: Market and innovation trends analysis, 11/26/2021

65C/1113(F)/CDV, IEC 61139-2 ED1: Industrial networks - Single-drop digital communication interface - Part 2: Functional safety extensions, 11/26/2021

Lamps and related equipment (TC 34)

34D/1629/CDV, IEC 60598-2-18 ED3: Luminaires - Part 2: Particular requirements - Section 18: Luminaires for swimming pools and similar applications, 12/24/2021

Marine energy - Wave, tidal and other water current converters (TC 114)

114/418/CD, IEC TS 62600-101 ED2: Marine energy - Wave, tidal and other water current converters - Part 101: Wave energy resource assessment and characterization, 12/24/2021

Performance of household electrical appliances (TC 59)

59K/342/CD, IEC 61591 ED3: Cooking fume extractors - Methods for measuring performance, 12/24/2021

59K/343/CD, IEC 60350-1 ED3: Household electric cooking appliances - Part 1: Ranges, ovens, steam ovens and grills - Methods for measuring performance, 01/21/2022

59L/208/FDIS, IEC 63174 ED1: Electrically operated toothbrushes - Methods for measuring the performance, 11/12/2021

Power electronics (TC 22)

22F/648/CDV, IEC 62751-1/AMD2 ED1: Amendment 2 - Power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems - Part 1: General requirements, 12/24/2021

Power system control and associated communications (TC 57)

57/2406(F)/FDIS, IEC 61970-456 ED3: Energy management system application program interface (EMS-API) - Part 456: Solved power system state profiles, 10/15/2021

57/2433/CD, IEC TR 61850-90-27 ED1: Communication networks and systems for power utility automation - Part 90-27: Use of IEC 61850 for thermal energy systems connected to electric power grid, 11/26/2021

57/2434/DC, IEC TR 61850-90-19: Communication networks and systems for power utility automation - Part 90-19: Using Role Based Access Control (RBAC) and IEC 61850, 11/12/2021

57/2435/DC, IEC TR 61850-90-22: Communication networks and systems for power utility automation - Part 90-22: SCD based substation network auto-routing with visualization and supervision support, 11/12/2021

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

116/529/NP, PNW 116-529 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-22: Particular requirements for hand-held cut-off machines, 11/26/2021

116/530/NP, PNW 116-530 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-20: Particular requirements for hand-held band saws, 11/26/2021

116/531/NP, PNW 116-531 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-16: Particular requirements for hand-held fastener driving tools, 11/26/2021

116/532/NP, PNW 116-532 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-11: Particular requirements for transportable mitre-bench saws, 11/26/2021

116/533/NP, PNW 116-533 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-8: Particular requirements for transportable single spindle vertical moulders, 11/26/2021

116/534/NP, PNW 116-534 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-3: Particular requirements for transportable planers and thicknessers, 11/26/2021

116/535/NP, PNW 116-535 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-12: Particular requirements for hand-held concrete vibrators, 11/26/2021

116/536/NP, PNW 116-536 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-7: Particular requirements for hand-held spray guns, 11/26/2021

116/537/NP, PNW 116-537 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-18: Particular requirements for hand-held strapping tools, 11/26/2021

116/538/NP, PNW 116-538 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-19: Particular requirements for hand-held jointers, 11/26/2021

116/539/NP, PNW 116-539 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-23: Particular requirements for hand-held die grinders and small rotary tools, 11/26/2021

Safety of household and similar electrical appliances (TC 61)

61/6367(F)/FDIS, IEC 60335-2-113/AMD1 ED1: Amendment 1 - Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for beauty care appliances incorporating lasers and intense light sources, 10/15/2021

61/6368(F)/FDIS, IEC 60335-2-52 ED4: Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for oral hygiene appliances, 10/15/2021

61/6369(F)/FDIS, IEC 60335-2-106 ED2: Household and similar electrical appliances - Safety - Part 2-106: Particular requirements for heated carpets and for heating units for room heating installed under removable floor coverings, 10/15/2021

61/6370(F)/FDIS, IEC 60335-2-78 ED3: Household and similar electrical appliances - Safety - Part 2-78: Particular requirements for outdoor barbecues, 10/15/2021

61/6371(F)/FDIS, IEC 60335-2-99 ED2: Household and similar electrical appliances - Safety - Part 2-99: Particular requirements for commercial electric hoods, 10/15/2021

