ANSI STANDARDS ACTION

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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.

AGMA (American Gear Manufacturers Association)

Phillip Olson <olson@agma.org> | 1001 N. Fairfax Street, Suite 500 | Alexandria, VA 22314 www.agma.org

National Adoption

BSR/AGMA ISO 10828, Worm gears – Worm profiles and gear mesh geometry (identical national adoption of ISO 10828:2024)

Stakeholders: Manufacturers, users, and generally interested parties in the standardization of worm gears.

Project Need: Adopt international standard because there is no current American National Standard on the topic.

Interest Categories: Manufacturers – Those companies that design, assemble, or produce bearings, gearing, gearboxes, or flexible couplings for use by themselves or others;
Users – Those companies that use bearings, gearing or flexible couplings in their products but do not design or produce bearings, gearing, or flexible couplings;
General interest parties – Others that are interested in standardization, such as academicians, independent consultants, and equipment suppliers to the industry.

This document describes the thread profiles of the five most common worm profile types and provides formulae of their axial profiles. The five worm profile types covered in this document are designated by the letters A, C, I, K, and N. This document provides the formulae to calculate the path of contact, the conjugate profile of the worm wheel, the lines of contact, the radius of curvature, and the velocities at points of contact. The application of those formulae to calculate parameters used in load capacity calculations are provided in 11.11.

ASTM (ASTM International)

Meredith Klein <accreditation@astm.org> | 100 Barr Harbor Drive, PO Box C700 | West Conshohocken, PA 19428-2959 www.astm.org

New Standard

BSR/ASTM WK96359-202x, New Guide for Polarized Light Microscopy in the Forensic Examination and Comparison of Soils (new standard)
Stakeholders: Trace Industry

Project Need: This standard aims to provide guidance for examination of soils as trace evidence by means of polarized light microscopy. This examination method is typically used within a larger examination scheme. Those who might perform this examination include scientists in forensic laboratories or geoscientists in research institutions asked to assist in a forensic case. This document provides a framework for interpreting PLM results for forensic interpretation.

Interest Categories: Producer, User, General Interest, Consumer, Unclassified

1.1 This guide covers the use of polarized light microscopy (PLM) for the identification and comparison of the mineralogical components of soils (to include unconsolidated geological materials) for forensic applications.
1.2 Soils are often complex mixtures of a variety of components. This guide is tailored to the microscopical examination and comparison of the geological components of soils in grain mounts.
1.3 This standard is intended for use by competent forensic science practitioners with the requisite formal education, discipline-specific training (refer to Practice E2917), and demonstrated proficiency to perform forensic casework.
1.4 The values stated in SI units are to be regarded as standard.
1.5 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety, health, and environmental practices and determine the applicability of regulatory limitations prior to use.
1.6 This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.

AWS (American Welding Society)

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

Revision

BSR/AWS B2.2/B2.2M-202x, Specification for Brazing Procedure and Performance Qualification (revision of ANSI/AWS B2.2/B2.2M-2025)
Stakeholders: Manufacturers, brazers, brazing operators

Project Need: There is a need in the brazing industry for a specification that outlines the requirements for the qualification of brazing procedure specifications, brazers, and brazing operators for manual, mechanized, and automatic brazing. It ensures a sound braze for various applications.

Interest Categories: Producers, Users, General Interest, and Educators

This specification provides the requirements for qualification of brazing procedure specifications, brazers, and brazing operators for manual, mechanized, and automatic brazing. The brazing processes included are torch brazing, furnace brazing, diffusion brazing, resistance brazing, dip brazing, infrared brazing, and induction brazing. Base metals, brazing filler metals, brazing fluxes, brazing atmospheres, and brazing joint clearances are also included.

AWS (American Welding Society)

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

Revision

BSR/AWS B2.3/B2.3M-202x, Specification for Soldering Procedure and Performance Qualification (revision of ANSI/AWS B2.3/B2.3M-2025)
Stakeholders: Manufacturers, solderers, and soldering operators

Project Need: There is a need in the soldering industry for a specification that outlines the requirements for the qualification of soldering procedure specifications, solderers, and soldering operators for manual, mechanized, and automatic soldering. It ensures for sound soldering of various applications.

Interest Categories: Producers, Users, General Interest, and Educators

This specification provides the requirements for qualification of soldering procedure specifications, solderers, and soldering operators for manual, mechanized, and automatic soldering. The soldering processes included are torch soldering, furnace soldering, induction soldering, resistance soldering, dip soldering, iron soldering, and infrared soldering. Base metals, soldering filler metals, soldering fluxes, soldering atmospheres, and soldering joint clearances are also included.

CSA (CSA America Standards Inc.)

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

New Standard

BSR/CSA HGV 6.1-202x, Compressed hydrogen fuel storage and delivery systems for vehicles (new standard)
Stakeholders: Hydrogen vehicle manufacturers, H2 infrastructure, regulators

Project Need: Safety

Interest Categories: Hydrogen vehicle manufacturers, H2 infrastructure, regulators

This Standard applies to the design, installation, inspection, repair, and maintenance of compressed hydrogen fuel storage and delivery systems used as a provision for motive power. This Standard specifically addresses: (a) on-road vehicles (highway vehicles); (b) off-road vehicles (mining and construction); and (c) powered industrial trucks (forklifts and TUGs). This Standard does not apply to (a) stationary applications; (b) mobile equipment using hydrogen as a fuel for other than propulsion; (c) electronic control module or controls strategy of a fuel management system; (d) storage or utilization of hydrogen on marine vessels or rail vehicles; (e) liquid hydrogen fuel storage systems.

CSA (CSA America Standards Inc.)

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

Addenda

BSR/CSA T100-202x, T100 Information and communication technology code for buildings (addenda to ANSI/CSA T100 -2025)
Stakeholders: Building equipment installers, building HVAC installers, building lighting installers, building communications installers, architects, building construction contractors, and manufacturers of equipment for smart building/intelligent building infrastructure.

Project Need: To amend the current standard to improve user experience and improve applicability in each building types.

Interest Categories: Producer interest; User interest; Government agency; General interest.

This Amendment provides a structured framework to support the practical application of T100 ICT Code for buildings across all building typologies. It offers a reference matrix that maps each clause of the code to varying levels of relevance and criticality based on building type. It is designed to enable users to interpret and apply the ICT Code with clarity, aligning implementation priorities with operational needs of different buildings.

SAAMI (Sporting Arms and Ammunition Manufacturers Institute)

Brian Osowiecki <bosowiecki@saami.org> | 6 Corporate Drive, Suite 650 | Shelton, CT 06484 www.saami.org

Revision

BSR/SAAMI Z299.6-202X, Voluntary Industry Performance Standards Criteria for Firearm Sound Suppressors for the Use of Commercial Manufacturers (revision of ANSI/SAAMI Z299.6-2025)
Stakeholders: Commercial Manufacturers, Test Laboratories, Consumers, Government Agencies

Project Need: Provide standards for commercial manufacturers of sound suppressors/moderators.

Interest Categories: Expert, General Interest, Government, Producer, Testing Laboratory, User

In the interests of interchangeability and safety, this Standard provides dimensional characteristics, evaluation procedures, and equipment for use in the design and evaluation of commercial firearm sound suppressors. The tests are structured to demonstrate to the designer of new suppressors that the product will resist abusive mishandling and stresses from expected use. Additionally, this standard provides evaluation procedures and equipment for the measurement of sound reduction.

TCNA (ASC A108) (Tile Council of North America)

Katelyn Simpson <ksimpson@tcnatile.com> | 100 Clemson Research Blvd. | Anderson, SC 29625 www.tcnatile.com

Revision

BSR A108.14-202x, Installation of Paper-Faced Glass Mosaic Tile (revision of ANSI A108.14-2021)
Stakeholders: Ceramic/glass tile installers, contractors, and builders (labor interest category), related material manufacturers (manufacturing interest category), distributors, retailers and consumers (user interest category), and affiliated industries (e.g., stone) and other general interest users of this standard (general interest category)

Project Need: Various stakeholders have suggested revisions be made to various sections of this standard.

Interest Categories: Hard Surface Producers, Installation Materials Manufacturers, Labor, User, General interest

This specification is a guideline for installing paper-faced glass mosaic tile (including glass tile thinner than 3/16 in. and sheets/murals incorporating tiles of varying thickness) using the wet-set method, with portland cement mortar.

TCNA (ASC A108) (Tile Council of North America)

Katelyn Simpson <ksimpson@tcnatile.com> | 100 Clemson Research Blvd. | Anderson, SC 29625 www.tcnatile.com

Revision

BSR A108.18-202x, Unmounted Glass Tile Installation (revision of ANSI A108.18-2021)
Stakeholders: Ceramic/glass tile installers, contractors, and builders (labor interest category), related material manufacturers (manufacturing interest category), distributors, retailers and consumers (user interest category), and affiliated industries (e.g., stone) and other general interest users of this standard (general interest category)

Project Need: Various stakeholders have suggested revisions be made to various sections of this standard.

Interest Categories: Hard Surface Producers, Installation Materials Manufacturers, Labor, User, General Interest

This specification describes the minimum requirements for the installation of unmounted glass tile over concrete, cured portland cement mortar beds, cementitious backer units (CBU), fiber-cement underlayment and gypsum board using the thin-bed method.

Call for Comment on Standards Proposals

American National Standards

This section solicits public comments on proposed draft new American National Standards, including the national adoption of ISO and IEC standards as American National Standards, and on proposals to revise, reaffirm or withdraw approval of existing American National Standards. A draft standard is listed in this section under the ANSI-accredited standards developer (ASD) that sponsors it and from whom a copy may be obtained. Comments in connection with a draft American National Standard must be submitted in writing to the ASD no later than the last day of the comment period specified herein. Such comments shall be specific to the section (s) of the standard under review and include sufficient detail so as to enable the reader to understand the commenter's position, concerns and suggested alternative language, if appropriate. Please note that the ANSI Executive Standards Council (ExSC) has determined that an ASD has the right to require that interested parties submit public review comments electronically, in accordance with the developer's procedures.

Ordering Instructions for "Call-for-Comment" Listings

1. Order from the organization indicated for the specific proposal.
2. Use the full identification in your order, including the BSR prefix; for example, Electric Fuses BSR/SAE J554.
3. Include remittance with all orders.
4. BSR proposals will not be available after the deadline of call for comment.

Comments should be addressed to the organization indicated, with a copy to the Board of Standards Review, American National Standards Institute, 25 West 43rd Street, New York, NY 10036. e-mail: psa@ansi.org
* Standard for consumer products

Comment Deadline: October 26, 2025

AWS (American Welding Society)

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

Revision

BSR/AWS C7.1M/C7.1-202x, Recommended Practices for Electron Beam Welding and Allied Processes (revision of ANSI/AWS C7.1M/C7.1-2013)
This document presents Recommended Practices for Electron Beam Welding and Allied Processes. It is intended to cover common applications of the process. Processes definitions, safe practices, general process requirements, and inspection criteria are provided.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Exsenet Esler; eesler@aws.org

ICC (ASC A117) (International Code Council)

4051 Flossmoor Road, Country Club Hills, IL 60478 | kaittaniemi@iccsafe.org, www.iccsafe.org

Revision

BSR ICC A117.1-202x, Standard for Accessible and Usable Buildings and Facilities (revision of ANSI/ICC A117.1 -2017)
Site design and architectural features affecting the accessibility and usability of buildings and facilities, consideration to be given to all types of physical and sensory disabilities, to publicly used buildings and facilities, and to residential structures.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: kpaarlberg@iccsafe.org

Comment Deadline: October 26, 2025

NSF (NSF International)

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

Revision

BSR/NSF 173-202x (i119r2), Dietary Supplements (revision of ANSI/NSF 173-2024a)
This standard contains requirements for dietary supplements that contain one or more of the following dietary ingredients: a vitamin; a mineral; an herb or other botanical; an amino acid; a dietary substance for use by humans to supplement the diet by increasing the total dietary intake; or a concentrate, metabolite, constituent, extract, or combinations of these ingredients.
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 455-3-202x (i48r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2024)
This standard is intended to define a standardized approach for auditing to determine the level of compliance of cosmetic products to ISO 22716, as well as incorporating additional retailer requirements.
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 | ajump@nsf.org, www.nsf.org

Revision

BSR/NSF/CAN 61-202x (i197r2), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2024)
This standard is intended to cover specific materials or products that come into contact with: drinking water, drinking water treatment chemicals, or both. The focus of the standard is evaluation of contaminants or impurities imparted indirectly to drinking water.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: ajump@nsf.org

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 217-202x, Standard for Smoke Alarms (revision of ANSI/UL 217-2024)
These requirements cover electrically operated single- and multiple-station smoke alarms intended for open area protection in indoor locations and portable smoke alarms used as “travel” alarms in accordance with: (a) In Canada: (1) Installation of Smoke Alarms, ULC 553; (2) National Building Code of Canada; and (3) National Fire Code of Canada. (b) In the United States: (1) National Fire Alarm and Signaling Code, NFPA 72; (2) Standard for Recreational Vehicles, NFPA 501C, for smoke alarms intended for use in recreational vehicles; (3) For smoke alarms intended for use in recreational boats: (i) Fire Protection Standard for Pleasure and Commercial Motor Craft, NFPA 302, (ii) AC and DC Electrical Systems on Boats, ABYC E-11, and (iii) The applicable regulations of the United States Coast Guard.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: csds.ul.org

Comment Deadline: October 26, 2025

ULSE (UL Standards and Engagement)

12 Laboratory Drive, RTP, NC 27709 | sean.mcalister@ul.org, https://ulse.org/

Revision

BSR/UL 588-202x, Standard for Safety for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588 -2024)
The following is being recirculated for your review: (1) Optional Lamp Replacement Instructions for LED series-connected Lighting Strings, (2) Series-Connected LED Lamps employing Dumet Wire, (4) Battery Circuit Clarification, (5) Clarification of the Requirements for Series-connected Lampholders, (6) Wiring Device - Non-Standardized Connector Clarification.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 1650-202X, Standard for Safety for Portable Power Cable (revision of ANSI/UL 1650-2019 (R2023))
Align Number of Conductors in Type G-GC with the NEC, Revised 5.2 and Table 8.1 and Change to the FT5 Flame Test Method, Revised 8.8.1.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)

1603 Orrington Avenue, Suite 2000, Evanston, IL 60201 | lauren.valentino@ul.org, https://ulse.org/

Revision

BSR/UL 1821-202x, Standard for Thermoplastic Sprinkler Pipe and Fittings for Fire Protection Service (revision of ANSI/UL 1821-2019)
Revisions to Standard Sections 9.7, 9.8, 12.1, 19.1, 20.2A, 21.2A, 23.4, 24.2A, 24.4, Figure 24.1, 25.2A, 26.2A, 31.7, Figure 31.1, Figure 31.2, 31.8, and 31.9, Tables 27.1 and 28.1.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Lauren Valentino, lauren.valentino@ul.org, https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Julio.Morales@UL.org, https://ulse.org/

Revision

BSR/UL 2416-202x, Standard for Safety for Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems (revision of ANSI/UL 2416-2020)
This proposal for UL 2416 covers an update to the 8/8/25 topic: 508C Withdrawal and Replacement with 61800 -5-1.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: October 26, 2025

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL/ULC 2152-202x, Special Purpose Nonmetallic Containers and Tanks for Specific Combustible or Noncombustible Liquids (revision of ANSI/UL 2152-2021)
Addition of an allowance for specific fuel ratings. In 38.3a and 38.4a, the rating may indicate compatibility with multiple liquids or a specific liquid; adjust wording to allow for either.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: November 10, 2025

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 232-202x, Best Practice Recommendation for the Development of Criteria for Acceptance of a Request for Friction Ridge Examinations (new standard)
This document provides recommendations for the development of criteria for the acceptance of a request for friction ridge examinations to include latent print processing, friction ridge comparisons, and automated database searching. This document does not address administrative decisions after a request has been accepted.
Single copy price: Free
Obtain an electronic copy from: Document and comments template can be viewed on the AAFS Standards Board website at: https://url.us.m.mimecastprotect.com/s/o0t1C31v31iOOBpHqh3tQpmNE?domain=aafs.org
Send comments (copy psa@ansi.org) to: asb@aafs.org

AGMA (American Gear Manufacturers Association)

