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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 183-202x, Best Practice Recommendation for Limited Friction Ridge Examinations (new standard)
Stakeholders: Forensic examiners, attorneys, judges, defendants, victims.

Project Need: Forensic service providers are often inundated with increasing backlogs and limited resources to effectively respond to the growing demands of the criminal justice system. As a result, many forensic service providers are faced with the need to triage the submission and/or examination of evidence to ensure all cases receive the attention they need to support ongoing investigations and litigation. This document has been developed with the objective of improving the efficiency while maintaining the quality and consistency of friction ridge examination practices for limited exams.

Interest Categories: Academics and Researchers; General Interest; Jurisprudence and Criminal Justice; Organizations; Producer; User Government; User Non-Government.

Scope: This document provides best practice recommendations for policies and procedures regarding how to conduct limited examinations of friction ridge impression evidence, and proper documentation for these examinations. Limited exams are partial analyses, comparisons, and/or processing that do not fully utilize the capabilities of a Forensic Service Provider.

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

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

Revision

BSR/AHRI Standard 540-202x (SI/I-P), Performance Rating of Positive Displacement Refrigerant Compressors (revision of ANSI/AHRI Standard 540 (I-P and SI)-2016)
Stakeholders: Groups and individuals known to be, or who have indicated that they are, directly and materially affected by the standard, including manufacturers, testers, regulators, trade or professional organizations, and associations representing consumers.

Project Need: The purpose of this standard is to establish for Positive Displacement Compressors: definitions, test requirements, rating requirements, minimum data requirements for Published Ratings, operating requirements, marking and nameplate data, and conformance conditions. The standard defines the minimum amount of information, in a standard form to enable the evaluation and comparison of different Positive Displacement Compressors for use in an application.

Interest Categories: Product Manufacturer, Testing Laboratory, General Interest.

Scope: This standard applies to Positive Displacement Compressors and their presentation of performance in heating, ventilation, air-conditioning, and refrigeration applications. The manufacturer is solely responsible for the determination of values to be used in published product information. This standard stipulates the minimum amount of information to be provided and suggests a method to be used to verify the accuracy of that information.

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

Christopher Merther; chris.merther@itsdf.org | 1750 K Street NW, Suite 460 | Washington, DC 20006 www.indtrk.org

Revision

BSR/ITSDF B56.11.4-202x, Hook-Type Forks and Fork Carriers for Powered Industrial Forklift Trucks (revision of ANSI/ITSDF B56.11.4-2013 (R2018))
Stakeholders: Manufacturers and users of hook-type forks and fork carriers used on powered industrial forklift trucks.

Project Need: To update requirements to state-of-the-art.

Interest Categories: User, Manufacturer, General Interest.

Scope: This standard encompasses standards relative to hook-type fork carriers and the attaching elements of fork arms and load handling attachments for forklift trucks, in relation to manufacturers rated capacities of trucks up to and including 11,000 kg (24,000 lb).

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

Christopher Merther; chris.merther@itsdf.org | 1750 K Street NW, Suite 460 | Washington, DC 20006 www.indtrk.org

Reaffirmation

BSR/ITSDF B56.11.5-2014 (R202x), Measurement of Sound Emitted by Low Lift, High Lift, and Rough Terrain Powered Industrial Trucks (reaffirmation of ANSI/ITSDF B56.11.5-2014 (R2018))
Stakeholders: Manufacturers and users of low-lift, high-lift, and rough-terrain powered industrial trucks.

Project Need: Requirements still current.

Interest Categories: User, Manufacturer, General Interest.

Scope: This Standard establishes the conditions, test procedures, environment, and instrumentation for the determination and reporting of the A-weighted sound pressure level of electric battery and internal combustion engine powered, low lift, high lift, and rough terrain industrial trucks.

TCIA (ASC A300) (Tree Care Industry Association)

Robert Rouse; rrouse@tcia.org | 136 Harvey Road, Suite 101 | Londonderry, NH 03053 www.treecareindustry.org

Revision

BSR A300-202x, A300 Tree Care Standards (revision, redesignation and consolidation of ANSI A300 Part 1-2017, ANSI A300 Part 2-2018, ANSI A300 Part 3-2013, ANSI A300 Part 4-2014, ANSI A300 Part 5-2019, ANSI A300 Part 6-2012 (R2018), ANSI A300 Part 7-2018, ANSI A300 Part 8-2019, ANSI A300 Part 9-2017, ANSI A300 Part 10-2016)

Stakeholders: Any person or entity engaged in the management of trees, shrubs, palms, or other woody plants, including federal, state or local agencies, utilities, arborists, consultants, arboricultural or landscape firms, and managers or owners of property.

Project Need: This project consolidates the 10 current ANSI A300 standards for Tree Care Management into one unified Tree Care standard. This project is needed as many tree care operations include tasks that fall under the scope of multiple A300 standards. One unified A300 standard will allow users to easily navigate tree care standards based on the scope of their activities. TCIA has previously submitted PINS for ANSI A300 standards that are being revised concurrently by the consolidation project. This PINS is to provide notice that the consolidation project is being undertaken.

Interest Categories: (a) Producer: Materially affected green/land care industry vendors agencies that represent vendors. (b) User – Industry: Materially affected green/land care industry private businesses. (c) User – Community/Consumer: Materially affected organizations or agencies that represent community and/or consumer groups that use and/or promote ANSI A300 standards. (d) User – Government: Materially affected government agencies or organizations representing government agencies or organizations representing professionals who work for those agencies. (e) General Interest – Professional Society: Materially affected members of green/land care industry professional organizations and societies whose primary membership base are individual professionals (IRS 501C5 – individual votes). (f) General Interest – Environment: Materially affected organizations or agencies that have directly related environmental and/or resource concerns. (g) General Interest – Trade Association.

Scope: A300 performance standards cover the care and management of trees, shrubs, palms, and other woody landscape plants, including the following activities: Pruning; Soil Management and Fertilization; Supplemental Support System installation and maintenance; Lightning Protection System installation and maintenance, Management during construction activities; Planting; Transplanting; Integrated Vegetation Management; Root Management; Risk Assessment; and, Integrated Pest Management. A300 standards are intended for the development of work practices, written specifications, best management practices, regulations, and other guidance documents. These standards may be excerpted or incorporated by reference; however, they are not intended to be adopted in their entirety into laws and regulations or as work specifications without additional information and clarification, such as A300 specification writing guidelines. A300 standards shall apply to any person or entity engaged in the management of trees, shrubs, palms, or other woody plants, including federal, state or local agencies, utilities, arborists, consultants, arboricultural or landscape firms, and managers or owners of property. ANSI A300 standards do not apply to commercial agricultural, horticultural production, or silviculture unless this standard, or a portion thereof, is expressly referenced in other standards or specifications. This project will revise, redesignate, and consolidate the current ANSI A300 Part 1 to Part 10 standards for tree care management into one A300 standard for tree care.

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: September 18, 2022

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

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

Addenda

BSR/ASHRAE Addendum ac to BSR/ASHRAE Standard 34-202x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)
This proposed addendum provides clarification on the pressure range for flammability testing by revising Sections B1.1 and B1.9.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

NSF (NSF International)

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

Revision

BSR/NSF 4-202x (i34r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2020)
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

Comment Deadline: September 18, 2022

NSF (NSF International)

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

Revision

BSR/NSF 358-1-202x (i7r1), Polyethylene Pipe and Fittings for Water-Based Ground-Source Geothermal Heat Pump Systems (revision of ANSI/NSF 358-1-2021)
This Standard establishes the minimum physical and performance requirements for plastic piping system components. These criteria were established for the protection of property, public health and the environment.
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 | jsnider@nsf.org, www.nsf.org

Revision

BSR/NSF 358-1-202x (i8r1), Polyethylene Pipe and Fittings for Water-Based Ground-Source Geothermal Heat Pump Systems (revision of ANSI/NSF 358-1-2021)
This Standard establishes the minimum physical and performance requirements for plastic piping system components. These criteria were established for the protection of property, public health and the environment.
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 | rbrooker@nsf.org, www.nsf.org

Revision

BSR/NSF 455-2-202x (i31r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)
This Standard is intended to define a standardized approach for auditing to determine the level of compliance of dietary supplement products to 21 CFR 111 Current Good Manufacturing Practices (GMPs) in Manufacturing, Packaging, Labeling, or Holding Operations for Dietary Supplements as well as incorporating additional retailer requirements. It refers to the requirements for GMP applicable to all dietary supplements. It will assist in the determination of adequate facilities and controls for dietary supplement manufacture with sufficient quality to ensure suitability for intended use.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Rachel Brooker; rbrooker@nsf.org

Comment Deadline: September 18, 2022

NSF (NSF International)

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

Revision

BSR/NSF 455-3-202x (i30r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2021)
This Standard is intended to define a standardized approach for auditing to determine the level of compliance of cosmetic products to ISO 22716 Good Manufacturing Practices (GMPs) for cosmetics as well as incorporating additional retailer requirements. It refers to the requirements for GMPs applicable to all cosmetics. It will assist in the determination of adequate facilities and controls for cosmetic manufacture with sufficient quality to ensure suitability for intended use.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Rachel Brooker; rbrooker@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 455-4-202x (i37r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2021)
This Standard is intended to define a standardized approach for auditing to determine the level of compliance of over-the-counter (OTC) drug products to 21 CFR Part 210 Current Good Manufacturing Practice in Manufacturing, Processing, Packing, or Holding of Drugs; General and 21 CFR Part 211 Current Good Manufacturing Practice for Finished Pharmaceuticals, well as incorporating additional retailer requirements. It refers to the requirements for good manufacturing practices (GMPs) applicable to all OTC drugs. It will assist in the determination of adequate facilities and controls for OTC drug manufacture with sufficient quality to ensure suitability for intended use.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Rachel Brooker; rbrooker@nsf.org

ULSE (UL Standards & Engagement)

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

National Adoption

BSR/UL 61010-1-202x, Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use; Part 1: General Requirements (national adoption of IEC 61010-1 with modifications and revision of ANSI/UL 61010-1-2018)
The following changes in requirements are being proposed for this review: (1) CSA C22.2 No. UL 61010-1 U3 - Scope Clarification; and (2) Addition of reference of UL 62368-1 and CAN/CSA C22.2 No. 62368-1 as an alternative to UL/CSA 60950-1 and UL/CSA 60065.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: "https://csds.ul.com/Home/ProposalsDefault.aspx."

Comment Deadline: September 18, 2022

ULSE (UL Standards & Engagement)

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

New Standard

BSR/UL 495-202x, Standard for Safety for Power-Operated LP-Gas Dispensing Equipment (new standard)
The following topic is being recirculated: (1) Proposed harmonized US and Canadian Standard for Power-Operated LP-Gas Dispensing Equipment, UL 495.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area "https://csds.ul.com/Home/ProposalsDefault.aspx".

ULSE (UL Standards & Engagement)

47173 Benicia Street, Fremont, CA 94538 | Linda.L.Phinney@ul.org, https://ul.org/

Revision

BSR/UL 355-202X, Standard for Safety for Cord Reels (revision of ANSI/UL 355-2021)
Addition of the Standard for Marking and Labeling Systems – Flag Labels, Flag Tags, Wrap-Around Labels and Related Products, UL 969A into UL 355.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area "https://csds.ul.com/Home/ProposalsDefault.aspx."

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 498-202x, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2022)
The proposed revisions to UL 498 include a revision to expand requirements for Weather Resistant Receptacles; SD1.2A, SD9.2.
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 "https://csds.ul.com/Home/ProposalsDefault.aspx."

ULSE (UL Standards & Engagement)

47173 Benicia Street, Fremont, CA 94538 | Linda.L.Phinney@ul.org, https://ul.org/

Revision

BSR/UL 1441-202X, Standard for Safety for Coated Electrical Sleeving (revision of ANSI/UL 1441-2021)
Revise 5.7.1 to Remove Redundant Information and Revise 5.8.3 to Remove "Not Heat Shrinkable".
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area "https://csds.ul.com/Home/ProposalsDefault.aspx."

Comment Deadline: October 3, 2022

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB BPR 156-202x, Best Practices for Specimen Collection and Preservation for Forensic Toxicology (new standard)
This document delineates guidelines for the collection of forensic toxicology specimens, their amounts, preservatives, and storage conditions. This guideline applies to specimens collected for laboratories performing forensic toxicological analysis in the following sub-disciplines: postmortem toxicology, human performance toxicology (e.g., drug-facilitated crimes and driving-under-the-influence of alcohol or drugs) and other forensic testing (e.g., court-ordered toxicology, general forensic toxicology). It is not intended for the area of breath alcohol toxicology.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: www.aafs.org/academy-standards-board.
Order from: Document will be provided electronically on AAFS Standards Board website (www.aafs.org/academy-standards-board) free of charge.
Send comments (copy psa@ansi.org) to: asb@aafs.org

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB BPR 171-202x, Best Practice Recommendations for the Management and Use of Quality Assurance DNA Elimination Databases in Forensic DNA Analysis (new standard)
This document provides best practice recommendations for the collection, storing, searching, and retention of DNA elimination samples and/or profiles in a quality assurance database. This document addresses the use of elimination databases as one component of a comprehensive approach to detect and monitor contamination.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: www.aafs.org/academy-standards-board.
Order from: Document will be provided electronically on AAFS Standards Board website (www.aafs.org/academy-standards-board) free of charge.
Send comments (copy psa@ansi.org) to: asb@aafs.org

Comment Deadline: October 3, 2022

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 123-202x, Standard for Routine Internal Evaluation of a Laboratory's DNA Interpretation and Comparison Protocol (new standard)
This standard provides the requirements for the technical leader (or appropriate personnel) to: (1) routinely evaluate the consistent application of the developed, verified and implemented DNA interpretation and comparison protocol within a laboratory and laboratory system; and (2) assess whether the DNA interpretation and comparison protocol is appropriately and consistently used to produce reliable and reproducible interpretations and comparisons. This standard addresses the development of an internal evaluation system, including proper format of data, types of data to use, frequency of evaluation, and how to assess results. This standard applies directly to capillary electrophoresis-based STR DNA testing, but may also be applied as appropriate to laboratories using other DNA testing methods. This standard applies to manual/binary interpretation and comparison methods as well as methods using software as part of the analysis, interpretation, comparison, and/or for generation of statistical statements.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: https://www.aafs.org/academy-standards-board
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Send comments (copy psa@ansi.org) to: asb@aafs.org

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 136-202x, Forensic Laboratory Standard for Prevention, Monitoring, and Mitigation of Human DNA Contamination (new standard)
This standard provides requirements for limiting, detecting, assessing the source of, and mitigating the effect of DNA contamination as applied to PCR-based human DNA analysis conducted within a forensic laboratory (i.e., casework and DNA database).
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: https://www.aafs.org/academy-standards-board
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Send comments (copy psa@ansi.org) to: asb@aafs.org

Comment Deadline: October 3, 2022

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 139-202x, Reporting DNA Conclusions (new standard)
This standard contains the reporting requirements for human autosomal STR and haplotype DNA conclusions for results obtained from evidentiary samples in forensic casework and does not apply to paternity or any other biological relatedness conclusions. This standard only addresses the requirements for providing DNA conclusions in the report.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: www.aafs.org/academy-standards-board.
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Send comments (copy psa@ansi.org) to: asb@aafs.org

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 153-202x, Standard Practices for Proficiency Testing for Forensic Toxicology Laboratories and Breath Alcohol Programs (new standard)
This document defines the minimum scope, requirements, and frequency for proficiency testing for laboratories engaged in the following sub-disciplines: postmortem forensic toxicology, human performance toxicology (e.g., drug-facilitated crimes, driving-under-the-influence of alcohol or drugs, breath alcohol program), and general forensic toxicology (non-lethal poisonings or intoxications). This document is not intended to cover employment drug testing or court ordered toxicology (e.g., probation and parole, drug courts, child services).
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: https://www.aafs.org/academy-standards-board
Order from: Document will be provided electronically on AAFS Standards Board website (www.aafs.org/academy-standards-board) free of charge.
Send comments (copy psa@ansi.org) to: asb@aafs.org

