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CONTENTS

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Project Initiation Notification System (PINS)

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

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB BPR 206-202x, Best Practice Recommendation for Mass Fatality Incident Management (new standard)
Stakeholders: Medicolegal authorities (medical examiners and/or coroners), Office of Emergency Management (OEM), federal entities participating in Mass Fatality Incidents.

Project Need: The document seeks to integrate the functioning of multiple disciplines in mass fatality preparedness that is typical of local medicolegal entities and provides the theoretical basis for the other DVI documents. The legal authority for conducting disaster victim recovery and identifications resides solely with the medicolegal authority in the jurisdiction where the disaster incident occurred. This document is intended for the medicolegal authority responsible for the overall management of the disaster victim identification operations.

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

This document provides best practice recommendations on the fundamental management considerations to be addressed in planning for and implementing a comprehensive disaster victim identification (DVI) operation.

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME B16.15-202x, Cast Copper Alloy Threaded Fittings (revision of ANSI/ASME B16.15-2018)
Stakeholders: Manufacturers

Project Need: This standard will cover the reference updates for Classes 125 and 250 copper alloy threaded pipe fittings

Interest Categories: AC Designer/Constructor, AD Distributor, AF General Interest, AH Insurance/Inspection, AK Manufacturer, AM Material Manufacturer, AT Regulatory, AW User

This Standard covers cast Classes 125 and 250 copper alloy threaded pipe fittings with provisions for substituting wrought copper alloys for plugs, bushings, caps, and couplings in small sizes. This Standard includes the following: (a) pressure–temperature ratings, (b) size and method of designating openings of reducing pipe fittings, (c) marking requirements, (d) minimum requirements for casting quality and materials, (e) dimensions and tolerances in SI (metric) and U.S. Customary units, (f) threading requirements (g) pressure test requirements.

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME B16.26-202x, Cast Copper Alloy Fittings for Flared Copper Tubes (revision of ANSI/ASME B16.26-2018)
Stakeholders: Manufacturers

Project Need: This standard is needed to update the references last shown in the 2018 edition of B16.26

Interest Categories: AC Designer/Constructor, AD Distributor, AF General Interest, AH Insurance/Inspection, AK Manufacturer, AM Material Manufacturer, AT Regulatory, AW User

This Standard establishes specifications for cast copper alloy fittings and nuts used with flared seamless copper tube conforming to ASTM B88 (water and general plumbing systems). Included are requirements for the following: (a) pressure ratings, (b) size, (c) marking, (d) material, (e) dimensions, (f) threading, and (g) hydrostatic testing.

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

Tim Fisher <TFisher@ASSP.org> | 520 N. Northwest Highway | Park Ridge, IL 60068 www.assp.org

Revision

BSR/ASSP A10.18-202X, Safety Requirements for Temporary Roof and Floor Holes, Wall Openings, Stairways, and Other Unprotected Edges in Construction and Demolition Operations (revision and redesignation of ANSI/ASSP A10.18-2023)
Stakeholders: Occupational Safety and Health professionals in construction work areas.

Project Need: Based upon the consensus of the A10 Committee

Interest Categories: Consultants and Related Interests; Employee/Labor; Employer/User; Technical

This standard prescribes rules and establishes minimum safety requirements for the protection of employees and the public from hazards arising out of or associated with temporary roof and floor holes, wall openings, stairways, and other unprotected sides and edges, roofs, during construction and demolition activities. This standard applies only to those instances when the leading edge work is inactive and is not currently under construction and is, therefore, considered an unprotected side and edge.

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

Tim Fisher <TFisher@ASSP.org> | 520 N. Northwest Highway | Park Ridge, IL 60068 www.assp.org

Revision

BSR/ASSP A10.48-202X, Criteria for Safety Practices with the Construction, Demolition, Modification, and Maintenance of Communication Structures (revision and redesignation of ANSI/ASSP A10.48-2023)
Stakeholders: Occupational safety and health professionals and any stakeholders impacted by the scope of the proposed standard

Project Need: Based upon the consensus of the ANSI/ASSE A10 Committee and stakeholders using the standard

Interest Categories: Consultants and Related Interests; Employee/Labor; Employer/User; Technical

This standard establishes minimum criteria for safe work practices and training for personnel performing work on communication structures including antenna and antenna-supporting structures, broadcast, and other similar structures supporting communication-related equipment.

ASSP (Safety) (American Society of Safety Professionals)

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

New Standard

BSR/ASSP A1264.4-202x, Safety Requirements for Ballasted Style Guardrail Systems (new standard)
Stakeholders: Walking/Working and Fall Protection Safety Professionals

Project Need: Based upon the consensus of the A1264 Committee and the ASSP Leadership

Interest Categories: OSH Professionals

This standard establishes requirements for the performance, design, testing, marking, and instructions for use of manufactured free-standing guardrails that employ counterweighting masses and friction to protect a fall hazard without being fixed to a structure.

ASSP (Safety) (American Society of Safety Professionals)

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

Revision

BSR/ASSP Z359.1-202x, The Fall Protection Code (revision of ANSI/ASSP Z359.1-2020)
Stakeholders: Fall Protection Safety Professionals

Project Need: Based upon the consensus of the Z359 Committee and the ASSP Leadership

Interest Categories: Fall Protection Safety Professionals

The Fall Protection Code is a set of standards that covers program management; system design; training; qualification and testing; equipment, component and system specifications for the processes used to protect workers at height in a managed fall protection program. This standard identifies those requirements and establishes their role in the Fall Protection Code and their interdependence.

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK88277-202x, New Practice for Abrasive-Blasting Operations - Ventilation and Safe Practices for Fixed Location Enclosures (new standard)
Stakeholders: Industrial Ventilation Systems Industry

Project Need: Transferring Z9 standard to ASTM

Interest Categories: General, Producer, User

Ventilation and safe practices for fixed location enclosures.

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK88278-202x, New Practice for Laboratory Ventilation (new standard)
Stakeholders: Industrial Ventilation Systems Industry

Project Need: Primary purpose of this work item is to bring an existing ANSI standard into ASTM

Interest Categories: Producer, User, General Interest

This standard applies to the ventilation in most laboratories and is written for all laboratory ventilation stakeholders. An emphasis is placed on those with legal responsibilities and liability for providing a safe laboratory. However, users/operators, industrial hygienists, other safety and environmental professionals will also find the standard written for their needs.

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK88326-202x, New Practice for Testing and Performance-Verification Methodologies for Biosafety Level 3 (BSL-3) and Animal Biosafety Level 3 (ABSL-3) Ventilation Systems (new standard)
Stakeholders: Industrial Ventilation Systems Industry

Project Need: Conversion of existing Z9.11 standard to ASTM format

Interest Categories: Producer, User, General Interest

Hazardous materials identified or generated from the facility decommissioning process are subject to intense regulation and present significant potential liabilities. The need to improve characterization and management of these wastes is a primary driver for development of improved decommissioning strategies. Research laboratory facilities and their associated spaces pose unique decommissioning concerns because of the nature of the use of workspace. The intent of this standard is to address a decommissioning approach specifically for research laboratories that may then be applied to other types of facilities, if appropriate. The scope of this standard was narrowed to five elements: (1) Provides guidance for the decommissioning of all or parts of laboratory facilities; (2) Provides guidance to determine extent of acceptable risk given the future use of the facility (3) Provides methodologies to document, monitor, and verify the decommissioning process; (4) Identifies stakeholders, their roles, responsibilities, and relationships; (5) Provides criteria for development of a decommissioning plan for laboratories that addresses human health, safety and environmental protection and meets the goals of the overall decommissioning process.

BHMA (Builders Hardware Manufacturers Association)

Michael Tierney <mtierney@kellencompany.com> | 17 Faulkner Drive | Niantic, CT 06357 www.buildershardware.com

Revision

BSR/BHMA A156.5-202x, Standard for Cylinders and Input Devices for Locks (revision of ANSI/BHMA A156.5-2020)
Stakeholders: Producers, architects, users, laboratories, specifiers

Project Need: Routine five-year update

Interest Categories: User, producer, government, testing lab, general interest

ANSI/BHMA A156.5 establishes requirements for mechanical cylinders, electrified input devices, and push button mechanisms, which include operational and strength tests.

BHMA (Builders Hardware Manufacturers Association)

Michael Tierney <mtierney@kellencompany.com> | 17 Faulkner Drive | Niantic, CT 06357 www.buildershardware.com

Revision

BSR/BHMA A156.39-202x, Standard for Residential Locksets and Latches (revision of ANSI/BHMA A156.39-2020)
Stakeholders: Producers, architects, users, labs, specifiers

Project Need: Routine five-year update

Interest Categories: User, producer, government, testing lab, general interest

This Standard establishes performance requirements for bored residential locksets and latches, and includes durability, security, finish tests. Residential locksets and latches are generally used for single family homes and multifamily dwellings.

BHMA (Builders Hardware Manufacturers Association)

Michael Tierney <mtierney@kellencompany.com> | 17 Faulkner Drive | Niantic, CT 06357 www.buildershardware.com

Revision

BSR/BHMA A156.40-202x, Standard for Residential Deadbolts (revision of ANSI/BHMA A156.40-2020)
Stakeholders: Producers, architects, users, laboratories, specifiers

Project Need: Routine five-year update

Interest Categories: User, producer, government, testing lab, general interest

ANSI/BHMA A156.40 establishes requirements for residential deadbolts and deadlatches, and includes durability, security, and finish tests. Residential deadbolt and deadlatches are generally used for single family homes and multifamily dwellings.

BIFMA (Business and Institutional Furniture Manufacturers Association)

Anthony Serge <aserge@bifma.org> | 678 Front Avenue NW, Suite 150 | Grand Rapids, MI 49504-5368 www.bifma.org

Revision

BSR/BIFMA X5.6-202x, Panel Systems (revision of ANSI/BIFMA X5.6-2016 (R2021))
Stakeholders: Furniture manufacturers, suppliers, specifiers, test labs and users

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 panel systems.

Interest Categories: Producers/Manufacturers, Engineering & Testing/Standards User, Supply Chain, General Interest

This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of panel systems products, such as panels, screens, panel-supported systems, access doors, and various hang-on components used in conjunction with panel systems products.

BIFMA (Business and Institutional Furniture Manufacturers Association)

Anthony Serge <aserge@bifma.org> | 678 Front Avenue NW, Suite 150 | Grand Rapids, MI 49504-5368 www.bifma.org

Revision

BSR/BIFMA X5.9-202x, Storage Units (revision of ANSI/BIFMA X5.9-2019)
Stakeholders: Furniture manufacturers, suppliers, specifiers, test labs and users

Project Need: This standard is intended to provide manufacturers, Specifiers and users with a common basis for evaluating the safety, durability and structural performance of storage units.

Interest Categories: Producers/Manufacturers, Engineering & Testing/Standards User, Supply Chain, General Interest

This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural performance of storage units. Storage units are products designed for use in commercial and institutional environments and are freestanding, mobile, and wall-mounted. Storage units include, but are not limited to, bookcases, wardrobes, cabinets, wall-mounted or exterior-mounted elements (such as shelf assemblies), freestanding and mobile pedestals, lateral and vertical files.

CTA (Consumer Technology Association)

Catrina Akers <cakers@cta.tech> | 1919 South Eads Street | Arlington, VA 22202 www.cta.tech

Revision

BSR/CTA 2049-B-202x, Determination of Small Network Equipment Average Energy Consumption (revision of ANSI/CTA 2049-A-2020)
Stakeholders: Consumer, manufacturers, retailers

Project Need: To revise the standard to include multi-gig ports on a device, potentially to redefine "idle state" for clarification and to more accurately represent the state, update the WAN interface precedence, as well as modifications to align with the North American Voluntary Agreements and the European Broadband Code of Conduct.

Interest Categories: General interest, users and producers

This standard defines procedures for measuring Small Network Equipment (SNE) energy consumption.