1001 N. Fairfax Street, Suite 500, Alexandria, VA 22314 | olson@agma.org, www.agma.org

Reaffirmation

BSR/AGMA 6000-C20, Specification for Measurement of Linear Vibration on Gear Units (reaffirmation of ANSI/AGMA 6000-C20)
This standard presents a method for the measurement of linear vibrations on a gear unit. Instrumentation, measuring methods, test procedures, and discrete frequency vibration limits are recommended for acceptance testing to confirm integrity. An annex which lists system effects on gear unit vibration and responsibility is also provided.
Single copy price: $270.00
Obtain an electronic copy from: tech@agma.org
Send comments (copy psa@ansi.org) to: Todd Praneis, tech@agma.org

Comment Deadline: November 10, 2025

AMCA (Air Movement and Control Association)

30 West University Drive, Arlington Heights, IL 60004-1893 | jbrooks@amca.org, www.amca.org

Revision

BSR/AMCA 610-202x, Laboratory Methods of Testing Airflow Measurement Stations for Performance Rating (revision of ANSI/AMCA Standard 610-2019)
This standard establishes uniform test methods for determining the performance characteristics and accuracy of airflow measurement stations under varied airflow rates and conditions. The purpose of this standard is not to specify testing procedures for design, production, or in-field measurement practices. This standard covers both field-installed and OEM-installed airflow measurement stations for heating, ventilating, and air-conditioning applications.
Single copy price: $90.00 (AMCA non-members); Free (AMCA members)
Obtain an electronic copy from: jbrooks@amca.org
Send comments (copy psa@ansi.org) to: Joseph Brooks <jbrooks@amca.org>

ASABE (American Society of Agricultural and Biological Engineers)

2590 Niles Road, Saint Joseph, MI 49085 | stell@asabe.org, https://www.asabe.org/

National Adoption

BSR/ASABE/ISO 5675-202x, Agricultural tractors and machinery - General purpose quick-action hydraulic couplers (identical national adoption of ISO 5675:2021 and revision of ANSI/ASABE AD5675-2016 (R2020))
Adopt the current revision of ISO 5675:2021 without deviations.
Single copy price: Free
Obtain an electronic copy from: stell@asabe.org
Send comments (copy psa@ansi.org) to: stell@asabe.org

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE AD4254-6-MAR2021 (R202x), Agricultural machinery - Safety - Part 6: Sprayers and liquid fertilizer distributors (reaffirm a national adoption ANSI/ASABE AD4254-6-2020)
This document, to be used together with ISO 4254-1, specifies the safety requirements and their verification for the design and construction of mounted, semi-mounted, trailed and self-propelled agricultural sprayers for use with plant protection products (PPP) and liquid fertilizer application, as placed on the market by the manufacturer and designed for a single operator only. In addition, it specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer.
Single copy price: Free
Obtain an electronic copy from: walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: November 10, 2025

ASABE (American Society of Agricultural and Biological Engineers)
2950 Niles Road, Saint Joseph, MI 49085 | walsh@asabe.org, https://www.asabe.org/

Reaffirmation

BSR/ASABE AD20966-2007 MAR2016 (R202x), Automatic milking installations - Requirements and testing (reaffirm a national adoption ANSI/ASABE AD20966-2007 MAR2016 (R2020))
This International Standard specifies requirements for the construction of automatic milking installations (AMI), including specific safety and hygiene aspects and minimum performance requirements and testing, in addition to those described in ANSI/ASABE AD5707:2007 and ANSI/ASABE AD6690:2007. It does not contain requirements for the design of the building in which the milking installation is installed.
Single copy price: Free
Obtain an electronic copy from: walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)
2950 Niles Road, Saint Joseph, MI 49085 | walsh@asabe.org, https://www.asabe.org/

Reaffirmation

BSR/ASABE AD3918-2007 JAN2011 (R202x), Milking machine installations - Vocabulary (reaffirm a national adoption ANSI/ASABE AD3918-2007 JAN2011 (R2020))
This International Standard defines terms to use in research work, official regulations, design, manufacture, installation, and use of milking machines for cows, water buffaloes, sheep, goats, or other mammals used for milk production.
Single copy price: Free
Obtain an electronic copy from: walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)
2950 Niles Road, Saint Joseph, MI 49085 | walsh@asabe.org, https://www.asabe.org/

Reaffirmation

BSR/ASABE AD5707-2007 MAR2016 (R202x), Milking machine installations - Construction and performance (reaffirm a national adoption ANSI/ASABE AD5707-2007 MAR2016 (R2020))
This International Standard specifies the minimum performance and information requirements and certain dimensional requirements for satisfactory functioning of milking machines for milking and cleaning. It also specifies minimum requirements for materials, design, manufacture, and installation.
Single copy price: Free
Obtain an electronic copy from: walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: November 10, 2025

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE AD6690-2007 JAN2011 (R202x), Milking machine installations - Mechanical tests (reaffirm a national adoption ANSI/ASABE AD6690-2007 JAN2011 (R2020))
This International Standard specifies mechanical tests for milking machine installations in order to verify compliance of an installation or component with the requirements of ANSI/ASABE AD5707:2007. It also stipulates the accuracy requirements for the measuring instruments.
Single copy price: Free
Obtain an electronic copy from: walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE EP585.1-MON2021 (R202x), Animal Mortality Composting (reaffirmation of ANSI/ASABE EP585.1-MON2021)
This Engineering Practice provides guidelines for biosecure, environmentally acceptable, and economically sustainable disposal of livestock and poultry carcasses and carcass parts via composting. This Engineering Practice covers planning, construction, operation, and maintenance of mortality composting operations using naturally ventilated, static pile bin or windrow systems of the type typically used for routine or emergency mortality management on farms or ranches. Guidelines for in-vessel or mechanically ventilated composting systems are not covered.
Single copy price: Free
Obtain an electronic copy from: ingeson@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE S588.1-NOV16 (R202x), Uniform Terminology for Air Quality (reaffirmation of ANSI/ASABE S588.1-NOV16 (R2020))
The purpose of this Standard is to establish uniformity in terms used within the field of outdoor rural air quality. This Standard is also to serve as a focal point for the development of new useful terms associated with air quality in rural areas.
Single copy price: Free
Obtain an electronic copy from: walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: November 10, 2025

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE S592.1-2016 (R202x), Best Management Practices for Boom Spraying (reaffirmation of ANSI/ASABE S592.1-2016 (R2020))
Purpose of this standard is to identify Best Management Practices (BMPs) to enhance responsible stewardship of pest control products associated with the spray application process, with emphasis on equipment selection, setup, and use for efficient application with minimal off-target spray drift and to comply with the pest control product label. The standard codifies basic BMPs for boom spraying in a step-by-step procedure for a wide audience ranging from those with little familiarity with sprayers to seasoned professionals and researchers. Specific steps apply to many boom spray applications, and the concepts presented will apply to most boom spray applications. Applicators must be well informed about the specific recommendations for a given pesticide, and must follow federal, state, and local government laws and regulations on pesticide application. Ordinances should be consulted to ensure compliance with codes that are more restrictive than those presented in this standard.
Single copy price: Free
Obtain an electronic copy from: walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE S596-2006 (R202x), Recycling Plastic Containers from Pesticides and Pesticide-Related Products (reaffirmation of ANSI/ASABE S596-2006 (R2020))
This Standard specifies management practices for effectiveness and safety in the handling, cleaning and recycling of used non-refillable, high-density polyethylene (HDPE) containers embossed with recycling symbol #2 up to 212 L (56 gal) that originally held pesticides and pesticide-related products (defined in paragraph 2.6) labeled for agriculture, forestry, professional specialty pesticide (defined in paragraph 2.8) use, and structural pest control. Containers that originally held antimicrobial products that are subject to a tolerance or that require an exemption from a tolerance are within the scope of this Standard. Containers that originally held other antimicrobial products, veterinary products, consumer products, or consumer home and garden products are outside the scope of this Standard.
Single copy price: Free
Obtain an electronic copy from: walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE S626-SEPT2016 (R202x), Landscape Irrigation System Uniformity and Application Rate Testing (reaffirmation of ANSI/ASABE S626-SEPT2016 (R2020))
This standard provides methods for evaluating the application rate and/or uniformity of coverage of installed landscape irrigation systems. The landscapes covered include continuous areas of turf or small ground cover, or other areas where irrigation coverage is unimpeded by the landscape materials.
Single copy price: Free
Obtain an electronic copy from: ingeson@asabe.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: November 10, 2025

ASABE (American Society of Agricultural and Biological Engineers)
2950 Niles Road, St. Joseph, MI 49085 | ingeson@asabe.org, https://www.asabe.org/

Reaffirmation

BSR/ASABE S598 JAN2010 (R202x), Procedure for Sampling, Measuring and Reporting Commingled Crop in Combine Harvest of a Subsequent Crop (reaffirmation of ANSI/ASABE S598 JAN2010 (R2019))
This standard establishes a method to estimate the percentage of commingled grain or seed from a previously harvested crop present in that of the next crop subsequently harvested by a combine harvester.
Single copy price: Free
Obtain an electronic copy from: ingeson@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)
2950 Niles Road, Saint Joseph, MI 49085 | walsh@asabe.org, https://www.asabe.org/

Reaffirmation

BSR/ASABE/ASHRAE EP653-OCT2021 (R202x), Heating, Ventilating, and Air Conditioning (HVAC) for Indoor Plant Environments without Sunlight (reaffirmation of ANSI/ASABE/ASHRAE EP653-OCT2021)
This Engineering Practice sets forth guidelines describing the plant shoot zone environment and the interactions with plants grown indoors without sunlight.
Single copy price: Free
Obtain an electronic copy from: walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)
2950 Niles Road, Saint Joseph, MI 49085 | walsh@asabe.org, https://www.asabe.org/

Reaffirmation

BSR/ASABE/NFBA S618 DEC2010 (R202x), Post Frame Building System Nomenclature (reaffirmation of ANSI/ASABE/NFBA S618 DEC2010 (R2020))
This Standard provides definitions and classifications associated with post-frame building systems.
Single copy price: Free
Obtain an electronic copy from: walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)
2950 Niles Road, St. Joseph, MI 49085 | ingeson@asabe.org, https://www.asabe.org/

Reaffirmation

BSR/ASAE EP403.4 FEB2011 (R202x), Design of Anaerobic Lagoons for Animal Waste Management (reaffirmation of ANSI/ASAE EP403.4 FEB2011 (R2020))
This Engineering Practice describes the minimum criteria for design and operation of anaerobic animal waste lagoons located in predominantly rural or agricultural areas.
Single copy price: Free
Obtain an electronic copy from: ingeson@asabe.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: November 10, 2025

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE S261.7-OCT96 (R202x), Design and Installation of Nonreinforced Concrete Irrigation Pipe Systems (reaffirmation of ANSI/ASAE S261.7-OCT96 (R2020))
This Standard is intended as a guide to engineers in the design and installation of low- or intermediate-pressure nonreinforced concrete irrigation pipelines and for the preparation of detailed specifications for a particular installation. It is restricted to pipelines with vents or stands open to the atmosphere or closed pipelines operating at less than 6 m (20 ft) of head. It is not intended to serve as a complete set of design criteria and construction specifications.
Single copy price: Free
Obtain an electronic copy from: ingeson@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE S376.3-2016 (R202x), Design, Installation and Performance of Underground, Thermoplastic Irrigation Pipelines (reaffirmation of ANSI/ASAE S376.3-2016 (R2020))
Thermoplastic pipe is manufactured in several size classifications from different materials of various grades, types, and formulations involving many different specifications. It is used for applications other than irrigation where certain requirements often apply to pipe used for a specific purpose. This Standard pertains to thermoplastic pipe used underground for irrigation.
Single copy price: Free
Obtain an electronic copy from: ingeson@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE S572.3-FEB2020 (R202x), Spray Nozzle Classification by Droplet Spectra (reaffirmation of ANSI/ASAE S572.3-FEB2020)
This Standard defines droplet spectrum categories for the classification of spray nozzles, relative to specified reference fan nozzles discharging spray into static air or so that no stream of air enhances atomization. The purpose of classification is to provide the nozzle user with droplet size information primarily to indicate offsite spray drift potential and secondarily for application efficacy.
Single copy price: Free
Obtain an electronic copy from: walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: November 10, 2025

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE S483.2 AUG2011 (R202x), Rotary Mower Blade Ductility Test (reaffirmation of ANSI/ASAE S483.2 AUG2011 (R2020))
The purpose of this Standard is to identify production blade lots, from which samples were subjected to destructive testing.
Single copy price: Free
Obtain an electronic copy from: ingeson@asabe.org
Send comments (copy psa@ansi.org) to: Same

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

180 Technology Pkwy, Peachtree Corners, GA 30092 | Kspencer@ashrae.org, www.ashrae.org

Reaffirmation

ANSI/ASHRAE/NEMA Standard 201-2016 (R202x), Facility Smart Grid Information Model (reaffirmation of ANSI/ASHRAE/NEMA Standard 201-2016 (R2020))
The purpose of this standard is to define an abstract, object-oriented information model to enable appliances and control systems in homes, buildings, and industrial facilities to manage electrical loads and generation sources in response to communication with a “smart” electrical grid and to communicate information about those electrical loads to utility and other electrical service providers.
Single copy price: Free
Obtain an electronic copy from: Free download at http://www.ashrae.org/standards-research--technology/public-review-drafts
Send comments (copy psa@ansi.org) to: Online comment database at http://www.ashrae.org/standards-research--technology/public-review-drafts

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

180 Technology Pkwy, Peachtree Corners, GA 30092 | Kspencer@ashrae.org, www.ashrae.org

Reaffirmation

BSR/ASHRAE Standard 33-2016 (R202x), Methods of Testing Forced-Circulation Air-Cooling and Air-Heating Coils (reaffirmation of ANSI/ASHRAE Standard 33-2016)
This standard prescribes laboratory methods of testing forced-circulation air-cooling coils, for application under non-frosting conditions and forced-circulation air-heating coils to ensure uniform performance information for establishing ratings.
Single copy price: Free
Obtain an electronic copy from: Free download available at http://www.ashrae.org/standards-research--technology/public-review-drafts
Send comments (copy psa@ansi.org) to: Online comment database at http://www.ashrae.org/standards-research--technology/public-review-drafts

Comment Deadline: November 10, 2025

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
180 Technology Pkwy, Peachtree Corners, GA 30092 | Kspencer@ashrae.org, www.ashrae.org

Reaffirmation

BSR/ASHRAE Standard 124-2007 (R202x), Methods of Testing for Rating Combination Space-Heating and Water-Heating Appliances (reaffirmation of ANSI/ASHRAE Standard 124-2007 (R2016))
The purpose of this standard is to establish a method of test to rate the performance of a combination space-heating and water-heating appliance.
Single copy price: Free
Obtain an electronic copy from: Free download at http://www.ashrae.org/standards-research--technology/public-review-drafts
Send comments (copy psa@ansi.org) to: Online comment database at http://www.ashrae.org/standards-research--technology/public-review-drafts

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
180 Technology Pkwy, Peachtree Corners, GA 30092 | Kspencer@ashrae.org, www.ashrae.org

Reaffirmation

BSR/ASHRAE Standard 164.2-2012 (R202x), Method of Test for Self-Contained Residential Humidifiers (reaffirmation of ANSI/ASHRAE Standard 164.2-2012 (R2016))
This standard establishes method of test for the humidification rate and power input of self-contained humidifiers for whole house applications.
Single copy price: Free
Obtain an electronic copy from: Free download at http://www.ashrae.org/standards-research--technology/public-review-drafts
Send comments (copy psa@ansi.org) to: Online comment database at http://www.ashrae.org/standards-research--technology/public-review-drafts

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
180 Technology Pkwy, Peachtree Corners, GA 30092 | Kspencer@ashrae.org, www.ashrae.org

Reaffirmation

BSR/ASHRAE Standard 173-2012 (R202x), Method of Test to Determine the Performance of Halocarbon Refrigerant Leak Detectors (reaffirmation of ANSI/ASHRAE Standard 173-2012 (R2016))
The purpose of this standard is to establish a method of test for qualifying the performance of portable leak detectors designed for the detection of CFC, HCFC, HFC, and PFC halogenated gases.
Single copy price: Free
Obtain an electronic copy from: Free download at http://www.ashrae.org/standards-research--technology/public-review-drafts
Send comments (copy psa@ansi.org) to: Online comment database at http://www.ashrae.org/standards-research--technology/public-review-drafts