61/6372(F)/FDIS, IEC 60335-2-64 ED4: Household and similar electrical appliances - Safety - Part 2-64: Particular requirements for commercial electric kitchen machines, 10/15/2021

61/6373(F)/FDIS, IEC 60335-2-50 ED5: Household and similar electrical appliances - Safety - Part 2-50: Particular requirements for commercial electric bains-marie, 10/15/2021

61/6374(F)/FDIS, IEC 60335-2-39 ED7: Household and similar electrical appliances - Safety - Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans, 10/15/2021

61/6375(F)/FDIS, IEC 60335-2-38 ED6: Household and similar electrical appliances - Safety - Part 2-38: Particular requirements for commercial electric griddles and griddle grills, 10/15/2021

61/6376(F)/FDIS, IEC 60335-2-37 ED7: Household and similar electrical appliances - Safety - Part 2-37: Particular requirements for commercial electric doughnut fryers and deep fat fryers, 10/15/2021

61/6377(F)/FDIS, IEC 60335-2-36 ED7: Household and similar electrical appliances - Safety - Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, 10/15/2021

61/6378(F)/FDIS, IEC 60335-2-59 ED4: Household and similar electrical appliances - Safety - Part 2-59: Particular requirements for insect killers, 10/15/2021

61/6379(F)/FDIS, IEC 60335-2-55 ED4: Household and similar electrical appliances - Safety - Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds, 10/15/2021

61/6380(F)/FDIS, IEC 60335-2-28 ED5: Household and similar electrical appliances - Safety - Part 2-28: Particular requirements for sewing machines, 10/15/2021

61/6381(F)/FDIS, IEC 60335-2-13 ED7: Household and similar electrical appliances - Safety - Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances, 10/15/2021

61/6382(F)/FDIS, IEC 60335-2-10 ED6: Household and similar electrical appliances - Safety - Part 2-10: Particular requirements for floor treatment machines and wet scrubbing machines, 10/15/2021

Semiconductor devices (TC 47)

47/2718/CDV, IEC 63287-2 ED1: Semiconductor devices - Guidelines for reliability qualification plans - Part 2: Concept of mission profile, 12/24/2021

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

96/522/CDV, IEC 61558-2-2 ED3: Safety of transformers, reactors, power supply units and combinations thereof - Part 2-2: Particular requirements and tests for control transformers and power supply units incorporating control transformers, 12/24/2021

Solar photovoltaic energy systems (TC 82)

82/1955/DTS, IEC TS 63109 ED1: Measurement of diode ideality factor by quantitative analysis of electroluminescence images, 12/24/2021

82/1956/DTS, IEC TS 62257-7-2 ED1: Renewable energy and hybrid systems for rural electrification - Part 7-2: Generator set - Off-grid wind turbines, 12/24/2021

Solar thermal electric plants (TC 117)

117/151/NP, PNW 117-151 ED1: Solar thermal electric plants - Part 4-2: Heliostat field control system, 12/24/2021

Switchgear and controlgear (TC 17)

17A/1322/CDV, IEC 62271-102/AMD1 ED2: Amendment 1 - High-voltage switchgear and controlgear - Part 102: Alternating current disconnectors and earthing switches, 12/24/2021

Terminology (TC 1)

1/2477/FDIS, IEC 60050-631 ED1: International Electrotechnical Vocabulary (IEV) - Part 631: Electrical energy storage systems, 11/12/2021

Transmitting equipment for radio communication (TC 103)

103/222/CDV, IEC 63098-3 ED1: Transmitting and receiving equipment for radiocommunication - Radio-over-fibre technologies and their performance standard - Part 3: Radio over fibre based remote radar for foreign object and debris (FOD) detection system, 12/24/2021



Newly Published ISO & IEC Standards

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

ISO Standards

Agricultural food products (TC 34)

[ISO 24673:2021](#), Concentrated date juice - Specifications and test methods, \$48.00

Aircraft and space vehicles (TC 20)

[ISO 23629-7:2021](#), UAS traffic management (UTM) - Part 7: Data model for spatial data, \$149.00

Banking and related financial services (TC 68)

[ISO 24165-1:2021](#), Digital token identifier (DTI) - Registration, assignment and structure - Part 1: Method for registration and assignment, \$73.00

[ISO 24165-2:2021](#), Digital token identifier (DTI) - Registration, assignment and structure - Part 2: Data elements for registration, \$111.00