NAAMM (National Association of Architectural Metal Manufacturers)

Ike Flory <ifnaamm@gmail.com> | 1533 Pine Grove Lane | Chesapeake, VA 23321 www.naamm.org

Revision

BSR/NAAMM HMMA 801-202x, Glossary of Terms for Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 801-2012 (R2018))
Stakeholders: Engineers, architects, and members of the Hollow Metal industry.

Project Need: This standard provides a list of terms and their definition relative to the hollow metal industry.

Interest Categories: Producers: An individual or entity that manufactures architectural metal products. Users: Both individuals and representatives of organized groups that purchase, use, or specify architectural metal products. General Interest: This category includes, but is not limited to, inspectors, technical societies, regulatory agencies (state and federal), researchers, and educators.

This standard provides a list of terms and their definition relative to the hollow metal industry. Written and graphic descriptions of terms are presented.

NAAMM (National Association of Architectural Metal Manufacturers)

Ike Flory <ifnaamm@gmail.com> | 1533 Pine Grove Lane | Chesapeake, VA 23321 www.naamm.org

Reaffirmation

BSR/NAAMM MBG 534-2014 (R202x), Metal Bar Grating Engineering Design Manual (reaffirmation of ANSI/NAAMM MBG 534-2014)
Stakeholders: Engineers, industries, building owners, municipalities.

Project Need: This Metal Bar Grating Engineering Design Manual sets forth procedures used in design calculations for metal bar gratings. In the cases which the standard tables do not cover a particular design application, the document provides engineering guidance.

Interest Categories: Producers: An individual or entity that manufactures architectural metal products. Users: Both individuals and representatives of organized groups that purchase, use, or specify architectural metal products. General Interest: This category includes, but is not limited to, inspectors, technical societies, regulatory agencies (state and federal), researchers, and educators.

This manual was developed by representative members of the Metal Bar Grating Division (MBG) of the National Association of Architectural Metal Manufacturers (NAAMM) to provide their opinion and guidance on the procedures used in design calculations for metal bar grating. This standard is approaching the point in time when it requires reaffirmation and/or revision.

NECA (National Electrical Contractors Association)

Kyle Krueger <Kyle.Krueger@necanet.org> | 1201 Pennsylvania Avenue, Suite 1200 | Washington, DC 20004 www.neca-neis.org

New Standard

BSR/NECA 714-202X, Recommended Practice for the Fire Stopping Electrical Penetrations (new standard)
Stakeholders: Electrical Contractors and their Customers, Inspectors, Specifiers, Electricians, and Engineers

Project Need: National Electrical Installation Standards (developed by NECA inpartnership with other industry organizations) are the fi rst performancestandards for electrical construction. They go beyond the basic safetyrequirements of the National Electrical Code to clearly defi ne what is meantby installing products and systems in a "neat and workmanlike" manner.

Interest Categories: Construction, General Interest, Producer, & Government

This Recommended Practice covers the installation of passive fire protection materials, components, and systems used to firestop electrical penetrations. It applies to Listed fire barrier materials, components, and systems, including:
- Blocks, Plugs, and Planks;
- Tuck-In Wrap and Tapes;
- Sealants, Mortar, Putty, Spray, and Foam;
- Plastic Pipe Devices;
- Sleeve Kits, Brackets, Collars, and Anchors;

Cast-In Devices and Adapters; and
Pillows, Sheets, Blankets, and Mats.

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

Reaffirmation

BSR/ICEA S-103-701-2018 (R202x), Riser Cables Technical Requirements (reaffirmation of ANSI ICEA S-103-701-2018)
Stakeholders: Wire Manufacturers, Builders and Installers

Project Need: Periodic Review of Standard

Interest Categories: Producers, Users, and General Interest

This Standard covers mechanical, electrical, and flammability requirements for riser cables. Depending upon the application and system requirements, this Standard provides choices for materials and transmission characteristics. For those characteristics where no differentiation is made, the performance requirements are applicable to all cables. Selection of the applicable type shall be at the discretion of the user and shall be designated in the product specification.

RESNET (Residential Energy Services Network, Inc.)

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

New Standard

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

Stakeholders: Home builders, home energy raters, materials manufacturers, contractors, architects, engineers, energy modeling software developers, the residential real estate industry, local, state and national regulators, building code officials, utilities and their program administrators and evaluators, air quality regulators and emissions evaluators, ESG consultants/evaluators.

Project Need: The assessment of CO2e emissions embodied in building construction materials needs a standardized method for estimating emissions based on long-run marginal emission rates. Current methods are inadequate and overestimate emissions for electrical manufacturing processes significantly. Standards for calculating embodied carbon in the construction materials for buildings will need improved methods for estimating emissions to establish fair and equitable assessments.

Interest Categories: Producers, parties who conduct CO2e emissions assessments for facilities that consume electricity and fuels. Users, parties who use CO2e emissions assessments of facilities that consume electricity and fuels. General Interest, parties including but not limited to consumers, governmental entities, public and private laboratories, institutes, colleges, and universities.

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

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: December 17, 2023

NSF (NSF International)

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

Revision

BSR/NSF 4-202x (i36r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2022)
Equipment covered by this standard includes, but is not limited to, ranges, ovens, fat / oil fryers, fat / oil filters, griddles, tilting griddle skillets, broilers, steam and pressure cookers, kettles, rotisseries, toasters, coffee makers and other hot beverage makers, component water heating equipment, proofing boxes and cabinets, hot food holding equipment, rethermalization equipment, and hot food transport cabinets.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Allan Rose <arose@nsf.org>

NSF (NSF International)

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

Revision

BSR/NSF 49-202x (i192r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2022)
This standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to Biosafety Levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this standard.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Allan Rose <arose@nsf.org>

Comment Deadline: December 17, 2023

NSF (NSF International)

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

Revision

BSR/NSF 53-202x (i157r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2022)
The POU and POE systems addressed by this standard are designed to be used for the reduction of specific substances that may be present in drinking water (public or private) considered to be microbiologically safe and of known quality. Systems covered under this standard are intended to reduce substances that are considered established or potential health hazards.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: mmilla@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 350-202x (i81r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2022)
This standard contains minimum requirements for onsite residential and commercial water reuse treatment systems. Systems include greywater treatment systems; residential wastewater treatment systems; and commercial treatment systems.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Jason Snider <jsnider@nsf.org>

NSF (NSF International)

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

Revision

BSR/NSF 419-202x (i11r1), Public Drinking Water Equipment Performance - Filtration (revision of ANSI/NSF 419 -2018)
This standard is designed to describe the performance evaluation (PE) test procedure for the product specific challenge testing (PSCT) of full scale UF and MF membrane modules, bag filters, and cartridge filters for the removal of microbial contaminants.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: melslie@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF/CAN 50-202x (i207r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2023)
This standard covers materials, chemicals, components, products, equipment and systems related to public and residential recreational water facility operation.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Jason Snider <jsnider@nsf.org>

Comment Deadline: December 17, 2023

ULSE (UL Standards & Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | griff.edwards@ul.org, https://ulse.org/

Revision

BSR/UL 448C-202x, Standard for Stationary, Rotary-Type, Positive-Displacement Pumps for Fire-Protection Service (revision of ANSI/UL 448C-2023)
1. Pump Marking Update
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 746A-202x, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2023)
This proposal involves the correction of the definition of Regrind in Paragraph 4.5 of UL 746A.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Derrick Martin; Derrick.L.Martin@ul.org

Comment Deadline: January 1, 2024

AAFS (American Academy of Forensic Sciences)

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

Revision

BSR/ASB BPR 144 Addendum-202x, Addendum to Best Practice Recommendations for the Verification Component in Friction Ridge Examination (revision of ANSI/ASB BPR 144-2022)
This document provides best practice recommendations for conducting the verification phase during friction ridge impression examinations. These recommendations apply to both suitability determinations and resulting conclusions addressing verification considerations (e.g., extent, utility, case type, approach), types of verification and application options, and documentation. This document does not address technical review.
Single copy price: Free
Obtain an electronic copy from: Document and comments template can be viewed on the AAFS Standards Board website at: www.aafs.org/academy-standards-board
Send comments (copy psa@ansi.org) to: asb@aafs.org

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Arlington, VA 22203 | mmiskell@aami.org, www.aami.org

National Adoption

BSR/AAMI/ISO 11137-2-202x/A1-202X, Sterilization of health care products-Radiation-Part 2: Establishing the sterilization dose-Amendment 1 (identical national adoption of ISO 11137-2:2013/Amd 1:2022)
This amendment adds new normative references; adds a subclause to clause 6, Methods of dose establishment; updates clause 9 title, as well as updates subclause 9.1 title and text.
Single copy price: Free
Obtain an electronic copy from: Mike Miskell; mmiskell@aami.org
Send comments (copy psa@ansi.org) to: Mike Miskell; mmiskell@aami.org

Comment Deadline: January 1, 2024

AAMI (Association for the Advancement of Medical Instrumentation)
901 N. Glebe Road, Suite 300, Arlington, VA 22203 | tkim@aami.org, www.aami.org

Reaffirmation

BSR/AAMI/ISO 11138-3 (R202x), Sterilization of health care products-Biological indicators-Part 3: Biological indicators for moist heat sterilization processes (reaffirm a national adoption ANSI/AAMI/ISO 11138-3-2017)
Specifies requirements for test organisms, suspensions, inoculated carriers, biological indicators, and test methods intended for use in assessing the performance of sterilization processes employing moist heat as the sterilizing agent.
Single copy price: Free
Obtain an electronic copy from: Thomas Kim, tkim@aami.org
Send comments (copy psa@ansi.org) to: Thomas Kim, tkim@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)
901 N. Glebe Road, Suite 300, Arlington, VA 22203 | tkim@aami.org, www.aami.org

Reaffirmation

BSR/AAMI/ISO 11138-4 (R202x), Sterilization of health care products-Biological indicators-Part 4: Biological indicators for dry heat sterilization processes (reaffirm a national adoption ANSI/AAMI/ISO 11138-4-2017)
Provides specific requirements for test organisms, suspensions, inoculated carriers, biological indicators, and test methods intended for use in assessing the performance of sterilization processes employing dry heat as the sterilizing agent at sterilizing temperatures within the range of 120°C to 180°C.
Single copy price: Free
Obtain an electronic copy from: Thomas Kim, tkim@aami.org
Send comments (copy psa@ansi.org) to: Thomas Kim, tkim@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)
901 N. Glebe Road, Suite 300, Arlington, VA 22203 | tkim@aami.org, www.aami.org

Reaffirmation

BSR/AAMI/ISO 11138-5 (R202x), Sterilization of health care products-Biological indicators-Part 5: Biological indicators for low-temperature steam and formaldehyde sterilization processes (reaffirm a national adoption ANSI/AAMI/ISO 11138-5-2017)
Specifies requirements for test organisms, suspensions, inoculated carriers, biological indicators and test methods intended for use in assessing the performance of sterilization processes employing low-temperature steam and formaldehyde as the sterilizing agent.
Single copy price: Free
Obtain an electronic copy from: Thomas Kim, tkim@aami.org
Send comments (copy psa@ansi.org) to: Thomas Kim, tkim@aami.org

Comment Deadline: January 1, 2024

AAMI (Association for the Advancement of Medical Instrumentation)

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

Revision

BSR/AAMI ST58-202x, Chemical sterilization and high-level disinfection in health care facilities (revision of ANSI/AAMI ST58-2013 (R2018))
This standard provides guidelines for the selection and use of liquid chemical sterilants (LCSs)/high-level disinfectants (HLDs) and gaseous chemical sterilizers that have been cleared for marketing by the U.S. Food and Drug Administration (FDA) for use in hospitals and other health care facilities. These guidelines are intended to assist health care personnel in the safe and effective use of gaseous chemical sterilizing systems, LCSs/HLDs, and associated equipment.
Single copy price: Free
Obtain an electronic copy from: Thomas Kim, tkim@aami.org
Send comments (copy psa@ansi.org) to: Thomas Kim, tkim@aami.org

ASIS (ASIS International)