Comment Deadline: November 10, 2025

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

180 Technology Pkwy, Peachtree Corners, GA 30092 | Kspencer@ashrae.org, www.ashrae.org

Reaffirmation

BSR/ASHRAE Standard 199-2016 (R202x), Method of Testing the Performance of Industrial Pulse Cleaned Dust Collectors (reaffirmation of ANSI/ASHRAE Standard 199-2016)
The purpose is to provide a quantitative laboratory test method for determining the performance of Industrial Pulse Cleaned Dust Collectors using a test dust.
Single copy price: Free
Obtain an electronic copy from: Free download at http://www.ashrae.org/standards-research--technology/public-review-drafts
Send comments (copy psa@ansi.org) to: Online comment database at http://www.ashrae.org/standards-research--technology/public-review-drafts

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

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

Revision

BSR/ASHRAE Standard 195-2024R-202x, Method of Test for Rating Air Terminal Unit Controls (revision of ANSI/ASHRAE Standard 195-2024)
This revision of ANSI/ASHRAE Standard 195-2024 specifies instrumentation and facilities, test installation methods, and procedures for determining the accuracy and stability of airflow control systems for terminal units at various airflow setpoints. The revision also includes several modifications based on a detailed research project conducted by Taylor Engineers and PG&E in 2023/2024. These modifications are intended to both reduce the testing burden and to more accurately determine controller-only accuracy and stability.
Single copy price: Free
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

CTA (Consumer Technology Association)

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

National Adoption

BSR/CTA 6011-202x, Audio, video, and related equipment - Determination of power consumption - Part 4: Video recording equipment (IEC 62087-4:2015) (identical national adoption of IEC 62087-4:2015)
IEC 62087-4:2015 specifies methods of measurement for the power consumption of video recording equipment with removable media. It specifies the different modes of operation which are relevant for measuring power consumption. This first edition of IEC 62087-4 cancels and replaces Clause 7 of IEC 62087:2011. This standard together with IEC 62087-1 to IEC 62087-3 and IEC 62087-5 to IEC 62087-6 cancels and replaces IEC 62087:2011. This International Standard constitutes a technical revision. This edition includes significant technical changes with respect to Clause 7 of IEC 62087:2011. The changes include fundamental and extensive revisions to cover video recorders such as DVD and BD types as well as recorders with removable solid state memory. Clause 7 has been revised in its entirety.
Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: November 10, 2025

CTA (Consumer Technology Association)

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

National Adoption

BSR/CTA 6013-202x, Audio, video, and related equipment - Determination of power consumption - Part 6: Audio equipment (IEC 62087-6:2015) (identical national adoption of IEC 62087-6:2015)
IEC 62087-6:2015 specifies the determination of the power consumption of audio equipment for consumer use. The various modes of operation which are relevant for measuring power consumption are defined. This first edition of IEC 62087-6 cancels and replaces Clause 9 of IEC 62087:2011. This standard together with IEC 62087-1 to IEC 62087-5 cancels and replaces IEC 62087:2011. This International Standard constitutes a technical revision. This edition includes the following significant technical changes with respect to Clause 9 of IEC 62087:2011. The definition of the input signal is changed. The output power measurement of amplifiers is changed. The measurement method for compact audio systems including loudspeakers is added. Methods for measuring On-decoding, idle and auto power down functions are added. Portions of the document related to general measuring conditions and procedures are now contained in IEC 62087-1:2015. Portions of the document related to signals and media are now in IEC 62087-2:2015. The titles have changed in order to comply with the current directives and to accommodate the new multipart structure of IEC 62087.
Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Send comments (copy psa@ansi.org) to: Same

CTA (Consumer Technology Association)

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

National Adoption

BSR/CTA 6015-202x, Sound system equipment - Part 24: Headphones and earphones - Active acoustic noise cancelling characteristics (IEC 60268-24:2023) (identical national adoption of IEC 60268-24:2023)
IEC 60268-24:2023 is applicable to active acoustic noise-cancelling headphones and earphones which have the function of reducing the noise heard by the user by the output sound from the transducer generated by the environment noise detection microphone and the noise reduction signal processing circuit. This document specifies the terms and definitions of this type of headphones or earphones, the characteristics to be specified, and the measurement and evaluation methods. The noise detection microphone or microphones are mounted in the body, on the surface, or on an accessory of the headphones or earphones. Signal processing circuits are analogue and digital electronic circuits. This document does not deal with equipment intended for hearing protection. The noise cancelling characteristic measurement methods can be applied to headphones and earphones having no active noise cancelling function.
Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: November 10, 2025

FM (FM Approvals)

One Technology Way, Norwood, MA 02062 | josephine.mahnken@fmapprovals.com, www.fmapprovals.com

New Standard

BSR/FM 4481-202x, Anchors for Roof Mounted Equipment (new standard)
This standard applies to all anchors intended to secure roof-mounted equipment to a substrate except roof-mounted anchors used to secure rigid photovoltaic module systems. The standard evaluates anchor systems for their performance in regard to simulated wind uplift, leakage and corrosion of metal parts. This standard is intended to evaluate only those hazards investigated and is not intended to determine suitability for the end use of a product.
Single copy price: Free
Obtain an electronic copy from: josephine.mahnken@fmapprovals.com
Send comments (copy psa@ansi.org) to: Same

IAPMO (3) (International Association of Plumbing & Mechanical Officials)

4755 East Philadelphia Street, Ontario, CA 91761 | hugo.aguilar@iapmo.org, www.iapmo.org

Revision

BSR/IAPMO USHGC 1-2027, Uniform Solar, Hydronics, & Geothermal Code: The Renewable Energy Code (revision of ANSI/IAPMO USHGC 1-2024)
The provisions of this code applies to the erection, installation, alteration, repair, relocation, replacement, addition to, use or maintenance of solar energy, hydronic and geothermal energy systems including but not limited to equipment and appliances intended for space heating or cooling; water heating; swimming pool heating or process heating; and snow and ice melt systems.
Single copy price: $10.00
Obtain an electronic copy from: Hugo.Aguilar@iapmo.org
Send comments (copy psa@ansi.org) to: Same

IAPMO (3) (International Association of Plumbing & Mechanical Officials)

4755 East Philadelphia Street, Ontario, CA 91761 | hugo.aguilar@iapmo.org, www.iapmo.org

Revision

BSR/IAPMO USPSHTC 1-2027, Uniform Swimming Pool, Spa & Hot Tub Code (revision of ANSI/IAPMO USPSHTC 1 -2024)
The provisions of this code shall apply to the erection, installation, alteration, repair, relocation, replacement, addition to, use or maintenance of swimming pools, spas, hot tub systems or aquatic venues.
Single copy price: $10.00
Obtain an electronic copy from: Hugo.Aguilar@iapmo.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: November 10, 2025

ICC (International Code Council)

4051 Flossmoor Road, Country Club Hills, IL 60478 | kaittaniemi@iccsafe.org, www.iccsafe.org

New Standard

BSR/ICC 1500-202x, Standard for Existing Building Safety Inspection (new standard)
ICC is developing a new standard to provide the framework for the regular inspection of structural elements, egress components, active and passive fire protection systems, the building envelope (including the roof), electrical, plumbing, mechanical and fuel gas equipment and systems in order to assess whether an unsafe condition exists.
Single copy price: Free
Obtain an electronic copy from: https://www.iccsafe.org/committees/is-ebsi/
Send comments (copy psa@ansi.org) to: https://form.jotform.com/Code_Apps/ICC-Public_Comments

NEMA (National Electrical Manufacturers Association)

1812 N Moore Street, Suite 2200, Arlington, VA 22209 | mike.leibowitz@nema.org, www.nema.org

Revision

BSR/NEMA MW 01000-2025-202x, Magnet Wire (revision and redesignation of ANSI/NEMA MW 1000-2023)
This publication presents in concise and convenient form all existing NEMA Standards for magnet wire. It contains Standards for round, rectangular, and square film-insulated and/or fibrous- covered copper and aluminum magnet wire for use in electrical apparatus. Included are the definitions, type designations, dimensions, constructions, performance, and test methods for magnet wire generally used in the winding of coils for electrical apparatus. Unless otherwise stated, a revision to a product specification in this Standards publication does not affect compliance of product manufactured during the time a previous version of that specification was in effect.
Single copy price: $506.00
Obtain an electronic copy from: https://store.accuristech.com/
Send comments (copy psa@ansi.org) to: Michael Leibowitz <mike.leibowitz@nema.org>

ULSE (UL Standards and Engagement)

1603 Orrington Ave, Suite 2000, Evanston, IL 60201 | isabella.brodzinski@ul.org, https://ulse.org/

New Standard

BSR/UL 2112-202x, Standard for Safety for Venting Systems for Use with Gas-Fired Direct Vent Appliances (new standard)
1.1 These requirements cover venting systems intended for venting direct vented gas-fired appliances that comply with ANSI Z21 series Standards. Venting systems covered by these requirements are intended to be used with direct-vented gas-fired appliances that have been installed in accordance with the National Fuel Gas Code, NFPA 54, and with Codes such as the International Mechanical Code, International Residential Code, Uniform Mechanical Code, and local Codes.
1.2 The requirements covered by this Outline Standard are intended to address the structural integrity supporting means, rain effects, and corrosion effects of the venting system. For wind effects, leakage, and clearance to combustible construction the appliance standard requirements shall be applied.
1.3 These requirements do not cover venting systems intended for use with Category II, III, or IV appliances.
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: November 10, 2025

ULSE (UL Standards and Engagement)

12 Laboratory Drive, RTP, NC 27709 | sean.mcalister@ul.org, https://ulse.org/

New Standard

BSR/UL 2941-202X, Standard for Cybersecurity of Distributed Energy and Inverter-Based Resources (new standard)
This Standard is being recirculated for review. This Standard describes the minimum basic and advanced cybersecurity requirements. This Standard does not contain the methods of validation of these requirements. This Standard is written in a way that the choice of implemented technology is the manufacturer's decision.
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 at the following website to enter comments into the CSDS Work https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)

12 Laboratory Drive , Research Triangle Park, NC 27709 | Adam.Payrot@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 1640-2021 (R202x), Standard for Safety for Portable Power-Distribution Equipment (reaffirmation of ANSI/UL 1640-2021)
Reaffirmation and continuance of the 4th Edition of the Standard for Portable Power-Distribution Equipment, UL 1640, as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 1026-202x, Standard for Safety for Household Electric Cooking and Food Serving Appliances (revision of ANSI/UL 1026-2023)
(1) Electric Pressure Cookers; (2) Revision in UL 1026 Supplement SA; (3) Update to the title for UL 4200A.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: https://csds.ul.org/ProposalAvailable

Comment Deadline: November 10, 2025

ULSE (UL Standards and Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Julio.Morales@UL.org, https://ulse.org/

Revision

BSR/UL 1838-202x, Standard for Safety for Low Voltage Landscape Lighting Systems (revision of ANSI/UL 1838 -2023)
This proposal for UL 1838 covers: (1) Clarification of derating factors for switches and relays located in a Class 2 circuit; (2) Addition of UL 60730-1 as an alternative to UL 873; (3) Class Y capacitor in an electronic power unit; (4) 2VDC Offset in Power Unit Temperature Test; (5) Specification for Hot Dip Process in Table 10.1; (6) Polymeric requirements for equipment connected to power unit (Table 52.1); (7) Unit Low-Voltage Cable; (8) Potting Compound in Power Supply Units; (9) Withdrawal and replacement of ANSI/ISA MC96.1, Temperature-Measurement Thermocouples; (10) Editorial Revisions.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.org/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.org/ProposalAvailable

Comment Deadline: November 25, 2025

ANS (American Nuclear Society)

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

New Standard

BSR/ANS 2.35-202x, Guidelines for Conducting Socioeconomic Impact Assessments of Nuclear Facility Sites (new standard)
This standard provides guidance for suitable procedures to characterize baseline socioeconomic conditions for estimating the socioeconomic impacts of nuclear power plant and related facilities including spent nuclear fuel storage facilities or other facilities where nuclear fuel is present (hereby termed “nuclear fuel facilities”). The standard is intended to provide civilian and government professionals with methodologies that are generally acceptable to facilitate the regulatory authority review of site suitability relative to socioeconomic considerations as part of a comprehensive environmental analysis for new nuclear facility development and to inform development of environmental documents required per the National Environmental Policy Act (NEPA). The standard is not intended to assess the impacts of license renewal or decommissioning of existing facilities in the United States (U.S.). Methodologies will be ranked, as appropriate, with consideration to situation and location.
Single copy price: $50.00
Obtain an electronic copy from: orders@ans.org
Order from: orders@ans.org
Send comments (copy psa@ansi.org) to: standards@ans.org

ANS (American Nuclear Society)

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

Revision

BSR/ANS 15.11-202x, Radiation Protection at Research Reactors (revision of ANSI/ANS 15.11-2016 (R2021))
This standard identifies the elements of radiation protection programs at research and test reactor facilities. It provides guidance on facility design and provides criteria for monitoring, administration and surveys for personnel safety at research and test reactors.
Single copy price: $124.00
Obtain an electronic copy from: orders@ans.org
Order from: orders@ans.org
Send comments (copy psa@ansi.org) to: standards@ans.org

Project Withdrawn

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

AGMA (American Gear Manufacturers Association)

1001 N. Fairfax Street, Suite 500, Alexandria, VA 22314 | olson@agma.org, www.agma.org

BSR/AGMA 6002-D20, Design Guide for Vehicle Spur and Helical Gears (reaffirmation of ANSI/AGMA 6002-D20)
Send comments (copy psa@ansi.org) to: Phillip Olson <olson@agma.org>

AGMA (American Gear Manufacturers Association)

1001 N. Fairfax Street, Suite 500, Alexandria, VA 22314 | olson@agma.org, www.agma.org

BSR/AGMA 6102-D20, Design Guide for Vehicle Spur and Helical Gears (Metric Edition) (reaffirmation of ANSI/AGMA 6102-D20)
Send comments (copy psa@ansi.org) to: Phillip Olson <olson@agma.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.

ANS (American Nuclear Society)

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

ANSI/ANS 15.2-1999 (R2025), Quality Control for Plate-Type Uranium-Aluminum Fuel Elements (reaffirmation of ANSI/ANS 15.2-1999 (R2021)) Final Action Date: 9/22/2025 | *Reaffirmation*

AWPA (ASC O5) (American Wood Protection Association)

2430 US Highway 27 STE #330-223, Clermont, FL 34714 | email@awpa.com, www.awpa.com

ANSI O5.2-2025, Structural Glued Laminated Timber for Utility Structures (revision of ANSI O5.2-2020) Final Action Date: 9/18/2025 | *Revision*

AWS (American Welding Society)

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

ANSI/AWS D11.2/D11.2M-2025, Guide for Welding Iron Castings (new standard) Final Action Date: 9/17/2025 | *New Standard*

CSA (CSA America Standards Inc.)