Carbon dioxide capture, transportation, and geological storage (TC 265)

[ISO 27919-2:2021](#), Carbon dioxide capture - Part 2: Evaluation procedure to assure and maintain stable performance of post-combustion CO₂ capture plant integrated with a power plant, \$225.00

Fertilizers and soil conditioners (TC 134)

[ISO 20620:2021](#), Fertilizers and soil conditioners - Determination of total nitrogen by combustion, \$48.00

Graphic technology (TC 130)

[ISO 12642-3:2021](#), Graphic technology - Input data for characterization of 4-colour process printing - Part 3: Extended data set including near neutral scale, \$200.00

[ISO 20616-1:2021](#), Graphic technology - File format for quality control and metadata - Part 1: Print requirements eXchange (PRX), \$175.00

Implants for surgery (TC 150)

[ISO 13179-1:2021](#), Implants for surgery - Coatings on metallic surgical implants - Part 1: Plasma-sprayed coatings derived from titanium or titanium-6 aluminum-4 vanadium alloy powders, \$48.00

Industrial automation systems and integration (TC 184)

[ISO 23247-3:2021](#), Automation systems and integration - Digital twin framework for manufacturing - Part 3: Digital representation of manufacturing elements, \$149.00

Petroleum products and lubricants (TC 28)

[ISO 20884:2019/Amd 1:2021](#), Petroleum products - Determination of sulfur content of automotive fuels - Wavelength-dispersive X-ray fluorescence spectrometry - Amendment 1: Addition of the SSD detector to the Monochromatic excitation part of Table 1, \$20.00

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

[ISO 9624:2019/Amd 1:2021](#), Thermoplastics piping systems for fluids under pressure - Flange adapters and loose backing flanges - Mating dimensions - Amendment 1, \$20.00

[ISO 15877-3:2009/Amd 2:2021](#), Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 3: Fittings - Amendment 2, \$20.00

Railway applications (TC 269)

[ISO 22749-1:2021](#), Railway applications - Suspension components - Part 1: Characteristics and test methods for elastomer-mechanical parts, \$200.00

Road vehicles (TC 22)

[ISO 13837:2021](#), Road vehicles - Safety glazing materials - Method for the determination of solar transmittance, \$73.00

Screw threads (TC 1)

[ISO 965-1:2013/Amd 1:2021](#), ISO general purpose metric screw threads - Tolerances - Part 1: Principles and basic data - Amendment 1, \$20.00

Ships and marine technology (TC 8)

[ISO 23446:2021](#), Marine technology - Product water quality of seawater reverse osmosis (RO) desalination - Guidelines for municipal water supply, \$48.00

Thermal insulation (TC 163)

[ISO 23327:2021](#), Hygrothermal performance of building materials and products - Determination of moisture adsorption/desorption properties in response to periodic temperature variation, \$73.00

ISO Technical Specifications**Biotechnology (TC 276)**

[ISO/TS 23565:2021](#), Biotechnology - Bioprocessing - General requirements and considerations for equipment systems used in the manufacturing of cells for therapeutic use, \$111.00

Nanotechnologies (TC 229)

[ISO/TS 23151:2021](#), Nanotechnologies - Particle size distribution for cellulose nanocrystals, \$175.00

Road vehicles (TC 22)

[ISO/TS 13396:2021](#), Road vehicles - Sled test method to enable the evaluation of side impact protection of child restraint systems - Essential parameters, \$149.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 18013-5:2021](#), Personal identification - ISO-compliant driving licence - Part 5: Mobile driving licence (mDL) application, \$250.00

[ISO/IEC 22603-1:2021](#), Information technology - Digital representation of product information - Part 1: General requirements, \$48.00

IEC Standards**Electrical accessories (TC 23)**

[IEC 60884-3-1 Ed. 1.0 b:2021](#), Plugs and socket-outlets for household and similar purposes - Part 3-1: Particular requirements for socket-outlets incorporating USB power supply, \$259.00

[IEC 60884-3-1 Ed. 1.0 b:2021](#), Plugs and socket-outlets for household and similar purposes - Part 3-1: Particular requirements for socket-outlets incorporating USB power supply, \$259.00

Electrical equipment in medical practice (TC 62)