Comment Deadline: October 3, 2022

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 154-202x, Standard for Training on Testimony for Forensic Biology (new standard)
This document provides minimum training program requirements for forensic biology practitioners on scientific and legal principles necessary to testify.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: www.aafs.org/academy-standards-board.
Order from: Document will be provided electronically on AAFS Standards Board website (www.aafs.org/academy-standards-board) free of charge.
Send comments (copy psa@ansi.org) to: asb@aafs.org

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 175-202x, Standard for Interpreting, Comparing and Reporting DNA Test Results Associated with Failed Controls and Contamination Events (new standard)
This standard provides requirements for the interpretation, comparison, and reporting of DNA data associated with control failures or contamination where re-testing is not performed. These requirements may be applied to any type of forensic DNA testing technology and methodology used in forensic laboratories.
Single copy price: Free
Obtain an electronic copy from: Document and comments template can be viewed on the AAFS Standards Board website at: https://www.aafs.org/academy-standards-board
Order from: Document will be provided electronically on AAFS Standards Board website (www.aafs.org/academy-standards-board) free of charge.
Send comments (copy psa@ansi.org) to: asb@aafs.org

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

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

Revision

BSR/AHRI Standard 1200-202x (I-P), Performance Rating of Commercial Refrigerated Display Merchandisers and Storage Cabinets (revision of ANSI/AHRI Standard 1200 (I-P)-2013)
This standard applies to the following manufacturers' standard catalog Commercial Refrigerated Display Merchandisers and Storage Cabinets, provided that the cases are equipped and designed to work with electrically driven, direct expansion type systems: Self-contained and Remote Commercial Refrigerated Display Merchandisers and Storage Cabinets as well as Open and Closed Commercial Refrigerated Display Merchandisers.
Single copy price: Free
Obtain an electronic copy from: https://ahrinet.org/standards/how-to-participate
Send comments (copy psa@ansi.org) to: AHRI_Standards@ahrinet.org

Comment Deadline: October 3, 2022

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

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

Revision

BSR/AHRI Standard 550/590-202x (I-P), Performance Rating of Water-chilling and Heat Pump Water-heating Packages Using the Vapor Compression Cycle (revision of ANSI/AHRI Standard 550/590 (I-P)-2012 with Addendum 1)
This standard applies to factory-made vapor compression refrigeration Water-chilling and Water-heating Packages including one or more compressors. These Water-chilling and Water-heating Packages include: Water-cooled, Air-cooled, or Evaporatively cooled Condensers; Water-cooled heat recovery condensers; Air-to-water heat pumps; and Water-to-water heat pumps with a capacity greater or equal to 135,000 Btu/h. Water-to-water heat pumps with a capacity less than 135,000 Btu/h are covered by the latest edition of ASHRAE/ANSI/AHRI/ISO Standard 13256.
Single copy price: Free
Obtain an electronic copy from: https://www.ahrinet.org/standards/how-to-participate
Send comments (copy psa@ansi.org) to: AHRI_Standards@ahrinet.org

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

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Revision

BSR/AHRI Standard 551/591-202x (SI), Performance Rating of Water-chilling and Heat Pump Water-heating Packages Using the Vapor Compression Cycle (revision of ANSI/AHRI Standard 551/591 (SI) with Addendum 1 -2012)
This standard applies to factory-made vapor compression refrigeration Water-chilling and Water-heating Packages including one or more compressors. These Water-chilling and Water-heating Packages include: Water-cooled, Air-cooled, or Evaporatively cooled Condensers; Water-cooled heat recovery condensers; Air-to-water heat pumps; and Water-to-water heat pumps with a capacity greater or equal to 135,000 Btu/h. Water-to-water heat pumps with a capacity less than 135,000 Btu/h are covered by the latest edition of ASHRAE/ANSI/AHRI/ISO Standard 13256.
Single copy price: Free
Obtain an electronic copy from: https://www.ahrinet.org/standards/how-to-participate
Send comments (copy psa@ansi.org) to: AHRI_Standards@ahrinet.org

Comment Deadline: October 3, 2022

ARESCA (American Renewable Energy Standards and Certification Association)

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

National Adoption

BSR/ARESCA 61400-5-202x, Wind energy generation systems - Part 5: Wind turbine blades (identical national adoption of IEC 61400-5:2020)
IEC 61400-5:2020 specifies requirements to ensure the engineering integrity of wind turbine blades as well as an appropriate level of operational safety throughout the design lifetime. It includes requirements for:
- aerodynamic and structural design,
- material selection, evaluation and testing,
- manufacture (including associated quality management),
- transportation, installation, operation and maintenance of the blades.
The purpose of this document is to provide a technical reference for designers, manufacturers, purchasers, operators, third party organizations and material suppliers, as well as to define requirements for certification.
Single copy price: Free
Obtain an electronic copy from: secretary@aresca.us
Order from: ARESCA
Send comments (copy psa@ansi.org) to: secretary@aresca.us

ARESCA (American Renewable Energy Standards and Certification Association)

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

National Adoption

BSR/ARESCA 61400-8-202x, Wind energy generation systems - Part 8: Design of wind turbine structural components (identical national adoption of IEC 61400-8:2023)
(1) Identify the relevant parts in existing standards for the design of bolted, welded, forged and cast ferrous metal components in wind turbines; (2) Evaluation of probabilistic design aspects and failure modes of the different structural components to recommend appropriate partial safety factors; (3) Evaluation of stress concentration effects and the reliability of bolted and welded joints; (4) Calibration of partial safety factors for material parameters for ultimate strength and fatigue strength; (5) Quantification of the impact of detailed failure analysis methods such as fracture mechanics on lowering partial safety factors as opposed to simple methods; (6) Identification of material and system tests required to provide design data and validate the integrity of the structure; (7) Development of proposals for standards for structural design of bolted, welded, and cast Ferrous metallic components. The work scope while setting the guidelines for structural design will not include detailed descriptions of methods for performing structural analysis.
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Send comments (copy psa@ansi.org) to: secretary@aresca.us

Comment Deadline: October 3, 2022

ARESCA (American Renewable Energy Standards and Certification Association)

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National Adoption

BSR/ARESCA 61400-28-202x, Wind energy generation systems - Part 28: Through life management and life extension of wind power assets (identical national adoption of IEC TS 61400-28:2023)
The complete scope would eventually cover all wind-farm assets, systems, subsystems, and components, including everything from the point of connection with the electrical grid to the turbines, civil works, foundations, network cabling, and meteorological instruments. Initially, the proposed focus would be to provide a TS for assessment of the turbines and their components. The view of the specialists consulted in the process of developing this proposal is that turbines should be the first priority, giving highest value to the users of this document. It is therefore envisaged that this project will continue beyond the publication of a first edition in order that important but less critical aspects may be addressed.
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ARESCA (American Renewable Energy Standards and Certification Association)

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National Adoption

BSR/ARESCA 61400-29-202x, Wind energy generation systems - Part 29: Marking and lighting of wind turbines (identical national adoption of IEC TS 61400-29:2023)
(1) Identify colorimetric quantities and the luminance factor or ordinary colours. Decide the type and shapes of marking in order to make the conspicuous to pilots during daylights. (2) Requirements for usage, installation positions, number of lights fittings installed at each level, angle for installation of obstruction lights in order to make them conspicuous to pilots in any direction during day and night operation. (3) Development of marking and lighting system(s) which adapts to all possible climate conditions. From high-latitude countries with snow and bright sunlight, through regions with cloudy weather, to those countries with vast areas covered with trees or forest shrubs. (4) Risk assessment and features of lighting with ADS. This system will be used to turn on the lights of WECs upon detection of airplanes. Lights are off when they are not needed, thereby to reduce energy consumption and minimize cause for complaint from local residents. (5) Requirement for IR radiation from WECs lights in order to make them visible to rescue teams performing flights at low altitude.
Single copy price: Free
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Comment Deadline: October 3, 2022

ARESCA (American Renewable Energy Standards and Certification Association)

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National Adoption

BSR/ARESCA 61400-30-202x, Wind energy generation systems - Part 30: Safety of Wind Turbine Generator Systems (WTGs) - General principles for design (identical national adoption of IEC TS 61400-30:2023)
This standard specifies the Essential Health and Safety Requirements (EHSR) related to the design of horizontal Wind Turbine Generator Systems (WTGs) that are internal accessible and larger than 200 m2 rotor area which are not covered by other standards or does not cover actual situations for a WTG so it can be erected, operated, maintained and decommissioned without putting persons at risk when these operations are carried out under the conditions foreseen but also taking into account any reasonably foreseeable misuse thereof. Identification of these EHSR, their risk assessment and risk reduction are undertaken by using principles from the relevant standards. The aims of measures taken/adopted to fulfill the EHSRs must employ the most effective technical means that are available at the time for a cost which is reasonable (As Low As Reasonably Practical - ALARP), taking into account the total cost and the risk reduction required, having to apply the following principles in the order given.
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ARESCA (American Renewable Energy Standards and Certification Association)

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

National Adoption

BSR/ARESCA 61400-31-202x, Wind energy generation systems - Part 31: Siting Risk Assessment (identical national adoption of IEC TS 61400-31:2023)
This new Technical Specification will lay out the process and methods for the creation of a turbine siting risk assessment. This will have the following chapters:
- Glossary of terms and definitions;
- Aims of a risk assessment (who shall it serve and when needed);
- Types of risk events, at least however not exclusive the following ones: Collapse, Dropping of parts, Ice drop and throw, and Traffic distraction - often with crane or other large equipment maneuvers and operation.
NOTE: It is intended to exclude worker safety as that is covered by in-company assessments.
- Values under risk: Included: people in general public, directly and indirectly impacted; Excluded: people as economically associated economic goods;
- Risk criteria;
- Risk assessment;
- Risk evaluation;
- Risk management;
- References.
Single copy price: Free
Obtain an electronic copy from: secretary@aresca.us
Order from: ARESCA
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Comment Deadline: October 3, 2022

ARESCA (American Renewable Energy Standards and Certification Association)

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

National Adoption

BSR/ARESCA 61400-15-2-202x, Wind energy generation systems - Part 15-2: Framework for assessment and reporting of the wind resource and energy yield (identical national adoption of IEC 61400-15-2:2023)
The scope of this standard is the assessment and reporting of site-specific wind conditions. This includes the following aspects:
- All measurement, analysis, and evaluation steps including data analysis, modeling, loss assessment, and net energy production estimation for wind power stations;
- All documentation requirements to make the results traceable to national standards;
- All reporting requirements;
- A standardized approach to the uncertainty assessment of an assessment of site-specific wind conditions. The expression "site-specific conditions" as used in the context of this document is defined as the set of meteorological site conditions which are relevant for the design, operation, and structural integrity of a wind turbine (WT). The meteorological site conditions addressed in this document relate to wind conditions, where parameters like wind speed, wind direction, air density, or air temperature are included to the extent that they affect the wind flow.
Single copy price: Free
Obtain an electronic copy from: secretary@aresca.us
Send comments (copy psa@ansi.org) to: secretary@aresca.us

ARESCA (American Renewable Energy Standards and Certification Association)

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

National Adoption

BSR/ARESCA 61400-26-4-202x, Wind energy generation systems - Part 26-4: Reliability for wind energy generating systems (identical national adoption of IEC TS 61400-26-4:2023)
This technical specification defines information categories from which reliability metrics can be identified and reported. These definitions shall apply to an individual wind turbine (WTGS) as well as to a Wind Power Station (WPS). The technical specification expands on the information model in Parts 1, 2, and 3, recognizing that availability and reliability are interrelated. Reliability is commonly defined as the probability that a product or a system will perform its intended functions satisfactorily without failure and within specified performance limits at a certain time, for a specified length of time, operating under specified environmental and operational conditions. Availability is impacted by reliability, maintenance strategy, and external factors such as environmental and grid conditions. It is not the intention of this specification to assign specific reliability specifications, constraints, or targets, but rather to provide standardized means of categorizing and prioritizing data and to illustrate the use of the model and metrics in informative annexes. Specifications for technical requirements including loads, lifetime, and safety margins and manufacturing may be found in the IEC 61400 series and the ISO quality manufacturing series. Owners, operators, service providers, OEMs/suppliers, financiers, insurers, grid system operators, developers, and other stakeholders can use the information model as a common basis for reporting reliability metrics.
Single copy price: Free
Obtain an electronic copy from: secretary@aresca.us
Order from: ARESCA
Send comments (copy psa@ansi.org) to: secretary@aresca.us

Comment Deadline: October 3, 2022

AVIXA (Audiovisual and Integrated Experience Association)

11242 Waples Mill Road, Suite 200, Fairfax, VA 22030 | lovercash@avixa.org, www.avixa.org

New Standard

BSR/AVIXA A103.01-202X, Measurement and Classification of Spectral Balance of Sound Systems in Listener Areas (new standard)
This Standard defines the parameters for characterizing the spectral balance of sound systems by evaluating its transfer function to identify variations in frequency response averaged across the audience listening area. The Standard defines a process to measure, document, and classify a sound system's ability to reproduce a relatively uniform spectral balance, also known as a uniform frequency response.
Single copy price: $30.00
Obtain an electronic copy from: lovercash@avixa.org
Send comments (copy psa@ansi.org) to: standards@avixa.org

AVIXA (Audiovisual and Integrated Experience Association)

11242 Waples Mill Road, Suite 200, Fairfax, VA 22030 | lovercash@avixa.org, www.avixa.org

Revision

BSR/AVIXA A102.01-202X, Measurement and Classification of Audio Coverage Uniformity in Listener Areas (revision and redesignation of ANSI/INFOCOMM A102.01-2017)
This Standard provides a procedure to measure and classify the uniformity of early arriving energy from a sound system across a listener area.
Single copy price: $30.00
Obtain an electronic copy from: lovercash@avixa.org
Send comments (copy psa@ansi.org) to: standards@avixa.org

CSA (CSA America Standards Inc.)

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

New Standard

BSR/CSA Z5020-202x, Building energy modelling (new standard)
This Standard describes energy model quality assurance and quality control rules and procedures to help standardize modeling requirements based on the energy model use case, in order to improve confidence in and consistency of modeling results. This Standard provides a methodology for classifying energy model use cases. This Standard supports the consistent application of energy modeling to new buildings to document compliance with the BEM program. This Standard applies to all buildings except single-family houses, multifamily structures of three or fewer stories above grade, mobile homes, and modular homes.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

Comment Deadline: October 3, 2022

CSA (CSA America Standards Inc.)