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

ANSI/CSA NGV 4.1/CSA 12.5 (R2025), Natural gas vehicle (NGV) dispensing systems (reaffirmation of ANSI/CSA NGV 4.1/CSA 12.5-2018 (R2022)) Final Action Date: 9/16/2025 | *Reaffirmation*

FCI (Fluid Controls Institute)

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

ANSI/FCI 18-2-2025, Standard for Installation of Type 1 Secondary Pressure Drainers (revision of ANSI/FCI 18-2-2020) Final Action Date: 9/16/2025 | *Revision*

IEEE (Institute of Electrical and Electronics Engineers)

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

ANSI/IEEE C37.105-2025, Standard for Qualifying Class 1E Protective Relays and Auxiliaries for Nuclear Power Generating Stations and Nuclear Facilities (new standard) Final Action Date: 9/18/2025 | *New Standard*

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

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

INCITS/ISO/IEC 13888-3:2020 [R2020], Information security - Non-repudiation - Part 3: Mechanisms using asymmetric techniques (identical national adoption of ISO/IEC 13888-3:2020 and revision of INCITS/ISO/IEC 13888-3:2009 [R2020]) Final Action Date: 9/18/2025 | *National Adoption*

INCITS/ISO/IEC 15444-1:2024 [2020], Information technology - JPEG 2000 image coding system - Part 1: Core coding system (identical national adoption of ISO/IEC 15444-1:2024 and revision of INCITS/ISO/IEC 15444-1:2019 [2020]) Final Action Date: 9/18/2025 | *National Adoption*

INCITS/ISO/IEC 18014-2:2021 [R2020], Information technology - Security techniques - Time-stamping services - Part 2: Mechanisms producing independent tokens (identical national adoption of ISO/IEC 18014-2:2021 and revision of INCITS/ISO/IEC 18014-2:2009 [R2020]) Final Action Date: 9/18/2025 | *National Adoption*

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

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

INCITS/ISO/IEC 29794-1:2024 [2020], Information technology - Biometric sample quality - Part 1: Framework (identical national adoption of ISO/IEC 29794-1:2024 and revision of INCITS/ISO/IEC 29794-1:2016 [2020]) Final Action Date: 9/18/2025 | *National Adoption*

INCITS/ISO/IEC 29794-4:2024 [2020], Information Technology - Biometric Sample Quality - Part 4: Finger Image Data (identical national adoption of ISO/IEC 29794-4:2024 and revision of INCITS/ISO/IEC 29794-4:2017 [2020]) Final Action Date: 9/18/2025 | *National Adoption*

INCITS/ISO/IEC 18092:2023 [R2020], Information technology - Telecommunications and information exchange between systems - Near Field Communication - Interface and Protocol (NFCIP-1) (identical national adoption of ISO/IEC 18092:2023 and revision of INCITS/ISO/IEC 18092:2013 [R2020]) Final Action Date: 9/18/2025 | *National Adoption*

INCITS/ISO/IEC 21481:2021 [R2020], Information technology - Telecommunications and information exchange between systems - Near Field Communication Interface and Protocol -2 (NFCIP-2) (identical national adoption of ISO/IEC 21481:2012 and revision of INCITS/ISO/IEC 21481:2012 [R2020]) Final Action Date: 9/18/2025 | *National Adoption*

INCITS/ISO/IEC 23917:2023 [R2020], Information technology - Telecommunications and information exchange between systems - NFCIP-1 - Protocol Test Methods (identical national adoption of ISO/IEC 23917:2023 and revision of INCITS/ISO/IEC 23917:2005 [R2020]) Final Action Date: 9/18/2025 | *National Adoption*

INCITS/ISO/IEC 27019:2024 [2020], Information technology - Security techniques - Information security controls for the energy utility industry (identical national adoption of ISO/IEC 27019:2024 and revision of INCITS/ISO/IEC 27019:2017 [2020]) Final Action Date: 9/18/2025 | *National Adoption*

INCITS/ISO/IEC 19757-9:2008 [R2024], Information technology - Document Schema Definition Languages (DSDL) - Part 9: Namespace and datatype declaration in Document Type Definitions (DTDs) (withdrawal of INCITS/ISO/IEC 19757 -9:2008 [R2024]) Final Action Date: 9/17/2025 | *Withdrawal*

NEMA (ASC C80) (National Electrical Manufacturers Association)

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

ANSI C80.3-2025, Electrical Metallic Tubing - Steel (EMT-S) (revision of ANSI C80.3-2020) Final Action Date: 9/15/2025 | *Revision*

NSAA (ASC B77) (National Ski Areas Association)

133 S Van Gordon Street, Suite 300, Lakewood, CO 80228 | mlane@nsaa.org

ANSI B77.2-2025, Standard for Funiculars - Safety Standard (revision of ANSI B77.2-2020) Final Action Date: 9/22/2025 | *Revision*

PMI (Project Management Institute)

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

ANSI/PMI 99-001-2025, The Standard for Project Management (revision of ANSI/PMI 99-001-2021) Final Action Date: 9/15/2025 | *Revision*

SEIA (Solar Energy Industries Association)

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

ANSI/SEIA 101-2025, Solar and Energy Storage Supply Chain Traceability Standard (new standard) Final Action Date: 9/18/2025 | *New Standard*

TIA (Telecommunications Industry Association)

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

ANSI/TIA 455-157-A-2025, FOTP-157 Adoption of IEC 61300-3-2:2009, Examination and Measurement Polarization Dependent Loss in a Single-mode Fibre Optic Device (identical national adoption of IEC 61300-3-2) Final Action Date: 9/18/2025 | *National Adoption*

ULSE (UL Standards and Engagement)

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

ANSI/UL 60079-31-2025, Standard for Safety for Explosive Atmospheres - Part 31: Equipment Dust Ignition Protection by Enclosure t (national adoption with modifications of IEC 60079-31) Final Action Date: 9/17/2025 | *National Adoption*

ANSI/UL 1400-2-2025, Standard for Safety for Cables in Fault-Managed Power Systems (new standard) Final Action Date: 9/19/2025 | *New Standard*

ANSI/UL 746A-2025a, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2025a) Final Action Date: 9/19/2025 | *Revision*

ANSI/UL 746S-2025, Standard for Safety for Evaluation of Sustainable Polymeric Materials for Use in Electrical Equipment (revision of ANSI/UL 746S-2025) Final Action Date: 9/19/2025 | *Revision*

VITA (VMEbus International Trade Association (VITA))

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

ANSI/VITA 47.2-2025, Class 2 Requirements for Environments, Design and Construction, Safety, and Quality for VITA 47 Plug-In Modules Dot Standard (revision of ANSI/VITA 47.2-2019) Final Action Date: 9/16/2025 | *Revision*

ANSI/VITA 47.3-2025, Class 3 Requirements for Environments, Design and Construction, Safety, and Quality for VITA 47 Plug-In Modules Dot Standard (revision of ANSI/VITA 47.3-2019) Final Action Date: 9/16/2025 | *Revision*

ANSI/VITA 67.3-2025, Coaxial Interconnect on VPX, Spring-Loaded Contact on Backplane (revision of ANSI/VITA 67.3 -2023) Final Action Date: 9/15/2025 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

AGMA (American Gear Manufacturers Association)

1001 N. Fairfax Street, Suite 500, Alexandria, VA 22314 | olson@agma.org, www.agma.org

BSR/AGMA 6000-C20, Specification for Measurement of Linear Vibration on Gear Units (reaffirmation of ANSI/AGMA 6000-C20)

AGMA (American Gear Manufacturers Association)

1001 N. Fairfax Street, Suite 500, Alexandria, VA 22314 | olson@agma.org, www.agma.org

BSR/AGMA ISO 10828, Worm gears - Worm profiles and gear mesh geometry (identical national adoption of ISO 10828:2024)

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE AD4254-6-MAR2021 (R202x), Agricultural machinery - Safety - Part 6: Sprayers and liquid fertilizer distributors (reaffirm a national adoption ANSI/ASABE AD4254-6-2020)

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE AD20966-2007 MAR2016 (R202x), Automatic milking installations - Requirements and testing (reaffirm a national adoption ANSI/ASABE AD20966-2007 MAR2016 (R2020))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE AD3918-2007 JAN2011 (R202x), Milking machine installations - Vocabulary (reaffirm a national adoption ANSI/ASABE AD3918-2007 JAN2011 (R2020))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE AD5707-2007 MAR2016 (R202x), Milking machine installations - Construction and performance (reaffirm a national adoption ANSI/ASABE AD5707-2007 MAR2016 (R2020))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE AD6690-2007 JAN2011 (R202x), Milking machine installations - Mechanical tests (reaffirm a national adoption ANSI/ASABE AD6690-2007 JAN2011 (R2020))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE EP585.1-MON2021 (R202x), Animal Mortality Composting (reaffirmation of ANSI/ASABE EP585.1-MON2021)

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE S588.1-NOV16 (R202x), Uniform Terminology for Air Quality (reaffirmation of ANSI/ASABE S588.1-NOV16 (R2020))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE S592.1-2016 (R202x), Best Management Practices for Boom Spraying (reaffirmation of ANSI/ASABE S592.1-2016 (R2020))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE S596-2006 (R202x), Recycling Plastic Containers from Pesticides and Pesticide-Related Products (reaffirmation of ANSI/ASABE S596-2006 (R2020))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE S626-SEPT2016 (R202x), Landscape Irrigation System Uniformity and Application Rate Testing (reaffirmation of ANSI/ASABE S626-SEPT2016 (R2020))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE S598 JAN2010 (R202x), Procedure for Sampling, Measuring and Reporting Commingled Crop in Combine Harvest of a Subsequent Crop (reaffirmation of ANSI/ASABE S598 JAN2010 (R2019))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE/ASHRAE EP653-OCT2021 (R202x), Heating, Ventilating, and Air Conditioning (HVAC) for Indoor Plant Environments without Sunlight (reaffirmation of ANSI/ASABE/ASHRAE EP653-OCT2021)

ASABE (American Society of Agricultural and Biological Engineers)

2590 Niles Road, Saint Joseph, MI 49085 | stell@asabe.org, https://www.asabe.org/

BSR/ASABE/ISO 5675-202x, Agricultural tractors and machinery - General purpose quick-action hydraulic couplers (identical national adoption of ISO 5675:2021 and revision of ANSI/ASABE AD5675-2016 (R2020))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE/NFBA S618 DEC2010 (R202x), Post Frame Building System Nomenclature (reaffirmation of ANSI/ASABE/NFBA S618 DEC2010 (R2020))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASAE EP403.4 FEB2011 (R202x), Design of Anaerobic Lagoons for Animal Waste Management (reaffirmation of ANSI/ASAE EP403.4 FEB2011 (R2020))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASAE S261.7-OCT96 (R202x), Design and Installation of Nonreinforced Concrete Irrigation Pipe Systems (reaffirmation of ANSI/ASAE S261.7-OCT96 (R2020))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASAE S376.3-2016 (R202x), Design, Installation and Performance of Underground, Thermoplastic Irrigation Pipelines (reaffirmation of ANSI/ASAE S376.3-2016 (R2020))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASAE S572.3-FEB2020 (R202x), Spray Nozzle Classification by Droplet Spectra (reaffirmation of ANSI/ASAE S572.3-FEB2020)

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASAE S483.2 AUG2011 (R202x), Rotary Mower Blade Ductility Test (reaffirmation of ANSI/ASAE S483.2 AUG2011 (R2020))

AWS (American Welding Society)

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

BSR/AWS B2.2/B2.2M-202x, Specification for Brazing Procedure and Performance Qualification (revision of ANSI/AWS B2.2/B2.2M-2025)

AWS (American Welding Society)

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

BSR/AWS B2.3/B2.3M-202x, Specification for Soldering Procedure and Performance Qualification (revision of ANSI/AWS B2.3/B2.3M-2025)

AWS (American Welding Society)

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

BSR/AWS C7.1M/C7.1-202x, Recommended Practices for Electron Beam Welding and Allied Processes (revision of ANSI/AWS C7.1M/C7.1-2013)

CTA (Consumer Technology Association)

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

BSR/CTA 6011-202x, Audio, video, and related equipment - Determination of power consumption - Part 4: Video recording equipment (IEC 62087-4:2015) (identical national adoption of IEC 62087-4:2015)
Interest Categories: CTA is seeking new members to join the consensus body. CTA and the Canvas Committee for US National Adoptions are particularly interested in adding new members (called "users") who acquire products from those who create them, and in adding new members who neither produce nor use those products, and others (called members with a "general interest")

CTA (Consumer Technology Association)

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

BSR/CTA 6013-202x, Audio, video, and related equipment - Determination of power consumption - Part 6: Audio equipment (IEC 62087-6:2015) (identical national adoption of IEC 62087-6:2015)
Interest Categories: CTA is seeking new members to join the consensus body. CTA and the Canvas Committee for US National Adoptions are particularly interested in adding new members (called "users") who acquire products from those who create them, and in adding new members who neither produce nor use those products, and others (called members with a "general interest")

CTA (Consumer Technology Association)

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

BSR/CTA 6015-202x, Sound system equipment - Part 24: Headphones and earphones - Active acoustic noise cancelling characteristics (IEC 60268-24:2023) (identical national adoption of IEC 60268-24:2023)
Interest Categories: CTA is seeking new members to join the consensus body. CTA and the Canvas Committee for US National Adoptions are particularly interested in adding new members (called "users") who acquire products from those who create them, and in adding new members who neither produce nor use those products, and others (called members with a "general interest")

NEMA (National Electrical Manufacturers Association)

1812 N Moore Street, Suite 2200, Arlington, VA 22209 | mike.leibowitz@nema.org, www.nema.org

BSR/NEMA MW 01000-2025-202x, Magnet Wire (revision and redesignation of ANSI/NEMA MW 1000-2023)

NSF (NSF International)

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

BSR/NSF 173-202x (i119r2), Dietary Supplements (revision of ANSI/NSF 173-2024a)

NSF (NSF International)

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

BSR/NSF 455-3-202x (i48r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2024)

NSF (NSF International)

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

BSR/NSF/CAN 61-202x (i197r2), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2024)

ULSE (UL Standards and Engagement)

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

BSR/UL 1026-202x, Standard for Safety for Household Electric Cooking and Food Serving Appliances (revision of ANSI/UL 1026-2023)

ULSE (UL Standards and Engagement)

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

BSR/UL/ULC 2152-202x, Special Purpose Nonmetallic Containers and Tanks for Specific Combustible or Noncombustible Liquids (revision of ANSI/UL 2152-2021)

American National Standards (ANS) Announcements

Continued Stabilized Maintenance

VMEbus International Trade Association (VITA)

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2014 , shall continue to be maintained under the stabilized maintenance option.

ANSI/VITA 1.5-2003 (S2025], 2eSST

For inquiries please contact: Jing Kwok <jing.kwok@vita.com>

Continued Stabilized Maintenance

VMEbus International Trade Association (VITA)

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2014 , shall continue to be maintained under the stabilized maintenance option.

ANSI/VITA 1.7-2003 (S2025], Increased Current DIN Connector

For inquiries please contact: Jing Kwok <jing.kwok@vita.com>

Continued Stabilized Maintenance

VMEbus International Trade Association (VITA)

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2014 , shall continue to be maintained under the stabilized maintenance option.

ANSI/VITA 32-2003 (S2025], Processor PMC

For inquiries please contact: Jing Kwok <jing.kwok@vita.com>

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

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

PMMI (Organization) - PMMI - The Association for Packaging and Processing Technologies

Effective August 15, 2025

The reaccreditation of **PMMI - The Association for Packaging and Processing Technologies** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on PMMI-sponsored American National Standards, effective **August 15, 2025**. For additional information, please contact: Jean Walsh, PMMI - The Association for Packaging and Processing Technologies (PMMI (Organization)) | 12930 Worldgate Dr, Suite 200, Herndon, VA 20170-6037 | (269) 932-7027, walsh@asabe.org

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

A3 - Association for Advancing Automation

Meeting Time: 21 – 23 October, 2025

Meeting Details:

ANSI-Accredited Standards Committee: R15.08, Industrial Mobile Robot Safety
Meeting Format: Virtual/In person
Location: Virtual & Salem, OR
Meeting Hosts/Sponsors: Agility Robotics
Dates: 21 – 23 October, 2025

For inquiries please contact: Carole Franklin, cfranklin@automate.org or the general standards team inbox, standards@automate.org

ANSI Accredited Standards Developer

ASA (ASC S1) - Acoustical Society of AmericaAcoustics

Meeting Time: ASACOS Steering 11/18/2025 10:00 AM CST / 11:00 AM EST - ASACOS 11/18/2025 1:00 PM CST / 2:00 PM EST

2025 ASA Standards Winter Meeting Schedule
ASACOS and Steering meetings are being held virtually. For access via ZOOM, please contact Nancy A. Blair-DeLeon, ASA Standards Manager at nblairdeleon@acousticalsociety.org.

Meeting of ASACOS Steering
Tuesday, 11/18/2025
10:00 AM CST / 11:00 AM EST
Virtual via ZOOM

Meeting of ASACOS
Tuesday, 11/18/2025
1:00 PM CST / 2:00 PM EST
Virtual via ZOOM

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

IKECA - International Kitchen Exhaust Cleaning Association

Meeting Time: Monday, October 27 8:00 am-12:00pm Central Time

IKECA Technical Standards Development Committee
Monday, October 27 8:00 am-12:00pm Central Time
Hilton Ft. Worth
815 Main St, Fort Worth, TX 76102
Contact allison@ikeca.org to register as a guest/observer.