1625 Prince Street, Alexandria, VA 22314-2818 | standards@asisonline.org, www.asisonline.org

New Standard

BSR/ASIS CAN-202x, Cannabis Security (new standard)
This Standard provides requirements and guidance for the design, implementation, monitoring, evaluation, and maintenance of a cannabis security program. It also provides guidance and minimum-security requirements on the identification, application, and management of physical protection systems (PPS) to safeguard an organization's assets (e.g., people, property, and information) for cannabis operations, as well as the storage and transport. In some cases, the requirements of this Standard may exceed those required for compliance for the location (jurisdiction) of operation.
Single copy price: $25.00
Obtain an electronic copy from: https://www.asisonline.org/publications--resources/standards--guidelines/
Send comments (copy psa@ansi.org) to: Aivelis Opicka <standards@asisonline.org>

AWI (Architectural Woodwork Institute)

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

New Standard

BSR/AWI 0622.0646-202x, Millwork & Wood Trim (new standard)
Provide standards and tolerances for the quality and fit of catalog and made-to-order millwork, shop-fabricated assemblies, and related interior and exterior finishes.
Single copy price: Free
Obtain an electronic copy from: http://gotoawi.com/standards/awi06220646.html#
Send comments (copy psa@ansi.org) to: https://docs.google.com/forms/d/e/1FAIpQLSffAStM4FFt0xOq7185IDW1yJkrCgjRi8nJKzcykegK9RXWAQ/viewform?usp=sharing

Comment Deadline: January 1, 2024

AWI (Architectural Woodwork Institute)

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

New Standard

BSR/AWI 0642-202x, Wood Paneling (new standard)
Provide standards and tolerances for the quality and fit of wall and ceiling surface paneling, components, and related interior finishes. Establishing aesthetic and performance standards for wall and ceiling surface paneling composed of solid wood, wood veneer applied to core materials, decorative laminate clad panels, solid surface, and solid phenolic. Includes standards for matching of veneers and panels within building areas.
Single copy price: Free
Obtain an electronic copy from: http://gotoawi.com/standards/awi0642.html
Send comments (copy psa@ansi.org) to: https://forms.gle/h5dsJWxHSUWpfnjo6

AWI (Architectural Woodwork Institute)

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

New Standard

BSR/AWI 1235-202x, Specialty Casework (new standard)
To provide aesthetic and structural performance standards for specialty casework products designed and manufactured for specific construction projects.
Single copy price: Free
Obtain an electronic copy from: http://gotoawi.com/standards/awi1235.html
Send comments (copy psa@ansi.org) to: https://docs.google.com/forms/d/e/1FAIpQLScIFJvwjAxIKRdL4yoJ-4yJ-wgoUY0wFDnQmUCoyuq8MRgTng/viewform?usp=sharing

AWI (Architectural Woodwork Institute)

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

Revision

BSR/AWI 0620-202x, Finish Carpentry/Installation (revision of ANSI/AWI 0620-2018)
To provide aesthetic and structural performance standards for the installation of products included in the scope of AWI Standards.
Single copy price: Free
Obtain an electronic copy from: http://gotoawi.com/standards/awi0620.html
Send comments (copy psa@ansi.org) to: https://docs.google.com/forms/d/e/1FAIpQLSd2d14ituE9vTI-WheVbLILGpkIIdEnq9X92hz9BliHEimv-Q/viewform?usp=sharing

AWS (American Welding Society)

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

New Standard

BSR/AWS C3.11M/C3.11-202x, Specification for Torch Soldering (new standard)
This specification describes relevant equipment, fabrication procedures, and quality (inspection) requirements for the torch soldering of materials. This document includes criteria for classifying torch-soldered joints based on loading and the consequences of failure and quality assurance criteria defining the limits of acceptability in each class.
Single copy price: $28.00 (member) / $38.00 (non-member)
Obtain an electronic copy from: Kevin Bulger <kbulger@aws.org>
Send comments (copy psa@ansi.org) to: Kevin Bulger <kbulger@aws.org>

Comment Deadline: January 1, 2024

AWS (American Welding Society)

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

Revision

BSR/AWS C3.12M/C3.12-202x, Specification for Furnace Soldering (revision of ANSI/AWS C3.12M/C3.12-2017)
This specification provides the minimum requirements for equipment, materials, processing procedures as well as inspection for metal and ceramic base materials that can be furnace soldered. This specification provides criteria for classifying furnace-soldered joints based on loading and the consequences of failure. It also provides quality assurance criteria that define the limits of acceptability in each class. This specification describes acceptable furnace soldering equipment, materials, and procedures, as well as the required inspection for each class of solder joint so produced.
Single copy price: $28.00 (member) / $38.00 (non-member)
Obtain an electronic copy from: Kevin Bulger <kbulger@aws.org>
Send comments (copy psa@ansi.org) to: Kevin Bulger <kbulger@aws.org>

HI (Hydraulic Institute)

300 Interpace Parkway, Building A, 3rd Floor, #280, Parsippany, NJ 07054 | asisto@pumps.org, www.pumps.org

Reaffirmation

BSR/HI 14.4-2018 (R202x), Rotodynamic Pumps for Installation, Operation, and Maintenance (reaffirmation and redesignation of ANSI/HI 14.4-2018)
This is a reaffirmation of the ANSI/HI 14.4 Rotodynamic Pumps for Installation, Operation, and Maintenance standard published in 2018. The document has undergone a review by a small workgroup included the previous committee leadership. Upon discussion, the workgroup decided to reaffirm the document. The reaffirmation only includes editorial updates to text for clarity.
Single copy price: $135.00
Obtain an electronic copy from: HITechnical@pumps.org
Send comments (copy psa@ansi.org) to: HITechnical@pumps.org

NAAMM (National Association of Architectural Metal Manufacturers)

1533 Pine Grove Lane, Chesapeake, VA 23321 | ifnaamm@gmail.com, www.naamm.org

Revision

BSR/NAAMM HMMA 840-202x, Guide Specifications for Receipt, Storage, and Installation of Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 840-2017)
This revision of an existing standard is intended to comply with ANSI's Commercial Terms and Conditions Policy. This standard has been developed by the HMMA Division of NAAMM to provide guidance in receiving, storing, and installing hollow metal doors and frames.

Single copy price: $25.00
Obtain an electronic copy from: https://www.naamm.org/ansi-information
Send comments (copy psa@ansi.org) to: Ike Flory, ifnaamm@gmail.com

Comment Deadline: January 1, 2024

NAAMM (National Association of Architectural Metal Manufacturers)

1533 Pine Grove Lane, Chesapeake, VA 23321 | ifnaamm@gmail.com, www.naamm.org

Revision

BSR/NAAMM MBG 531-202x, Metal Bar Grating Manual (revision of ANSI/NAAMM MBG 531-2017)
This revision of an existing standard is intended to comply with ANSI's Commercial Terms and Conditions Policy.
This standard has been developed by the MBG Division of NAAMM to provide technical data, specifications, and recommended practices applicable to steel, stainless steel, and aluminum gratings
Single copy price: $25.00
Obtain an electronic copy from: https://www.naamm.org/ansi-information
Send comments (copy psa@ansi.org) to: Ike Flory, ifnaamm@gmail.com

NAAMM (National Association of Architectural Metal Manufacturers)

1533 Pine Grove Lane, Chesapeake, VA 23321 | ifnaamm@gmail.com, www.naamm.org

Revision

BSR/NAAMM MBG 532-202x, Heavy Duty Metal Bar Grating Manual (revision of ANSI/NAAMM MBG 532-2019)
This revision of an existing standard is intended to comply with ANSI's Commercial Terms and Conditions Policy.
This standard has been developed by the MBG Division of NAAMM to provide essential technical data concerning heavy-duty bar gratings of both structural carbon steel and stainless steel. The standard includes information on types of gratings, fabrication, dimensional standards, load tables, installation, and guide specifications.
Single copy price: $25.00
Obtain an electronic copy from: https://www.naamm.org/ansi-information
Send comments (copy psa@ansi.org) to: Ike Flory, ifnaamm@gmail.com

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-113-684-202x, Performance Based Standard for Electric Utility Extruded Dielectric Shielded Power Cables Rated 5 Through 46 Kv (revision of ANSI/ICEA S-113-684-2016)
This standard provides the basis for designing non-traditional shielded power cables that will be rated 5 to 46 kV and be used for the transmission and distribution of electrical energy. These non-traditional cables will normally have overall diameters that are less than the diameters of what are considered traditional shielded power cables as specified in ICEA Standards S-94-649 and S-97-682.
Single copy price: $145.00
Obtain an electronic copy from: communication@nema.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: January 1, 2024

NEMA (National Electrical Manufacturers Association)

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

Revision

BSR/NEMA 10250-202X, Enclosures for Electrical Equipment (1000 Volts Maximum) (revision and redesignation of ANSI/NEMA 250-2020)
This Standard covers enclosures for electrical equipment rated not more than 1000 Volts and intended to be installed and used as follows: (a) enclosures for indoor locations, Types 1, 2, 5, 12, 12K, and 13; (b) enclosures for indoor or outdoor locations, Types 3, 3X, 3R, 3RX, 3S, 3SX, 4, 4X, 6, and 6P; and (c) enclosures for hazardous (classified) locations Types 7 and 9. This revision includes various updates to NEMA 10250 (formerly NEMA 250) as it has been given a new naming designation. These revisions include a corrosion hose-down ancillary ratings.
Single copy price: $199.00
Obtain an electronic copy from: https://www.nema.org/standards/view/Enclosures-for-Electrical-Equipment
Send comments (copy psa@ansi.org) to: Casey Granata, Casey.Granata@nema.org

NSF (NSF International)

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

Revision

BSR/NSF/CAN 50-202x (i168r7), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2023)
This standard covers materials, chemicals, components, products, equipment, and systems related to public and residential recreational water facility operation.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/higherlogic/ws/public/document?document_id=71608&wg_id=c50f353e-98fa-494f-827e-018976f8afcd
Send comments (copy psa@ansi.org) to: jsnider@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF/CAN 60-202x (i97r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF/CAN 60-2021)
This standard contains health effects requirements for drinking water treatment chemicals that are directly added to water and are intended to be present in the finished water. This standard also contains health effects requirements for other chemical products that are directly added to water but are not intended to be present in the finished water.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/higherlogic/ws/public/download/71782/60i97r1%20-%20Mn%20Requirements%20-%20JC%20Memo%20%26%20ballot.pdf
Send comments (copy psa@ansi.org) to: mleslie@nsf.org

Comment Deadline: January 1, 2024

SCTE (Society of Cable Telecommunications Engineers)
140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

Revision

BSR/SCTE 135-03 202x, DOCSIS 3.0 Part 3: Security Services (revision of ANSI/SCTE 135-03-2019)
This standard is part of the DOCSIS® family of standards. In particular, this standard is part of a series of specifications that define the third generation of high-speed data-over-cable systems. This standard was developed for the benefit of the cable industry, and includes contributions by operators and vendors from North America, Europe, China and other regions.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)
140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

Revision

BSR/SCTE 77 202x, Specifications for Underground Enclosure Integrity (revision of ANSI/SCTE 77-2017)
The purpose of this document is to establish the performance requirements for underground enclosures. The document provides Standards Engineers and Systems Designers a means of evaluating underground enclosure performance regardless of the materials used or the methods employed in the manufacture of the enclosures.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)
140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

Revision

BSR/SCTE 144 202x, Test Procedure for Measuring Transmission and Reflection (revision of ANSI/SCTE 144 -2017)
This test procedure describes the techniques used to characterize radio frequency (RF) components and subsystems by measuring their transmission and reflection characteristics. The resulting measurements can be used to compare the performance of various devices as well as predict overall network performance when multiple devices are used together.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)
140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

Revision

BSR/SCTE 156 202x, Specification for Mainline Plug (Male) to Cable Interface (revision of ANSI/SCTE 156-2019)
This specification applies to the Mainline Plug (Male) Connector to Cable Interface used for distribution of RF and AC power used for broadband devices, such as mainline taps/passives, power inserters, and active that are used in the 75-ohm RF broadband communications industry.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