[IEC 60601-2-63 Amd.2 Ed. 1.0 b:2021](#), Amendment 2 - Medical electrical equipment - Part 2-63: Particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment, \$25.00

[IEC 60601-2-63 Ed. 1.2 b:2021](#), Medical electrical equipment - Part 2-63: Particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment, \$443.00

[IEC 60601-2-63 Amd.2 Ed. 1.0 b:2021](#), Amendment 2 - Medical electrical equipment - Part 2-63: Particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment, \$25.00

[IEC 60601-2-63 Ed. 1.2 b:2021](#), Medical electrical equipment - Part 2-63: Particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment, \$443.00

[IEC 80601-2-26 Ed. 1.0 b cor.1:2021](#), Corrigendum 1 - Medical electrical equipment - Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalograph, \$0.00

[IEC 80601-2-26 Ed. 1.0 b Cor.1:2021](#), Corrigendum 1 - Medical electrical equipment - Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalograph, \$0.00

Fibre optics (TC 86)

[IEC 61753-131-03 Ed. 1.0 b:2021](#), Fibre optic interconnecting devices and passive components - Performance standard - Part 131-03: Single-mode mechanical fibre splice for category OP - Outdoor protected environment, \$133.00

[IEC 61753-131-03 Ed. 1.0 b:2021](#), Fibre optic interconnecting devices and passive components - Performance standard - Part 131-03: Single-mode mechanical fibre splice for category OP - Outdoor protected environment, \$133.00

Performance of household electrical appliances (TC 59)

[IEC 62999 Amd.1 Ed. 1.0 b:2021](#), Amendment 1 - Electric room heating - Underfloor heating - Performance characteristics - Definitions, method of testing, sizing and formula symbols - Enhanced sustainable performance aspects, \$89.00

[IEC 62999 Ed. 1.1 b:2021](#), Electric room heating - Underfloor heating - Performance characteristics - Definitions, method of testing, sizing and formula symbols - Enhanced sustainable performance aspects, \$633.00

[IEC 62999 Amd.1 Ed. 1.0 b:2021](#), Amendment 1 - Electric room heating - Underfloor heating - Performance characteristics - Definitions, method of testing, sizing and formula symbols - Enhanced sustainable performance aspects, \$89.00

[IEC 62999 Ed. 1.1 b:2021](#), Electric room heating - Underfloor heating - Performance characteristics - Definitions, method of testing, sizing and formula symbols - Enhanced sustainable performance aspects, \$633.00

Power electronics (TC 22)

[IEC 61954 Ed. 3.0 b:2021](#), Static VAR compensators (SVC) - Testing of thyristor valves, \$310.00

[IEC 61954 Ed. 3.0 b:2021](#), Static VAR compensators (SVC) - Testing of thyristor valves, \$310.00

[S+ IEC 61954 Ed. 3.0 en:2021 \(Redline version\)](#), Static VAR compensators (SVC) - Testing of thyristor valves, \$404.00

[S+ IEC 61954 Ed. 3.0 en:2021 \(Redline version\)](#), Static VAR compensators (SVC) - Testing of thyristor valves, \$404.00

Primary cells and batteries (TC 35)

[IEC 60086-5 Ed. 5.0 b:2021](#), Primary batteries - Part 5: Safety of batteries with aqueous electrolyte, \$310.00

[IEC 60086-5 Ed. 5.0 b:2021](#), Primary batteries - Part 5: Safety of batteries with aqueous electrolyte, \$310.00

[S+ IEC 60086-5 Ed. 5.0 en:2021 \(Redline version\)](#), Primary batteries - Part 5: Safety of batteries with aqueous electrolyte, \$404.00

[S+ IEC 60086-5 Ed. 5.0 en:2021 \(Redline version\)](#), Primary batteries - Part 5: Safety of batteries with aqueous electrolyte, \$404.00

Switchgear and controlgear (TC 17)

[IEC 62271-1 Amd.1 Ed. 2.0 b:2021](#), Amendment 1 - High-voltage switchgear and controlgear - Part 1: Common specifications for alternating current switchgear and controlgear, \$13.00

[IEC 62271-1 Ed. 2.1 b:2021](#), High-voltage switchgear and controlgear - Part 1: Common specifications for alternating current switchgear and controlgear, \$569.00

[IEC 62271-1 Amd.1 Ed. 2.0 b:2021](#), Amendment 1 - High-voltage switchgear and controlgear - Part 1: Common specifications for alternating current switchgear and controlgear, \$13.00