American National Standards Under Continuous Maintenance

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

AARST (American Association of Radon Scientists and Technologists)

AGA (American Gas Association)

AGSC (Auto Glass Safety Council)

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ASME (American Society of Mechanical Engineers)

ASTM (ASTM International)

GBI (Green Building Initiative)

HL7 (Health Level Seven)

Home Innovation (Home Innovation Research Labs)

IES (Illuminating Engineering Society)

ITI (InterNational Committee for Information Technology Standards)

MHI (Material Handling Industry)

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

NCPDP (National Council for Prescription Drug Programs)

NEMA (National Electrical Manufacturers Association)

NFRC (National Fenestration Rating Council)

NISO (National Information Standards Organization)

NSF (NSF International)

PHTA (Pool and Hot Tub Alliance)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

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ISO & IEC Draft International Standards

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

COMMENTS

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

Those regarding IEC documents should be sent to the USNC/IEC team at ANSI's New York offices (usnc@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

Acoustics (TC 43)

ISO/DIS 18484, Acoustics - Design process for the acoustic environment of buildings - 12/6/2025, $93.00

Agricultural food products (TC 34)

ISO/DIS 8553, Milk - Enumeration of microorganisms - Plate-loop technique at 30 °C - 12/8/2025, $53.00

Analysis of gases (TC 158)

ISO 19229:2019/DAmd 1, - Amendment 1: Gas analysis - Purity analysis and the treatment of purity data - Amendment 1: Correction of formula A.4 - 12/11/2025, $29.00

Biotechnology (TC 276)

ISO/DIS 24031, Biotechnology - General requirements for nucleic acid- and protein-based bio-devices - 12/5/2025, $58.00

Graphic technology (TC 130)

ISO/DIS 23564, Image technology colour management - Evaluating colour transform accuracy in ICC profiles - 12/6/2025, $46.00

Health Informatics (TC 215)

ISO/DIS 11616, Health informatics - Identification of medicinal products - Data elements and structures for unique identification and exchange of regulated pharmaceutical product information - 12/4/2025, $107.00

Industrial fans (TC 117)

ISO/DIS 13350, Fans - Performance testing of jet fans - 12/8/2025, $107.00

Mining (TC 82)

ISO/DIS 19426-4, Structures for mine shafts - Part 4: Conveyances - 12/11/2025, $98.00

Non-destructive testing (TC 135)

ISO/DIS 25335, Non-destructive testing - Thermographic testing - Mechanical and electrical equipment testing - 12/4/2025, $53.00

Other

ISO/CIE DIS 17166, Erythema reference action spectrum and standard erythema dose - 12/5/2025, $40.00

Paints and varnishes (TC 35)

ISO/DIS 8502-16, Preparation of steel substrates before application of paints and related products - Tests for the assessment of surface cleanliness - Part 16: Extraction of water soluble contaminants for analysis, the saturated filter paper method - 12/7/2025, $46.00

Steel (TC 17)

ISO/DIS 4935, Steel and iron - Determination of sulfur content - Infrared absorption method after combustion in an induction furnace - 12/6/2025, $67.00

(TC 333)

ISO/DIS 10655, Methods for analysis of lithium hexafluorophosphate - Determination of metal ions content by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES) - 12/6/2025, $62.00

Textiles (TC 38)

ISO/DIS 15631, Textiles - Differentiation of the colouration process of fabrics by pigment dyeing and printing - Light microscopy method - 12/4/2025, $67.00

Traditional Chinese medicine (TC 249)

ISO/DIS 25661, Traditional Chinese medicine - Polygonatum kingianum, Polygonatum sibiricum, and Polygonatum cyrtonema rhizome - 12/4/2025, $58.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 25421, Information technology - User interfaces - Describing whole-body movement sequences - 12/8/2025, $71.00

ISO/IEC DIS 29128-2, Information security, cybersecurity and privacy protection - Verification of Cryptographic Protocols - Part 2: Evaluation Methods and Activities for Cryptographic Protocols - 12/4/2025, $62.00

ISO/IEC DIS 30150-11, Information technology - Affective computing user interface (AUI) - Part 11: Emotion representation - 12/5/2025, $46.00

ISO/IEC DIS 30150-31, Information technology - Affective computing user interface (AUI) - Part 31: Emotion annotation - 12/11/2025, $53.00

ISO/IEC/IEEE DIS 42024, Enterprise, systems and software - Architecture fundamentals - 12/7/2025, $146.00

IEC Standards

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

46F/727/DTR, IEC TR 61169-1-8 ED1: Radio-frequency connectors - Part 1-8: Electrical test methods - Voltage standing wave ratio for a single connector by double connector method, 11/14/2025

46/1067/NP, PNW 46-1067 ED1: Leaky waveguide - Part 3: Sectional specification for rigid rectangular leaky waveguides, 12/12/2025

Documentation and graphical symbols (TC 3)

3/1749/ED, IEC 60617-C00296 ED1: Insulated Gate Bipolar Transistor (IGBT), 11/14/2025

3D/458/ED, IEC 61360-C00187 ED3: Contact and organisation information, 10/17/2025

Electrical accessories (TC 23)

23/1166/CD, IEC 61535/AMD1/FRAG1 ED3: Fragment 1 - Amendment 1 - Installation couplers intended for permanent connection in fixed installations, 11/14/2025

Electrical equipment in medical practice (TC 62)

62B/1395/CD, IEC 60601-2-54 ED3: Medical electrical equipment - Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy, 11/14/2025

Industrial-process measurement and control (TC 65)

65/1155/DPAS, IEC PAS 62443-1-6 ED1: Security for Industrial Automation and Control Systems - Part 1-6: Application of the IEC 62443 series to the Industrial Internet of Things (IIoT), 11/14/2025

65/1154/NP, PNW 65-1154 ED1: Internet of Things - Part 3: IoT applications for natural gas distribution systems, 12/12/2025

Lamps and related equipment (TC 34)

34D/1796/CDV, IEC 60598-2-11 ED3: Luminaires - Part 2-11: Particular requirements - Aquarium luminaires, 12/12/2025

34D/1797/CDV, IEC 60598-2-18 ED4: Luminaires - Part 2-18: Particular requirements - Luminaires for swimming pools and similar applications, 12/12/2025

34/1393/CD, IEC TS 62972 ED2: General lighting - Organic light emitting diode (OLED) products and related equipment - Terms and definitions, 12/12/2025

Laser equipment (TC 76)

76/786/DTS, IEC TS 60825-13 ED1: Safety of laser products - Part 13: Measurements for classification of laser products, 11/14/2025

Marine energy - Wave, tidal and other water current converters (TC 114)

114/602/NP, PNW TS 114-602 ED1: Marine energy - Wave, tidal and other water current converters - Part 11: Handbook for Scour Protection Methods, 12/12/2025

Nanotechnology standardization for electrical and electronic products and systems (TC 113)

113/912/CDV, IEC 62607-3-1 ED2: Nanomanufacturing - Key control characteristics - Part 3-1: Nanophotonic products - Photoluminescence quantum yield of luminescent nanomaterials: absorption and photoluminescence spectroscopy, 12/12/2025

113/927/CD, IEC TS 62607-3-4 ED1: Nanomanufacturing - Key control characteristics - Part 3-4: Nanophotonic products - Luminance of quantum dot enabled light emitting diodes: configuration optimized measurement for top and bottom devices, 11/14/2025

Performance of household electrical appliances (TC 59)

59M/193/FDIS, IEC 63437 ED1: Off grid and unreliable grid refrigerating appliances for domestic and light commercial use - Characteristics and test methods - Performance requirements and energy consumption, 10/31/2025

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

116/920(F)/FDIS, IEC 62841-3-1/AMD2 ED1: Amendment 2 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-1: Particular requirements for transportable table saws, 10/03/2025

Safety of household and similar electrical appliances (TC 61)

61/7492(F)/FDIS, IEC 60335-2-3/AMD1 ED7: Amendment 1 - Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for electric irons, ironing boards, ironing systems and similar appliances, 10/03/2025

61/7496(F)/FDIS, IEC 60335-2-5 ED7: Household and similar electrical appliances - Safety - Part 2-5: Particular requirements for dishwashers, 10/10/2025

61/7495(F)/FDIS, IEC 60335-2-85/AMD1 ED3: Amendment 1 - Household and similar electrical appliances - Safety - Part 2-85: Particular requirements for fabric steamers, 10/10/2025

Semiconductor devices (TC 47)

47/2959/FDIS, IEC 60749-22-2 ED1: Semiconductor devices - Mechanical and climatic test methods - Part 22-2: Bond strength - Wire bond shear test methods, 10/31/2025

47D/997/CDV, IEC 63378-6-1 ED1: Thermal standardization on semiconductor packages - Part 6-1: Thermal resistance and capacitance model for transient temperature prediction at junction and measurement points - Model creation method using a datasheet of semiconductor device, 12/12/2025

Surface mounting technology (TC 91)

91/2068/NP, PNW 91-2068 ED1: Test method for electrical materials, circuit board and other interconnection structures and assemblies - Part 2-X: Test methods for interconnection structures - Test methods for relative permeability and magnetic loss tangent of magnetic dielectric materials for circuit boards at 1 MHz to 1 GHz using impedance analyzer, 12/12/2025

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

121/233/CDV, IEC 63058 ED1: Switchgear and controlgear and their assemblies for low voltage - Environmental aspects, 12/12/2025

(TC 125)

125/122/NP, PNW 125-122 ED1: E-Transporters - Part 4-2: Electromagnetic compatibility (EMC) requirements and test methods for e-Transporters - Immunity, 12/12/2025

(TC 129)

129/53/CD, IEC 63439-2-1 ED1: Robotics for electricity generation, transmission and distribution systems - Part 2-1: General Technical Requirements for UAS for Overhead Power Lines Inspection, 11/14/2025

Newly Published ISO & IEC Standards

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

ISO Standards

Agricultural food products (TC 34)

ISO 18731:2025, Spices and condiments - Seasoning oil of Zanthoxyli pericarpium - Specification, $84.00

Building construction (TC 59)

ISO 23387:2025, Building information modelling (BIM) - Data templates for objects used in the life cycle of assets, $201.00

Building construction machinery and equipment (TC 195)

ISO 11886:2025, Drilling and foundation machinery - Soil or soil and rock mixture drilling and foundation machines - Commercial specifications, $287.00

Essential oils (TC 54)

ISO 3054:2025, Essential oil of lavandin Abrial (Lavandula x intermedia Emeric ex Loisel. 'abrial') (ex Lavandula angustifolia Mill. x Lavandula latifolia Medik. 'abrial'), $84.00

ISO 8902:2025, Essential oil of lavandin Grosso (Lavandula x intermedia Emeric ex Loisel. "grosso") (ex Lavandula angustifolia Mill. × Lavandula latifolia Medik. "grosso"), $84.00

ISO 24600:2025, Essential oil of roman chamomile [Chamaemelum nobile (L.) All. syn. Anthemis nobilis L.], $84.00

Fine ceramics (TC 206)

ISO 10820:2025, Fine ceramics (advanced ceramics, advanced technical ceramics) - Ultraviolet irradiation equipment using UV-A LEDs and optical radiometry for performance test of semiconducting photocatalytic materials, $84.00

Implants for surgery (TC 150)

ISO 5092:2025, Additive manufacturing for medical - General principles - Additive manufacturing of non-active implants, $84.00

Indirect, temperature-controlled refrigerated delivery services – land transport of parcels with intermediate transfer (TC 315)

ISO 31510:2025, Cold chain logistics - Vocabulary, $56.00

Measurement of fluid flow in closed conduits (TC 30)

ISO 4064-5:2025, Water meters for cold potable water and hot water - Part 5: Installation requirements, $84.00

Non-destructive testing (TC 135)

ISO 6366:2025, Non-destructive testing - Leak testing - Radioactive tracer methods for pressured vessels and underground pipelines, $127.00

Nuclear energy (TC 85)

ISO 18518:2025, Magnetic fusion facilities - Requirements for the safety systems raised by the application of the superconducting technology, $172.00

ISO 24427:2025, Radiological protection - Medical proton accelerators - Requirements and recommendations for shielding design and evaluation, $230.00

Plastics (TC 61)

ISO 8203-4:2025, Fibre-reinforced plastic composites - Non-destructive testing - Part 4: Laser shearography, $172.00

Powder metallurgy (TC 119)

ISO 4491-3:2025, Metallic powders - Determination of oxygen content by reduction methods - Part 3: Hydrogen-reducible oxygen, $84.00

Road vehicles (TC 22)

ISO 8202:2025, Road vehicles - Box task and detection response task to measure visual-manual and cognitive demand, $84.00

ISO 15118-21:2025, Road vehicles - Vehicle to grid communication interface - Part 21: Common 2nd generation network layer and application layer requirements conformance test plan, $287.00

ISO/PAS 15118-202:2025, Road vehicles - Vehicle to grid communication interface - Part 202: Extensible SECC Discovery Protocol and Event Notification Protocol, $201.00

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

ISO 24516-1:2016/Amd 1:2025, - Amendment 1: Guidelines for the management of assets of water supply and wastewater systems - Part 1: Drinking water distribution networks - Amendment 1: Performance indicators and requirements for monitoring and review with additional related examples, $23.00

Sizing systems and designations for clothes (TC 133)

ISO 8559-2:2025, Size designation of clothes - Part 2: Primary and secondary dimension indicators, $230.00

Soil quality (TC 190)

ISO 16965:2025, Environmental solid matrices - Determination of elements using inductively coupled plasma mass spectrometry (ICP-MS), $172.00

Solid mineral fuels (TC 27)

ISO 23873:2025, Hard coal - Method for the measurement of the swelling properties using a dilatometer, $127.00

Sustainable development in communities (TC 268)

ISO 16481:2025, Sustainable mobility and transportation - Digital governance - Strategic needs regarding ISO 37101 purposes of sustainability, $201.00

ISO 16499-1:2025, Sustainable mobility and transportation - Automated mobility using physical and digital infrastructure - Part 1: Service role architecture, $84.00

Thermal insulation (TC 163)

ISO 52016-3:2023/Amd 1:2025, - Amendment 1: Energy performance of buildings - Energy needs for heating and cooling, internal temperatures and sensible and latent heat loads - Part 3: Calculation procedures regarding adaptive building envelope elements - Amendment 1: Reference control scenarios for adaptive building envelope elements with dynamic solar shading or chromogenic glazing, $23.00

ISO Technical Reports

Transport information and control systems (TC 204)

ISO/TR 22625:2025, Intelligent transport systems - Mobility integration - Physical and functional view, $127.00

ISO Technical Specifications

Natural gas (TC 193)

ISO/TS 18222:2025, Natural gas - Correlation between odorant concentration in air and odour intensity, $84.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 24760-1:2025, Information security, cybersecurity and privacy protection - A framework for identity management - Part 1: Core concepts and terminology, $172.00

ISO/IEC 24760-2:2025, Information security, cybersecurity and privacy protection - A framework for identity management - Part 2: Reference architecture and requirements, $230.00

ISO/IEC 24760-3:2025, Information security, cybersecurity and privacy protection - A framework for identity management - Part 3: Practice, $201.00

ISO/IEC 29168-2:2025, Information technology - Open systems interconnection - Part 2: Procedures for the object identifier resolution system operational agency, $84.00

ISO/IEC 19823-11:2025, Information technology - Conformance test methods for security service crypto suites - Part 11: Crypto suite PRESENT-80, $84.00

ISO/IEC 23001-11:2023/Amd 2:2025, - Amendment 2: Information technology - MPEG systems technologies - Part 11: Energy-efficient media consumption (green metadata) - Amendment 2: Energy-efficient media consumption for new display power reduction metadata, $259.00

ISO/IEC 29110-5-4:2025, Systems and software engineering - Life cycle profiles for very small entities (VSEs) - Part 5-4: Agile software development guidelines, $259.00

ISO/IEC TS 27564:2025, Privacy protection - Guidance on the use of models for privacy engineering, $201.00

ISO/IEC TS 8236-1:2025, Information technology - Provisioning, forecasting and management - Part 1: Data centre IT equipment, $259.00

ISO/IEC TS 8236-2:2025, Information technology - Provisioning, forecasting and management - Part 2: Data centre facility infrastructure, $259.00

IEC Standards

Electrical equipment in medical practice (TC 62)

IEC 62570 Ed. 2.0 en:2025, Standard practice for marking medical devices and other items for safety in the magnetic resonance environment, $200.00

IEC 62570 Ed. 2.0 b:2025, Standard practice for marking medical devices and other items for safety in the magnetic resonance environment, $200.00

Industrial-process measurement and control (TC 65)

IEC 63261 Ed. 1.0 b Cor.1:2025, Corrigendum 1 - Representation of electrical and instrument objects in digital 3D plant models during engineering, $0.00

IEC Technical Specifications

Solar photovoltaic energy systems (TC 82)

IEC/TS 61724-2 Ed. 2.0 en:2025, Photovoltaic system performance - Part 2: Power performance index and capacity evaluation method, $258.00

Accreditation Announcements (U.S. TAGs to ISO)

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

TC 279, Innovation management

Effective October 27, 2025

The U.S. Technical Advisory Group to **ISO TC 279, *Innovation management*** has voted to approve the transfer of TAG Administrator responsibilities from the American National Standards Institute to the American Network for Innovation. The TAG will continue to operate under its currently accredited operating procedures, the Model Operating Procedures for US Technical Advisory Groups to ANSI for ISO Activities, as provided in Annex A of the ANSI International Procedures.