Comment Deadline: January 1, 2024

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

Revision

BSR/SCTE 160 202x, Specification for Mini F Connector, Male, Pin Type (revision of ANSI/SCTE 160-2018)
This specification applies to the Pin Type "F" Male connector interface used to interconnect mini coaxial cables to "F" Female ports on devices used in head end facilities. The purpose of this document is to specify requirements for indoor male "F" pin-type connectors that are used on [SCTE 177] mini coaxial cable in the 75-ohm RF broadband communications industry.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

Comment Deadline: January 16, 2024

ULSE (UL Standards & Engagement)

47173 Benicia Street, Fremont, CA 94538 | Marcia.M.Kawate@ul.org, https://ulse.org/

Revision

BSR/UL 79-202x, Standard for Safety for Power-Operated Pumps for Petroleum Dispensing Products (revision of ANSI/UL 79-2023)
The following is being proposed: Proposed new joint Canada-US standard for Power-Operated Pumps for Petroleum Dispensing Products.
Single copy price: Free
Order from: https://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/ProposalAvailable

ULSE (UL Standards & Engagement)

47173 Benicia Street, Fremont, CA 94538 | Marcia.M.Kawate@ul.org, https://ulse.org/

Revision

BSR/UL 79A-202x, Standard for Safety for Power-Operated Pumps for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 79A-2020)
The following is being proposed: Proposed new joint Canada-US standard for Power-Operated Pumps for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 – E85).
Single copy price: Free
Order from: https://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/ProposalAvailable

Comment Deadline: January 16, 2024

ULSE (UL Standards & Engagement)

47173 Benicia Street, Fremont, CA 94538 | Marcia.M.Kawate@ul.org, https://ulse.org/

Revision

BSR/UL 79B-202x, Standard for Safety for Power-Operated Pumps for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 79B-2020)
The following is being proposed: Proposed new joint Canada-US standard for Power-Operated Pumps for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil.
Single copy price: Free
Order from: https://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/ProposalAvailable

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.

HL7 (Health Level Seven)

455 E. Eisenhower Parkway, Suite 300 #025, Ann Arbor, MI 48108 | Karenvan@HL7.org, www.hl7.org

ANSI/HL7 CDAR2 IG TRAUMAREG, R2-2019, HL7(R) CDA(R) R2 Implementation Guide: Trauma Registry Data Submission, Release 2 - US Realm (revision and redesignation of ANSI/HL7 CDAR2 IG TRAUMAREG R1-2016)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Karen Van Hentenryck <Karenvan@HL7.org>

ISA (International Society of Automation)

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

ANSI/ISA 75.13.01-2013, Method of Evaluating the Performance of Positioners with Analog Input Signals and Pneumatic Output (revision of ANSI/ISA 75.13.01-2007)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Eliana Brazda <ebrazda@isa.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.

ASA (ASC S1) (Acoustical Society of America)

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

ANSI/ASA S1.42-2023, Design Response of Weighting Networks for Acoustical Measurements (revision of ANSI/ASA S1.42-2020) Final Action Date: 11/6/2023 | *Revision*

ASME (American Society of Mechanical Engineers)

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

ANSI/ASME B1.12-1987 (R2023), Class 5 Interfence-Fit Thread (reaffirmation of ANSI/ASME B1.12-1987 (R2018)) Final Action Date: 11/9/2023 | *Reaffirmation*

ANSI/ASME B1.21-1978 (R2023), Metric Screw Threads: MJ Profile (reaffirmation of ANSI/ASME B1.21M-1997 (R2018) ,) Final Action Date: 11/7/2023 | *Reaffirmation*

ANSI/ASME RTP-1-2023, Reinforced Thermoset Plastic Corrosion-Resistant Equipment (revision of ANSI/ASME RTP-1 -2021) Final Action Date: 11/9/2023 | *Revision*

ASTM (ASTM International)

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

ANSI/ASTM E3254-2023, Practice for Use of Color in the Visual Examination and Forensic Comparison of Soil Samples (new standard) Final Action Date: 5/1/2023 | *New Standard*

ANSI/ASTM E1488-2012 (R2023), Guide for Statistical Procedures to Use in Developing and Applying Test Methods (reaffirmation of ANSI/ASTM E1488-2012 (2018)) Final Action Date: 5/2/2023 | *Reaffirmation*

ANSI/ASTM E2282-2014 (R2023), Guide for Defining the Test Result of a Test Method (reaffirmation of ANSI/ASTM E2282-2014 (2019)) Final Action Date: 5/1/2023 | *Reaffirmation*

ANSI/ASTM E2709-2019 (R2023), Practice for Demonstrating Capability to Comply with an Acceptance Procedure (reaffirmation of ANSI/ASTM E2709-2019) Final Action Date: 5/2/2023 | *Reaffirmation*

ANSI/ASTM F1777-2019 (R2023), Practice for Paintball Game Site Operation (reaffirmation of ANSI/ASTM F1777-2019) Final Action Date: 5/2/2023 | *Reaffirmation*

ANSI/ASTM F1937-2005 (R2023), Specification for Body Protectors Used in Horse Sports and Horseback Riding (reaffirmation of ANSI/ASTM F1937-2004 (2017)) Final Action Date: 5/2/2023 | *Reaffirmation*

ANSI/ASTM F2271-2011 (R2023), Specification for Paintball Marker Barrel Blocking Devices (reaffirmation of ANSI/ASTM F2271-2011 (2019)) Final Action Date: 5/2/2023 | *Reaffirmation*

ANSI/ASTM F2278-2019 (R2023), Test Method for Evaluating Paintball Barrier Netting (reaffirmation of ANSI/ASTM F2278-2019) Final Action Date: 5/2/2023 | *Reaffirmation*

ANSI/ASTM F2649-2014 (R2023), Specification for Corrugated High Density Polyethylene (HDPE) Grease Interceptor Tanks (reaffirmation of ANSI/ASTM F2649-2014 (2019)) Final Action Date: 5/2/2023 | *Reaffirmation*

ANSI/ASTM F2679-2015 (R2023), Specification for 6 mm Projectiles Used with Airsoft Guns (reaffirmation of ANSI/ASTM F2679-2015 (2019)) Final Action Date: 5/2/2023 | *Reaffirmation*

ASTM (ASTM International)

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

ANSI/ASTM F2801-2019 (R2023), Practice for Paintball Player Safety Briefing (reaffirmation of ANSI/ASTM F2801-2019) Final Action Date: 5/2/2023 | *Reaffirmation*

ANSI/ASTM F2904-2011 (R2023), Specification for Warnings on Paintball Marker Accessories Used In the Sport of Paintball (reaffirmation of ANSI/ASTM F2904-2011 (2019)) Final Action Date: 5/2/2023 | *Reaffirmation*

ANSI/ASTM F3100-2015 (R2023), Practice for Low Impact Paintball Field Operation (reaffirmation of ANSI/ASTM F3100 -2015 (2019)) Final Action Date: 5/2/2023 | *Reaffirmation*

ANSI/ASTM D6792-2023a, Practice for Quality Management Systems in Petroleum Products, Liquid Fuels, and Lubricants Testing Laboratories (revision of ANSI/ASTM D6792-2022A) Final Action Date: 5/2/2023 | *Revision*

ANSI/ASTM E691-2023, Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method (revision of ANSI/ASTM E691-2022) Final Action Date: 5/2/2023 | *Revision*

ANSI/ASTM E2750-2023, Guide for Extension of Data from Penetration Firestop System Tests Conducted in Accordance with ASTM E814 (revision of ANSI/ASTM E2750-2022) Final Action Date: 5/2/2023 | *Revision*

ANSI/ASTM F1866-2023, Specification for Poly(Vinyl Chloride) (PVC) Plastic Schedule 40 Drainage and DWV Fabricated Fittings (revision of ANSI/ASTM F1866-2018) Final Action Date: 5/2/2023 | *Revision*

ANSI/ASTM F1890-2023, Test Method for Measuring Softball and Baseball Bat Performance Factor (revision of ANSI/ASTM F1890-2017 (2022)) Final Action Date: 5/2/2023 | *Revision*

ANSI/ASTM F1960-2023a, Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-Linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F1960 -2023) Final Action Date: 5/2/2023 | *Revision*

ANSI/ASTM F2219-2023, Test Methods for Measuring High-Speed Bat Performance (revision of ANSI/ASTM F2219 -2014 (2022)) Final Action Date: 5/2/2023 | *Revision*

ANSI/ASTM F2735-2023, Specification for Plastic Insert Fittings for SDR9 Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F2735-2021) Final Action Date: 5/2/2023 | *Revision*

ANSI/ASTM F2769-2023a, Specification for Polyethylene of Raised Temperature (PE-RT) Plastic Hot and Cold-Water Tubing and Distribution Systems (revision of ANSI/ASTM F2769-2023) Final Action Date: 5/2/2023 | *Revision*

ANSI/ASTM F3128-2023, Specification for Poly(Vinyl Chloride) (PVC) Schedule 40 Drain, Waste, and Vent Pipe with a Cellular Core (revision of ANSI/ASTM F3128-2019) Final Action Date: 5/2/2023 | *Revision*

ANSI/ASTM F3348-2023a, Specification for Plastic Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F3348-2023) Final Action Date: 5/2/2023 | *Revision*

CSA (CSA America Standards Inc.)

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

ANSI/CSA R118-2023, Concrete carbon intensity quantification and verification (new standard) Final Action Date: 11/10/2023 | *New Standard*

ANSI/CSA C450-2018 (R2023), Photovoltaic (PV) module testing protocol for quality assurance programs (reaffirmation of ANSI/CSA C450-2018) Final Action Date: 11/9/2023 | *Reaffirmation*

IEEE (ASC C2) (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | j.santulli@ieee.org, www.ieee.org

ANSI NESC C2-2023, National Electrical Safety Code (revision of ANSI ASC C2 NESC-2022) Final Action Date: 11/9/2023 | *Revision*

NEMA (ASC C136) (National Electrical Manufacturers Association)

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

ANSI C136.40-2023, Roadway and Area Lighting - Solar Lighting Systems (revision of ANSI C136.40-2014) Final Action Date: 11/9/2023 | *Revision*

NEMA (ASC W1) (National Electrical Manufacturers Association)

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

ANSI/NEMA/IEC 60974-6-2019 (R2023), Arc Welding Equipment - Part 6: Limited duty equipment (reaffirm a national adoption ANSI/NEMA/IEC 60974-6-2019) Final Action Date: 11/10/2023 | *Reaffirmation*

NSF (NSF International)

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

ANSI/NSF 177-2023 (i14r1), Shower Filtration Systems - Aesthetic Effects (revision of ANSI/NSF 177-2022) Final Action Date: 11/4/2023 | *Revision*

ANSI/NSF 498-2023 (i2r1), Sustainability Program Document for Architectural Coatings (revision of ANSI/NSF 498 -2023) Final Action Date: 10/31/2023 | *Revision*

ANSI/NSI 373-2023 (i8r1), Sustainable Production of Natural Dimension Stone (revision of ANSI/NSI 373-2022a) Final Action Date: 10/31/2023 | *Revision*

PMI (Project Management Institute)

18 Campus Boulevard, Suite 150, Newtown Square, PA 19073 | lorna.scheel@pmi.org, www.pmi.org

ANSI/PMI 08-002-2024, The Standard for Program Management (revision of ANSI/PMI 08-002-2017) Final Action Date: 11/9/2023 | *Revision*

SAIA (ASC A11) (Scaffold & Access Industry Association)

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

ANSI/SAIA A11.5-2023, Standard for Testing and Rating Vertical Concrete Formwork, Ties, and Accessories (new standard) Final Action Date: 11/6/2023 | *New Standard*

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062-2096 | christina.riemer@ul.org, https://ulse.org/

ANSI/UL 1004-8-2009 (R2023), Standard for Safety for Inverter Duty Motors (reaffirmation of ANSI/UL 1004-8-2009 (R2018)) Final Action Date: 11/7/2023 | *Reaffirmation*

ANSI/UL 493-2023a, Standard for Safety for Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables (revision of ANSI/UL 493-2023) Final Action Date: 11/7/2023 | *Revision*

ANSI/UL 719-2023a, Nonmetallic-Sheathed Cable (revision of ANSI/UL 719-2023) Final Action Date: 11/7/2023 | *Revision*

ULSE (UL Standards & Engagement)

47173 Benicia Street, Fremont, CA 94538 | Marcia.M.Kawate@ul.org, https://ulse.org/

ANSI/UL 732-2023, Standard for Safety for Oil-Fired Storage Tank Water Heaters (revision of ANSI/UL 732-1997 (R2018)) Final Action Date: 11/10/2023 | *Revision*

ANSI/UL 1678-2023, Standard for Household, Commercial, and Institutional-Use Carts, Stands and Entertainment Centers for Use with Audio and/or Video Equipment (revision of ANSI/UL 1678-2022) Final Action Date: 11/7/2023 | *Revision*

ANSI/UL 1974-2023, Standard for Safety for Evaluation for Repurposing or Remanufacturing Batteries (revision of ANSI/UL 1974-2018) Final Action Date: 11/10/2023 | *Revision*

ANSI/UL 2039-2023, Standard for Flexible Connector Piping for Fuels (revision of ANSI/UL 2039-2016) Final Action Date: 11/10/2023 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

Membership in the INCITS Executive Board is open to all directly and materially interested parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, contact Jennifer Garner at jgarner@itic.org or visit http://www.incits.org/participation/membership-info for more information.
Membership in all interest categories is always welcome; however, the INCITS Executive Board seeks to broaden its membership base in the following underrepresented categories:

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.
SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.
Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures.
More information is available at www.scte.org or by e-mail from standards@scte.org.