[IEC 62271-1 Ed. 2.1 b:2021](#), High-voltage switchgear and controlgear - Part 1: Common specifications for alternating current switchgear and controlgear, \$569.00

[IEC 62271-106 Ed. 2.0 b:2021](#), High-voltage switchgear and controlgear - Part 106: Alternating current contactors, contactor-based controllers and motor-starters, \$417.00

[IEC 62271-106 Ed. 2.0 b:2021](#), High-voltage switchgear and controlgear - Part 106: Alternating current contactors, contactor-based controllers and motor-starters, \$417.00

IEC Technical Specifications

Lamps and related equipment (TC 34)

[IEC/TS 63116 Ed. 1.0 en:2021](#), Lighting systems - General requirements, \$51.00

[IEC/TS 63116 Ed. 1.0 en:2021](#), Lighting systems - General requirements, \$51.00

[IEC/TS 63117 Ed. 1.0 en:2021](#), General requirements for lighting systems - Safety, \$133.00

[IEC/TS 63117 Ed. 1.0 en:2021](#), General requirements for lighting systems - Safety, \$133.00

UHV AC transmission systems (TC 122)

[IEC/TS 63042-302 Ed. 1.0 en:2021](#), UHV AC transmission systems - Part 302: Commissioning, \$354.00

[IEC/TS 63042-302 Ed. 1.0 en:2021](#), UHV AC transmission systems - Part 302: Commissioning, \$354.00

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Heat Supply Network

Comment Deadline: October 29, 2021

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on Heat Supply Network, with the following scope statement:

Standardization in the field of HSN including design, construction, integration, control and regulation based on heating supply pipeline system

Excluded: Standardization of heat sources and space heating systems covered by ISO/TC 11 Boilers and pressure vessels – STANDBY, ISO/TC 86 Refrigeration and air-conditioning, ISO/TC 163 Thermal performance and energy use in the built environment, ISO/TC 205 Building environment design, ISO/TC 267 Facility management, ISO/TC 268 Sustainable cities and communities, ISO/TC 301 Energy management and energy savings, and IEC SyC Smart Cities, IEC SyC Smart Energy.

Note 1: Where appropriate, the ISO/TC Heat Supply Network (HSN) works in cooperation with existing committees on subjects that may support the heat supply network.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on **Friday, October 29, 2021**.

Registration of Organization Names in the United States

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

When organization names are submitted to ANSI for registration, they will be listed here alphanumerically.

Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

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

NSF/ANSI Standard for Food Equipment –

Commercial Warewashing Equipment

6.1.2 Glasswashing machines

6.1.2.1 Performance requirement

When operated in accordance with manufacturer's instructions, glasswashing machines shall render glassware free of soil and detergents.

6.1.2.2 Test method

The soil removal efficacy of glasswashing machines shall be evaluated by observing the machine's ability to remove a dry coating of buttermilk on the surface of glasses. A coating of buttermilk (1% milkfat) shall be applied to the outer lips and interior surfaces of Libbey #618⁹ milk glasses (8 oz) or the equivalent. The soiled glasses shall be inverted and allowed to drain for 45 min before being transferred to racks where they shall be allowed to air dry at 100 °F (37 °C) for 17 h. The glasses shall be arranged in the racks or directly on the conveyor according to the test patterns shown in Figure 2 for the specific machine design. The patterns shown in Figure 2 are based on standard 20" x 20" rack sizes. If a glasswashing machine is specifically designed and manufactured to accommodate fewer glasses, the patterns shall be adjusted accordingly to achieve the maximum number of glasses the glasswashing machine will accommodate in each pattern configuration. Up to two trials of each test pattern shall be subjected to a complete dishwashing machine cycle in accordance with the manufacturer's instructions. The surfaces of the glasses shall be visually inspected for any remaining buttermilk or detergent.

6.1.2.3 Acceptance criteria

The surfaces of all glasses for each pattern shall be free of visible soil and detergent. The presence of soil or detergent on glasses following a given pattern is not grounds for rejection unless soil or detergent is also present following a second, separate trial of the same pattern.

Rationale: The current test method is applicable to glasswashing machines that accommodate 20" x 20" dish-racks. The new language establishes a test method for glasswashing machines that accommodate smaller dish-racks with fewer glasses.