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

Revision

BSR/CSA NGV 1-202x, Compressed Natural Gas Vehicle (NGV) Fueling Connection Devices (revision of ANSI/CSA NGV1-2017)
This standard applies to newly produced compressed Natural Gas Vehicle (NGV) fueling connection devices constructed entirely of new, unused parts and materials. NGV fueling connection devices shall consist of receptacle and cap, nozzle, and/or three-way valve.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

CTA (Consumer Technology Association)

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

New Standard

BSR/CTA 2107-202x, The Use of Artificial Intelligence in Health Care: Managing, Characterizing, and Safeguarding Data (new standard)
To develop best practices related to data governance/stewardship for the use of artificial intelligence in health care.
Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Order from: standards@cta.tech
Send comments (copy psa@ansi.org) to: CAkers@cta.tech

CTA (Consumer Technology Association)

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

Revision

BSR/CTA 2037-D-202x, Determination of Television Set Power Consumption (revision and redesignation of ANSI/CTA 2037-C-2021)
This standard defines a method of measuring television set power consumption and related items. It is intended for television sets powered from an external source. Television sets with a non-removable main battery are excluded.
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Obtain an electronic copy from: standards@cta.tech
Order from: standards@cta.tech
Send comments (copy psa@ansi.org) to: CAkers@cta.tech

Comment Deadline: October 3, 2022

NEMA (ASC C136) (National Electrical Manufacturers Association)

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

New Standard

BSR C136.56-202x, Roadway and Area Lighting Equipment - Standard Finishes (new standard)
This document establishes basic standard finishes and testing requirements for outdoor lighting products. It includes wet and dry finishes, as well as unfinished metallic, anodized, and hot & cold galvanized surface finishes. This standard includes, but is not limited to, luminaires, brackets, external hardware, transformer bases, control cabinets, and poles. This standard does not cover polymeric components.
Single copy price: $50.00
Obtain an electronic copy from: david.richmond@nema.org
Order from: david.richmond@nema.org
Send comments (copy psa@ansi.org) to: Same

NEMA (ASC C136) (National Electrical Manufacturers Association)

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

New Standard

BSR C136.57-202x, Wall Pack Luminaires for Exterior Lighting (new standard)
This standard covers dimensional, installation, maintenance, and light distribution features that permit the interchange of wall-mounted luminaires. Luminaires of similar size, shape, and weight meeting the requirements of this standard may be used interchangeably within a system with assurance that:
- They mount the luminaires mount on a wall surface.
- Light distribution will be similar;
- Similar installation procedures can be used; and
- Similar maintenance procedures can be used.
Single copy price: $30.00
Obtain an electronic copy from: david.richmond@nema.org
Order from: david.richmond@nema.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 3, 2022

NSF (NSF International)

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

Revision

BSR/NSF 42-202x (i120r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2021)
The point-of-use (POU) and point-of-entry (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 address one or more of the following:
- reduce substances affecting the aesthetic quality of the water;
- add chemicals for scale control; or
- limit microbial growth in the system (bacteriostatic).
Substances may be soluble or particulate in nature. It is recognized that a system may be effective in controlling one or more of these substances but is not required to control all. Systems with manufacturer claims that include components or functions covered under other NSF or NSF/ANSI Standards or Criteria shall conform to the applicable requirements therein. Filter systems covered by this Standard are not intended to be used with drinking water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/65063/42i120r1%20et%20al%20-%20JC%20Memo%20&%20Ballot.pdf
Send comments (copy psa@ansi.org) to: Monica Milla; mmilla@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 53-202x (i146r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2021)
It is the purpose of this Standard to establish minimum requirements for materials, design and construction, and performance of point-of-use and point-of-entry drinking-water treatment systems that are designed to reduce specific health-related contaminants in public or private water supplies. Such systems include point-of-entry drinking water treatment systems used to treat all or part of the water at the inlet to a residential facility or a bottled water production facility, and includes the material and components used in these systems. This Standard also specifies the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners, as well as the minimum service-related obligations that the manufacturer shall extend to system owners.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/65063/42i120r1%20et%20al%20-%20JC%20Memo%20&%20Ballot.pdf
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Comment Deadline: October 3, 2022

NSF (NSF International)

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

Revision

BSR/NSF 55-202x (i63r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2021)
The purpose of this Standard is to establish minimum requirements for the reduction of microorganisms using ultraviolet radiation (UV). UV water treatment systems covered by this Standard are intended for water that may be either microbiologically safe or microbiologically unsafe. This Standard also specifies the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners, as well as the minimum service-related obligations that the manufacturer shall extend to system owners.
Single copy price: Free
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NSF (NSF International)

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Revision

BSR/NSF 58-202x (i100r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58 -2021)
The purpose of this standard is to establish minimum requirements for materials, design and construction, and performance of reverse-osmosis drinking water treatment systems. This standard also specifies the minimum product literature that manufacturers shall supply to authorized representatives and owners, as well as the minimum service-related obligations that manufacturers shall extend to system owners.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/65063/42i120r1%20et%20al%20-%20JC%20Memo%20&%20Ballot.pdf
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NSF (NSF International)

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Revision

BSR/NSF 62-202x (i44r1), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2021)
This standard establishes minimum materials, design and construction, and performance requirements for point-of-use and point-of-entry drinking water distillation systems and the components used in these systems. Distillation systems covered by this standard are designed to reduce specific chemical contaminants from potable drinking water supplies. Systems covered under this standard may also be designed to reduce microbiological contaminants, including bacteria, viruses, and cysts, from potable drinking water supplies. It is recognized that a system may be effective in controlling one or more of these contaminants, but systems are not required to control all.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/65063/42i120r1%20et%20al%20-%20JC%20Memo%20&%20Ballot.pdf
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Comment Deadline: October 3, 2022

NSF (NSF International)

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Revision

BSR/NSF 177-202x (i12r1), Shower Filtration Systems - Aesthetic Effects (revision of ANSI/NSF 177-2019)
It is the purpose of this Standard to establish minimum performance requirements for shower filtration systems including substance reduction performance; materials safety; and design, construction, and structural performance. This Standard also specifies the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners.
Single copy price: Free
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NSF (NSF International)

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Revision

BSR/NSF 244-202x (i18r1), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2021)
The point-of-use (POU) and point-of-entry (POE) systems addressed by this Standard are designed to be used for the supplemental microbial control of specific organisms that may occasionally be present in drinking water (public or private) because of intermittent incursions. Certain of these specific organisms that may be introduced into the drinking water are considered established or potential health hazards. This Standard establishes requirements for POU and POE drinking water treatment systems, and the materials and components used in these systems.
Single copy price: Free
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NSF (NSF International)

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

Revision

BSR/NSI 373-202x (i7r1), Sustainable Production of Natural Dimension Stone (revision of ANSI/NSI 373-2022)
This sustainability standard establishes criteria to measure the extent to which natural stone has been produced sustainably. The standard applies to all processors of natural stone, from quarry operations through final stone fabrication, and is intended to allow for both domestic and international market participation from natural dimension stone producers. In practice, the facility operator applies this Standard to quarry operations, stone fabrication, or both.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/65144/373i7r1%20-%20Full%20Revision%20-%20JC%20memo%20%26%20Ballot.pdf
Send comments (copy psa@ansi.org) to: Andrea Burr; aburr@nsf.org

Comment Deadline: October 3, 2022

OPEI (Outdoor Power Equipment Institute)

1605 King Street, Alexandria, VA 22314 | gknott@opei.org, www.opei.org

Revision

BSR/OPEI B71.9-202x, Standard for Multipurpose Off-Highway Utility Vehicles (revision and redesignation of ANSI/OPEI B71.9-2016)
The standard establishes requirements for equipment, configuration, and performance of Multipurpose Off-Highway Utility Vehicles of all power sources. A MOHUV has features specifically intended for utility use and is (1) intended to transport a person(s) and/or cargo, with a top speed in excess of 25 mph; (2) 2030 mm or less in over width; (3) designed to travel on four or more wheels, two or four tracks, or a combination of the two; (4) using a steering wheel for steering control; (5) with a non-straddle seat; (6) with a Gross Vehicle Weight Rating of no more than 2495 kg; and (7) with a minimum cargo capacity of 159 kg.
Single copy price: Free
Obtain an electronic copy from: Greg Knott, gknott@opei.org
Send comments (copy psa@ansi.org) to: Greg Knott, gknott@opei.org

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 | kcooney@scte.org, www.scte.org

Reaffirmation

BSR/SCTE 85-1-2017 (R202x), HMS HE Optics Management Information Base (MIB) - Part 1: SCTE-HMS-HE-OPTICAL-TRANSMITTER-MIB (reaffirmation of ANSI/SCTE 85-1-2017)
The MIB module is for representing general information about optical equipment present in the headend (or indoor) and is supported by an SNMP agent.
Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: Global Engineering Documents
Send comments (copy psa@ansi.org) to: admin@standards.scte.org

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 | kcooney@scte.org, www.scte.org

Reaffirmation

BSR/SCTE 85-2-2003 (R202x), HMS HE Optics Management Information Base (MIB) - Part 2: SCTE-HMS-HE-OPTICAL-RECEIVER-MIB (reaffirmation of ANSI/SCTE 85-2-2017)
The MIB module is for representing general information about optical equipment present in the headend (or indoor) and is supported by an SNMP agent.
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Obtain an electronic copy from: admin@standards.scte.org
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140 Philips Rd, Exton, PA 19341 | kcooney@scte.org, www.scte.org

Reaffirmation

BSR/SCTE 85-3-2017 (R202x), HMS Inside Plant Management Information Base SCTE-HMS-HE-OPTICAL-AMPLIFIER-MIB (reaffirmation of ANSI/SCTE 85-3-2017)
This document provides MIB definitions for HMS optical amplifiers present in the headend (or indoor) and supported by a SNMP agent.
Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: Global Engineering Documents
Send comments (copy psa@ansi.org) to: admin@standards.scte.org

SCTE (Society of Cable Telecommunications Engineers)

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Reaffirmation

BSR/SCTE 85-4-2017 (R202x), HMS Common Inside Plant Management Information Base (MIB) SCTE-HMS-HE-OPTICAL-SWITCH-MIB (reaffirmation of ANSI/SCTE 85-4-2017)
This document provides MIB definitions for HMS optical switch equipment present in the headend (or indoor) and is supported by a SNMP agent.
Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
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Send comments (copy psa@ansi.org) to: admin@standards.scte.org

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 | kcooney@scte.org, www.scte.org

Reaffirmation

BSR/SCTE 94-1-2017 (R202x), HMS Common Inside Plant Management Information Base SCTE-HMS-HE-RF-AMP-MIB (reaffirmation of ANSI/SCTE 94-1-2017)
This document provides MIB definitions for HMS RF amplifier equipment present in the headend (or indoor) and is supported by a SNMP agent.
Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: Global Engineering Documents
Send comments (copy psa@ansi.org) to: admin@standards.scte.org

Comment Deadline: October 3, 2022

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 | kcooney@scte.org, www.scte.org

Reaffirmation

BSR/SCTE 94-2-2017 (R202x), HMS Common Inside Plant Management Information Base SCTE-HMS-HE-RF-SWITCH-MIB (reaffirmation of ANSI/SCTE 94-2-2017)
This document provides MIB definitions for HMS RF switch equipment present in the headend (or indoor) and is supported by a SNMP agent.
Single copy price: $50.00
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SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 | kcooney@scte.org, www.scte.org

Reaffirmation

BSR/SCTE 112-2017 (R202x), HMS/DOCSIS Transponder for Outside Plant Power Supply (reaffirmation of ANSI/SCTE 112-2017)
This document contains the requirements for an “HMS/DOCSIS® Transponder for Outside Plant Power Supply.” The HMS/DOCSIS® transponder is defined to be a device where the DOCSIS component has been developed or modified specifically for the HMS/DOCSIS® application. This requirement leverages various HMS specifications and MIBS, as well as the DOCSIS® 1.1 specifications and MIBS.
Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: Global Engineering Documents
Send comments (copy psa@ansi.org) to: admin@standards.scte.org

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 | kcooney@scte.org, www.scte.org

Reaffirmation

BSR/SCTE 113-2017 (R202x), HMS Digital Transport Management Information Base SCTE-HMS-HE-DIG-TRANSPORT-MIB (reaffirmation of ANSI/SCTE 113-2017)
This document provides MIB definitions for HMS Digital Transport equipment present in the headend (or indoor) and is supported by a SNMP agent.
Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: Global Engineering Documents
Send comments (copy psa@ansi.org) to: admin@standards.scte.org

Comment Deadline: October 3, 2022

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 | kcooney@scte.org, www.scte.org

Revision

BSR/SCTE 185-202x, Test Method for Cantilever Force, Female F Port (revision of ANSI/SCTE 185-2017)
This test procedure is used to evaluate the mechanical strength of female "F" ports on passive or active devices when a cantilever force is applied to the port.
Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: Global Engineering Documents
Send comments (copy psa@ansi.org) to: admin@standards.scte.org

TIA (Telecommunications Industry Association)

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

National Adoption

BSR/TIA 526-14-D-202x, Optical Power Loss Measurement of Installed Multimode Fiber Cable Plant; IEC 61280 -4-1 edition 3, Fiber-Optic Communications Subsystem Test Procedures - Part 4-1: Installed Cable Plant - Multimode Attenuation Measurement (national adoption of IEC 61280-4-1 edition 3 with modifications and revision of ANSI/TIA 526-14-C-2015)
Proposal to revise to add reference to bend insensitive MM fiber for testing with EF-compliant launch cord.
Single copy price: $60.00
Obtain an electronic copy from: standards-process@tiaonline.org
Order from: TIA (standards-process@tiaonline.org)
Send comments (copy psa@ansi.org) to: standards-process@tiaonline.org

TIA (Telecommunications Industry Association)

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

Reaffirmation

BSR/TIA 5048-2017 (R202x), Automated Infrastructure Management (AIM) Systems Requirements, Data Exchange and Applications (reaffirmation of ANSI/TIA 5048-2017)
This standard specifies the requirements and recommendations for the attributes of Automated Infrastructure Management (AIM) systems, explains how AIM systems can contribute to operational efficiency, and specifies a framework of requirements and recommendations for data exchange with other systems.
Single copy price: $101.00
Obtain an electronic copy from: standards-process@tiaonline.org
Order from: TIA (standards-process@tiaonline.org)
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 3, 2022

ULSE (UL Standards & Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Grayson.Flake@ul.org, https://ul.org/

Reaffirmation

BSR/UL 985-2018 (R202x), Standard for Household Fire Warning System Units (August 19, 2022) (reaffirmation of ANSI/UL 985-2018)
This proposal covers: (1) Reaffirmation and continuance of the 6th edition of the Standard for Household Fire Warning System Units, UL 985, as a standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx.

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062-2096 | Amy.K.Walker@ul.org, https://ul.org/

Revision

BSR/UL 325-202x, Standard for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2020)
This proposal for UL 325 covers: (2) Bifold gates; (7) Puncture Resistance Test clarification to include gates.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
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/Home/ProposalsDefault.aspx.

ULSE (UL Standards & Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Wathma.Jayathilake@ul.org, https://ul.org/

Revision

BSR/UL 864-202x, Standard for Control Units and Accessories for Fire Alarm Systems (August 19, 2022) (revision of ANSI/UL 864-2020)
This proposal covers: (1) Proposed fifth edition of CAN/ULC 527, Standard for Control Units for Fire Alarm Systems, and Proposed eleventh edition of UL 864, Standard for Control Units and Accessories for Fire Alarm Systems.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx.

Comment Deadline: October 18, 2022

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME B89.1.13-2013 (R202x), Micrometers (reaffirmation of ANSI/ASME B89.1.13-2013)
This Standard is intended to provide the essential requirements for micrometers as a basis for mutual understanding between manufacturers and consumers. Outside, inside, and depth micrometers are described in the Standard.
Single copy price: $36.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Justin Cassamassino; cassasmassinoj@asme.org

Technical Reports Registered with ANSI

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Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to (psa@ansi.org).