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Arlington, VA 22203 | mmiskell@aami.org, www.aami.org

BSR/AAMI/ISO 11137-2-202x/A1-202X, Sterilization of health care products-Radiation-Part 2: Establishing the sterilization dose-Amendment 1 (identical national adoption of ISO 11137-2:2013/Amd 1:2022)

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

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

BSR/ASSP A10.18-202X, Safety Requirements for Temporary Roof and Floor Holes, Wall Openings, Stairways, and Other Unprotected Edges in Construction and Demolition Operations (revision and redesignation of ANSI/ASSP A10.18-2023)

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

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

BSR/ASSP A10.48-202X, Criteria for Safety Practices with the Construction, Demolition, Modification, and Maintenance of Communication Structures (revision and redesignation of ANSI/ASSP A10.48-2023)

ASSP (Safety) (American Society of Safety Professionals)

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

BSR/ASSP A1264.4-202x, Safety Requirements for Ballasted Style Guardrail Systems (new standard)

ASSP (Safety) (American Society of Safety Professionals)

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

BSR/ASSP Z359.1-202x, The Fall Protection Code (revision of ANSI/ASSP Z359.1-2020)

AWI (Architectural Woodwork Institute)

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

BSR/AWI 0620-202x, Finish Carpentry/Installation (revision of ANSI/AWI 0620-2018)
Interest Categories: AWI is currently seeking canvass body participants who represent "users" and/or "general" interest categories to participate by completing a Pre-Interest Survey for AWI 0620 at https://docs.google.com/forms/d/e/1FAIpQLSc0Zg1hvSlAfJnWIdp59m4f-d_BBowENm2FLHAG41HpJs89dw/viewform?usp=sharing.

AWS (American Welding Society)

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

BSR/AWS C3.11M/C3.11-202x, Specification for Torch Soldering (new standard)

AWS (American Welding Society)

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

BSR/AWS C3.12M/C3.12-202x, Specification for Furnace Soldering (revision of ANSI/AWS C3.12M/C3.12-2017)

BHMA (Builders Hardware Manufacturers Association)

17 Faulkner Drive, Niantic, CT 06357 | mtierney@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.5-202x, Standard for Cylinders and Input Devices for Locks (revision of ANSI/BHMA A156.5-2020)

BHMA (Builders Hardware Manufacturers Association)

17 Faulkner Drive, Niantic, CT 06357 | mtierney@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.39-202x, Standard for Residential Locksets and Latches (revision of ANSI/BHMA A156.39-2020)

BHMA (Builders Hardware Manufacturers Association)

17 Faulkner Drive, Niantic, CT 06357 | mtierney@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.40-202x, Standard for Residential Deadbolts (revision of ANSI/BHMA A156.40-2020)

BIFMA (Business and Institutional Furniture Manufacturers Association)

678 Front Avenue NW, Suite 150, Grand Rapids, MI 49504-5368 | aserge@bifma.org, www.bifma.org

BSR/BIFMA X5.6-202x, Panel Systems (revision of ANSI/BIFMA X5.6-2016 (R2021))

BIFMA (Business and Institutional Furniture Manufacturers Association)

678 Front Avenue NW, Suite 150, Grand Rapids, MI 49504-5368 | aserge@bifma.org, www.bifma.org

BSR/BIFMA X5.9-202x, Storage Units (revision of ANSI/BIFMA X5.9-2019)

CTA (Consumer Technology Association)

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

BSR/CTA 2049-B-202x, Determination of Small Network Equipment Average Energy Consumption (revision of ANSI/CTA 2049-A-2020)

NAAMM (National Association of Architectural Metal Manufacturers)

1533 Pine Grove Lane, Chesapeake, VA 23321 | ifnaamm@gmail.com, www.naamm.org

BSR/NAAMM HMMA 801-202x, Glossary of Terms for Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 801-2012 (R2018))

NAAMM (National Association of Architectural Metal Manufacturers)

1533 Pine Grove Lane, Chesapeake, VA 23321 | ifnaamm@gmail.com, www.naamm.org

BSR/NAAMM HMMA 840-202x, Guide Specifications for Receipt, Storage, and Installation of Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 840-2017)

NAAMM (National Association of Architectural Metal Manufacturers)

1533 Pine Grove Lane, Chesapeake, VA 23321 | ifnaamm@gmail.com, www.naamm.org

BSR/NAAMM MBG 531-202x, Metal Bar Grating Manual (revision of ANSI/NAAMM MBG 531-2017)

NAAMM (National Association of Architectural Metal Manufacturers)

1533 Pine Grove Lane, Chesapeake, VA 23321 | ifnaamm@gmail.com, www.naamm.org

BSR/NAAMM MBG 532-202x, Heavy Duty Metal Bar Grating Manual (revision of ANSI/NAAMM MBG 532-2019)

NAAMM (National Association of Architectural Metal Manufacturers)

1533 Pine Grove Lane, Chesapeake, VA 23321 | ifnaamm@gmail.com, www.naamm.org

BSR/NAAMM MBG 534-2014 (R202x), Metal Bar Grating Engineering Design Manual (reaffirmation of ANSI/NAAMM MBG 534-2014)

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Kyle.Krueger@necanet.org, www.neca-neis.org

BSR/NECA 714-202X, Recommended Practice for the Fire Stopping Electrical Penetrations (new standard)

NSF (NSF International)

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

BSR/NSF 4-202x (i36r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2022)

NSF (NSF International)

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

BSR/NSF 49-202x (i192r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2022)

NSF (NSF International)

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

BSR/NSF 53-202x (i157r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2022)

NSF (NSF International)

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

BSR/NSF 350-202x (i81r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2022)

NSF (NSF International)

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

BSR/NSF 419-202x (i11r1), Public Drinking Water Equipment Performance - Filtration (revision of ANSI/NSF 419 -2018)

NSF (NSF International)

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

BSR/NSF/CAN 50-202x (i168r7), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2023)

NSF (NSF International)

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

BSR/NSF/CAN 50-202x (i207r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2023)

NSF (NSF International)

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

BSR/NSF/CAN 60-202x (i97r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF/CAN 60 -2021)

RESNET (Residential Energy Services Network, Inc.)

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

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

ULSE (UL Standards & Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | griff.edwards@ul.org, https://ulse.org/

BSR/UL 448C-202x, Standard for Stationary, Rotary-Type, Positive-Displacement Pumps for Fire-Protection Service (revision of ANSI/UL 448C-2023)

American National Standards (ANS) Process

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

Where to find Procedures, Guidance, Interpretations and More…

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

• ANSI Essential Requirements: Due process requirements for American National Standards (always current edition):

www.ansi.org/essentialrequirements

• ANSI Standards Action (weekly public review announcements of proposed ANS and standards developer accreditation applications, listing of recently approved ANS, and proposed revisions to ANS-related procedures):

www.ansi.org/standardsaction

• Accreditation information – for potential developers of American National Standards (ANS):

www.ansi.org/sdoaccreditation

• ANS Procedures, ExSC Interpretations and Guidance (including a slide deck on how to participate in the ANS process and the BSR-9 form):

www.ansi.org/asd

• Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS:

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

https://www.ansi.org/portal/psawebforms/

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

American National Standards Under Continuous Maintenance

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

AARST (American Association of Radon Scientists and Technologists)

AGA (American Gas Association)

AGSC (Auto Glass Safety Council)

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ASME (American Society of Mechanical Engineers)

ASTM (ASTM International)

GBI (Green Building Initiative)

HL7 (Health Level Seven)

Home Innovation (Home Innovation Research Labs)

IES (Illuminating Engineering Society)

ITI (InterNational Committee for Information Technology Standards)

MHI (Material Handling Industry)

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

NCPDP (National Council for Prescription Drug Programs)

NEMA (National Electrical Manufacturers Association)

NFRC (National Fenestration Rating Council)

NISO (National Information Standards Organization)

NSF (NSF International)

PRCA (Professional Ropes Course Association)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

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ISO & IEC Draft International Standards

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

COMMENTS

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

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

ORDERING INSTRUCTIONS

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

ISO Standards

Dimensional and Geometrical Product Specifications and Verification (TC 213)

ISO/DIS 5059-1, Geometrical product specifications (GPS) - Dimensional measuring equipment: inside micrometers - Part 1: Two-point inside micrometers - Design and metrological characteristics - 1/26/2024, $62.00

Documents and data elements in administration, commerce and industry (TC 154)

ISO 8601-2:2019/DAmd 1, - Amendment 1: Date and time - Representations for information interchange - Part 2: Extensions - Amendment 1 - 1/29/2024, $58.00

Hydrogen energy technologies (TC 197)

ISO/DIS 19882, Gaseous hydrogen - Thermally activated pressure relief devices for compressed hydrogen vehicle fuel containers - 2/1/2024, $102.00

Industrial automation systems and integration (TC 184)

ISO/DIS 3151-2, Visualization elements of PLM-MES interface - Part 2: 3D error feedback in heavy industry - 2/1/2024, $98.00

ISO/DIS 8000-210, Data quality - Part 210: Sensor data: Data quality characteristics - 1/29/2024, $71.00

Laboratory glassware and related apparatus (TC 48)

ISO 8655-7:2022/DAmd 1, - Amendment 1: Piston-operated volumetric apparatus - Part 7: Alternative measurement procedures for the determination of volume - Amendment 1 - 2/1/2024, $29.00

Light metals and their alloys (TC 79)

ISO 7217:2023/DAmd 1, - Amendment 1: Titanium and titanium alloys - Bar, rod and billet - Technical delivery conditions - Amendment 1: Insertion of ISO 23515 as the fifth standard in clause 2 Normative references and insertion of the text citing that standard into clause 6.2 - 1/28/2024, $29.00

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

ISO/DIS 22504, Oil and gas industries including lower carbon energy - Pipeline transportation systems - Onshore and offshore pipelines pig traps design requirements - 1/27/2024, $112.00

ISO/DIS 10427-1, Oil and gas industries including lower carbon energy - Equipment for well cementing - Part 1: Casing bow-spring centralizers - 1/27/2024, $40.00

Railway applications (TC 269)

ISO/DIS 9324, Railway applications - General guidelines for rolling stock gauges in international railway service - 2/1/2024, $93.00

ISO/DIS 9879, Railway applications - Rolling stock maintenance - Terms and definitions - 1/29/2024, $62.00

Refractories (TC 33)