BSR/UL 12402-5, Standard for Personal Flotation Devices - Part 5: Buoyancy Aids (Level 50) - Safety Requirements

2. Revision to Align With UL 1123 Infant Buoyancy Aid Testing

PROPOSAL

5.6.3.1DV.6 DR Modification by adding the following new paragraphs at the end of Clause 5.6.3.1:

An infant buoyancy aid shall provide the following lateral and occipital support of the user's head so that the mouth of a relaxed individual is held clear of a still water surface, with the trunk of the body inclined backwards from the vertical.

When using the non-RTD Method for infant test subjects, the subject face plane angle for each individual shall not be less than 0°.

When using the RTD Method for infant test subjects, face plane angle for each infant test subject shall not be less than 0°.

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BSR/UL 12402-9, Standard for Personal Flotation Devices - Part 9: Test Methods

1. Revision to match UL 12402-5 Infant Buoyancy Aid update

PROPOSAL

3.34DV D1 Modification by adding Reference Test Device (RTD) definition to clause 3:

Reference Test Device (RTD)

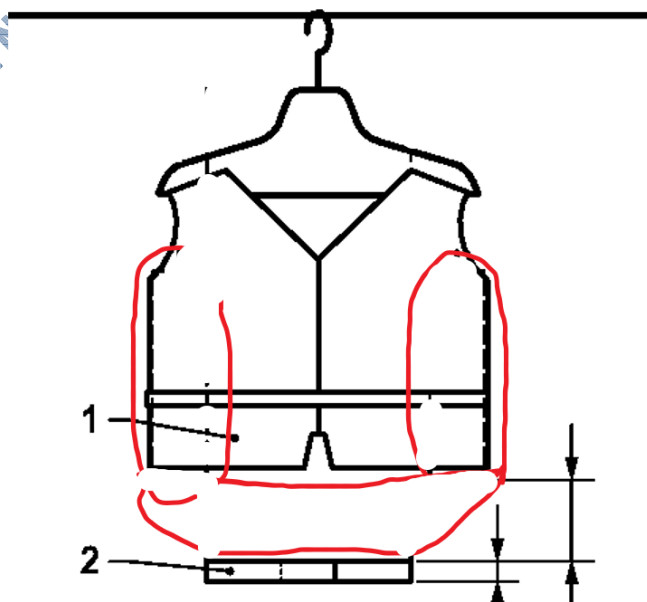
A calibrated test apparatus with known in-water performance for comparison of a candidate PFD, used in the RTD testing method.

- a) Adult RTD – USCG Model 63, used in the RTD testing method for a level 100 lifejacket intended for use by persons over 40 kg**
- b) Child RTD – USCG Model 67, used in the RTD testing method for a level 100 lifejacket intended for use by persons between 15 and 40 kg**
- c) Infant RTD (Lifejacket) – SOLAS Infant RTD, used in the RTD testing for a level 100 or 150 lifejacket intended for use by persons under 15 kg**
- d) Infant RTD (Buoyancy Aid) – USCG Model CKS-2, used in the RTD testing for a level 70 buoyancy aid intended for use by persons under 15 kg**

3. Update to the Test Pan Dimensions for Figure 10DV

PROPOSAL

**Figure 10DV
Test arrangement**



BSR/UL 217, Standard for Safety for Smoke Alarms

PROPOSALS

1. Uniformity of Operation Test

42.6 Uniformity of operation

~~42.6.1 The smoke alarms shall be uniform in operation so that the sensitivity (average of three trials) of any one smoke alarm shall be within 25 percent of the overall average of all twenty-eight smoke alarms tested in 37.4.1 (a), Test samples and data. If a smoke alarm has a variable sensitivity setting, the requirement applies to the end points of the variable range.~~

Smoke alarms shall be uniform in operation when conducting the Sensitivity Test, Section 42, as follows:

a) The sensitivity of any one smoke alarm, based on the average of at least three trials, shall be within 25 percent of the overall average when testing at least 12 alarms that are preset (as close to production calibration permits) to the nominal maximum production sensitivity (most sensitive setting); and

b) The sensitivity of any one smoke alarm, based on the average of at least three trials, shall be within 25 percent of the overall average when testing at least 12 alarms that are preset (as close to production calibration permits) to the nominal minimum anticipated production sensitivity (least sensitive setting).