For additional information or to submit comments, please contact: Rick Fernandez, President, American Network for Innovation (please copy jthompso@ansi.org). If no comments are received by October 27, 2025, this action will be formally approved, effective that date.

International Electrotechnical Commission (IEC)

Call for Members (USNC)

USNC TAG to IEC/TC 96

The USNC Technical Advisory Group (TAG) to IEC/TC 96 would like to grow its membership. **Individuals who are interested in joining the USNC TAG to IEC/TC 96, are invited to contact Betty Barro at bbarro@ansi.org as soon as possible.**

Please see the scope for **the IEC/ TC 96** below:

Scope: **TC 96 - Transformers and reactors**

To prepare standards for transformers and reactors, including those incorporated as part of linear and switched-mode power supplies intended for use in low voltage equipment.
It does not cover power transformers and reactors for use in power generation, transmission and distribution networks (covered by TC 14).

International Organization for Standardization (ISO)

Establishment of ISO Technical Committee

U.S. TAG to ISO TC 353, Safety, security and good production practices of cannabis facilities and operations

Comment Deadline: October 17, 2025

UL Standards & Engagement has been appointed by the American National Standards Institute (ANSI) as an administrator to an International Organization for Standardization (ISO) Technical Committee (TC), ISO/TC 353, *Safety, security and good production practices of cannabis facilities and operations*.

As the ANSI U.S. TAG administrator, UL Standards & Engagement is responsible for transmitting the official U. S. position to proposals within activities under the responsibility of ISO/TC 353, as well as for bringing to the ISO any new work items that would support the broad efforts in the U.S. in this area of standardization.

To ensure that all interested parties have an opportunity to contribute to the development of the U.S. position on key issues that are considered by ISO/TC 353, UL Standards & Engagement is now soliciting U.S. stakeholders to participate in the ANSI U.S. TAG. Participation in the ANSI U.S. TAG is open to all U.S. national interested parties who are directly and materially affected by all of the TAG's activity. Individuals who are interested in becoming a member of the ANSI U.S. TAG for ISO/TC 353 are invited to contact Grace Callahan, Secretary of the TAG, at grace.callahan@ul.org.

Scope:
Standardization in the field of safety, security and quality systems of cannabis facilities and operations in jurisdictions where such facilities and operations are legal, covering the supply chain from cultivation, processing, production, packaging, distribution, transportation and retail stores for cannabis and cannabis products.

Standardization includes but not limited to terminology; methods of tests; cannabis equipment and their operation; waste disposal; air quality; good production practices; good manufacturing practices; security of facilities and operations; and related quality management systems.

Excluded:
- fire protection of buildings and facilities (covered by ISO/TC 21)
- methods of analysis of food products and traceability (covered by ISO/TC 34)
- fire safety of buildings and materials (covered by ISO/TC 92)
- quality management systems (covered by ISO/TC 176)
- environmental management systems and monitoring (covered by ISO/TC 207)
- cosmetics - good manufacturing practices (GMP) (covered by ISO/TC 217)
- occupational health and safety management systems (covered by ISO/TC 283)
- alarm and electronic security systems (covered by IEC/TC 79)

International Organization for Standardization (ISO)

New Secretariats

ISO/TC 8/SC 2 – Marine environment protection

Comment Deadline: October 17, 2025

The U.S. Coast Guard (USCG) has requested ANSI to delegate the responsibilities of the administration of the ISO/TC 8/SC 2 – *Marine environment protection* secretariat to the U.S. Coast Guard (USCG). The secretariat was previously held by the U.S. DOT Maritime Administration (MARAD) and the secretariat transfer is supported by the U.S. TAG.

ISO/TC 8/SC 2 operates under the following scope:

Standardization of marine pollution abatement materials, equipment and technologies and environmental matters to be used in shipbuilding and operation of ships, comprising sea-going ships, vessels for inland navigation, offshore structures, ship-to-shore interface and all other marine structures subject to International Maritime Organization (IMO) requirements.

Organizations wishing to comment on the delegation of the responsibilities should contact ANSI's ISO Team (isot@ansi.org).

Registration of Organization Names in the United States

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

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

C7.1/C7.1:20XX RECOMMENDED PRACTICES FOR ELECTRON BEAM WELDING AND ALLIED PROCESSES

All substantive revisions from the previous public review that are being made to the next edition of the C7.1/C7.1M:20XX code are listed below in YELLOW highlight. These items have previously been approved individually through the AWS C7 Committee on High Energy Beam Welding and Cutting . Additional editorial changes may be included in the next edition during the final publication stages

5.2 Beam Measurements. Quantification of electron beam distributions is performed to understand the size and shape of the electron density of the beam. These techniques are typically referred to as electron beam "profiling" or "probing". The measurement is accomplished by moving the beam relative to a small aperture that collects the electrons. However, the current measurement has also been performed by moving a small diameter wire through the beam. By knowing the beam propagation relative to the aperture (or wire) and measuring the current flow for a given period of time, the current density of the beam can be determined. Using these measurements and tracking the location for each measurement relative to the beam allow for compiling an array of data points. By changing the focus of the beam and collecting discrete beam distributions for a set of focal positions these data points result in focal beam distributions constructed from the locally measured electron densities. An example of the intensity distributions at different focal positions and comparisons between a well-adjusted beam and poorly adjusted beam is shown in Figure 10.

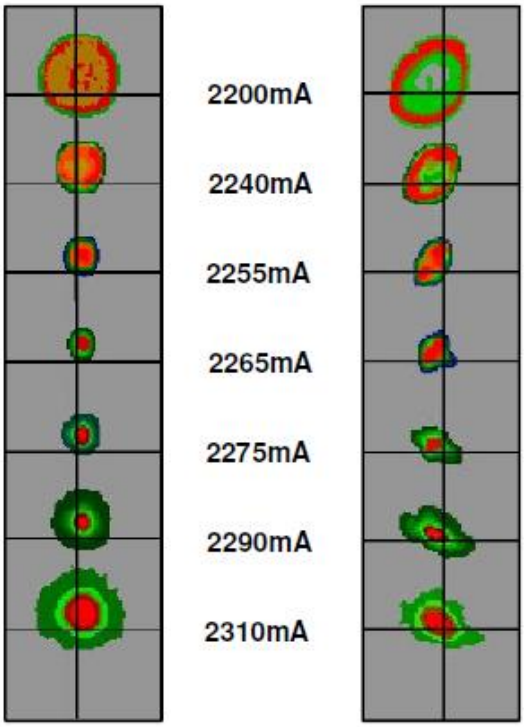

Image courtesy of PTR Precision Technologies, Inc.

Figure 10—Caustic Measurement of the Density Distribution of an Electron Beam with 1.5 kW Power

Note: The left side shows a well-adjusted beam. The right-side beam shows astigmatism, generated from an insufficient heated cathode.

The change in power density and beam diameter above and below the beam focal distance characterizes the beam shape and its capability for welding. The reproducibility of system settings and the beam shape determine the repeatability of the welding tasks. Collecting the measurements at various points above and below the beam focal distance can provide a numerical characterization of beam shape and power density. Various publications and standards explain and provide theoretical background as well as access for classification and comparison of beam shape and qualities.

2025 ICC A117.1 Modifications report from 2nd to final draft
2025-9-11

Proposal 04-19-21 D/AM BC1/D – (delete new text added in 2nd draft)
405.1 General. Ramps along accessible routes shall comply with Section 405.

EXCEPTION ~~**EXCEPTIONS**~~**:**

~~1.~~ In assembly areas, aisle ramps adjacent to seating and not serving elements required to be on an accessible route shall not be required to comply with Section 405.

~~2. Exterior sidewalks that connect elements on a site and that are a minimum of 48 inches wide and slope with grade are not required to comply with Section 405.~~

Proposal 03-04-21 D/BC2 AM/2-BC3 AM (deletion of current text)
406.2.1 Landings. A *landing* 48 inches (1220 mm) minimum by 48 inches (1220 mm) minimum shall be provided at the top of a *curb ramp*. ~~The *landing* shall be permitted to overlap other walking surfaces.~~ Where the *landing* is constrained at the back-of-sidewalk, the *landing* shall be 48 inches (1220 mm) minimum by 60 inches (1525 mm) minimum. The 60-inch (1525 mm) dimension shall be provided in the direction of the curb ramp run. The *running slope* and *cross slope* of *landing*s shall not be steeper than one unit vertical in 48 inches horizontal (2 percent slope).

Proposal 03-04-21 D/BC2 AM/2-BC3 AM (deletion of current text)
406.3.1 Landing. A *landing* 48 inches (1220 mm) minimum by 48 inches (1220 mm) minimum shall be provided at the bottom of a *curb ramp*. ~~The *landing* shall be permitted to overlap other walking surfaces.~~ Where the *landing* is constrained on two or more sides, the *landing* shall be 48 inches (1220 mm) minimum by 60 inches (1525 mm) minimum. The 60-inch (1525 mm) dimension shall be provided in the direction of the pedestrian street crossing. The *running slope* and *cross slope* of *landing*s shall not be steeper than one unit vertical in 48 inches horizontal (2 percent slope).

04-24-2021 AS/AS 2-BC1 and AS 2-BC2 – (add)

407.2.4.4.1 Verbal Announcement. When the *accessibility function button* is pressed, verbal announcement such as the car designation, shall be provided at the elevator car entrance upon arrival. Audio output shall be recorded digitized human or synthesized speech and shall be delivered through a loudspeaker. The verbal annunciator shall have a frequency of 300 Hz minimum and 3000 Hz maximum. Auditory volume, measured 35 inches (890 mm) in front of the elevator entrance and at 48 inches (1220 mm) above the floor, shall be maintained at a minimum of 10 dBA above ambient. The volume shall not exceed 80 dBA.

Proposal 05-08-2021 AS/AM PC1/AS 2-BC1 & 2-BC2 – (revision to new text from 2nd draft)

503.1.4.1 EV charging space size. The *EV charging space*s shall be 132 inches (3353 mm) minimum in width and ~~240~~ 216 inches (~~6096~~ 5486 mm) minimum in length.

Proposal 05-08-2021 AS/AM PC1/AS 2-BC1 & 2-BC2 - (revision to new text from 2nd draft)

503.1.4.4 Vertical clearance. A vertical clearance of 98 inches (2490 mm) minimum shall be provided at the following locations:

1. *EV charging space*s.
2. The access aisles serving the *EV charging space*.
3. The vehicular routes serving the ~~On-street~~ *EV charging space*.

Proposal 05-08-2021 AS/AM PC1/AS 2-BC1 & 2-BC2 - (revision to new text from 2nd draft)

503.1.4.5 Floor surfaces. *EV charging space*s and access aisles shall comply with *floor surfaces* and have shall not surface slopes steeper than one unit vertical in 48 inches horizontal (2 percent slope) measured along their length and width. Access aisles shall be at the same level as the *EV charging space*s they serve.

Proposal 06-05-2021 AS/AM BC1/AS 2-BC1 & 2-BC2; 06-06-2021 AM/D; E7 and E11 coordination (revision to text from 2nd draft)
603.5 Diaper changing tables. Diaper changing tables shall comply with *operable parts* and Section 902. Diaper changing tables ~~where~~ shall not be located in wheelchair accessible toilet compartments. Diaper changing tables located in single-user or family or companion toilet rooms shall not overlap the *maneuvering clearance* around the water closet or the *accessible* route to the transfer space when in the useable position.

~~**Exception**~~ **Exceptions:**

1. Self-closing diaper changing tables shall be permitted to be measured in the stowed position.
2. In alterations diaper changing tables shall be permitted outside the maneuvering clearance around the water closet in wheelchair accessible toilet compartments.

Proposals 06-07-2021 AS 2-BC1 – (add).

603.6 Operable parts. *Operable parts* on at least one towel dispensers and hand dryers serving lavatories complying with Section 606 shall comply with Table 603.6. At least one towel dispenser and one hand dryers serving the required accessible lavatory shall comply with *operable parts*.

Proposal 06-18-2021 AM/D/AM Reconsideration 1 and 2/AS 2-BC1 – (removes revised exception 1)
604.4 Height. The height of water closet seats shall be 17 inches (430 mm) minimum and 20 inches (510 mm) maximum above the floor, measured to the top of the seat. Seats shall not be sprung to return to a lifted position.
all not be sprung to return to a lifted position.

~~**Exceptions**~~ **Exception:**

~~1. A water closet which is adjustable in height by the user within the range specified in Section 604.4.~~

~~2.~~ A water closet in a toilet room for a single occupant, accessed only through a private office and not for *common use* or public use, shall not be required to comply with Section 604.4.

Proposal 06-25-2021 AM/AFM BC2/AS 2-BC2 – (add)
604.9.2 Doors. Doors for wheelchair *accessible* toilet compartments shall comply with Sections 404.2.2, 404.2.3.2, 404.2.4 and 404.2.9. The door shall be self-closing with a balanced door, gravity hinge or spring hinges. Door hardware shall comply with Section 404.2.6. In addition a door pull complying with Section 404.2.6 shall be placed on both sides of the door near the latch. Wheelchair *accessible* toilet compartment doors shall not swing into the required minimum area of the compartment.

Exceptions:

1. Outside of the compartment~~,~~ the door is not required to comply with Section 404.2.3.2 where the approach is to the latch side of the wheelchair *accessible* toilet compartment door, clearance between the door side of the compartment and any obstruction is 42 inches (1065 mm) minimum.
2. Within the wheelchair *accessible* toilet compartment, *maneuvering clearances* at the door shall not be required to comply with Section 404.2.3.2.
3. In an alternate wheelchair *accessible* toilet compartment, complying with Section 604.9.1.3, a door located in the front wall or partition shall be permitted to swing into the compartment where the compartment is 90 inches (2286 mm) minimum in depth.
4. In wheelchair *accessible* toilet compartment, the door shall be permitted to swing into the minimum area of the compartment where a *clear floor space* is provided past the swing of the door and a *turning space* is provided within the compartment.

Proposal 06-33-2021 D/AS BC1 AM 2-BC1, 2-BC2, 2-BC3, 2-BC4 – (add)
604.10.2 Doors. Doors for ambulatory *accessible* toilet compartments shall comply with Sections 404.2.2, 404.2.3.2, 404.2.4 and 404.2.9. The door shall be self-closing with a balanced door, gravity hinges or spring hinges. Door hardware shall comply with Section 404.2.6. In addition a door pull complying with Section 404.2.6 shall be placed on both sides of the door near the latch. Compartment doors shall not swing into the required minimum area of the compartment. Hinge and latch side of the doors are permitted to be oriented so that the door opens in the direction of the approach.

Exceptions:

1. Outside of the ambulatory *accessible* toilet compartment, the door is not required to comply with Section 404.2.3.2 where the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction is 42 inches (1065 mm) minimum.
2. Within the ambulatory *accessible* toilet compartment, *maneuvering clearances* at the door shall not be required to comply with Section 404.2.3.2.

Proposal 06-33-2021 D/AS BC1 AM 2-BC1, 2-BC2, 2-BC3, 2-BC4 – (revision to new text from 2nd draft)
605.5 Urinal compartments. ~~Where provided, urinal~~ Urinal compartments, shall comply with Section 605.5.

Proposal 06-33-2021 D/AS BC1 AM 2-BC1, 2-BC2, 2-BC3, 2-BC4 – technical change to new text
605.5.1 Size. The minimum area of a urinal compartment shall be ~~60~~ 66 inches (~~1525~~ 1675 mm) minimum in depth and a width of ~~35~~ 36 inches (~~890~~ 915 mm) minimum and ~~37~~ 38 inches (~~940~~ 965 mm) maximum.

Proposal 06-33-2021 D/AS BC1 AM 2-BC1, 2-BC2, 2-BC3, 2-BC4 – editorial?
605.5.2 Doors. Doors for urinal compartments shall comply with Sections 404.2.2, 404.2.3.2, 404.2.4 and 404.2.9. The door shall be self-closing with a balanced door, gravity hinges or spring hinges. Door hardware shall comply with Section 404.2.6. In addition, a door pull complying with Section 404.2.6 shall be placed on both sides of the door near the latch. Compartment doors shall not swing into the required minimum area of the compartment.