ISO/DIS 20182, Refractory test-piece preparation - Gunning refractory panels by the pneumatic-nozzle mixing type guns - 1/26/2024, $53.00

Water quality (TC 147)

ISO/DIS 24295, Water quality - Determination of the dioxin-like activity of water and wastewater - Method using in vitro mammalian cell-based reporter gene assay - 2/1/2024, $112.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 19075-10, Information technology - Guidance for the use of database language SQL - Part 10: SQL model (Guide/Model) - 1/28/2024, $134.00

IEC Standards

110/1585/NP, PNW 110-1585 ED1: Electronic displays - Part 1 -2: Generic - Terminology and letter symbols, 01/05/2024

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

100/4073/DTR, IEC TR 60728-201 ED1: Cable networks for television signals, sound signals and interactive services - Part 201: A Study of IPTV System for Optical Broadcast Service, 01/05/2024

Documentation and graphical symbols (TC 3)

3/1646/CD, ISO 82079-2 ED1: Preparation of information for use (instructions for use) of products - Part 2: Additional guidance for instructions for assembly of self-assembly products, 02/02/2024

Electric traction equipment (TC 9)

9/3031/FDIS, IEC 60913 ED3: Railway applications - Fixed installations - Electric traction overhead contact lines systems, 12/22/2023

Electrical Energy Storage (EES) Systems (TC 120)

120/342/CD, IEC TS 62933-2-3 ED1: Electric Energy Storage (EES) Systems - Part 2-3: Unit parameters and testing methods - Performance assessment test after site operation, 01/05/2024

Electrical equipment in medical practice (TC 62)

62D/2106/FDIS, IEC 80601-2-26/AMD1 ED1: Amendment 1 - Medical electrical equipment - Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalographs, 12/22/2023

62D/2096(F)/FDIS, IEC 80601-2-58 ED3: Medical electrical equipment - Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery, 11/24/2023

62A/1532/DTS, IEC TS 60601-4-2 ED1: Guidance and interpretation - Electromagnetic immunity: Performance of medical electrical equipment and medical electrical systems, 01/05/2024

Electroacoustics (TC 29)

29/1160/CD, IEC 60645-7 ED2: Electroacoustics - Audiometric equipment - Part 7: Instruments for the measurement of auditory evoked potentials, 02/02/2024

Electromagnetic compatibility (TC 77)

77A/1197/DTR, Electromagnetic compatibility (EMC) - Part 3-18: Limits - Assessment of network characteristics for the application of harmonic emission limits - Equipment connected to LV distribution systems not covered by IEC 61000-3-2 and IEC 61000-3-12, 01/05/2024

Environmental conditions, classification and methods of test (TC 104)

104/1023/CDV, IEC 60068-2-87 Ed.1 Environmental Testing - Part 2-87: Tests-Test xx: UV-C Exposure of Materials and Components to Simulate Ultraviolet Germicidal Irradiation or Other Applications, 02/02/2024

Fibre optics (TC 86)

86A/2386/CDV, IEC 60794-1-307 ED1: Optical fibre cables - Part 1-307: Generic specification - Basic optical cable test procedures - Cable element test methods - Tube kinking, method G7, 01/05/2024

Flat Panel Display Devices (TC 110)

110/1586/CD, IEC 62715-6-23 ED1: Flexible display devices - Part 6-23: Mechanical misaligned folding test method, 01/05/2024

Fluids for electrotechnical applications (TC 10)

10/1207(F)/FDIS, IEC 60567 ED5: Oil-filled electrical equipment - Sampling of free gases and analysis of free and dissolved gases in mineral oils and other insulating liquids - Guidance, 11/24/2023

Fuel Cell Technologies (TC 105)

105/1017/FDIS, IEC 62282-6-106 ED1: Fuel cell technologies - Part 6-106: Micro fuel cell power systems - Safety - Indirect Class 8 (corrosive) compounds, 12/22/2023

105/1018/FDIS, IEC 62282-6-107 ED1: Fuel cell technologies - Part 6-107: Micro fuel cell power systems - Safety - Indirect water-reactive (Division 4.3) compounds, 12/22/2023

Fuses (TC 32)

32C/629/CD, IEC 60127-4 ED4: Miniature fuses - Part 4: Universal modular fuse-links (UMF) - Through-hole and surface mount types, 02/02/2024

32C/630/CD, IEC 60127-7 ED3: Miniature fuses - Part 7: Miniature fuse-links for special applications, 02/02/2024

High Voltage Direct Current (HVDC) transmission for DC voltages above 100 kV (TC 115)

115/356/CD, IEC TR 63179 ED1: Planning of HVDC systems, 02/02/2024

115/357/CD, IEC TR 63502 ED1: Parameters measurement of HVDC transmission line, 02/02/2024

Industrial-process measurement and control (TC 65)

65C/1281/FDIS, IEC 61784-5-19 ED2: Industrial networks - Profiles - Part 5-19: Installation of fieldbuses - Installation profiles for CPF 19, 12/22/2023

65C/1279/FDIS, IEC 61784-5-22 ED1: Industrial networks - Profiles - Part 5-22: Installation of fieldbuses - Installation profiles for CPF 22, 12/22/2023

65C/1280/FDIS, IEC 61784-5-8 ED3: Industrial networks - Profiles - Part 5-8: Installation of fieldbuses - Installation profiles for CPF 8, 12/22/2023

65C/1283/FDIS, IEC 61784-5-X ED5: Industrial communication networks - Profiles - Part 5-x: Installation of fieldbuses - Installation profiles for CPF x (x=2, 3, 6, 12, 21), 12/22/2023

65C/1282/FDIS, IEC 61918/AMD2 ED4: Amendment 2 - Industrial communication networks - Installation of communication networks in industrial premises, 12/22/2023

Magnetic components and ferrite materials (TC 51)

51/1469/CD, IEC 61332 ED4: Soft ferrite material classification, 02/02/2024

Measuring equipment for electromagnetic quantities (TC 85)

85/903/CD, IEC TS 62586-3 ED1: Power quality measurement in power supply systems Part 3: Maintenance tests, calibration, 02/02/2024

Nuclear instrumentation (TC 45)

45B/1047/FDIS, IEC 61526 ED4: Radiation protection instrumentation - Measurement of personal dose equivalents for X, gamma, neutron and beta radiations - Active personal dosemeters, 12/22/2023

Performance of household electrical appliances (TC 59)

59D/507/CDV, IEC 60456 ED6: Washing machines for household use - Methods for measuring the performance, 02/02/2024

Power electronics (TC 22)

22H/313/CD, IEC 62310-1 ED2: Static transfer systems (STS) - Part 1: General and safety requirements, 02/02/2024

Rotating machinery (TC 2)

2/2157(F)/FDIS, Rotating electrical machines - Part 2-2: Specific methods for determining separate losses of large machines from tests - Supplement to IEC 60034-2-1, 12/08/2023

Safety of household and similar electrical appliances (TC 61)

61/7076/FDIS, IEC 60335-2-120 ED1: Household and similar electrical appliances - Safety - Part 2-120: Particular requirements for the safety of appliances for the generation of directly inhalable aerosols, 12/22/2023

Secondary cells and batteries (TC 21)

21/1179/FDIS, IEC 61427-2/AMD1 ED1: Secondary cells and batteries for renewable energy storage - General requirements and methods of test - Part 2: On-grid applications, 12/22/2023

21/1180/CD, IEC 62902 ED2: Secondary cells and batteries - Marking symbols for identification of their chemistry, 02/02/2024

Superconductivity (TC 90)

90/507(F)/CDV, IEC 61788-27 ED1: Twist pitch measurement of practical superconducting wires - Twist pitch measurement method of NbTi and Nb3Sn composite superconductors, 01/12/2024

Surface mounting technology (TC 91)

91/1916/DTR, IEC TR 60068-3-15 ED1: ENVIRONMENTAL TESTING - Part 3-15: Supporting documentation and guidance - Vacuum-assisted reflow soldering, 01/05/2024

(CISPR)

CIS/B/831/FDIS, CISPR 11 ED7: Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement, 12/22/2023

Wearable electronic devices and technologies (TC 124)

124/246/CDV, IEC 63203-201-4 ED1: Wearable electronic devices and technologies - Part 201-4: Electronic textile - Test method for determining sheet resistance of conductive fabrics after abrasion, 02/02/2024

124/249(F)/FDIS, IEC 63203-402-2 ED1: Wearable electronic devices and technologies - Part 402-2: Performance measurement of fitness wearables - Step counting, 12/08/2023

124/258/CD, IEC 63203-403-1 ED1: Wearable electronic devices and technologies - Part 403-1: Test methods of surface electromyography sensors for wearable applications, 02/02/2024

Wind turbine generator systems (TC 88)

88/995/DTS, IEC TS 61400-11-2 ED1: Wind energy generation systems - Part 11-2: Measurement of wind turbine noise characteristics in receptor position, 01/05/2024

ISO/IEC JTC 1, Information Technology

(JTC1)

JTC1-SC25/3189/CDV, 15045-3-1: Information technology - Home Electronic System (HES) gateway - Part 3-1: Introduction to privacy, security, and safety, 02/02/2024

JTC1-SC25/3190/CDV, 15045-3-2 Information technology - Home Electronic System - HES Gateway Privacy Framework, 02/02/2024

JTC1-SC25/3191/CDV, ISO/IEC 15045-4-1 ED1: Information Technology - Home Electronic System (HES) gateway - Part 4-1: Structural classes, 02/02/2024

JTC1-SC25/3192/CDV, ISO/IEC 15045-4-2 ED1: Information Technology - Home Electronic System (HES) gateway - Part 4-2: Structural classes - Simple gateway, 02/02/2024

Newly Published ISO & IEC Standards

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

ISO Standards

Additive manufacturing (TC 261)

ISO/ASTM 52926-1:2023, Additive manufacturing of metals - Qualification principles - Part 1: General qualification of operators, $77.00

ISO/ASTM 52926-2:2023, Additive manufacturing of metals - Qualification principles - Part 2: Qualification of operators for PBF-LB, $51.00

ISO/ASTM 52926-3:2023, Additive manufacturing of metals - Qualification principles - Part 3: Qualification of operators for PBF-EB, $51.00

ISO/ASTM 52926-4:2023, Additive manufacturing of metals - Qualification principles - Part 4: Qualification of operators for DED-LB, $51.00

ISO/ASTM 52926-5:2023, Additive manufacturing of metals - Qualification principles - Part 5: Qualification of operators for DED-Arc, $51.00

Agricultural food products (TC 34)

ISO 17468:2023, Microbiology of the food chain - Technical requirements and guidance on the establishment or revision of a standardized reference method, $116.00

Concrete, reinforced concrete and pre-stressed concrete (TC 71)

ISO 13315-3:2023, Environmental management for concrete and concrete structures - Part 3: Production of concrete constituents and concrete, $116.00

Corrosion of metals and alloys (TC 156)

ISO 4631:2023, Corrosion of metals and alloys - Measurement of the electrochemical critical localized corrosion potential (E-CLCP) for Ti alloys fabricated via additive manufacturing method in simulated biomedical solutions, $77.00

Earth-moving machinery (TC 127)

ISO 6011:2023, Earth-moving machinery - Visual display of machine operation, $77.00

ISO 7021:2023, Earth-moving machinery and machinery for forestry - Operator protective structures - Material performance requirements, $51.00

Geographic information/Geomatics (TC 211)

ISO 19160-2:2023, Addressing - Part 2: Assigning and maintaining addresses for objects in the physical world, $210.00

Health Informatics (TC 215)

ISO 10781:2023, Health informatics - HL7 Electronic Health Record-System Functional Model, Release 2.1 (EHR FM), $237.00

Machine tools (TC 39)

ISO 6779:2023, Test conditions for vertical internal type broaching machines - Testing of accuracy, $116.00

Petroleum products and lubricants (TC 28)

ISO 3104:2023, Petroleum products - Transparent and opaque liquids - Determination of kinematic viscosity and calculation of dynamic viscosity, $157.00