42.6.1A Combination/multi-criteria smoke alarms shall be provided with a means for monitoring each principle of operation during the Sensitivity Test, Section 42.

42.6.1B If a smoke alarm has a variable sensitivity setting, the requirement in 42.6.1 applies to the end points of the variable range.

42.6.2 The measured average sensitivity of the smoke alarms shall be within 25 percent of the marked sensitivity rating or range of the smoke alarm.

42.6.3 For multi-criteria alarms that employ sensors that do not sense smoke, the sensitivity measurements for these sensors shall be within the specified operating range as defined by the manufacturer.

2. Alternative Test Procedure for Temperature Cycling (TCT) -- Quality Conformance Criteria

**Table C3.1
Minimum screening programs**

Hermetic and plastic packages	
1. Internal visual (Method 2010.1 condition B modified)	100 percent ^a
2. Bond strength (Method 2011)	Sample basis ^a
3. Stabilization bake (Method 1008C, 150°C, 24 hours)	100 percent ^b

4. Temperature cycling (Method 1010C, minus 55°C to 150°C, 10 cycles)	100 percent ^e
5. Seal (fine leak, Method 1014B, 5×10^{-8} cc/Sec)	100 percent ^c
6. Seal (gross leak - Method 1014B fluorocarbon)	100 percent
7. Functional electrical, 25°C	100 percent
8. External visual, Method 2009	100 percent
9. Quality conformance	AQL 1.5 percent per MIL-STD 105 Level II
A. Functional electrical, 25 °C	
B. Temperature cycling (Method 1010C, minus 55°C to 125°C, 10 cycles)	
C. Seal (Fine leak, Method 1014B 5×10^{-8} cc/sec) ^d	
D. External visual, Method 2009	
Plastic packages	
1. Internal visual (Method 2010.1 condition B modified)	100 percent ^a
2. Bond strength (Method 2011)	Sample basis ^a
3. Temperature cycling (Method 1010C, minus 55°C to 125°C, 10 cycles or minus 40°C to 85°C, 43 cycles for package material sets less than 125 °C)	100 percent ^{e, f}
4. Functional electrical test, 25°C	100 percent
5. External visual, Method 2009	100 percent
6. Quality conformance	AQL 1.5 percent per MIL-STD 105 Level II
A. Functional electrical test, 25°C	
B. Temperature cycling (Method 1010C, minus 55°C to 125°C, 10 cycles) <u>or</u> minus 40°C to 85°C, 43 cycles for package material sets less than 125°C) ^g	
C. External visual, Method 2009	
^a Modified procedures or sample lot sizes shall be submitted for review.	
^b The stabilization bake shall not be required only when the production process includes equivalent conditioning.	
^c Shall be reduced to 1.5 percent AQL only when the vendor's first lot of 25,000 units shows statistical justification.	
^d Shall not be required only when justified by the reject rate in item 5.	
^e It is permissible to substitute either condition B or C of thermal shock Method 1011.1.	
^f Shall not be required only when the sample lot used in the burn-in test is subjected to 100 cycles of the temperature cycling <u>or equivalent condition of minus 40°C to 85°C 430 cycles for package material sets less than 125°C</u> , and no devices fail as a result of the temperature cycling. The manufacturer shall then perform an annual audit of the device package type. It is permissible for this audit to be in the form of choosing samples from the same package type and subjecting them to the Temperature Cycling or	

Thermal Shock (Method 1010C or 1011.1, Conditions B or C, MIL-STD-883D). Records shall be maintained for inspection. (MIL-STD-883D). Records shall be maintained for inspection.

9 Shall not be required when footnote "f" has been satisfied for all sub-components, and the manufacturer has provided justification of their statistical process controls achieving an AQL of 1.5 percent or better which would warrant the removal of temperature cycling testing without reducing outgoing product quality (JEP121). The manufacturer shall then perform a periodic audit every three months of the device from random production lots and subjecting them to the Temperature Cycling or Thermal Shock (Method 1010C or 1011.1, Conditions B or C, or equivalent condition of minus 40°C to 85°C, 43 cycles for package material sets less than 125°C, MIL-STD-883D). All results from this testing shall be maintained for inspection but will not gate release of the production lots while testing occurs. (MIL-STD-833D). The manufacturer shall provide details and justification showing their in-line process controls and gates satisfy AQL 1.5 percent or better (MIL-STD 105).

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