Exceptions:

1. Outside of the urinal compartment, the door shall not be required to comply with Section 404.2.3.2 where the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction is 42 inches (1065 mm) minimum. Hinge and latch side of the doors are permitted to be oriented so that the door opens in the direction of the approach.
2. Within the ambulatory *accessible* toilet compartment, *maneuvering clearances* at the door shall not be required to comply with Section 404.2.3.2.

Proposal **06-40-21 AM/AM BC3 & PC1/AS 2-BC2 & 2-BC3 (deletion of Section and Figure 607.2.1)**

~~**607.2.1 Clear floor space at the controls.** A clear floor space shall be provided at the bathtub controls. The toe clearance portion of the clear floor space shall extend 6 inches (152 mm) minimum beyond the control end wall.~~

~~**Exception:** The control wall shall be permitted to overlap the clear floor space 4 inches (102 mm) maximum measured horizontally from the outside face of the bathtub.~~

~~**FIGURE 607.2.1**~~

~~**CLEAR FLOOR SPACE FOR BATHTUB CONTROLS**~~

Proposal 06-58-21 AM/AM BC2 and BC3/AS 2-BC1 technical, deletion of new height

608.2.1.1 Size. Transfer-type shower compartents shall have a clear inside dimension of 35 inches (899 mm) minimum to 37 inches (940 mm) maximum in width measured at the center point of opposing side walls and 35 inches (899 mm) minimum to 37 inches (940 mm) maximum in depth measured from the center point of the back wall to the plane in line with the front face of the shower enclosure. ~~The shower clear inside dimensions shall be measured at a height of 17 minimum to 37 inches maximum (432-940 mm) from the shower floor.~~ An entry 35 inches (899 mm) minimum to 37 inches (940 mm) maximum in width shall be provided.

Proposal 06-53-21 AM/AM BC1, PC1/AM 2-BC1 - technical

608.5 Hand showers. A hand shower with a hose 59 inches (1500 mm) minimum in length, that can be used both as a fixed shower head and as a hand shower, shall be provided. The hand shower shall have a nonpositive shut-off feature that complies with the *operable parts* requirements in Section 309.4. A fixed shower head, in addition to the hand shower shall be permitted.

Exception: In Accessible units, a fixed shower head located 48 inches (1220 mm) maximum above the tub floor shall be permitted in lieu of a hand shower in bathing facilities where anti-ligature fixtures are provided.

A mount to hold the hand shower shall be provided and located in accordance with Sections 608.5.1, 608.5.2 or 608.5.3 as applicable.

Proposal 06-18-2021 AM/D/AM Reconsideration 1 and 2 (see 604.4)/AS 2-BC1 (technical, deletes new exception)

610.2 Bathtub seats. The height of bathtub seats shall be 17 inches (430 mm) minimum and 20 inches (510 mm) maximum above the bathroom floor, measured to the top of the seat. Bathtub seats shall be rectangular in shape.

~~**Exception:** A bathtub seat which is adjustable in height by the user within the range specified in Section 610.2.~~

Proposal 06-82-21 AM PC1 and PC2 (see 604.4)/AS 2-BC1 - deletion of new exception

610.3 Shower compartment seats. The height of shower compartment seats shall be 17 inches (430 mm) minimum and 20 inches (510 mm) maximum above the bathroom floor, measured to the top of the seat. In transfer-type and alternate roll-in-type showers, the seat shall extend along the seat wall to a point within 3 inches (75 mm) of the compartment entry. In standard roll-in-type showers and in alternate transfer type showers, the seat shall extend from the control wall to a point within 3 inches (75 mm) of the compartment entry. Seats shall comply with Section 610.3.1 or 610.3.2. In alternate transfer type showers the seat shall also have a seat back complying with Section 610.3.3.

~~**Exception:** A shower compartment seat which is adjustable in height by the user within the range specified in Section 610.3.~~

Proposal 06-84-2021 AS/PC1 AS, PC2 AM/ 2-BC1 AM, 2-BC2-AM - technical/partial coordination

611.5.3 Maneuvering clearance overlap. The required maneuvering clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, ~~paper dispensers, sanitary napkin receptacles, coat hooks, shelves,~~ accessible routes, clear floor space or maneuvering clearance at other fixtures, and the turning space. In addition, paper dispensers, trash receptacles, coat hooks, shelves, and emergency alert devices shall be permitted to overlap the maneuvering clearance around the water closet. No other fixtures or obstructions shall be located within the required maneuvering clearance around the water closet.

Exception:

1. Towel bars that meet the strength requirements in Section 609.8 shall be permitted to overlap the *maneuvering clearance* around the water closet.
2. Floor mounted support posts for swing up grab bars complying with Section 611.5.6.6.

Proposal 06-84-2021 AS/PC1 AS, PC2 AM/ 2-BC1 AM, 2-BC2-AM - technical/clarification

611.7.5 Controls. Controls for the on/off water flow, temperature and diverter controls shall comply with the operable parts requirements in Section 309.4 and shall be located in accordance with the following:

1. At a height of 38 inches (965 mm) minimum and 48 inches (1220 mm) maximum above the shower floor.
2. Either on the end wall or side wall, 18 inches (455 mm) minimum and 48 inches (1220 mm) maximum from the back wall.
3. ~~Located to allow access by a caregiver and minimize reaching through the water stream.~~ Allows access by a caregiver and is located to minimize the caregiver reaching through the water stream.

Exception: Where the back wall length is 72 inches (1830 mm) or greater, controls are permitted to be located on the back wall at a height of 38 inches (965 mm) minimum and 48 inches (1220 mm) maximum above the shower floor and 27 inches (685 mm) minimum and 60 inches (1525 mm) maximum from the end wall.

Proposal 06-90-2021 AM/PC4 AM/2-BC1 AM editorial?

615.6 Height adjustability. The changing surface height shall be adjustable in accordance with IAPMO Z1390.

Exception: Where the adult changing station is not required by the *administrative authority* to be provided, a fixed height assistive table shall be permitted and shall comply with IAPMO Z1390 listed in Section 106.2.14.

Proposal 07-02-2021 AM/D/AM 2-BC1 (revised) technical
703.1.3 Pictograms. Where *pictograms* are provided as designations of permanent interior rooms and spaces, the *pictograms* shall comply with Section 703.5 and shall have text descriptors ~~located directly below the *pictogram* field and~~ complying with Sections 703.1.4 and 703.2 and where located on the same sign, the text descriptor shall be located directly below the pictogram field.

Exception: *Pictograms* depicting occupant logos, and the International Symbol of Accessibility, shall not be required to have text descriptors.

Proposal 07-19-2024 D/AMBC2 & PC2/AM 2-BC1 (add)
705.3 Color. *Detectable warning surfaces* shall be yellow as indicated for Color ID 33538 (Yellow International) of SAE AMS-STD-595A listed in Section 106.2.1 to the maximum extent practicable or other color designated by the administrative authority. Where the color is other than yellow, detectable warning surfaces shall contrast visually with adjacent surfaces, either light-on-dark or dark-on-light.

Proposal 11-14-21 AM BC1/AS 2-BC2 editorial?/repeat of below and matching Type A and Type B kitchen
804.2 Clearance. Clearance complying with Section 804.2 shall be provided. ~~Where a pass-through kitchen is provided, clearances shall comply with Section 804.2.1. Where a U-shaped kitchen is provided, clearances shall comply with Section 804.2.2. Kitchens where a cook top or conventional range is not provided shall comply with Section 804.2.3.~~

Exception: Circulation routes into kitchens that do not serve as access to counters, appliances or cabinets shall comply with Section 403.4.

Proposal 08-06-21 AM/AM BC1/AM 2-BC1 (revise) - technical
804.3 Work surface. At least one accessible work surface 30 inches (760 mm) minimum in length shall be provided in accordance with Section 902. The work surface shall be located in accordance with Section 804.5.5.2 or 804.5.5.3. Vertical clearance above the work surface to ~~any obstruction~~ a cabinet, appliance or similar obstruction above shall be 14 inches (355 mm) minimum.

Proposal 06-18-2021 AM/D/AM Reconsideration 1 and 2 (see 604.4) /AS 2-BC1 (deletes new exception) - technical
903.5 Height. The top of the bench seat shall be 17 inches (430 mm) minimum and 20 inches (510 mm) maximum above the floor, measured to the top of the seat.

~~**Exceptions**~~ **Exception:**

1. ~~1.~~ Benches primarily for *children's use* shall be permitted to be 11 inches (280 mm) minimum and 17 inches (430 mm) maximum above the floor, measured to the top of the seat.
2. ~~2. A bench seat which is adjustable in height by the user within the range specified in Section 903.5.~~

Proposal 09-03-2021 AM/AMBC1/AS-2-BC1 (add) technical
904.4.3 Self-service check-out counters. Where self-service check-out counters are provided, the check-out counter surface and built-in scanner shall be 34 inches (864 mm) maximum in height above the floor. The operable parts~~, and the operable parts~~ of scanners, keypads, touch screens, and payment devices shall be located within the reach ranges. Keypads shall comply with Sections 707.5 and 707.6.

Proposal 10-03-2021 AS/AMBC1/AS 2-BC1 (delete exception from current text – scope?)
1009.1.3 Spas. At least one *accessible* means of entry shall be provided for *spas*. *Accessible* means of entry shall comply with swimming pool lifts complying with Section 1009.2; transfer walls complying with Section 1009.4; or transfer systems complying with Section 1009.5.

~~**Exception:** Where *spas* are provided in a cluster, no more than 5 percent, but not less than one *spa* in each cluster shall be required to comply with Section 1009.1.3.~~

[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. Revision 2 changes are indicated by yellow 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 Nutrition and Wellness –

Dietary Supplements

1 General

1.1 Purpose

This standard provides test methods and evaluation criteria for dietary supplement products to allow for the determination that the ingredients in the product are accurately identified, that the product contains the quantity of dietary ingredients and marker constituents declared on the product label, and that the product does not contain unacceptable quantities of contaminants, and to help ensure products do not contain ingredients at levels that pose a serious or undisclosed risk to consumer health.

This standard provides criteria for determining that good manufacturing practices (GMP) were followed in the production of dietary supplements.

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5.2 Quantity

5.2.1 Dietary ingredients

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5.2.1.1 Ingredient acceptability

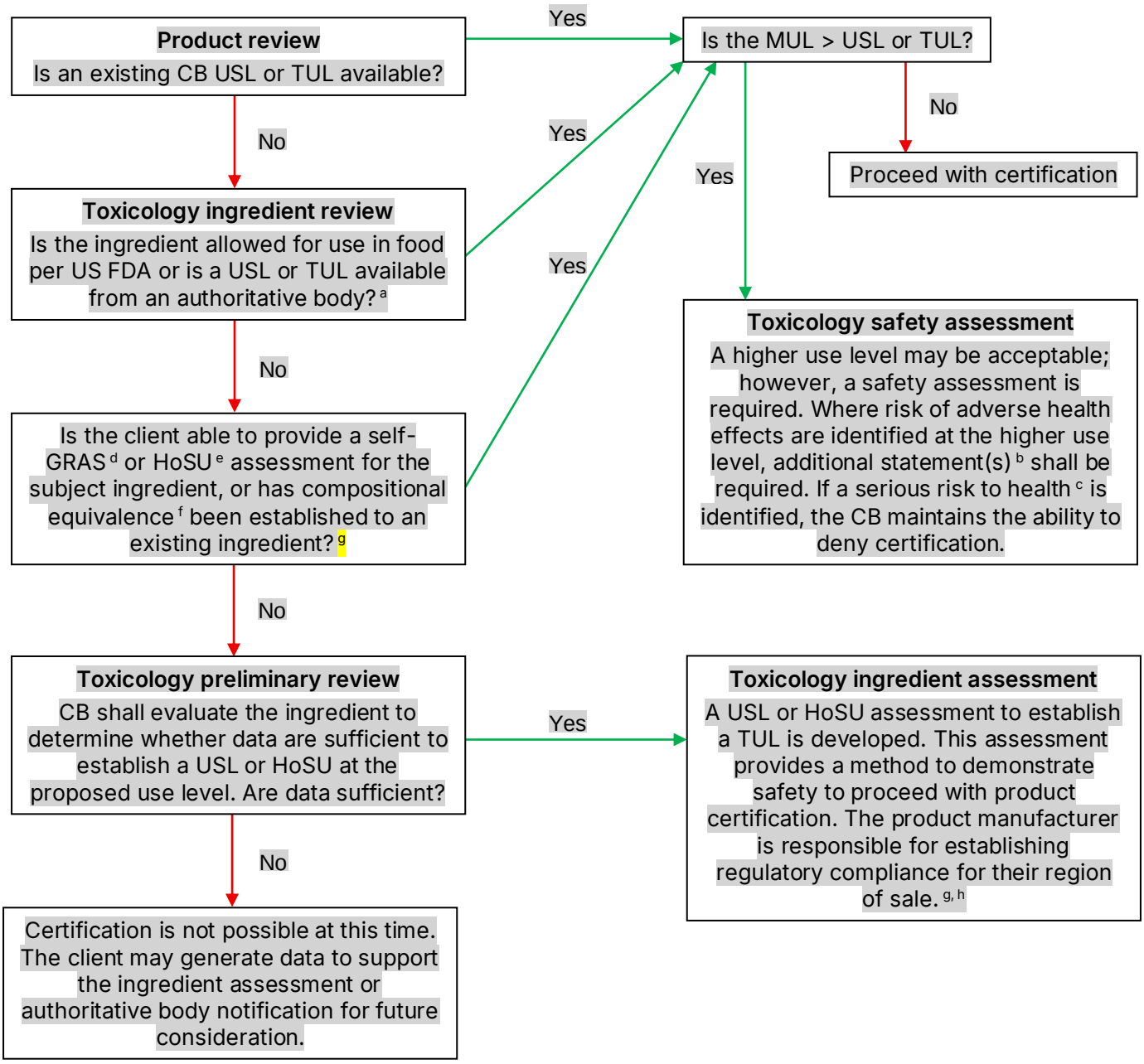
Product ingredients shall be reviewed by the certifying body to help ensure each ingredient can be reasonably expected to be safe for its intended use in dietary supplements. For each dietary ingredient within a product formulation, the dietary ingredient's maximum use level (MUL) shall not exceed established upper safe levels (USLs) or typical use levels (TULs). Please see the ingredient acceptability review process flow chart in Figure X. USLs and TULs shall be relevant to the specified dietary ingredient under the conditions of use indicated on the label for the intended population.

When a USL or TUL from an authoritative body is not available, other scientific assessments may be considered to establish the USL or TUL. USLs shall be based on a scientific review of the available safety data while TULs shall be established using a history of safe use (HoSU) approach and shall be established by a qualified professional who shall assess the safety of the dietary ingredient with reference to relevant specifications. A safety assessment is required when the MUL exceeds the established USL or TUL for the dietary ingredient.

An MUL above the established USL or TUL may be acceptable, with or without additional statements, if a safety assessment can substantiate safe use at the proposed MUL. If a safety assessment identifies a risk of adverse health effects at the MUL, the product label shall include a statement or a reference to a product ingredient disclosure that addresses any relevant health risks identified. The statement shall be agreed upon between the certifying body and the company seeking certification. The certifying body maintains the ability to deny certification if a safety assessment identifies a serious risk to health.

Figure X

Ingredient acceptability review process



Note 1. Prerequisite to the use of this process is that the dietary ingredient has been characterized as to its chemical or botanical identity, source, and manufacturing process in sufficient detail to allow for an ingredient acceptability evaluation by a qualified professional who shall assess the safety of the dietary ingredient with reference to relevant specifications.

Note 2. CB = Certifying Body, HoSU = history of safe use, MUL = maximum use level (maximum daily intake based on the product label), TUL = typical use level, USL = upper safe level

[a] Authoritative body means any global health agency but does not include trade associations or other industry bodies. In addition, the ingredient specification should be consistent with the authoritative review (i.e. source, species, and production process).

[b] Should a safety assessment identify risk of adverse health effects at the MUL, the product label shall include a statement or a reference to a product ingredient disclosure that addresses any relevant health risks identified. The statement shall be agreed upon between the certifying body and the company seeking certification.

[c] Serious risk to health is defined as effects that may result in irreversible damage to the body, physical impairment, hospitalization or that otherwise may increase the risk of life-threatening events.

[d] A full self-affirmed GRAS dossier reviewed by an expert panel may be used to demonstrate safety at the MUL; standalone GRAS statements without supporting documentation are not considered sufficient.