Plastics (TC 61)

ISO 2561:2023, Plastics - Determination of residual styrene monomer in polystyrene (PS) and impact-resistant polystyrene (PS-I) by gas chromatography, $116.00

ISO 4608:2023, Plastics - Homopolymer and copolymer resins of vinyl chloride for general use - Determination of plasticizer absorption at room temperature, $51.00

Road vehicles (TC 22)

ISO 13674-1:2023, Road vehicles - Test method for the quantification of on-centre handling - Part 1: Weave test, $77.00

ISO 15765-5:2023, Road vehicles - Diagnostic communication over Controller Area Network (DoCAN) - Part 5: Specification for an in-vehicle network connected to the diagnostic link connector, $116.00

Robots and robotic devices (TC 299)

ISO 31101:2023, Robotics - Application services provided by service robots - Safety management systems requirements, $210.00

Service activities relating to drinking water supply systems and wastewater systems - Quality criteria of the service and performance indicators (TC 224)

ISO 24566-1:2023, Drinking water, wastewater and storm water systems and services - Adaptation of water services to climate change impacts - Part 1: Assessment principles, $183.00

Solid mineral fuels (TC 27)

ISO 5146:2023, Coal and coke - Coal preparation plant - Density tracer testing for measuring performances of coal density separators, $183.00

ISO 14180:2023, Coal - Guidance on the sampling of coal seams, $157.00

Steel (TC 17)

ISO 4990:2023, Steel castings - General technical delivery requirements, $116.00

ISO 630-6:2023, Structural steels - Part 6: Technical delivery conditions for seismic-proof improved structural steels for building, $116.00

ISO 9477:2023, High-strength cast steels for general engineering and structural purposes, $51.00

ISO 11972:2023, Corrosion-resistant cast steels for general applications, $77.00

ISO 11973:2023, Heat-resistant cast steels and alloys for general applications, $51.00

Sustainable development in communities (TC 268)

ISO 37162:2023, Smart community infrastructures - Smart transportation for newly developing areas, $77.00

Terminology (principles and coordination) (TC 37)

ISO 639:2023, Code for individual languages and language groups, $210.00

Tyres, rims and valves (TC 31)

ISO 14960-1:2023, Tubeless tyres - Valves and components - Part 1: Snap-in tyre valves test methods, $77.00

Valves (TC 153)

ISO 5115:2023, Industrial valves - Part-turn valve actuation, $157.00

Water quality (TC 147)

ISO 4723:2023, Water quality - Actinium-227 - Test method using alpha-spectrometry, $157.00

Welding and allied processes (TC 44)

ISO 15614-13:2023, Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 13: Upset (resistance butt) and flash welding, $116.00

ISO Technical Reports

Transport information and control systems (TC 204)

ISO/TR 24317:2023, Intelligent transport systems - Mobility integration - Mobility integration needs for vulnerable users and light modes of transport, $157.00

ISO Technical Specifications

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

ISO/TS 16943:2023, Thermoplastic pipes for the conveyance of fluids - Inspection of polyethylene electrofusion socket joints using phased array ultrasonic testing, $157.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 18630:2023, Information technology - Digitally recorded media for information interchange and storage - Quality discrimination method for optical disks and operating method of storage systems for long-term data preservation, $116.00

ISO/IEC 30173:2023, Digital twin - Concepts and terminology, $183.00

ISO/IEC 15444-2:2023, Information technology - JPEG 2000 image coding system - Part 2: Extensions, $263.00

ISO/IEC 23090-5:2023, Information technology - Coded representation of immersive media - Part 5: Visual volumetric video-based coding (V3C) and video-based point cloud compression (V-PCC), $263.00

ISO/IEC 23093-4:2023, Information technology - Internet of media things - Part 4: Reference software and conformance, $77.00

ISO/IEC 23090-14:2023/Amd 1:2023, - Amendment 1: Information technology - Coded representation of immersive media - Part 14: Scene description - Amendment 1: Support for immersive media codecs in scene description, $22.00

IEC Standards

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

IEC 62153-4-16 Ed. 2.0 b Cor.1:2023, Corrigendum 1 - Metallic cables and other passive components test methods - Part 4-16: Electromagnetic compatibility (EMC) - Extension of the frequency range to higher frequencies for transfer impedance and to lower frequencies for screening attenuation measurements using the triaxial set-up, $0.00

Electrical equipment in medical practice (TC 62)

IEC 60601-2-19 Amd.1 Ed. 3.0 b:2023, Amendment 1 - Medical electrical equipment - Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators, $51.00

IEC 60601-2-19 Ed. 3.1 b:2023, Medical electrical equipment - Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators, $335.00

IEC 60601-2-20 Amd.1 Ed. 3.0 b:2023, Amendment 1 - Medical electrical equipment - Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators, $51.00

IEC 60601-2-20 Ed. 3.1 b:2023, Medical electrical equipment - Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators, $468.00

Insulating materials (TC 15)

IEC 60893-2 Ed. 3.0 b:2023, Insulating materials - Industrial rigid laminated sheets based on thermosetting resins for electrical purposes - Part 2: Methods of test, $278.00

S+ IEC 60893-2 Ed. 3.0 en:2023 (Redline version), Insulating materials - Industrial rigid laminated sheets based on thermosetting resins for electrical purposes - Part 2: Methods of test, $362.00

Switchgear and controlgear (TC 17)

IEC 62271-207 Ed. 3.0 b:2023, High-voltage switchgear and controlgear - Part 207: Seismic qualification for gas-insulated switchgear assemblies, metal enclosed and solid-insulation enclosed switchgear for rated voltages above 1 kV, $278.00

IEC Technical Specifications

Capacitors and resistors for electronic equipment (TC 40)

IEC/TS 60286-6-1 Ed. 1.0 en:2023, Packaging of components for automatic handling - Part 6-1: Bulk case packaging for miniaturized surface mounting components, $95.00

Electromagnetic compatibility (TC 77)

IEC/TS 61000-3-16 Ed. 1.0 en:2023, Electromagnetic compatibility (EMC) - Part 3-16: Limits - Limits for harmonic currents produced by the inverter of inverter-type electrical energy-supplying equipment with a reference current less than or equal to 75 A per phase connected to public low-voltage systems, $145.00

International Electrotechnical Commission (IEC)

USNC TAG Administrator - Organization Needed

SC 65E - Devices and integration in enterprise systems

Response Deadline: December 1, 2023

The International Society of Automation (ISA) is relinquishing its role as the IEC Secretariat for IEC SC 65E. The USNC is looking for a new organization to take on this IEC Secretariat position. If we cannot find a new IEC Secretariat for SC 65E, the USNC will have to withdraw from this international leadership role.

If any organizations are interested in the position of IEC Secretariat for SC 65E, they are invited to contact Adelana Gladstein at agladstein@ansi.org by Friday, 1 December 2023.

Please see the scope for **SC 65E** below:

SC 65E - Devices and integration in enterprise systems

To prepare international standards specifying:
(1) Device integration with industrial automation systems. The models developed in these standards address device properties, classification, selection, configuration, commissioning, monitoring and basic diagnostics.
(2) Industrial automation systems integration with enterprise systems. This includes transactions between business and manufacturing activities which may be jointly developed with ISO TC 184.

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 22/SC 34 – Road vehicles - Propulsion, powertrain and powertrain fluids

Reply Deadline: November 28, 2023

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 22/SC 34 – *Road vehicles - Propulsion, powertrain and powertrain fluids*. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 22/SC 34 to the SAE International. SAE International has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 22/SC 34 operates under the following scope:

Systems and components for combustion based propulsion (such as; coolant, engines, filters, piston pins/rings, powertrain, testing methods, testing procedures, measurement testing apparatus, fuel injection equipment, as well as characteristics and additive fluids definitions (e.g. (AUS32), except lubricants, brake fluids, and fuels.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 22/SC 34. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

If no U.S. organization steps forward to assume the ISO/TC 22/SC 34 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by November 28, 2023, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

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

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 241 – Road traffic safety management systems

Response Deadline: November 24, 2023

ANSI has been informed that the SAE International, the ANSI-accredited U.S. TAG Administrator for ISO/TC 241, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 241 operates under the following scope:

Standardization in the field of RTS, Road traffic safety, management standards, needs, to be effective, to consist of:

- *a requirement standard (which ISO 39001 will be)*
- *RTS specific auditing requirements in third party certification, and*
- *implementation and guidance documents.*

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

Establishment of ISO Subcommittee

ISO/TC 8/SC 14 – Maritime GHG Reduction

Commenting Deadline: December 4, 2023

ISO/TC 8 – *Ships and marine technology* has created a new ISO Subcommittee on *Maritime GHG Reduction* (ISO/TC 8/SC 14). The Secretariat has been assigned to the United States (ANSI).

ISO/TC 8/SC 14 operates under the following scope:

Standardization of ship GHG assessment and documentation procedures; bunkering and/or charging operations associated, and on-dock power generation.

Note 1: ISO/TC 8/SC 14 serves as a focal point within TC 8 regarding the reduction of GHG from maritime shipping and works in cooperation with existing subcommittees to help provide guidance to the maritime industry and regulators regarding applicable ISO standards developed by TC 8 and other TCs.

Note 2: Upon creation of ISO/TC 8/SC 14, all work items under ISO/TC 8/WG 8 will be transferred to SC 14 and the working group will be disbanded.

U.S. Coast Guard has requested that ANSI delegate the administration of the ISO Secretariat to the U.S. Coast Guard. Organizations interested in commenting on the proposed delegation of the ISO Secretariat to the U.S. Coast Guard should submit comments to Steve Cornish (scornish@ansi.org) by close of business on December 4, 2023.

U.S. Coast Guard has committed to administer the U.S. TAG. Organizations interested in participating on the U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

International Organization for Standardization (ISO)

Establishment of ISO Technical Committee

ISO/TC 346 – Mechanical Energy Storage Technology

A new Technical Committee, ISO/TC 346 – *Mechanical Energy Storage Technology*, has been formed. The Secretariat has been assigned to China (SAC).

ISO/TC 346 operates under the following scope:

Standardization in the field of mechanical energy storage (MES) technology including terminology, components, functions, design, safety, testing, construction, and maintenance of mechanical energy storage devices. It focuses on the mechanical and physical aspects of mechanical energy storage technology and equipment.

Excluded: air compressors, air compression systems, and compressed air handling technologies covered by ISO/TC 118; apparatus and measurement of vacuum equipment covered by ISO/TC 112; flywheel module design and testing on aircraft covered by ISO/TC 20; elements of spherical plain bearings covered by ISO/TC 4; pump equipment covered by ISO/TC 115; pumped storage covered by IEC/TC 4.

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

Establishment of ISO Technical Committee

ISO/TC 59/SC 20 – Resilience of buildings and civil engineering works

ISO/TC 59 – Buildings and civil engineering works has created a new ISO Subcommittee on Resilience of buildings and civil engineering works (ISO/TC 292/SC 1). The Secretariat has been assigned to China (SAC).

ISO/TC 59/SC 20 operates under the following scope:

Standardization in addressing resilience in design of built environment to reduce risks induced by hazards, whether natural or man-made, and changing environment. Excluded:

— resilience of cities and communities (in ISO/TC 268 Sustainable cities and communities)

— emergency management (in ISO/TC 292 Security and resilience)

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

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Consumer protection – privacy by design for consumer goods and services

Comment Deadline: November 17, 2023

ISO Project Committee 317 (Consumer protection – privacy by design for consumer goods and services) has submitted a proposal to expand its work program and convert the PC into a new ISO technical committee, with the following scope statement:

Standardization of consumer protection in the field of privacy by design for products, including goods, services, and data lifecycles enabled by such products.

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, November 17, 2023.

ISO Proposal for a New Field of ISO Technical Activity

Cultural Heritage Conservation

Comment Deadline: December 15, 2023

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on Cultural Heritage Conservation, with the following scope statement:

Standardization in the field of terminology, technologies, materials and equipment for monitoring, evaluation, preservation and restoration of cultural heritage.