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

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

New Technical Report

INCITS/ISO/IEC TR 20547-1:2020 [2022], Information technology - Big data reference architecture - Part 1: Framework and application process, a Technical Report prepared by INCITS and registered with ANSI (technical report)
Describes the framework of the big data reference architecture and the process for how a user of the document can apply it to their particular problem domain.
Single copy price: $55.00
Order from: https://webstore.ansi.org

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

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

New Technical Report

INCITS/ISO/IEC TR 20547-2:2018 [2022], Information technology - Big data reference architecture - Part 2: Use cases and derived requirements, a Technical Report prepared by INCITS and registered with ANSI (technical report)
Provides examples of big data use cases with application domains and technical considerations derived from the contributed use cases.
Single copy price: $125.00
Order from: https://webstore.ansi.org

Technical Reports Registered with ANSI

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

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

New Technical Report

INCITS/ISO/IEC TR 20547-5:2018 [2022], Information technology - Big data reference architecture - Part 5: Standards roadmap, a Technical Report prepared by INCITS and registered with ANSI (technical report)
Describes big data relevant standards, both in existence and under development, along with priorities for future big data standards development based on gap analysis.
Single copy price: $55.00
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ITI (INCITS) (InterNational Committee for Information Technology Standards)

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

New Technical Report

INCITS/ISO/IEC TS 23532-2:2021 [2022], Information security, cybersecurity and privacy protection - Requirements for the competence of IT security testing and evaluation laboratories - Part 2: Testing for ISO/IEC 19790, a Technical Report prepared by INCITS and registered with ANSI (technical report)
Complements and supplements the procedures and general requirements found in ISO/IEC 17025:2017 for laboratories performing testing based on ISO/IEC 19790 and ISO/IEC 24759.
Single copy price: $74.00
Order from: https://webstore.ansi.org

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

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

New Technical Report

INCITS/ISO/IEC TR 24029-1:2021 [2022], Artificial Intelligence (AI) - Assessment of the robustness of neural networks - Part 1: Overview, a Technical Report prepared by INCITS and registered with ANSI (technical report)
Provides background about existing methods to assess the robustness of neural networks.
Single copy price: $87.00
Order from: https://webstore.ansi.org

Technical Reports Registered with ANSI

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

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

New Technical Report

INCITS/ISO/IEC TR 22216:2022 [2022], Information security, cybersecurity and privacy protection - New concepts and changes in ISO/IEC 15408:2022 and ISO/IEC 18045:2022, a Technical Report prepared by INCITS and registered with ANSI (technical report)
Introduces the break-down between the former ISO/IEC 15408 series (ISO/IEC 15408-1:2009, ISO/IEC 15408 -2:2008) and ISO/IEC 15408-3:2008) and ISO/IEC 18045:2008 and the new parts introduced in the ISO/IEC 15408:2022 series and ISO/IEC 18045:2022; Presents the concepts newly introduced as well as the rationale for their inclusion; Proposes an evolution path and information on how to move from CC 3.1 and CEM 3.1 to the ISO/IEC 15408:2022 series and ISO/IEC 18045:2022, respectively; Maps the evolutions between the CC 3.1 and CEM 3.1 and the ISO/IEC 15408:2022 series and ISO/IEC 18045:2022, respectively.
Single copy price: $100.00
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ITI (INCITS) (InterNational Committee for Information Technology Standards)

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

New Technical Report

INCITS/ISO/IEC TR 24027:2021 [2022], Information technology - Artificial intelligence (AI) - Bias in AI systems and AI aided decision making, a Technical Report prepared by INCITS and registered with ANSI (technical report)
Addresses bias in relation to AI systems, especially with regards to AI-aided decision-making. Measurement techniques and methods for assessing bias are described, with the aim to address and treat bias-related vulnerabilities. All AI-system lifecycle phases are in scope, including but not limited to data collection, training, continual learning, design, testing, evaluation, and use.
Single copy price: $100.00
Order from: https://webstore.ansi.org

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

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

New Technical Report

INCITS/ISO/IEC TR 24372:2021 [2022], Information technology - Artificial intelligence (AI) - Overview of computational approaches for AI systems, a Technical Report - prepared by INCITS and registered with ANSI (technical report)
Provides an overview of the state of the art of computational approaches for AI systems, by describing: (a) main computational characteristics of AI systems; (b) main algorithms and approaches used in AI systems, referencing use cases contained in ISO/IEC TR 24030.
Single copy price: $87.00
Order from: https://webstore.ansi.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.

AAFS (American Academy of Forensic Sciences)

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

New Standard

ANSI/ASB Std 011-2022, Scope of Expertise in Forensic Document Examination (new standard) Final Action Date: 8/9/2022

AISI (American Iron and Steel Institute)

25 Massachusetts Avenue, NW, Suite 800, Washington, DC 20001 | jlarson@steel.org, www.steel.org

Supplement

ANSI/AISI S100-2016 (R2020)/S3-2022, Supplement 3 to the 2016 Edition of the North American Specification for the Design of Cold-Formed Steel Structural Members (supplement to ANSI/AISI S100-2016 (R2020) ANSI/AISI S100-16/S2-2020) Final Action Date: 8/10/2022

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 | cocob@api.org, www.api.org

National Adoption

ANSI/API Spec 5CRA/ISO 13680-2022, Corrosion-Resistant Alloy Seamless Products for Use as Casing, Tubing, Coupling Stock and Accessory Material (national adoption of ISO 13680:2020 with modifications and revision of ANSI/API Spec 5CRA/ISO 13680, 1st Edition-2009 (R2021)) Final Action Date: 8/9/2022

ASME (American Society of Mechanical Engineers)

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

New Standard

ANSI/ASME VVUQ 1-2022, Verification, Validation, and Uncertainty Quantification Terminology in Computational Modeling and Simulation (new standard) Final Action Date: 8/8/2022

Revision

ANSI/ASME B31.1-2022, Power Piping (revision of ANSI/ASME B31.1-2020) Final Action Date: 8/8/2022

AWWA (American Water Works Association)

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

Revision

ANSI/AWWA C116/A21.16-2022, Protective Fusion-Bonded Coatings for the Interior and Exterior of Ductile-Iron and Gray-Iron Fittings (revision of ANSI/AWWA C116/A21.16-2015) Final Action Date: 8/11/2022

BHCOE (Behavioral Health Center of Excellence)

8033 West Sunset Blvd, #1093, Los Angeles, CA 90046 | rose@bhcoe.org, www.bhcoe.org

New Standard

ANSI/BHCOE 201-2022, Standards of Excellence for Applied Behavior Analysis Services (new standard) Final Action Date: 8/10/2022

ESTA (Entertainment Services and Technology Association)

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

Reaffirmation

ANSI E1.32-2012 (R2022), Guide for the Inspection of Entertainment Industry Incandescent Lamp Luminaires (reaffirmation of ANSI E1.32-2012 (R2017)) Final Action Date: 8/11/2022

Reaffirmation

ANSI E1.58-2017 (R2022), Electrical Safety Standard for Portable Stage and Studio Equipment Used Outdoors (reaffirmation of ANSI E1.58-2017) Final Action Date: 8/11/2022

HI (Hydraulic Institute)

6 Campus Drive, Suite 104, Parsippany, NJ 07054-4406 | esuarez@pumps.org, www.pumps.org

Revision

ANSI/HI 11.6-2022, Rotodynamic Submersible Pumps for Mechanical and Electrical Acceptance Tests (revision of ANSI/HI 11.6-2017) Final Action Date: 8/10/2022

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

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

Revision

ANSI/ASSE 1099/WSC PST-2022, Pressurized Water Storage Tanks (revision of ANSI/ASSE 1099/WSC-PST-2021) Final Action Date: 8/10/2022

NSF (NSF International)

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

Revision

ANSI/NSF 40-2022 (i47r2), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020) Final Action Date: 8/5/2022

Revision

ANSI/NSF 49-2022 (i135r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2020) Final Action Date: 8/9/2022

Revision

ANSI/NSF 245-2022 (i29r2), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2020) Final Action Date: 8/5/2022

Revision

ANSI/NSF 350-2022 (i68r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020) Final Action Date: 8/5/2022

Revision

ANSI/NSF 350-2022 (i70r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020) Final Action Date: 8/11/2022

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062-2096 | Lisette.delgado@ul.org, https://ul.org/

Reaffirmation

ANSI/UL 1004-7-2017 (R2022), Standard for Electronically Protected Motors (reaffirmation of ANSI/UL 1004-7 -2017) Final Action Date: 8/10/2022

Reaffirmation

ANSI/UL 61010-2-201-2018 (R2022), Standard for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-201: Particular Requirements for Control Equipment (reaffirmation of ANSI/UL 61010-2-201-2018, ANSI/UL 61010-2-201-2018a) Final Action Date: 8/8/2022

Revision

ANSI/UL 746B-2022, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2021) Final Action Date: 8/9/2022

Revision

ANSI/UL 1709-2022, Standard for Safety for Rapid Rise Fire Tests of Protection Materials for Structural Steel (revision of ANSI/UL 1709-2017) Final Action Date: 8/8/2022

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.

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- Academia
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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.
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More information is available at www.scte.org or by e-mail from standards@scte.org.

Call for Members (ANS Consensus Bodies)

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

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

BSR/AHRI Standard 540-202x (SI/I-P), Performance Rating of Positive Displacement Refrigerant Compressors (revision of ANSI/AHRI Standard 540 (I-P and SI)-2016)

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

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

BSR/AHRI Standard 1200-202x (I-P), Performance Rating of Commercial Refrigerated Display Merchandisers and Storage Cabinets (revision of ANSI/AHRI Standard 1200 (I-P)-2013)

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

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

BSR/AHRI Standard 550/590-202x (I-P), Performance Rating of Water-chilling and Heat Pump Water-heating Packages Using the Vapor Compression Cycle (revision of ANSI/AHRI Standard 550/590 (I-P)-2012 with Addendum 1)

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

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

BSR/AHRI Standard 551/591-202x (SI), Performance Rating of Water-chilling and Heat Pump Water-heating Packages Using the Vapor Compression Cycle (revision of ANSI/AHRI Standard 551/591 (SI) with Addendum 1 -2012)

ARESCA (American Renewable Energy Standards and Certification Association)

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

BSR/ARESCA 61400-5-202x, Wind energy generation systems - Part 5: Wind turbine blades (identical national adoption of IEC 61400-5:2020)

ARESCA (American Renewable Energy Standards and Certification Association)

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

BSR/ARESCA 61400-8-202x, Wind energy generation systems - Part 8: Design of wind turbine structural components (identical national adoption of IEC 61400-8:2023)

ARESCA (American Renewable Energy Standards and Certification Association)

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

BSR/ARESCA 61400-28-202x, Wind energy generation systems - Part 28: Through life management and life extension of wind power assets (identical national adoption of IEC TS 61400-28:2023)

ARESCA (American Renewable Energy Standards and Certification Association)

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

BSR/ARESCA 61400-29-202x, Wind energy generation systems - Part 29: Marking and lighting of wind turbines (identical national adoption of IEC TS 61400-29:2023)

Call for Members (ANS Consensus Bodies)

ARESCA (American Renewable Energy Standards and Certification Association)

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

BSR/ARESCA 61400-30-202x, Wind energy generation systems - Part 30: Safety of Wind Turbine Generator Systems (WTGs) - General principles for design (identical national adoption of IEC TS 61400-30:2023)

ARESCA (American Renewable Energy Standards and Certification Association)

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

BSR/ARESCA 61400-31-202x, Wind energy generation systems - Part 31: Siting Risk Assessment (identical national adoption of IEC TS 61400-31:2023)

ARESCA (American Renewable Energy Standards and Certification Association)

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

BSR/ARESCA 61400-15-2-202x, Wind energy generation systems - Part 15-2: Framework for assessment and reporting of the wind resource and energy yield (identical national adoption of IEC 61400-15-2:2023)

ARESCA (American Renewable Energy Standards and Certification Association)

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

BSR/ARESCA 61400-26-4-202x, Wind energy generation systems - Part 26-4: Reliability for wind energy generating systems (identical national adoption of IEC TS 61400-26-4:2023)

ASME (American Society of Mechanical Engineers)

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

BSR/ASME B89.1.13-2013 (R202x), Micrometers (reaffirmation of ANSI/ASME B89.1.13-2013)

CTA (Consumer Technology Association)

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

BSR/CTA 2037-D-202x, Determination of Television Set Power Consumption (revision and redesignation of ANSI/CTA 2037-C-2021)
A second BSR-8 form is being submitted due to changes in the standard. CTA is seeking new members to join the consensus body. CTA and the R4 Video Systems Intelligent Mobility Committee are particularly interested in adding new members (called "users" who acquire video products from those who create them) as well as those with a general interest.

CTA (Consumer Technology Association)

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

BSR/CTA 2107-202x, The Use of Artificial Intelligence in Health Care: Managing, Characterizing, and Safeguarding Data (new standard)
A second BSR-8 is being submitted due to updates that were made to the standard. CTA is seeking new members to join the consensus body to participate in the effort to create CTA-2107. CTA and the R13 Artificial Intelligence Committee are particularly interested in adding new members (called "users" who acquire AI from those who create them) as well as those with a general interest.

Call for Members (ANS Consensus Bodies)

NSF (NSF International)

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

BSR/NSF 4-202x (i34r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2020)

NSF (NSF International)

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

BSR/NSF 42-202x (i120r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2021)

NSF (NSF International)

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

BSR/NSF 53-202x (i146r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2021)

NSF (NSF International)

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

BSR/NSF 55-202x (i63r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2021)

NSF (NSF International)

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

BSR/NSF 58-202x (i100r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2021)

NSF (NSF International)

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

BSR/NSF 62-202x (i44r1), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2021)

NSF (NSF International)

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

BSR/NSF 177-202x (i12r1), Shower Filtration Systems - Aesthetic Effects (revision of ANSI/NSF 177-2019)

NSF (NSF International)

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

BSR/NSF 244-202x (i18r1), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2021)

NSF (NSF International)

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

BSR/NSF 358-1-202x (i7r1), Polyethylene Pipe and Fittings for Water-Based Ground-Source Geothermal Heat Pump Systems (revision of ANSI/NSF 358-1-2021)

Call for Members (ANS Consensus Bodies)

NSF (NSF International)

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

BSR/NSF 358-1-202x (i8r1), Polyethylene Pipe and Fittings for Water-Based Ground-Source Geothermal Heat Pump Systems (revision of ANSI/NSF 358-1-2021)

NSF (NSF International)

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

BSR/NSF 455-2-202x (i31r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2 -2021)

NSF (NSF International)

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

BSR/NSF 455-3-202x (i30r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2021)

NSF (NSF International)

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

BSR/NSF 455-4-202x (i37r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455 -4-2021)

NSF (NSF International)

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

BSR/NSI 373-202x (i7r1), Sustainable Production of Natural Dimension Stone (revision of ANSI/NSI 373-2022)

TCIA (ASC A300) (Tree Care Industry Association)

136 Harvey Road, Suite 101, Londonderry, NH 03053 | rrouse@tcia.org, www.treecareindustry.org

BSR A300-202x, A300 Tree Care Standards (revision, redesignation and consolidation of ANSI A300 Part 1-2017, ANSI A300 Part 2-2018, ANSI A300 Part 3-2013, ANSI A300 Part 4-2014, ANSI A300 Part 5-2019, ANSI A300 Part 6-2012 (R2018), ANSI A300 Part 7-2018, ANSI A300 Part 8-2019, ANSI A300 Part 9-2017, ANSI A300 Part 10 -2016)

TIA (Telecommunications Industry Association)

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

BSR/TIA 526-14-D-202x, Optical Power Loss Measurement of Installed Multimode Fiber Cable Plant; IEC 61280-4-1 edition 3, Fiber-Optic Communications Subsystem Test Procedures-Part 4-1: Installed Cable Plant - Multimode Attenuation Measurement (national adoption of IEC 61280-4-1 edition 3 with modifications and revision of ANSI/TIA 526-14-C-2015)

TIA (Telecommunications Industry Association)

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

BSR/TIA 5048-2017 (R202x), Automated Infrastructure Management (AIM) Systems Requirements, Data Exchange and Applications (reaffirmation of ANSI/TIA 5048-2017)

Accreditation Announcements (Standards Developers)

Public Review of Revised ASD Operating Procedures

ASME - American Society of Mechanical Engineers

Comment Deadline: September 19, 2022

ASME - American Society of Mechanical Engineers, an ANSI Member and Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on ASME-sponsored American National Standards, under which it was last reaccredited in 2019. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Christian Sanna, American Society of Mechanical Engineers (ASME) | Two Park Avenue, New York, NY 10016-5990 | (212) 591-8513, sannac@asme.org

To view/download a copy of the revisions during the public review period, **click here**.