[e] Old dietary ingredient status (ingredients listed per UNPA, CRN, or NNFA) may be used to establish HoSU; however, ODI status shall be substantiated with supporting data.

[f] Compositional equivalence may be established based on chemical analysis, supported by an ingredient fingerprint using NMR, MS, etc.

[g] Client-provided assessments and ingredient assessments need to be independently peer-reviewed by experts qualified to evaluate ingredient safety.

[h] Demonstration of regulatory compliance is not in scope of the standard and is the responsibility of product manufacturers. The interim ingredient assessment is intended to establish safe use of the ingredient to protect consumer health and prevent the certification of unsafe ingredients.

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

NSF/ANSI Standard for Nutrition and Wellness –

Good Manufacturing Practices for Cosmetics

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3 Definitions

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adequate substantiation of safety: tests or studies, research, analyses, or other evidence or information that is considered, among experts qualified by scientific training and experience to evaluate the safety of cosmetic products and their ingredients, sufficient to support a reasonable certainty that a cosmetic product is safe. [21 USC 364d(c)(1)]

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safety assessment data: Information to support the product's safety for intended applications. This support includes but is not limited to relevant chemical data, toxicological review, microbiological studies and exposure assessments.

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

NSF/ANSI/CAN Standard
for Drinking Water Additives –

Drinking Water System Components – Health Effects

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3.1.6 Samples

Samples shall consist of the entire finished product device, a portion(s) / component(s) of the finished product, or a specimen of the material(s). The manufacturer shall have the option to request that the samples represent a product line of varying sizes, as described in Section **Error! Reference source not found.** and~~/or~~ the relevant section of the standard to which the product is being evaluated. When it is necessary to calculate normalization factor(s), the wetted exposed surface area of the sample shall be calculated and recorded prior to testing.

3.1.6.1 Finished products

When a finished product (e.g., pipe, fitting, component, or device) is proposed for evaluation, a sample of the finished product shall be used for testing except in the following specific instances:

— concrete cylinders, cubes, or other concrete surrogate samples may be evaluated on behalf of concrete lined pipes and other concrete-based products;

— coatings, applied to the appropriate substrate, may be evaluated on behalf of products whose entire water contact surface is covered by the coating; or

— finished products shall be permitted to be evaluated using material samples if a finished product evaluation is impractical for one or more of the following reasons:

- an internal volume > 20 L (5.3 gal);
- a filled weight > 34 kg (75 lb); ~~or~~
- *in situ* manufacture of the finished product; or
- testing of individual alternate components is ~~required~~ necessary supplemental to finished product testing.

Material samples shall be permitted to be evaluated on behalf of a finished product if no chemical or physical difference exists between the material sample and the material as represented in the finished product. All material samples shall be produced using the same manufacturing processes as the finished product.

3.1.6.2 Materials

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BSR/UL 217, Standard for Safety for Smoke Alarms

1. Commercial Vehicle Cabin Inclusion

2. Smoke Alarm Shipment

1. Commercial Vehicle Cabin Inclusion

PROPOSAL

1.1 These requirements cover electrically operated single and multiple station smoke alarms intended for open area protection in indoor locations and portable smoke alarms used as "travel" alarms in accordance with:

a) In Canada:

1) Installation of Smoke Alarms, ULC 553;

2) National Building Code of Canada; and

3) National Fire Code of Canada.

b) In the United States:

1) National Fire Alarm and Signaling Code, NFPA 72;

2) Standard for Recreational Vehicles, NFPA 501C, for smoke alarms intended for use in recreational vehicles;

3) For smoke alarms intended for use in recreational boats:

i) Fire Protection Standard for Pleasure and Commercial Motor Craft, NFPA 302, ii) AC and DC Electrical Systems on Boats, ABYC E-11, and

iii) The applicable regulations of the United States Coast Guard.

4) Commercial vehicles as defined in 6.3A.

~~a) National Fire Alarm and Signaling Code, NFPA 72;~~

~~b) Standard for Recreational Vehicles, NFPA 501C, for smoke alarms intended for use in recreational vehicles;~~

~~c) For smoke alarms intended for use in recreational boats:~~

~~1) Fire Protection Standard for Pleasure and Commercial Motor Craft, NFPA 302,~~

~~2) AC and DC Electrical Systems on Boats, ABYC E-11, and~~

~~3) The applicable regulations of the United States Coast Guard.~~

~~d) Commercial vehicles as defined in 6.3A.~~

6 Glossary

6.3A COMMERCIAL VEHICLES (US Only) – US GVWR (Gross Vehicle Weight Rating) Class 6 – 8 as defined by the United States Code (U.S.C.) Title 49 – Transportation Subtitle VI – Motor Vehicle And Driver Programs, Part B – Commercial.

6.3B COMMERCIAL VEHICLE CABIN (US Only) - Enclosed space in a commercial vehicle that is occupied by the driver and/or passengers.

41.5 Battery powered (primary or secondary) smoke alarms

41.5.6 In the US only - Primary power for smoke alarms intended for use in commercial vehicle cabins shall be provided with a permanently sealed, non-replaceable battery installed within the smoke alarm, and not from an external AC or DC power source.

85.1.2 Smoke entry and functional (Go/no-go) field test – with aerosol stimuli (for the smoke sensor)

85.1.2.1 Two smoke alarms, one at maximum and one at minimum sensitivity, shall operate at their intended signaling performance, and each smoke alarm's sensitivity shall not shift by more than specified in 38.3, Sensitivity shift criteria, after being subjected to 50 alarm and restoration cycles of the manufacturer's specified (go/no-go) functional field test method for smoke entry. When conducting this test, smoke, aerosol, and/or a representative smoke source as defined by the manufacturer shall be used. The samples are to be energized with rated voltage and subjected to the (go/no-go) functional test at a rate of not more than one field test per 30 minutes.

NOTE: Where smoke entry into the smoke alarm is not applicable the manufacturer's specified test method shall be utilized.

85.1.2.2 Following the successful completion of the (go/no-go) field test these samples shall be subjected to the Dust Test, Section 69.

85.1.3.5 The ~~alternative~~ self - test method shall be supervised. Failures preventing operation of the test method specified in 85.1.3 shall generate a trouble signal.

101 General

101.6 Detailed information shall be provided regarding the Smoke Entry and Functional Test means as defined in 85.1 and 85.1.3. Typical information that shall be provided (when applicable) includes:

a) Brief description of operation of the Smoke Entry and Functional Test means;

b) Instructions on how to operate Smoke Entry and Functional Test and what test results can be expected and where they can be evaluated;

c) Explanation how the traditional “canned smoke” methods are used in conjunction with this test.

~~Note: information is permitted to be provided in the control panel published instructions if the test is initiated from the control unit.~~

2. Smoke Alarm Shipment

PROPOSAL

97 Smoke Alarm Shipment

97.1 The battery intended to be employed with the alarm shall be shipped from the factory with the alarm in the same package. Audible signals shall be disabled to prevent the smoke alarm evacuation signal or trouble signals during shipping. Battery capacity used during shipping shall be estimated and included in the required battery life calculations.

BSR/UL 588, Standard for Safety for Seasonal and Holiday Decorative Products

1. Optional Lamp Replacement Instructions for LED series-connected Lighting Strings

PROPOSAL

125.3 Products employing lamps

125.3.6 A decorative outfit which employs less than 8 miniature lamps (see Exception No. 2 to 31.1), a decorative outfit or series connected string with less than 20 push-in or midget-screw lampholders, or a series-connected product employing lamps not provided with lamp shunts, shall be marked as follows: "CAUTION – Replace lamps only with ____ volt, ____ watt spare lamps provided with this product." The blanks shall be filled in with the voltage and wattage of the replacement lamps. For products employing LED lamps with more than one rating, the marking is permitted to be ~~repeated~~ modified to indicate the additional ratings for each type of lamp installed in the product and matching ~~additional~~ replacement spare lamp provided with the product.

2. Series-Connected LED Lamps employing Dumet Wire

2 Glossary

2.49 WIRE, DUMET - Dumet is a glass-to-metal sealing alloy. It is a bimetal made of a nickel-iron core encased in a copper sheath and an optional nickel plating. Dumet wire is used as a glass-to-metal seal in manufacturing of lamps, diodes, and other electronic components.

4. Battery Circuit Clarification

PROPOSAL

18A.3 Battery circuits

18A.3.1 These requirements apply to battery-operated seasonal products. ~~Common~~ Ssizes and types of batteries that measure 15 watts or less are shown in Table 18A.1. The measured power output of a battery not included in the table shall be less than 50 watts as determined by the Component Power Measurement Test, Section 49. Where the batteries provide more than 15 watts and less than 50 watts as determined by the Component Power Measurement Test, Section 49, the wiring shall comply with 18A.4.3 – 18A.4.~~5~~. Batteries shall not be connected in parallel.

Table 18A.1
~~Common~~ Battery sizes and types of batteries that measure 15 watts or less

5. Clarification of the Requirements for Series-connected Lampholders

PROPOSAL

22.2 Series-connected

Table 22A
Series-connected Lampholder Requirements Summary

Requirement	Replaceable Lampholders	Non-Replaceable Lampholders			
	~~Molded Type~~	Molded Type	Non-Molded Type		
			Polymeric material enclosing tubing	Tubing Enclosing Live Parts	Insulator between uninsulated lamp leads
Flammability Classification	SC-0, SC-1	SC-0, SC-1	SC-0, SC-1	NA	V-0, V-1
UL1694 Needle Flame Test	Applies	Applies	Applies	NA	NA
UV requirements	Applies to indoor/outdoor use lighting strings	Applies to indoor/outdoor use lighting strings	Applies to indoor/outdoor use lighting strings	NA	NA
Temperature Rating (minimum)	90 °C	90 °C	90 °C	90 °C	Suitable for the Application
Tensile Strength (UL224)	NA	NA	NA	Applies	NA
Copper Corrosion Test (UL224)	NA	NA	NA	Applies when tubing is in contact with uncoated copper	NA

6. Wiring Device - Non-Standardized Connector Clarification

RATIONALE

Responses to comments have been posted within the UL 588 Ballot & Commenting Work Area dated 2025-07-25. No changes have been made to the previously proposed revision.

Note that the recirculation of comments is intended solely to provide TC members with the opportunity to review the comments and responses and to either reconsider their vote or cast a first-time vote. New comments on the previously proposed revision for this Topic will not be provided with a specific response. Any additional desired changes should be submitted as a new proposal request via CSDS.

BSR/UL1650, Standard for Safety for Portable Power Cable

PROPOSALS

1. Align Number of Conductors in Type G-GC with the NEC, Revised 5.2 and Table 8.1

5.2 Portable power cables shall consist of the following circuit, grounding and ground-check conductors:

a) Type G – Contains two to six circuit conductors and a grounding conductor. The grounding conductor is either bare or covered with a green-colored braid or tape or extruded layer, and may either be a single conductor or be sectioned into two or more parts.

b) Type G-GC – Contains three to six circuit conductors, a grounding conductor and a ground-check conductor. The grounding conductor is either bare or covered with a green-colored braid or tape or extruded layer and may either be a single conductor or be sectioned into two or more parts. ~~Same as Type G except that the cable also contains one~~ The ground check conductor is 12 AWG (3.31 mm^2) or larger and yellow ~~conductor which is used as a ground check~~.

c) Type W – Contains one to six circuit conductors and may or may not contain a grounding conductor in cables with three or more conductors. If included, the grounding conductor is fully insulated and colored green.

d) Type PPE – Contains one to six circuit conductors and may or may not contain a grounding conductor in cables with three or more conductors. If included, the grounding conductor is fully insulated and colored green.

For brevity, only a portion of Table 8.1 is shown.

Table 8.1
Portable power cable

	Type			
	G	**G-GC**	**W**	**PPE**
Size of conductors, AWG (mm^2)	12 AWG – 500 kcmil (3.31 – 253)	12 AWG – 500 kcmil (3.31 – 253)	12 AWG – 1000 kcmil (3.31 – 507)	12 AWG – 500 kcmil (3.31 – 253)
Number of circuit conductors	2 – 6	3 – 6	1 (12 AWG – 1000 kcmil) 2 – 6 (12 AWG – 500 kcmil)	1 – 6
Grounding conductor, Clause	7.4	7.4	Optional 7.4 (for three or more conductors only)	Optional 7.4 (for three or more conductors only)
Ground check conductor, Clause		7.4.3		

2. Change to the FT5 Flame Test Method, Revised 8.8.1

8.8.1 Finished cables shall be tested in accordance with the FT5 test as described in UL 2556 ~~Code of Federal Regulations, 30 CFR § 7.407~~. Upon completion of the test, the duration of burning shall not exceed 240 seconds, and the length of the burned (charred) area shall not exceed 6 inches.

BSR/UL 1821, Standard for Thermoplastic Sprinkler Pipe and Fittings for Fire Protection Service

1. Revisions to Standard Sections 9.7, 9.8, 12.1, 20.2A, 21.2A, 23.4, 24.2A, 24.4, Figure 24.1, 25.2A, 26.2A, 31.7, Figure 31.1, Figure 31.2, 31.8, and 31.9, Tables 27.1 and 28.1.

PROPOSAL

9.7 Thermoplastic pipe and fittings may utilize non-contaminated, clean regrind material from the manufacturer's production facilities where the regrind is of the same material formulation. This includes use of acceptable regrind material between manufacturing locations for a specific manufacturer.

19.1 Samples of each size of pipe are to be conditioned at 0, 32, and 70°F (minus 18, 0, and 21.1°C) for 24 hours. Immediately after conditioning, each pipe sample is to be subjected to an impact by a 2 pounds-mass (0.9 kg) weight in the form of a 1.25 inch (31.7 mm) diameter steel cylinder with a flat impact face having rounded edges. The impact value is to be 10 foot-pounds (13.5 J) for pipe sizes up to and including 1 NPS and 15 foot-pounds (20.3 J) for pipe sizes larger than 1 NPS. The impact testing is to be conducted at room temperature on each sample (within 5 minutes of their removal from the conditioning temperature) in accordance with the method described in the Standard Test Method for Determination of the Impact Resistance of Thermoplastic Pipe and Fittings by Means of a Tup (Falling Weight), ASTM D2444.

BSR/UL 2416, Standard for Safety for Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems

1. 508C Withdrawal and Replacement with 61800-5-1

PROPOSAL

Appendix A (Normative)
Standards for Components

Standards under which components of the products covered by this standard are evaluated include the following:

Title of Standard – UL Standard Designation

Adjustable Speed Electrical Power Drive Systems – Part 5-1: Safety Requirements – Electrical, Thermal, and Energy, UL 61800-5-1
Attachment Plugs and Receptacles – UL 498
Audible Signal Appliances – UL 464
…
Positioning Devices – UL 1565
~~Power Conversion Equipment – UL 508C~~
Power Units Other Than Class 2 – UL 1012
…

Standard: UL/ULC 2152
Standard Title: Standard for Special Purpose Nonmetallic Containers and Tanks for Specific Combustible or Noncombustible Liquids

Date of Proposal: September 26, 2025
Comments Due: October 27, 2025

SUMMARY OF TOPICS

The following is being recirculated for your review:

2. Allowance for Specific Fuel Ratings

Need access to the full standard or a standard this proposal references? Click here to learn more about accessing our Standards. Technical Committee (TC) Members can find the latest copy of the standard from the My TCs page in our Collaborative Standards Development System (CSDS).

For your convenience in review, proposed additions to the previously proposed requirements dated 2025-04-25 are shown underlined and proposed deletions are shown ~~lined-out~~.

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2. Allowance for Specific Fuel Ratings

RATIONALE

Proposal submitted by: Brian Orr, UL Solutions

In 38.3a and 38.4a, the rating may indicate compatibility with multiple liquids or a specific liquid; adjust wording to allow for either.

Note from PM:
Responses to comments have been posted within the UL/ULC 2152 Ballot & Commenting Work Area dated 2025-04-25 .

PROPOSAL

38.3 The additional markings on Lube oil tanks shall include the following:
a) “Nonmetallic Tank for + ~~Lube Oils~~”, where "+" is "Lube Oils", "Motor Oils", or "Working Oils" based on the stored liquid(s) for which the tank was evaluated per 10.1(c);

38.4 The additional markings on Vehicle fluid tanks shall include the following:
a) “Nonmetallic Tank for + ~~Vehicle Fluids~~”, where "+" is "Vehicle Fluids", "Antifreeze", "Washer Fluid", "DEF", and/or "(++)" based on the stored liquid(s) for which the tank was evaluated per 10.1(d);