Excluded: ISO/TC 36 Cinematography, ISO/TC 42 Photography, ISO/TC 46 Information and documentation

Note: Limited to tangible cultural heritage. If an overlap or the potential for overlap with other TC/SC is identified, coordination with related TC/SC should be sought by contacting or working with working groups.

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, December 15, 2023**.

Meeting Notices (International)

ANSI Accredited U.S. Technical Advisory Group

U.S. TAG to ISO/TC 292 – Security and Resilience (NASPO International)

Meeting Date: November 28, 2023 1:00 PM - 2:00 PM Central Time

In preparation for the ISO/TC 292 "Security and Resilience" Plenary Meeting the U.S. TAG to ISO/TC 292 has announced a virtual meeting on November 28 from 1:00 PM to 2:00 PM Central time.
For more information or to participate, please contact the U.S. TAG Administrator, Mr. Michael O'Neil, mikeo@naspo.info.

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4975.
When organization names are submitted to ANSI for registration, they will be listed here alphanumerically. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

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

Online Resources:
WTO's ePing SPS&TBT platform: https://epingalert.org/
Register for ePing: https://epingalert.org/en/Account/Registration
WTO committee on Agriculture, Sanitary and Phytosanitary (SPS) measures:
https://www.wto.org/english/tratop_e/sps_e/sps_e.htm
WTO Committee on Technical Barriers to Trade (TBT): https://www.wto.org/english/tratop_e/tbt_e/tbt_e.htm
USA TBT Enquiry Point: https://www.nist.gov/standardsgov/usa-wto-tbt-enquiry-point
Comment guidance:
https://www.nist.gov/standardsgov/guidance-us-stakeholders-commenting-notifications-made-wto-members-tbt-committee
NIST: https://www.nist.gov/
TANC: https://www.trade.gov/office-trade-agreements-negotiation-and-compliance-tanc
Examples of TBTs: https://tcc.export.gov/report_a_barrier/trade_barrier_examples/index.asp.
Report Trade Barriers: https://tcc.export.gov/Report_a_Barrier/index.asp.
USDA FAS: https://www.fas.usda.gov/about-fas
FAS contribution to free trade agreements: https://www.fas.usda.gov/topics/trade-policy/trade-agreements
Tracking regulatory changes: https://www.fas.usda.gov/tracking-regulatory-changes-wto-members
USTR WAMA: https://ustr.gov/trade-agreements/wto-multilateral-affairs/wto-issues/technical-barriers-trade
Contact the USA TBT Enquiry Point at (301) 975-2918; E usatbtep@nist.gov or notifyus@nist.gov.

Tracking number 4i36r1 **Revision to NSF/ANSI 4-2022**
 Issue 36 Revision 1 (October 2023)

[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 International Standard / American National Standard –

Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transport Equipment

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5 Design and construction

This section contains design and construction requirements for equipment covered within the scope of this standard.

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5.1.4 Food zones for which CIP is intended shall be designed and manufactured so that cleaning and sanitizing solutions may be circulated or passed throughout the fixed system. The design shall ensure that cleaning and sanitizing solutions contact all food contact surfaces. The system shall be self-draining or capable of being completely evacuated. Equipment and appurtenances designed for CIP shall have a section of the cleaned area accessible for inspection or shall provide for other acceptable inspection methods. The manufacturer shall provide written instructions for the cleaning and sanitizing of all food zone surfaces for which CIP is intended. The type and concentration of sanitizing agent recommended in the instructions by the manufacturer shall comply with 40 C.F.R. § 180.940.

~~NOTE — CIP procedures are not required for fat / oil filter systems that circulate filtered fat or oil throughout the fixed system.~~

5.1.4.1 CIP procedures are not required for fat / oil filter systems that circulate filtered fat or oil throughout the fixed system.

5.1.5 Equipment for which CIP is intended shall have a drain that enables the equipment to be plumbed to waste.

5.1.5.1 Drain shall be:

- Self-draining
- Provided with a minimum 0.5 in (1.3 cm) Iron Pipe Size (IPS) drain
- Consistent with drain requirements for ice pans and bins in NSF / ANSI 2.

Ballot Rationale: *NSF / ANSI 2 requires beverage stands to have a plumbed drip tray, but this requirement is not present for dispensing equipment certified under Standards 4 and 18. Many regulatory agencies require equipment using automatic cleaning cycles be plumbed to waste.*

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

NSF/ANSI International Standard for Biosafety Cabinetry —

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6 Performance

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6.8 Stability

The cabinet shall be designed and constructed to resist overturning and distortion under applied forces, resist deflection of the work surfaces under load, and resist tipping under workload.

6.8.1 Resistance to overturning

Cabinets shall conform to the requirements of ~~UL~~ IEC 61010-1[Error! Bookmark not defined.] ~~or current edition, Section 7.3~~.

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Normative Annex 1
(formerly Annex A)

Performance tests

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~~N-1.7 Resistance to overturning~~

~~N-1.7.1 Method~~

~~a) Block the cabinet (adjusted to manufacturer's tallest rated service position on stand if applicable) at front or rear bottom edge to prevent lateral movement.~~

~~b) Tilt the cabinet 10° from horizontal in the direction most likely to cause overturn.~~

~~N-1.7.2 Acceptance~~

~~The cabinet shall not initiate overturn when tilted 10° from horizontal in the direction most likely to cause overturn.~~

***Rationale**:NSF-49 already requires compliance to IEC 61010-1, which includes the stability test. Thus there is no need for re-testing by NSF during the performance testing.*

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

NSF/ANSI 53:

Drinking Water Treatment Units — Health Effects

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7 Elective performance claims – Test methods

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7.2 Chemical reduction claims

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7.2.1 Organic chemical reduction testing

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7.2.1.5 General test water

A public water supply shall be used with the following specific characteristics maintained throughout the test for contaminant reduction claims:

pH	7.5 ± 0.5
temperature	20 ± 2.5 °C (68 ± 5 °F)
TDS	200 to 500 mg/L
TOC	> 1.0 mg/L [a]
turbidity	< 1 NTU
[a] If naturally present in source water at adequate concentration. Adjustment of TOC is given in Section 7.2.1.5.1.	

7.2.1.5.1 TOC adjustment

Specification indicated in Section 7.2.1.5 shall be maintained if naturally occurring TOC is available in the source water at levels greater than 1.0 mg/L. If concentration of TOC needs to be increased to meet the minimum specification, chlorinated tannic acid as prepared in accordance with Annex N-7 shall be added to the test water to achieve a specification of TOC at 1.5 ± 0.5 mg/L.

7.2.1.5.2 Methanol shall be used as the solvent when needed to introduce a contaminant to the test water.

7.2.1.5.3 pH adjustment

The pH shall be increased by adding up to 6 N sodium hydroxide (NaOH). The pH shall be decreased by adding up to 6 N hydrochloric acid (HCl).

7.2.1.5.4 TDS adjustment

The TDS concentration shall be increased by adding sodium chloride (NaCl). The TDS concentration shall be decreased by blending with deionized water.

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***Rationale*: Adds procedures for adjusting pH and TDS for consistency with NSF/ANSI 42.**

[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 *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard
For Wastewater Technology –

Onsite Residential and Commercial Water Reuse Treatment Systems

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8 Performance testing and evaluation

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8.3 Commercial treatment systems with combined wastewater flows and commercial laundry water of any capacity, and greywater capacities exceeding 5,678 LPD (1,500 GPD)

Commercial treatment systems that treat combined commercial facility wastewater and commercial facility laundry water of any capacity, and those that treat greywater with capacities exceeding 5,678 LPD (1,500 GPD) shall be tested and evaluated in accordance with Annex N-1. These systems ~~shall~~ may be performance tested and evaluated at the locaton of the reuse system installation~~,~~. These systems shall be perfromance-tested using the wastewater generated onsite from the commercial facility serving the treatment system.

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Rationale: allows systems to be tested either in the field or at a test center, while clarifying that the system shall be tested using wastewater generated on-site.

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

NSF/ANSI Standard
for Public Drinking Water Equipment Performance

Public Drinking Water Equipment Performance – Filtration

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C.4 Challenge test reporting and results for membrane filters

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C.4.2.2 QCRV determination for membrane filters

Challenge testing is used to establish the LRV of an integral module of a particular product type; however, it does not necessarily guarantee that all such modules produced will achieve the same level of performance due to variability in the manufacturing process. In order to address this issue, a NDPT is applied to all subsequently manufactured modules that are not subject to challenge testing to ensure that these modules meet the performance established during challenge testing.

The minimum passing test result for a NDPT is known as the QCRV. After a group of modules has been subjected to challenge testing, the NDPT is applied to those modules to determine an appropriate QCRV associated with the removal efficiency observed during the test. Subsequently, all modules that are not subjected to challenge testing must pass the same NDPT by exceeding the established QCRV applicable to *Cryptosporidium* removal under the LT2ESWTR. Modules that do not pass the NDPT at the QCRV would not be eligible for *Cryptosporidium* removal credit under the rule and could not be used in any membrane filtration systems applied for this purpose (40 CFR § 141.719(b)(2)(vii)).

The LT2ESWTR does not specify a particular procedure for determining the QCRV from the various modules that are subjected to challenge testing. Therefore, the independent testing organization in consultation with the manufacturer can have discretion in selecting an appropriate methodology. This standard recommends employing a methodology similar to that required for determining $LRV_{C\text{-}TEST}$. In cases where the $LRV_{C\text{-}TEST}$ results for each module tested exceeds 6.0 log but less than the maximum 6.5 log, the re-set of the QCRV would then be based on the highest observed PDR test if the NDPT is the PDR.

Rationale: Statement added to allow challenge testing for Log Removal Value (LRVc-test) and Quality Control Release Value (QCRV) based on a threshold of performance for high performing UF and MF modules.

[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 *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI/CAN Standard

Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and other Recreational Water Facilities

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23 Heat exchangers, heaters, coolers, and solar water heating systems

23.1 General

The requirements in this section apply to devices utilized to increase or decrease the temperature of pools, spas, and other recreational waters. Some examples of products addressed by this section include metal and or plastic heat exchangers, heaters, coolers, and solar radiant panel collectors and associated components such as fittings, couplings, and valves.

23.1.1 Sections of the heater that may require inspection or service shall be accessible.

23.1.2 Heaters shall be marked or labeled for proper assembly/installation and operation.

23.1.3 ~~Replacement parts for the heater shall fit the heater without a need for undue alteration of the heater or replacement part.~~Applicable diagrams and a parts list shall be provided to facilitate the identification and ordering of replacement parts or other supply and installation needs.

UL 448C, Standard for Safety for Stationary, Rotary-Type, Positive-Displacement Pumps for Fire-Protection Service

1. Pump Marking Update

PROPOSAL

MARKINGS

21 General

21.1 Each pump assembly shall be provided with a corrosion-resistant metal nameplate and fasteners with the following information that is securely attached to the pump in a visible location:

a) Manufacturer's or private labeler's name or identifying symbol;

b) Model or type designation;

c) Capacity of pump, ____gallons per minute at ____pounds per square inch (rated net pressure), or ___ liters per minute at ___ kPa (rated net pressure);

d) Rated speed;

e) Specific gravity of liquid;

f) Serial number;

g) Maximum brake-horsepower required at rated speed while flowing 100% of the rated pump capacity through the relief valve. Alternatively, the horsepower on the pump performance curve while the pump is discharging the rated capacity at 125% of the rated net set pressure of the relief valve~~Maximum brake-horsepower required at rated speed (including requirements associated with the relief valve)~~;

h) Required net positive suction head (NPSHr), ft;

i) Maximum positive suction pressure (psig or kPa); and

j) Maximum working (discharge) pressure, (psig or kPa).

BSR/UL 746A, Standard for Safety for Polymeric Materials – Short Term Property Evaluations

1. **Correction of the Definition of Regrind in Paragraph 4.5**

PROPOSAL

4.5 REGRIND – A noncontaminated product or scrap such as sprues and runners that have been reclaimed by shredding, ~~repelletizing,~~ and granulating for use in-house.