Please submit any public comments on the revised procedures to ASME by **September 19, 2022**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

A3 - Association for Advancing Automation

Meeting Time:

ANSI-Accredited Standards Committee: R15.06, Industrial Robot Safety

Meeting Format & Location: Hybrid; In-person in Columbus, OH; Remote via Teams

Meeting Sponsor/Host: A3, the Association for Advancing Automation

Purpose: Meeting of drafting committee for maintenance of standard R15.06 and development/maintenance of related U.S. Technical Reports (TRs)

Day/Date/Time for Hybrid Session:
Friday, September 30, 2022; 8:30 AM – 11:30 AM (Eastern Time) / 5:30 AM – 8:30 AM (PT)

For More Information: Contact Maren Roush, mroush@automate.org

American National Standards (ANS) Process

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

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

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

• ANSI Essential Requirements: Due process requirements for American National Standards (always current edition): www.ansi.org/essentialrequirements

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

• Accreditation information – for potential developers of American National Standards (ANS): www.ansi.org/sdoaccreditation

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

• Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS: www.ansi.org/asd

• American National Standards Key Steps: www.ansi.org/anskeysteps

• American National Standards Value: www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers: 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)
- ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

AAFS
American Academy of Forensic Sciences
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Colorado Springs, CO 80904
www.aafs.org

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AHRI
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Arlington, VA 22201
www.ahrinet.org

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Washington, DC 20001
www.steel.org

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Washington, DC 20001
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ARESCA
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ASHRAE
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AWWA
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BHCOE
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Los Angeles, CA 90046
www.bhcoe.org

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CTA
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Arlington, VA 22202
www.cta.tech

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ESTA
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Brooklyn, NY 11202
www.esta.org

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HI
Hydraulic Institute
6 Campus Drive, Suite 104
Parsippany, NJ 07054
www.pumps.org

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

Terry Burger
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ITI (INCITS)
InterNational Committee for Information Technology Standards
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www.incits.org

Deborah Spittle
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ITSDF
Industrial Truck Standards Development Foundation, Inc.
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NEMA (ASC C136)
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TCIA (ASC A300)
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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

Agricultural food products (TC 34)

ISO/FDIS 23318, Milk, dried milk products and cream - Determination of fat content - Gravimetric method - 7/1/2021, $93.00

Aircraft and space vehicles (TC 20)

ISO/DIS 17689, Space systems - Interface control documents between ground systems, ground support equipment and launch vehicle with payload - 6/13/2022, $67.00

ISO/DIS 23460, Space projects - Programme management - Dependability assurance requirements - 6/12/2022, $77.00

Applications of statistical methods (TC 69)

ISO/DIS 5725-3.2, Accuracy (trueness and precision) of measurement methods and results - Part 3: Intermediate precision and alternative designs for collaborative studies - 6/11/2022, $125.00

Cleaning equipment for air and other gases (TC 142)

IEC/DIS 63086-2-1 (ISO Draft), Household and similar electrical air cleaning appliances - Methods for measuring the performance - Part 2-1: Particular requirements for determination of reduction of particles - 6/13/2022, $88.00

Common names for pesticides and other agrochemicals (TC 81)

ISO/DIS 1750, Pesticides and other agrochemicals - Common names - 10/27/2022, $33.00

Furniture (TC 136)

ISO/FDIS 4769, Hardware for furniture - Strength and durability of hinges and their components - Hinges pivoting on a vertical axis - 10/15/2021, $71.00

Industrial automation systems and integration (TC 184)

ISO/DIS 19450, Automation systems and integration - Object-Process Methodology - 6/12/2022, $185.00

Iron ores (TC 102)

ISO/DIS 8371, Iron ores for blast furnace feedstocks - Determination of the decrepitation index - 6/12/2022, $40.00

Nuclear energy (TC 85)

ISO/FDIS 6980-1, Nuclear energy - Reference beta-particle radiation - Part 1: Methods of production - 12/5/2021, $82.00

ISO/FDIS 6980-2, Nuclear energy - Reference beta-particle radiation - Part 2: Calibration fundamentals related to basic quantities characterizing the radiation field - 12/5/2021, $112.00

ISO/FDIS 6980-3, Nuclear energy - Reference beta-particle radiation - Part 3: Calibration of area and personal dosemeters and the determination of their response as a function of beta radiation energy and angle of incidence - 12/5/2021, $77.00

Petroleum products and lubricants (TC 28)

ISO/DIS 17308, Petroleum products and other liquids - Ethanol - Determination of electrical conductivity - 6/13/2022, $58.00

Pigments, dyestuffs and extenders (TC 256)

ISO/DIS 3262-7, Extenders - Specifications and methods of test - Part 7: Dolomite - 10/28/2022, $33.00

ISO/DIS 3262-8, Extenders - Specifications and methods of test - Part 8: Natural clay - 10/28/2022, $46.00

ISO/DIS 3262-9, Extenders - Specifications and methods of test - Part 9: Calcined clay - 10/28/2022, $46.00

ISO/DIS 3262-13, Extenders - Specifications and methods of test - Part 13: Natural quartz (ground) - 10/28/2022, FREE

ISO/DIS 3262-14, Extenders - Specifications and methods of test - Part 14: Cristobalite - 10/28/2022, $40.00

ISO/DIS 3262-15, Extenders - Specifications and methods of test - Part 15: Vitreous silica - 10/28/2022, $33.00

ISO/DIS 3262-16, Extenders - Specifications and methods of test - Part 16: Aluminium hydroxides - 10/28/2022, $33.00

ISO/DIS 3262-18, Extenders - Specifications and methods of test - Part 18: Precipitated sodium aluminium silicate - 10/28/2022, $58.00

ISO/DIS 3262-21, Extenders - Specifications and methods of test - Part 21: Silica sand (unground natural quartz) - 10/28/2022, $33.00

Plastics (TC 61)

ISO/DIS 1663, Rigid cellular plastics - Determination of water vapour transmission properties - 6/16/2022, $67.00

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

ISO/DTS FDIS 24399, Thermoplastic pipes for the conveyance of fluids - Inspection of polyethylene butt fusion joints using time of flight diffraction testing -, $82.00

Pulleys and belts (including veebelts) (TC 41)

ISO/FDIS 7623, Steel cord conveyor belts - Cord-to-coating bond test - Initial test and after thermal treatment - 1/23/2022, $33.00

ISO/DIS 22721, Conveyor belts - Specification for rubber- or plastics-covered conveyor belts of textile construction for underground mining - 11/3/2022, $62.00

ISO/FDIS 23586, Conveyor belts - Indentation rolling resistance related to belt width - Requirements and testing - 5/7/2021, $53.00

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

ISO/FDIS 24525, Drinking water, wastewater and stormwater systems and services - Operation and maintenance of on-site domestic wastewater services - 7/9/2021, $134.00

Small tools (TC 29)

ISO/DIS 9182-1, Tools for pressing - Guide pillars - Part 1: Types - 6/13/2022, $33.00

ISO/DIS 9182-2, Tools for pressing - Guide pillars - Part 2: Type A, straight pillars - 6/12/2022, $40.00

ISO/DIS 9182-3, Tools for pressing - Guide pillars - Part 3: Type B, end-locking pillars - 6/12/2022, $40.00

ISO/DIS 9182-4, Tools for pressing - Guide pillars - Part 4: Type C, pillars with taper lead and bush - 6/16/2022, $40.00

ISO/DIS 9182-5, Tools for pressing - Guide pillars - Part 5: Type D, end-locking pillars with flange - 6/12/2022, $40.00

Soil quality (TC 190)

ISO/DIS 11267, Soil quality - Inhibition of reproduction of Collembola (Folsomia candida) by soil contaminants - 6/12/2022, $107.00

ISO/FDIS 23265, Soil quality - Test for estimating organic matter decomposition in contaminated soil - 10/18/2021, $71.00

(TC 321)

ISO/DIS 32110, Transaction assurance in E-commerce - Vocabulary - 6/12/2022, $53.00

Traditional Chinese medicine (TC 249)

ISO/FDIS 19609-3, Traditional Chinese medicine - Quality and safety of raw materials and finished products made with raw materials - Part 3: Testing for contaminants - 9/30/2021, $58.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 9075-1, Information technology - Database languages - SQL - Part 1: Framework (SQL/Framework) - 10/28/2022, $155.00

ISO/IEC DIS 9075-2, Information technology - Database languages - SQL - Part 2: Foundation (SQL/Foundation) - 10/28/2022, $398.00

ISO/IEC DIS 9075-3, Information technology - Database language SQL - Part 3: Call-Level Interface (SQL/CLI) - 10/28/2022, $258.00

ISO/IEC DIS 9075-4, Information technology - Database languages - SQL - Part 4: Persistent stored modules (SQL/PSM) - 10/28/2022, $185.00

ISO/IEC DIS 9075-9, Information technology - Database language SQL - Part 9: Management of External Data (SQL/MED) - 10/28/2022, $269.00

ISO/IEC DIS 19566-5, Information technologies - JPEG systems - Part 5: JPEG universal metadata box format (JUMBF) - 10/31/2022, $82.00

ISO/IEC FDIS 23090-7, Information technology - Coded representation of immersive media - Part 7: Immersive media metadata - 5/17/2021, $112.00

ISO/IEC DIS 9075-10, Information technology - Database language SQL - Part 10: Object language bindings (SQL/OLB) - 10/28/2022, $258.00

ISO/IEC DIS 9075-11, Information technology - Database languages - SQL - Part 11: Information and definition schemas (SQL/Schemata) - 10/28/2022, $230.00

ISO/IEC DIS 9075-13, Information technology - Database language SQL - Part 13: SQL Routines and types using the Java TM programming language (SQL/JRT) - 10/28/2022, $175.00

ISO/IEC DIS 9075-14, Information technology - Database languages - SQL - Part 14: XML-Related Specifications (SQL/XML) - 10/28/2022, $269.00

ISO/IEC DIS 9075-15, Information technology database language SQL - Part 15: Multidimensional arrays (SQL/MDA) - 10/28/2022, $185.00

ISO/IEC DIS 9075-16, Information technology - Database languages SQL - Part 16: Property Graph Queries (SQL/PGQ) - 10/28/2022, $215.00

IEC Standards

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

46/902/FDIS, IEC 62037-8 ED1: Passive RF and microwave devices, intermodulation level measurement - Part 8: Measurement of passive intermodulation generated by objects exposed to RF radiation, 09/23/2022

Capacitors and resistors for electronic equipment (TC 40)

40/2972/FDIS, IEC 60286-3 ED7: Packaging of components for automatic handling - Part 3: Packaging of surface mount components on continuous tapes, 09/23/2022

Electric cables (TC 20)

20/2031/CDV, IEC 60228 ED4: Conductors of insulated cables, 11/04/2022

Electric road vehicles and electric industrial trucks (TC 69)

69/851/CD, IEC 63110-2 ED1: Protocol for Management of Electric Vehicles charging and discharging infrastructures - Part 2: Technical protocol specifications and requirements, 10/07/2022

69/849A/CD, IEC 63380-1 ED1:Local Charging station management systems and Local Energy Management Systems network connectivity and information exchange - Part 1 General Requirements, Use Cases and abstract Messages, 10/28/2022

Electrical accessories (TC 23)

23E/1273/FDIS, IEC 60755-1 ED1: General safety requirements for residual current operated protective devices - Part 1: Residual current operated protective devices for DC systems, 09/23/2022

Electrical equipment in medical practice (TC 62)

62B/1295/CD, IEC 60601-2-37 ED3: Medical electrical equipment - Part 2-37: Particular requirements for the basic safety and essential performance of ultrasonic medical diagnostic and monitoring equipment, 10/07/2022

62D/1975/CD, IEC 80601-2-86 ED1: Medical electrical equipment - Part 2-86: Particular requirements for the basic safety and essential performance of electrocardiographs, including diagnostic equipment, monitoring equipment, ambulatory equipment, electrodes, cables and leadwires, 10/07/2022

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

18/1786/FDIS, IEC 60092-306 ED5: Electrical installations in ships - Part 306: Equipment - Luminaires and lighting accessories, 09/23/2022

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

48B/2976(F)/FDIS, IEC 60512-27-200 ED1: Connectors for electrical and electronic equipment - Tests and measurements - Part 27-200: Additional specifications for signal integrity tests up to 2 000 MHz on IEC 60603-7 series connectors - Tests 27a to 27g, 08/26/2022

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

111/670/CD, IEC 82474-1 ED1: Material declaration - Part 1: General requirements, 11/04/2022

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

112/579/CD, IEC 62836 ED1: Measurement of internal electric field in insulating materials - Pressure wave propagation method, 11/04/2022

Fibre optics (TC 86)

86B/4643(F)/FDIS, IEC 61300-3-35 ED3: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-35: Examinations and measurements - Visual inspection of fibre optic connectors and fibre-stub transceivers, 09/02/2022

86B/4630/CDV, IEC 61753-021-02 ED3: Fibre optic interconnecting devices and passive components - Performance standard - Part 021-02: Single-mode fibre optic connectors terminated as pigtails and patchcords for category C - Controlled environment, 11/04/2022

86B/4631/CDV, IEC 61753-021-06 ED2: Fibre optic interconnecting devices and passive components - Performance standard - Part 021-06: Single-mode fibre optic connectors terminated as pigtails and patchcords for category OP+ - Extended outdoor protected environment, 11/04/2022

86B/4633/CDV, IEC 61753-081-03 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 081-03: Non-connectorized single-mode fibre optic middle-scale 1 x N DWDM devices for category OP - Outdoor protected environment, 11/04/2022

86B/4632/CDV, IEC 61753-081-06 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 081-06: Non-connectorized single-mode fibre optic middle-scale 1 x N DWDM devices for category OP+ - Extended outdoor protected environment, 11/04/2022

86B/4642(F)/FDIS, IEC 61755-1 ED2: Fibre optic interconnecting devices and passive components - Connector optical interfaces for single-mode fibres - Part 1: Optical interfaces for dispersion unshifted fibres - General and guidance, 08/26/2022

86B/4640(F)/FDIS, IEC 61755-2-2 ED2: Fibre optic interconnecting devices and passive components - Connector optical interfaces for single-mode fibres - Part 2-2: Connection parameters of dispersion unshifted physically contacting fibres - Angled, 08/26/2022

Flat Panel Display Devices (TC 110)

110/1451/NP, PNW 110-1451 ED1: FLEXIBLE DISPLAY DEVICES - Part 6-42: Flattening force measurement methods, 10/07/2022

110/1452/NP, PNW 110-1452 ED1: Organic light emitting diode (OLED) displays - Part 6-7: Measuring methods of optical characteristics for under screen feature, 10/07/2022

Industrial-process measurement and control (TC 65)

65/941/NP, PNW TS 65-941 ED1: Framework for safety and security, 11/04/2022

Lamps and related equipment (TC 34)

34A/2291(F)/FDIS, IEC 63286 ED1: Flexible organic light emitting diode (OLED) panels for general lighting - Performance requirements, 08/26/2022

34A/2297/FDIS, IEC 63356-1 ED1: LED light source characteristics - Part 1: Data sheets, 09/23/2022

34A/2298/FDIS, IEC 63356-2 ED1: LED light source characteristics - Part 2: Design parameters and values, 09/23/2022

34/944/CD, IEC TS 63116/AMD1 ED1: Amendment 1 - Lighting systems - General requirements, 11/04/2022

Nuclear instrumentation (TC 45)

45A/1440/FDIS, IEC 60951-1 ED3: Nuclear facilities - Instrumentation systems important to safety - Radiation monitoring for accident and post-accident conditions - Part 1: General requirements, 09/23/2022

45A/1441/FDIS, IEC 60951-3 ED3: Nuclear facilities - Instrumentation systems important to safety - Radiation monitoring for accident and post-accident conditions - Part 3: Equipment for continuous high range area gamma monitoring, 09/23/2022

45A/1442/FDIS, IEC 62705 ED2: Nuclear facilities - Instrumentation and control important to safety - Radiation monitoring systems (RMS): Characteristics and lifecycle, 09/23/2022

45A/1439/CD, IEC 63374 ED1: Nuclear power plants - Instrumentation systems important to safety - Characteristic and test methods of nuclear reactor reactivity meter, 11/04/2022

Performance of household electrical appliances (TC 59)

59N/22/CDV, IEC 63086-2-1 ED1: Household and similar electrical air cleaning appliances - Methods for measuring the performance - Part 2-1: Particular requirements for determination of reduction of particles, 11/04/2022

Safety of hand-held motor-operated electric tools (TC 116)

116/622(F)/FDIS, IEC 62841-4-6 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-6: Particular requirements for garden blowers, garden vacuums and garden blower/vacuums, 08/26/2022

Secondary cells and batteries (TC 21)

21A/805/CD, IEC 63369-1 ED1: Methodology for the Carbon Footprint calculation applicable to Lithium-ion batteries, 10/07/2022

21A/807/NP, PNW 21A-807 ED1: Battery Energy Storage Systems for Frequency Regulation - Safety and Performance test methods, 10/07/2022

Semiconductor devices (TC 47)

47/2773/NP, PNW 47-2773 ED1: Semiconductor devices - Isolation for semiconductor devices - Part 1: Failure mechanisms and measurement methods to evaluate solid insulation for semiconductor devices, 11/04/2022

Standard voltages, current ratings and frequencies (TC 8)

8/1629/CD, IEC TS 63222-2 ED1: Power quality management - Part 2: Power Quality Monitoring System, 10/07/2022

Surface mounting technology (TC 91)

91/1800/CDV, IEC 61189-2-809 ED1: Test methods for electrical materials, printed board and other interconnection structures and assemblies - Part 2-809: X/Y Coefficient of Thermal Expansion Test (CTE) for Thick Base Materials by TMA, 11/04/2022

(TC)

SyCAAL/271/DTS, IEC SRD 63426 ED1: Reference standards portfolio (RSP) for Active Assisted Living (AAL) in Connected Home Environment (CHE), 11/04/2022

Ultrasonics (TC 87)

87/806/CD, IEC 61846 ED2: Ultrasonics - Therapeutic focused short pressure pulse sources - Characteristics of fields, 11/04/2022

Wind turbine generator systems (TC 88)

88/902/FDIS, IEC 61400-50-1 ED1: Wind energy generation systems - Part 50-1: Wind measurement - Application of meteorological mast, nacelle and spinner mounted instruments, 09/23/2022

88/901/CD, IEC TS 61400-26-4 ED1: Wind energy generation systems - Part 26-4: Reliability for wind energy generating systems, 11/04/2022

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

Building construction (TC 59)

ISO 19650-4:2022, Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 4: Information exchange, $73.00

Building environment design (TC 205)

ISO 24365:2022, Radiators and convectors - Methods and rating for determining the heat output, $225.00

Cosmetics (TC 217)

ISO 23821:2022, Cosmetics - Analytical methods - Determination of traces of mercury in cosmetics by atomic absorbtion spectrometry (AAS) cold vapour technology after pressure digestion, $111.00

Floor coverings (TC 219)

ISO 24335:2022, Laminate floor coverings - Determination of impact resistance, $111.00

Graphic technology (TC 130)

ISO 12640-3:2022, Graphic technology - Prepress digital data exchange - Part 3: CIELAB standard colour image data (CIELAB/SCID), $175.00

Graphical symbols (TC 145)

ISO 7010:2019/Amd 6:2022, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 6, $20.00

Industrial trucks (TC 110)

ISO 5057:2022, Industrial trucks - Inspection and repair of fork arms in service on fork-lift trucks, $48.00

ISO 13284:2022, Industrial trucks - Fork arm extensions and telescopic fork arms - Technical characteristics and strength requirements, $73.00

Laboratory glassware and related apparatus (TC 48)

ISO 23783-1:2022, Automated liquid handling systems - Part 1: Vocabulary and general requirements, $149.00

ISO 23783-2:2022, Automated liquid handling systems - Part 2: Measurement procedures for the determination of volumetric performance, $225.00

ISO 23783-3:2022, Automated liquid handling systems - Part 3: Determination, specification and reporting of volumetric performance, $149.00

Mechanical vibration and shock (TC 108)

ISO 14839-5:2022, Mechanical vibration - Vibration of rotating machinery equipped with active magnetic bearings - Part 5: Touch-down bearings, $200.00

Nuclear energy (TC 85)

ISO/ASTM 51940:2022, Guidance for dosimetry for sterile insects release programs, FREE

Paints and varnishes (TC 35)

ISO 8504-4:2022, Preparation of steel substrates before application of paints and related products - Surface preparation methods - Part 4: Acid pickling, $73.00

ISO 16474-2:2013/Amd 1:2022, Paints and varnishes - Methods of exposure to laboratory light sources - Part 2: Xenon-arc lamps - Amendment 1: Classification of daylight filters, $20.00

Paper, board and pulps (TC 6)

ISO 12625-4:2022, Tissue paper and tissue products - Part 4: Determination of tensile strength, stretch at maximum force and tensile energy absorption, $73.00

Personal safety - Protective clothing and equipment (TC 94)

ISO 6942:2022, Protective clothing - Protection against heat and fire - Method of test: Evaluation of materials and material assemblies when exposed to a source of radiant heat, $111.00

Plain bearings (TC 123)

ISO 3548-1:2022, Plain bearings - Thin-walled half bearings with or without flange - Part 1: Tolerances, design features and methods of test, $149.00

Railway applications (TC 269)

ISO 23019:2022, Railway applications - Driving simulator for drivers training, $175.00

Refrigeration (TC 86)

ISO 17584:2022, Refrigerant properties, $250.00

Road vehicles (TC 22)

ISO 21111-8:2022, Road vehicles - In-vehicle Ethernet - Part 8: Electrical 100-Mbit/s Ethernet transmission media, components and tests, $149.00

Rubber and rubber products (TC 45)

ISO 1827:2022, Rubber, vulcanized or thermoplastic - Determination of shear modulus and adhesion to rigid plates - Quadruple-shear methods, $73.00

ISO 4646:2022, Rubber- or plastics-coated fabrics - Low-temperature impact test, $73.00

ISO 7229:2022, Rubber- or plastics-coated fabrics - Measurement of gas permeability, $111.00

Ships and marine technology (TC 8)

ISO 23678-1:2022, Ships and marine technology - Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear - Part 1: General requirements for training providers, $149.00

ISO 23678-2:2022, Ships and marine technology - Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear - Part 2: Service personnel initial training, $149.00

ISO 23678-3:2022, Ships and marine technology - Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear - Part 3: Level 1 technical training, $200.00

ISO 23678-4:2022, Ships and marine technology - Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear - Part 4: Level 2 in-field competence, $225.00

Solar energy (TC 180)

ISO 9845-1:2022, Solar energy - Reference solar spectral irradiance at the ground at different receiving conditions - Part 1: Direct normal and hemispherical solar irradiance for air mass 1,5, $73.00

Solid mineral fuels (TC 27)

ISO 7936:2022, Coal - Determination and presentation of float and sink characteristics - General directions for apparatus and procedures, $225.00

ISO 23380:2022, Coal - Selection of methods for the determination of trace elements - Guidance and requirements, $73.00

Thermal insulation (TC 163)

ISO 12624:2022, Thermal insulating products for building equipment and industrial installations - Determination of trace quantities of water-soluble chloride, fluoride, silicate, sodium ions and pH, $111.00

ISO 12628:2022, Thermal insulating products for building equipment and industrial installations - Determination of dimensions, squareness and linearity of preformed pipe insulation, $73.00

ISO 29465:2022, Thermal insulating products for building applications - Determination of length and width, $48.00

ISO 29468:2022, Thermal insulating products for building applications - Determination of flatness, $48.00

ISO 29770:2022, Thermal insulating products for building applications - Determination of thickness for floating-floor insulating products, $48.00

ISO Technical Specifications

Graphic technology (TC 130)

ISO/TS 21328:2022, Graphic technology - Guidelines and recommendations for multicolour (CMYKOGV) print characterization, $111.00

Solid mineral fuels (TC 27)

ISO/TS 4667:2022, Coal - Determination of the thermal stability and thermal fragmentation, $73.00

IEC Standards

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

IEC 61196-1-124 Ed. 1.0 b:2022, Coaxial communication cables - Part 1-124: Electrical test methods - Test for coupling loss of radiating cable, $51.00

Electric traction equipment (TC 9)

IEC 62590-3-1 Ed. 1.0 b:2022, Railway applications - Fixed installations - Electronic power converters - Part 3-1: AC traction applications - Electronic power compensators, $310.00

Fibre optics (TC 86)

IEC 62077 Ed. 4.0 b:2022, Fibre optic interconnecting devices and passive components - Fibre optic circulators - Generic specification, $133.00

IEC 61753-089-02 Ed. 1.0 b:2022, Fibre optic interconnecting devices and passive components - Performance standard - Part 089-02: Non-connectorised single-mode bidirectional OTDR monitoring WWDM for category C - Indoor controlled environment, $89.00

S+ IEC 62077 Ed. 4.0 en:2022 (Redline version), Fibre optic interconnecting devices and passive components - Fibre optic circulators - Generic specification, $173.00

Fuel Cell Technologies (TC 105)

IEC 62282-4-101 Ed. 2.0 b:2022, Fuel cell technologies - Part 4 -101: Fuel cell power systems for electrically powered industrial trucks - Safety, $354.00

IEC 62282-4-600 Ed. 1.0 b:2022, Fuel cell technologies - Part 4 -600: Fuel cell power systems for propulsion other than road vehicles and auxiliary power units (APU) - Fuel cell/battery hybrid systems performance test methods for excavators, $310.00

S+ IEC 62282-4-101 Ed. 2.0 en:2022 (Redline version), Fuel cell technologies - Part 4-101: Fuel cell power systems for electrically powered industrial trucks - Safety, $460.00

Performance of household electrical appliances (TC 59)

IEC 61855 Ed. 2.0 b:2022, Household and similar use electrical hair care appliances - Methods for measuring the performance, $221.00

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 322 – Sustainable finance

Comment Deadline: September 16, 2022

ANSI has been informed that Accredited Standards Committee X9, Inc. Financial Industry Standards (ASC X9), the ANSI-accredited U.S. TAG Administrator for ISO/TC 322 – *Sustainable finance*, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 322 operates under the following scope:

Standardization in the field of sustainable finance to integrate sustainability considerations including environmental, social and governance practices in the financing of economic activities.

Note : the TC for sustainable finance will have close cooperation with TC 68 in the field of financial services, TC 207 in the field of environmental management, TC 251 in the field of asset management and TC 309 in the field of governance of organizations.

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).

Meeting Notices (International)

ANSI Accredited U.S TAG to ISO

New INCITS Technical Committee on Brain-Computer Interfaces (BCI) – US TAG to JTC 1/SC 43 – Brain-Computer Interfaces

Organizational Meeting – August 29, 2022

Meeting Notice and Call for Members for the New INCITS Technical Committee on Brain-Computer Interfaces (BCI) – US TAG to JTC 1/SC 43 – Brain-Computer Interfaces

Organizational Meeting – August 29, 2022. The organizational meeting of INCITS/Brain-Computer Interfaces (BCI) will be held electronically via Zoom on August 29, 2022 (1:00 PM to 4:00 PM (Eastern) / 10:00 AM to 1:00 PM (Pacific)). The agenda, related documents and instructions for joining the Zoom meeting will be distributed by July 15 to organizational representatives that have requested membership on the new committee. RSVPs for the meeting should be submitted to Rachel Porter (rporter@itic.org) as soon as possible.

Background on Establishment of INCITS/Brain-Computer Interfaces – At the January 2022 INCITS Executive Board meeting, a new Technical Committee (TC), INCITS/Brain-Computer Interfaces (BCI), was established contingent upon approval of the establishment of JTC 1 Subcommittee 43 – Brain-Computer Interfaces. The TC will serve as the US TAG to JTC 1 Subcommittee 43 – Brain-Computer Interfaces:

Scope: Standardization in the area of Brain-computer Interfaces (BCI) for information technology to enable communication and interaction between brain and computers that are applicable across application areas.
· Serve as the focus and proponent for JTC 1's standardization programme on BCI, including the development of foundational standards.
· Provide guidance on Brain-computer Interfaces to JTC 1, IEC, ISO and other entities developing applications of BCI.

Excluded: standards for human implants and medical applications.

The committee will operate under the USNC-accredited procedures for the InterNational Committee for Information Technology Standards (INCITS) (see INCITS Organization, Policies and Procedures - Annex A, Policies and Procedures for USNC Technical Advisory Groups (TAGs) to ISO/IEC JTC 1. Additional information can also be found at http://www.INCITS.org, http://www.incits.org/participation/membership-info
and
http://www.incits.org/participation/apply-for-membership.

The complete meeting notice and membership information can be found at
https://standards.incits.org/apps/group_public/document.php?document_id=143629&wg_abbrev=eb.

Meeting Notices (International)

ANSI Accredited U.S TAG to ISO

TC 299, Robotics

Meeting Time: 3rd Wednesday of each month, unless otherwise specified

ANSI-Accredited Standards Committee: U.S. TAG to ISO TC 299, Robotics

Meeting Series: U.S. TAG to ISO TC 299, Robotics, Official Monthly Meeting Sessions through June 2023

Meeting Format & Location: Remote via Teams

Virtual Meeting Frequency: Monthly, 3rd Wednesday of the month, unless otherwise specified (below)

Meeting Sponsor/Host: A3, the Association for Advancing Automation

Purpose: Prepare for U.S. participation in upcoming meetings and ballots for ISO TC 299 and its Working Groups

Day/Date/Time for Virtual Sessions:
Wednesday, September 21, 2022; 2:30 PM – 4:00 PM (Eastern Time) / 11:30 AM – 1:00 PM (PT)
Wednesday, October 19, 2022; 2:30 PM – 4:00 PM (Eastern Time) / 11:30 AM – 1:00 PM (PT)
Wednesday, November 16; 2:30 PM – 4:00 PM (Eastern Time) / 11:30 AM – 1:00 PM (PT)
Wednesday, January 11, 2023; 11:00 AM – 12:30 PM (Eastern Time) / 8:00 AM – 9:30 AM (PT)
Wednesday, February 15, 2023; 11:00 AM – 12:30 PM (Eastern Time) / 8:00 AM – 9:30 AM (PT)
Wednesday, March 15, 2023; 11:00 AM – 12:30 PM (Eastern Time) / 8:00 AM – 9:30 AM (PT)
Wednesday, April 19, 2023; 11:00 AM – 12:30 PM (Eastern Time) / 8:00 AM – 9:30 AM (PT)
Wednesday, May 17, 2023; 11:00 AM – 12:30 PM (Eastern Time) / 8:00 AM – 9:30 AM (PT)
Wednesday, June 21, 2023; 11:00 AM – 12:30 PM (Eastern Time) / 8:00 AM – 9:30 AM (PT)

For More Information: Contact Maren Roush, mroush@automate.org

Please direct inquiries to Carole Franklin, Association for Advancing Automation (A3): 900 Victors Way - Suite 140, Ann Arbor, MI 48108, P: (734) 929-3269 E: cfranklin@automate.org

Registration of Organization Names in the United States

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

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

BSR/ASHRAE Addendum ac
to ANSI/ASHRAE Standard 34-2019

Public Review Draft

Proposed Addendum ac to Standard 34-2019, Designation and Safety Classification of Refrigerants

Second Public Review (August 2022)
(Draft shows Proposed Independent Substantive Changes to Previous Public Review Draft)

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

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

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

180 Technology Parkway NW, Peachtree Corners, GA 30092

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

FOREWORD

This proposed addendum provides clarification on the pressure range for flammability testing by revising Sections B1.1 and B1.9.

Note: This second public review draft makes proposed independent substantive changes to the first public review draft. These changes are indicated in the text by double underlining (for additions) and ~~double strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the previous public review draft are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.

Addendum ac to Standard 34-2019

Modify Normative Appendix B as follows. The remainder of Normative Appendix B remains unchanged.

(This appendix is a normative appendix and is part of this standard.)

NORMATIVE APPENDIX B—DETAILS OF TESTING—FLAMMABILITY

B1. FLAMMABILITY TESTING

[…]

B1.1 Test Conditions

a. For single-compound refrigerants, flammability tests shall be conducted at 140°F (60°C) and ambient pressure~~s~~ between 14.1 psia (97.3 kPa) and 15.1 psia (104.0 kPa). Testing shall be conducted up to and including the point at which flame propagation is demonstrated. …

[…]

b. For refrigerant blends, flammability tests shall be conducted on the WCF at 140°F (60°C) and ambient pressure~~s~~ between 14.1 psia (97.3 kPa) and 15.1 psia (104.0 kPa) and also shall be conducted on the WCFF at 140°F (60°C) and ambient pressure~~s~~ between 14.1 psia (97.3 kPa) and 15.1 psia (104.0 kPa). The WCFF shall be determined by the method specified in Section B2. …

[…]

c. For those refrigerants that show flame propagation in accordance with step (a) or (b), flammability testing shall also be conducted at 73.4°F (23.0°C) and ambient pressure~~s~~ between 14.1 psia (97.3 kPa) and 15.1 psia (104.0 kPa) to determine the LFL. The LFL normally is expressed as refrigerant percentage by volume percent; multiply this by 0.00041 × relative molar mass (g·mol) to obtain kg/m^3, or by 0.000026 × relative molar mass (g·mol) to obtain lb/ft^3. …

[…]

B1.9 Flammability Test Data Required. …

[…]

~~d. test pressure: ±0.1 psi (0.7 kPa);~~

d. test pressure: 14.1 psia (97.3 kPa) to 15.1 psia (104.0 kPa);

Tracking Number 4i34r1
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Revision to NSF/ANSI 4 – 2020
Issue 34, Draft 1 (August 2022)

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

NSF/ANSI Standard
for Food Equipment –

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

•

5 Design and construction

•

5.25 Enclosed spaces

Enclosed spaces shall be sealed or shall have removable access panels. Removable panels shall be provided where condensation is likely to occur within an enclosed space.

Functional openings provided in the cavity of an oven shall be exempt. Examples include:

– openings provided for a microwave oven to facilitate the movement of air or energy;
– steam outlets for steam ovens;
– openings for air movement inside convection ovens.

***Rationale**: some oven cavities may include openings considered necessary for proper function.*

[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 Plastics —

Polyethylene Pipe and Fittings for Water-Based Ground-Source "Geothermal" Heat Pump Systems

-
-
-

4.4 Hydrostatic design

The maximum hydrostatic design ~~basis~~ stress (~~HDB~~ HDS) of polyethylene material shall be determined in accordance with PPI Technical Report Number 3 (TR-3)[Error! Bookmark not defined.] for the temperature and ~~HDB~~ HDS values in Table 4.1.

Table 4.1
~~Minimum~~ Maximum hydrostatic design stress per PPI ~~TR-4~~ TR-3 at 73°F (23 °C)

Plastic material	HDS ~~at 73 °F (23 °C)~~	~~HDS at 140 °F (60 °C)~~
PE3608	800	~~400~~
PE3710	1000	~~630~~
PE4608	800	~~400~~
PE4710	1000	~~630~~

The minimum hydrostatic values (HDB) of polyethylene material shall be determined in accordance with PPI Technical Report Number 3 (TR-3)[7] for the temperature and HDB values listed in Table 4.2.

Table 4.2
Minimum hydrostatic values per PPI TR-3 at 140 °F (60°C)

Plastic material	HDB
PE3608	800
PE3710	1000
PE4608	800
PE4710	1000

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Tracking number 358-1i8r1
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Revision to NSF/ANSI 358-1-2021
Issue 8, Revision 1 (August 2022)

[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 Plastics —

Polyethylene Pipe and Fittings for Water-Based Ground-Source "Geothermal" Heat Pump Systems

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2 Normative references

~~The following documents contain provisions that, through reference, constitute provisions of this NSF standard. At the time this standard was balloted, the editions listed below were valid. All documents are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the documents indicated below. The most recent published edition of the document shall be used for undated references.~~

The following documents contain requirements that, by reference in this text, constitute requirements of this standard. At the time of publication, the indicated editions were valid. All of the documents are subject to revision and parties are encouraged to investigate the possibility of applying the recent editions of the documents indicated below. The most recent published edition of the document shall be used for undated references.

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6 Marking requirements

6.1 Pipe marking and factory-fused assembly marking

Marking shall be applied so that it can only be physically removed by removing part of the pipe wall. Pipe shall be marked in a contrasting color with the following information:

- nominal size;
- material designation;
- third-party certification mark (if applicable);
- end use of "geo" or "geothermal";
- this standard designation, ~~e.g.~~ i.e., NSF/ANSI 358-1;
- pressure rating at rated temperature; and
- applicable marking per Section 5.1 referenced standards.

[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 GMP for Health Sciences –

Good Manufacturing Practices for Dietary Supplements

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5 Audit process

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5.8 Post audit activities

5.8.1 Certification

After review of the audit report, corrective action report and applicable supporting documentation, including a monitoring audit report (if applicable), a certification decision is made by the CB. Where a certificate is awarded, the CB shall issue the certificate within 10 business days from the certification decision.

The certificate details the scope of the audit and any limitations or exclusions from scope.

The certificate shall be valid for ~~12 months from the date of certification~~ seventy-five (75) days beyond the 12 month anniversary of the last certification audit day, unless the subsequent certification audit results in a grade of D. In that case, the certification shall not be granted and any previous certification shall be withdrawn.

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5.8.3 Scheduling for next audit

The ongoing audit schedule and timing shall be agreed between the CB and the site. The frequency is ~~typically 12 months~~ dependent on the site performance and the audit grade (see Table 5.3).

Table 5.3 – Audit frequency

Grade	Monitoring audit frequency	Certification audit frequency
A, with zero nonconformances	n/a	12 months (± 30 days) from prior certification audit
A, with minor nonconformances	n/a unless there are repeat minors nonconformances that the CB deems needs a monitoring audit~~.~~ in which case frequency is determine by the CB.	12 months (± 30 days) from prior certification audit
B	n/a unless there are repeat minors nonconformances that the CB	12 months (± 30 days) from prior certification audit

Table 5.3 – Audit frequency

Grade	Monitoring audit frequency	Certification audit frequency
	deems needs a monitoring audit~~.~~ in which case frequency is determine by the CB.	
C	Determined by the CB	12 months (± 30 days) from prior certification audit~~, or for a company receiving an initial certification, this can vary depending on the date the company received certification, but shall not exceed 18 months from the original certification audit.~~

~~For sites achieving certification, the certification audit frequency is typically 12 months~~. The expected date of the subsequent certification audit is calculated 30 calendar days on either side of the anniversary of ~~from~~ the last day ~~date~~ of the certification audit, ~~irrespective of whether further site visits were made to verify corrective action, and not from the certificate issue date.~~

~~The certification audit is the initial audit and then the recurring 12 month audit for a facility scoring a grade A or B. The recurring 12 month audit verifies the approved corrective action from the CB with objective evidence to verify the completeness and effectiveness of the corrective action(s).~~

A monitoring audit is ~~a~~ required follow-up ~~audit~~ for a facility scoring a grade C and is optional for companies who have repeat minor nonconformance(s). ~~A certification decision is made based on the objective evidence, or a determination is made as to whether the facility needs to be reaudited for compliance.~~ For companies who achieve initial certification following the monitoring audit, the next full audit cycle shall be 12 months from date of the initial certification audit. ~~For companies who receive initial certification nine or more months after the initial certification, the audit cycle may be extended to 18 months after the initial certification audit.~~

A new certification audit is required when a facility scores a grade of D. This shall be a full certification assessment. For sites with critical nonconformances, an audit shall be scheduled after closeout of the corrective actions, and the facility has demonstrated objective evidence to verify the completeness and effectiveness of the corrective action(s).

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NSF/ANSI Standard
for GMP for Health Sciences –

Good Manufacturing Practices for Cosmetics

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5 Audit process

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5.8 Post audit activities

5.8.1 Certification

After review of the audit report, corrective action report and applicable supporting documentation, including a monitoring audit report (if applicable), a certification decision is made by the CB. Where a certificate is awarded, the CB shall issue the certificate within 10 business days from the certification decision.

The certificate details the scope of the audit and any limitations or exclusions from scope.

The certificate shall be valid for ~~12 months from the date of certification~~ seventy-five (75) days beyond the 12 month anniversary of the last certification audit day, unless the subsequent certification audit results in a grade of D. In that case, the certification shall not be granted and any previous certification shall be withdrawn.

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5.8.3 Scheduling for next audit

The ongoing audit schedule and timing shall be agreed between the CB and the site. The frequency is ~~typically 12 months~~ dependent on the site performance and the audit grade (see Table 5.3).

Table 5.3 – Audit frequency

Grade	Monitoring audit frequency	Certification audit frequency
A, with zero nonconformances	n/a	12 months (± 30 days) from prior certification audit

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A, with minor nonconformances	n/a unless there are repeat minors nonconformances that the CB deems needs a monitoring audit~~.~~ in which case frequency is determine by the CB.	12 months (± 30 days) from prior certification audit
B	n/a unless there are repeat minors nonconformances that the CB deems needs a monitoring audit~~.~~ in which case frequency is determine by the CB.	12 months (± 30 days) from prior certification audit
C	Determined by the CB	12 months (± 30 days) from prior certification audit~~, or for a company receiving an initial certification, this can vary depending on the date the company received certification, but shall not exceed 18 months from the original certification audit.~~

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~~The certification audit is the initial audit and then the recurring 12 month audit for a facility scoring a grade A or B. The recurring 12 month audit verifies the approved corrective action from the CB with objective evidence to verify the completeness and effectiveness of the corrective action(s).~~

A monitoring audit is required follow-up for a facility scoring a grade C and is optional for companies who have repeat minor nonconformance(s). ~~A certification decision is based on the objective evidence, or a determination is made as to whether the facility shall be re-audited for compliance.~~ For companies who achieve initial certification following the monitoring audit, the next full audit cycle shall be 12 months from date of the initial certification audit. ~~For companies who receive initial certification nine or more months after the initial certification, the audit cycle may be extended to 18 months after the initial certification audit.~~

A new certification audit is required when a facility scores a grade of D. This shall be a full certification assessment. For sites with critical nonconformances, an audit may be scheduled after close-out of the corrective actions, and the facility has demonstrated objective evidence to verify the completeness and effectiveness of the corrective action(s).

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NSF/ANSI Standard
for GMP for Health Sciences –

Good Manufacturing Practices for Over-the-Counter Drugs

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5 Audit process

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5.8 Post audit activities

5.8.1 Certification

After review of the audit report, corrective action report and applicable supporting documentation, including a monitoring audit report (if applicable), a certification decision is made by the CB. Where a certificate is awarded, the CB shall issue the certificate within 10 business days from the certification decision.

The certificate details the scope of the audit and any limitations or exclusions from scope.

The certificate shall be valid for ~~12 months from the date of certification~~ seventy-five (75) days beyond the 12 month anniversary of the last certification audit day, unless the subsequent certification audit results in a grade of D. In that case, the certification shall not be granted and any previous certification shall be withdrawn.

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The ongoing audit schedule and timing shall be agreed between the CB and the site. The frequency is ~~typically 12 months~~ dependent on the site performance and the audit grade (see Table 5.3).

Table 5.3 – Audit frequency

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Table 5.3 – Audit frequency

Grade	Monitoring audit frequency	Certification audit frequency
B	n/a unless there are repeat minors nonconformances that the CB deems needs a monitoring audit~~.~~ in which case frequency is determine by the CB.	12 months (± 30 days) from prior certification audit
C	Determined by the CB	12 months (± 30 days) from prior certification audit~~, or for a company receiving an initial certification, this can vary depending on the date the company received certification, but shall not exceed 18 months from the original certification audit.~~

~~For sites achieving certification, the certification audit frequency is typically 12 months~~. The expected date of the subsequent certification audit is calculated 30 calendar days on either side of the anniversary of ~~from~~ the last day ~~date~~ of the certification audit, ~~irrespective of whether further site visits were made to verify corrective action, and not from the certificate issue date.~~

~~The certification audit is the initial audit and then the recurring 12 month audit for a facility scoring a grade A or B. The recurring 12 month audit verifies the approved corrective action from the CB with objective evidence to verify the completeness and effectiveness of the corrective action(s).~~

A monitoring audit is ~~a~~ required follow-up ~~audit~~ for a facility scoring a grade C and is optional for companies who have repeat minor nonconformance(s). ~~A certification decision is made based on the objective evidence, or a determination is made as to whether the facility needs to be reaudited for compliance.~~ For companies who achieve initial certification following the monitoring audit, the next full audit cycle shall be 12 months from date of the initial certification audit. ~~For companies who receive initial certification nine or more months after the initial certification, the audit cycle may be extended to 18 months after the initial certification audit.~~

A new certification audit is required when a facility scores a grade of D. This shall be a full certification assessment. For sites with critical nonconformances, an audit shall be scheduled after close out of the corrective actions, and the facility has demonstrated objective evidence to verify the completeness and effectiveness of the corrective action(s).

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BSR/UL 61010-1, Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use; Part 1: General Requirements

1. CSA C22.2 No. UL 61010-1 U3 – Scope Clarification.

PROPOSAL

1.1.5ADV DR Addition of the following new sub-clause:

1.1.5ADV.1 Gas, Vapor and Voltage Detectors or Sensors
Equipment intended to measure, sense or detect one or more electrical or physical quantities that identify a potential hazard and used for signalling, may use this standard only when no alternative standard exists.

Note 1 – This standard is considered not to apply to gas detectors and similar equipment within the scope of ANSI/UL 2034, ANSI/UL 2075, C22.2 No. 205 or ULC-S588.

Note 2 – Examples of standards providing additional safety requirements for gas or vapor detector or sensor, which can be used in conjunction with this standard, are ANSI/UL 60079-29-1, ANSI/UL 920001, ANSI/UL 920004, CSA C22.2 No. 60079-29-1 or CSA C22.2 No. 62990-1.

Note 3 – Clause 1.2.1 specifies the use of clause 17 to assess conformity for hazards or environments not fully covered in clauses 6 to 16, including aspects not covered by this document in clause 1.2.2.

Note 4 – Local and national codes may have additional requirements based on the end products' intended use.

Note 5 – This standard is considered not to apply to voltage detectors and similar equipment within the scope of ANSI/UL 1436, ANSI/UL / ULC 61243 series or CSA C22.2 No 160.

2. Addition of reference to UL 62368-1 and CAN/CSA C22.2 No. 62368-1 as an alternative to UL/CSA 60950-1 and UL/CSA 60065.

PROPOSAL

1.1.2 Equipment excluded from scope

1.1.2DV Modification of 1.1.2 to add the following as new items k and l):

This standard does not apply to equipment within the scope of:

a) IEC 60065 (Audio, video and similar electronic apparatus);

b) IEC 60204 (Safety of machinery - Electrical equipment of machines);

c) IEC 60335 (Household and similar electrical appliances);

d) IEC 60364 (Electrical installations of buildings);

e) IEC 60439 (Low-voltage switchgear and controlgear assemblies);

f) IEC 60601 (Medical electrical equipment);

g) IEC 60950 (Information technology equipment including electrical business equipment, except as specified in 1.1.3);

h) IEC 61558 (Power transformers, power supply units and similar);

i) IEC 61010-031 (Hand-held probe assemblies);

j) IEC 61243-3 (Live working - Voltage detectors - Part 3: Two-pole low-voltage type).

k) IEC 62368-1 (Audio/Video, Information and Communication Technology Equipment – Part 1: Safety Requirements).

l) UL/ULC 1389 Plant Oil Extraction Equipment and Systems.

1.1.3 Computing equipment

1.1.3DV DR Modification of 1.1.3 to replace with the following:

This standard applies only to computers, processors, etc. which form part of equipment within the scope of this standard or are designed for use exclusively with the equipment.

NOTE Computing devices and similar equipment within the scope of IEC 60950 or IEC 62368-1 and conforming to its requirements are considered to be suitable for use with equipment within the scope of this standard. However, some of the requirements of IEC 60950 or IEC 62368-1 for resistance to moisture and liquids are less stringent than those in this standard (see 5.4.4 second paragraph)).

2DV DC Addition of the following:

IEC 62368-1, Audio/Video, Information and Communication Technology Equipment – Part 1: Safety Requirements.

ANSI/UL 62368-1, Audio/Video, Information and Communication Technology Equipment – Part 1: Safety Requirements.

CAN/CSA C22.2 No. 62368-1, Audio/Video, Information and Communication Technology Equipment – Part 1: Safety Requirements.

5.4.4 Equipment operation

5.4.4DV.1 DR Modification of 5.4.4, second paragraph to replace with the following:

If equipment conforming to IEC 60950 or IEC 62368-1 is used with equipment conforming to this standard, and if there is a HAZARD due to moisture or liquids, the instructions for use shall specify any additional precautions necessary.

13.2.3 Implosion of cathode ray tubes

13.2.3DV.1 DR Modification of 13.2.3, fourth paragraph by replacing the conformity statement with the following:

Conformity for cathode-ray tubes is checked as specified in IEC 60065 or IEC 62368-1.

14.1 General

14.1DV.1 DR Modification of 14.1, NOTE 1 to replace with the following:

NOTE 1 For example if components meet the safety requirements of IEC 60950-1 or IEC 62368-1 but are RATED for a less severe environment than the applicable environment of 1.4, they also need to meet relevant additional requirements of this standard.

14.11DV D2 Modification of subclause with the following:

14.11DV.1 Direct plug-in transformer units

Direct plug-in transformer units are subject to additional requirements found in ANSI/UL 1310, CAN/CSA C22.2 No. 223, ANSI/UL 60950-1, ANSI/UL 62368-1, CAN/CSA C22.2 No. 60950-1, or CAN/CSA C22.2 No. 62368-1, as applicable.

Annex DVA
(informative)
CSA, UL, and IEC component standards

DVA DR Modification of annex DVA, Power supplies (ITE) component with the following:

Component	UL Standard	CSA Standard (C22.2)	IEC Standard
Power supplies (ITE)	60950-1 or 62368-1	No. 60950-1 or No. 62368-1	60950-1 or 62368-1

Bibliography

BIBDV DR Addition of the following to the Bibliography

IEC 62368-1, *Audio/Video, Information and Communication Technology Equipment – Part 1: Safety Requirements*

BSR/UL 495, Standard for Safety for Power-Operated LP-Gas Dispensing Equipment

1. Proposed harmonized US and Canadian Standard for Power-Operated LP-Gas Dispensing Equipment, UL 495

PROPOSAL

3 Definitions

~~3.4 ELECTRICAL CIRCUITS~~

~~a) High-voltage circuit –~~

~~1) In the United States: a circuit involving a potential of not more than 1000 V and having circuit characteristics in excess of those of a low-voltage or Class 2 circuit;~~

~~2) In Canada:~~

~~i) For ac circuits, any voltage exceeding 1000 V ac; or~~

~~ii) For dc circuits, any voltage exceeding 1060 V dc;~~

~~b) Low-voltage circuit –~~

~~1) In the United States: a circuit involving a potential of not more than 30 V alternating current (rms) (42.4 Vpeak or direct current) and:~~

~~i) Supplied by a Class 2 transformer, or by a battery, by a battery and fixed impedance, or by a transformer and fixed impedance, each of which, as a unit, is in compliance with what is required for a Class 2 transformer; or~~

~~ii) Limited to a maximum of 100 VA. A circuit derived from a high-voltage circuit, by connecting resistance in series with the supply circuit as a means of limiting the voltage and current, is not considered to be a low-voltage circuit;~~

~~2) In Canada:~~

~~i) For ac circuits, any voltage exceeding 30 V ac but not exceeding 1000 V ac; or~~

~~ii) For dc circuits, any voltage exceeding 42.4 V dc but not exceeding 1060 V dc;~~

~~c) Extra-low voltage~~

~~1) In United States: (SAFETY EXTRA-LOW VOLTAGE) Voltage not exceeding 42V between conductors and between conductors and the earth, the no load voltage not exceeding 50V (IEC 60335-1)~~

~~2) In Canada:~~

~~i) for ac circuits, any voltage not exceeding 30 V ac; or~~

~~ii) for dc circuits, any voltage not exceeding 42.4 V dc.~~

~~d) Intrinsically safe circuit –~~

~~1) In the United States: a circuit incapable of releasing sufficient electrical energy under normal or abnormal conditions to cause ignition of a specific hazardous atmospheric~~

~~mixture. Abnormal conditions include unintentional damage to any part of the equipment or wiring, insulation, or other malfunction of electrical components, application of overvoltage, adjustment and maintenance operations, and other similar conditions;~~

~~2) In Canada: a circuit in which any spark or thermal effect that may occur in normal use, or under any conditions of fault likely to occur in practice, is incapable of causing an ignition of the prescribed flammable gas, vapour, or dust.~~

~~3.5 ELECTRICAL PANEL – a mounting arrangement or assembly for control and other components which may or may not be a dedicated enclosure.~~

MECHANICAL EQUIPMENT

General

4.7 Fluid-handling piping systems and equipment shall have a maximum allowable working pressure (MAWP) of not less than 2.4 MPa (350 psig).

7 Housing

7.5 Stainless steel not less than 0.635 mm (0.025 inch) thick, unreinforced aluminum not less than 1.29 mm (0.051 inches) thick, and reinforced aluminum not less than 0.66 mm (0.036 inches) thick are judged to be the equivalent of carbon steel having the thickness specified in 7.4.

Note: The dimensions shown in 7.5 are noted as readily available industry standard dimensions.

9 Strainers and Filters

9.1 A dispensing device ~~shall~~ may be ~~provided~~ installed with at least one strainer or filter located upstream from the meter.

11 Vapor ~~Separators~~ Eliminator

11.1 A vapor ~~separator~~ eliminator shall comply with the requirements in 11.2 and 11.3 and in the High-Pressure Leakage Test, Section 24, and the Hydrostatic Strength Test, Section 25.

11.2 A vapor ~~separator~~ eliminator shall be arranged for connection of piping to return vapors to the LP-Gas supply tank. The vapor shall be returned from the ~~separator~~ eliminator to the supply tank through an orifice not larger than 1.397 mm (No. 54 drill size), an orifice larger than 1.397 mm (No. 54 drill size) that is protected by an excess flow check valve, or a float-controlled orifice.

33 Impact Test

33.2 The room temperature impact test shall be performed at ~~20 ±2 °C (68 ±4 °F)~~ 23 ±2 °C (72 ±3.6 °F).

BSR/UL 355, Standard for Safety for Cord Reels

PROPOSAL(S)

47.2 Conditioning

47.2.1 ~~Indoor Use~~ General

47.2.1.1 For each type of conditioning specified, three tags applied to the cord in the intended manner are to be used. For tags applied by an adhesive, tests are to be conducted no sooner than 24 hours after application of the tag.

47.2.2 Indoor Use

47.2.2.1 For a tag that is intended to be applied to indoor cord, samples are to be conditioned as follows and as described in 47.2.2.2 – 47.2.2.4.

~~47.2.1.2~~ 47.2.2.2 Three tags are to be tested as received.

~~47.2.1.3~~ 47.2.2.3 Three tags are to be tested after 30 min of conditioning at 23.0 ±2.0°C (73.4 ±3.6°F) and 50 ±5 percent relative humidity, following 240 h of conditioning in an air-circulating oven at 60 ±1°C (140 ±1.8°F).

~~47.2.1.4~~ 47.2.2.4 Three tags are to be tested within 1 min after being exposed for 72 h to a relative humidity of 85 ±5 percent at a temperature of 32.0 ±2.0°C (89.6 ±3.6°F).

~~47.2.2~~ 47.2.3 Outdoor Use

~~47.2.2.1~~ 47.2.3.1 For a tag that is intended to be applied to outdoor cord, samples are to be conditioned ~~as follows and~~ as described in 47.2.3.2 – 47.2.3.6. ~~47.2.3.2 – 47.2.3.4 Three tags are to be tested after 24 h of exposure conditioning at 23 ±2°C (73.4 ±3.6°F) and 50 ±5 percent relative humidity, followed by 48 h of immersion to a depth of not less than 1/8 in (3.2 mm) in demineralized water at a temperature of 23 ±2°C (73.4 ±3.6°F).~~

47.2.3.2 Three tags are to be tested as received.

47.2.3.3 Three tags are to be tested after 24 h of exposure conditioning at 23 ±2°C (73.4 ±3.6°F) and 50 ±5 percent relative humidity, followed by 48 h of immersion to a depth of not less than 1/8 in (3.2 mm) in demineralized water at a temperature of 23 ±2°C (73.4 ±3.6°F). Testing in accordance with 47.3.1 shall be performed within 1 minute of the conditioning.

~~47.2.2.2~~ 47.2.3.4 Three tags are to be tested after 24 h of exposure conditioning at 23.0 ±2.0°C (73.4 ±3.6°F) and 50 ±5 percent relative humidity, followed by 10 d of exposure in an air-circulating oven at a temperature of 60 ±1°C (140 ±1.8°F). Testing in accordance with 47.3.1 shall be performed 30 minutes after the conditioning.

~~47.2.2.3~~ 47.2.3.5 Three tags are to be tested after 24 h of exposure conditioning at 23.0 ±2.0°C (73.4 ±3.6°F) and 50 ±5 percent relative humidity, followed by 7 h of exposure in ~~an air-circulating oven~~ a cold box at a temperature of minus 10.0 ±2°C (14.0 ±4°F). Testing in accordance with 47.3.1 shall be performed within 1 minute of the conditioning.

~~47.2.2.4~~ 47.2.3.6 Three tags are to be tested after 24 h of exposure conditioning at 23.0 ±2.0°C (73.4 ±3.6°F) and 50 ±5 percent relative humidity, followed by exposure to ultraviolet light and water spray with ultraviolet light using either of the following apparatus:

a) A Twin-Enclosed Carbon-Arc Weatherometer, (Type D or DH), as described in the Standard Practice for Operating Open Flame Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials, ASTM G152 or Standard Practice for Operating Enclosed Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials, ASTM G153. The tags are to be exposed to 720 h of ultraviolet light and water spray with ultraviolet light. The operating cycle is to be 20 min; 17 min of ultraviolet light only, and 3 min of water spray and ultraviolet light.

b) A Xenon-Arc Weatherometer, (Type B or similar apparatus), as described in the Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials, ASTM G155. The tags are to be exposed to 1000 h of ultraviolet light and water spray with ultraviolet light. The exposure shall be in accordance with Method A, with continuous exposure to ultraviolet light and intermittent water spray with ultraviolet light, using a programmed cycle of 120 min (102 min ultraviolet light exposures and an 18-min exposure to water spray with ultraviolet light). The apparatus shall include a 6500 W, water-cooled xenon- arc lamp, borosillicate glass inner and outer optical filters, a spectral irradiance of 0.35 W/m2 at 340 mm and a black panel temperature of 63.0 ±3.0°C (145.0 ±5.4°F).

Testing in accordance with 47.3.1 shall be performed after 24 hours of exposure at 25 ±5°C (77 ±9°F).

~~47.2.3~~ 47.2.4 Oil resistant cord

~~47.2.3.1~~ 47.2.4.1 For a tag that is intended to be applied to an oil resistant indoor or outdoor cord ~~that is oil resistant (Type O or OO)~~ (e.g. with "O" or "OO" suffix), samples are to be conditioned as ~~follows.~~ Described in 47.2.4.2. ~~Three tags are to be tested within two min after being immersed for 48 h in oil type IRM 902 at a temperature of 23.0 ±2.0°C (73.4 ±3.6°F).~~

47.2.4.2 Three tags are to be tested after 48 h of immersion in oil type IRM 902 at a temperature of 23.0 ±2.0°C (73.4 ±3.6°F). Testing in accordance with 47.3.1 shall be performed within 2 min of the conditioning.

52.7 A label required to be affixed to the enclosure of a cord reel shall comply with the Standard for Marking and Labeling Systems, ANSI/UL 969, and rated for the intended environmental conditions, such as indoor use or outdoor use or exposure to oil.

52.8 A label or tag required to be affixed to the flexible cord of a cord reel shall comply with one of the following:

a) Permanence of Cord Tag Test, Section 47;

b) The Standard for Marking and Labeling Systems – Flag Labels, Flag Tags, Wrap-Around Labels and Related Products, UL 969A, and be suitable for the intended cord type, be rated for limited slippage, and the intended environmental conditions, such as indoor-dry use or outdoor use or exposure to oil; or

c) The Standard for Cord Sets and Power-Supply Cords, UL 817, Test for Permanence of Warning Tag, and rated for the intended environmental conditions, such as indoor use or outdoor use or exposure to oil.

53.10 A general-use cord reel that employs a flexible cord with a 15- or 20-A, 125-V attachment plug configuration, shall be provided with a tag as shown in Figure 53.1. The tag shall comply with 52.8 ~~Permanence of Cord Tag Test, Section 47,~~ and be permanently affixed to the cord. The leading edge of the tag shall be located not more than 18 in (457 mm) from the point where the cord enters the body of the attachment plug.

~~Exception No. 1: A cord reel that is not provided with a flexible cord and is rated 15- or 20- A, 125 V, shall be provided with a label on the cord reel body legibly marked with the applicable information~~

~~shown in Figure 53.1. The marking and label shall comply with the Standard for Marking and Labeling Systems, UL 969.~~

~~Exception No. 2: A flag-type tag rated for the conditions of use and complying with the is not required to be tested in accordance with Permanence of Cord Tag Test, Section 47.~~

53.10A A cord reel that is not provided with a flexible cord and is rated 15 A or 20 A, 125 V, shall be provided with a label on the cord reel body legibly marked with the applicable information shown in Figure 53.1. The label shall comply with 52.7.

54.3 A commercial/industrial use cord reel provided with a convenience receptacle shall have the electrical rating (current and voltage) permanently and legibly marked adjacent to the receptacle in accordance with 52.7. A commercial/industrial use cord reel provided with a portable hand lamp having a receptacle outlet, and a commercial/industrial use cord reel provided with a cord connector on the free end of the retractable cord, shall have the electrical rating permanently marked on a tear- resistant tag in accordance with 52.8 attached to the cord within 6 in (152 mm) of the handle or the cord connector as appropriate. The tag shall not retract into the cord reel. An electrical rating marked on a cord connector complies with this requirement.

BSR/UL 498, Standard for Safety for Attachment Plugs and Receptacles

1. Revision to expand requirements for Weather Resistant Receptacles; SD1.2A, SD9.2

PROPOSAL

SD1.2 These requirements are applicable to flush-type, non-locking configuration devices of the ANSI/NEMA 5-15R, 6-15R, 5-20R, 6-20R, 6-30R, TT-30R, 14-30R and 14-50R configurations ~~only~~.

SD1.2A These requirements are also applicable for other non-locking and locking configurations covered by this standard that are suitable for a flush type mounting in compliance with SD1.3.

SD9.2 The letters shall be a minimum of 4.8 mm (3/16 inch) in height and visible after installation.

Exception: Other receptacles covered under SD1.2A need not be marked where visible after installation and shall be identified on the product, the instructions or the smallest unit container.

BSR/UL 1441, Standard for Safety for Coated Electrical Sleeving

PROPOSAL(S)

5.7 Horizontal-specimen flame

5.7.1 A horizontal specimen of coated electrical sleeving shall not

(a) convey flame along its length; or
(b) convey flame to combustible materials in its vicinity

after a single 30 second application of a 225 W test flame (770 Btu/h) nominally 50 mm (2 in) high. ~~This test shall be conducted as described in a three-sided metal enclosure in an exhaust hood or cabinet, in accordance with Section 9.4 (FV-2/VW-1 test) in CSA C22.2 No. 2556/UL 2556 (except as modified in 5.7.2 to 5.7.8 in this Standard).~~

5.8.3 A 660 mm (26 in) length of ~~not heat shrinkable~~ coated electrical sleeving shall be drawn onto a wire 890 mm (35 in) in length. For coated electrical sleeving whose nominal inside diameter is at least 0.81 mm (0.032 in), a 0.74 mm (0.029 in) diameter fine spring-steel music wire shall be used. If the nominal inside diameter of the coated electrical sleeving is 0.44 to 0.81 mm (0.019 to 0.032 in), a 0.41 mm (0.016 in) diameter fine spring-steel music wire shall be used. If the nominal inside diameter of the coated electrical sleeving is less than 0.44 mm (0.019 in), a 0.25 mm (0.010 in) diameter fine spring steel music wire shall be used. The combination of the specimen and its supporting wire with its longitudinal axis vertical in the center of the enclosure shall be secured at one end to the middle of the upper support by kinking the coated electrical sleeving and clamping (using a paper clip or clamp) to provide a closed end to the specimen, thus preventing any chimney effects during the test. The lower end of the wire protruding from the open end of the coated electrical sleeving shall be passed over the middle of the lower support and secured.