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CONTENTS

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Project Initiation Notification System (PINS)

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

AGMA (American Gear Manufacturers Association)

Todd Praneis <praneis@agma.org> | 1001 N. Fairfax Street, Suite 500 | Alexandria, VA 22314 www.agma.org

Revision

BSR/AGMA 1010-Gxx, Appearance of Gear Teeth – Terminology of Wear and Failure (revision of ANSI/AGMA 1010-F14 (R2025))
Stakeholders: Manufacturers and users of gears and gearboxes.

Project Need: Update the standard to reflect the current state of the art.

Interest Categories: Manufacturers – Those companies that produce gearing and flexible couplings for use by others; Users – Those companies that use gearing in their products; General interest parties – Others that are interested in gear standardization, such as academicians, consultants, and equipment suppliers to the industry (tool, lubricant, material suppliers, etc.)

This nomenclature standard identifies and describes the classes of common gear failures and illustrates degrees of deterioration.

ASIS (ASIS International)

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

Revision

BSR/ASIS WVPI AA-202x, Workplace Violence and Active Assailant - Prevention, Intervention, and Response (revision of ANSI/ASIS WVPI AA-2020)
Stakeholders: Security personnel, legal counsel, human resource practitioners, law enforcement personnel, and threat/violence risk managers, business owners and executive level managers, employee assistance programs, not for profit organizations and foundations, educational institutions, government agencies and organizations, etc.

Project Need: Implementing a workplace violence prevention program is essential for all types of organizations. Workplace violence causes harm, disrupts operations, and creates an environment of fear and uncertainty. This standard is in need of updates to continue to provide best practices for the development of a workplace violence prevention program to support a secure working environment.

Interest Categories: (1) General Interest; (2) Producers/Service Providers: (3) Users/Managers

This Standard outlines requirements and guidance for the development of a workplace violence prevention and intervention (WVPI) program. It provides an overview of policies, processes, and protocols that organizations can adopt to help identify, assess, respond to, and mitigate threatening or intimidating behavior and violence affecting the workplace. It describes the implementation of a WVPI program and personnel within organizations who typically become involved in prevention and intervention efforts. In addition, the Standard provides guidance relative to prevention, intervention and response to incidents involving an active assailant/active shooter.

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 Z5030-202x, Residential Equipment Cold Load Pick Up Management (new standard)
Stakeholders: Utility companies; Original Equipment Manufacturer; end user

Project Need: Demand Response (DR) and Automated Demand Response (ADR) have been identified as important tools peak load management and shifting efforts. Whereas traditional demand response focuses on peak demand reduction (also called “load shedding”), the current definition of demand response (DR) resources has expanded to include flexible loads that can be shifted and modulated with Federal Energy Regulatory Commission (FERC) Order No. 2222. This order, published in 2020, is a path for new and potentially increased distributed energy resources (DER) value through a range of grid services for regional transmission organizations (RTOs) and independent system operators (ISOs) including capacity value, energy value, energy arbitrage, ancillary service (including contingency reserves, ramping, and frequency regulation) and voltage support. The more frequent natural disasters have also posed great challenges to enhancing the resilience of power systems. Furthermore, intelligent coordination of load and supply, known as “non-wired alternatives” (NWA), can also defer or avoid the capital costs for transmission and distribution upgrades. The upgrade cost for medium- and low-voltage distribution feeder will be mainly driven by coincidence peak load when a grid section is re-energized after an interruption. The load can be 2 times higher than normal, and the phenomenon is known as Cold Load Pick Up.

Interest Categories: Product interest; User interest; General interest; Regulatory authority

This Standard describes Cold Load Pick Up Management performance and testing procedures to help standardize CLPUM requirements in the residential sector based on the loss of load diversity and intervention level (level 1: passive, level 2: active), to support grid management.
This Standard is intended to be used by power utility companies, aggregators, original equipment manufacturers (OEMs) and Home Energy Management Systems (HEMS). This standard is also intended to be used by 3rd party certification bodies.
This standard defines testing and performance specifications for residential equipment CLPUM as a grid service both in its passive and active forms. The standard focuses on the following technologies: Unidirectional Level 2 and above EV Chargers, space cooling and heating systems, water heaters and home energy management systems.
This standard applies to residential equipment CLPUM for unidirectional Level 2 and above EV chargers, space cooling and heating systems, water heaters and home energy management systems installed and/or used in the residential sector.
The standard does not apply to analog (bi-metallic) thermostats. Finally, this standard will not address the in-rush current phase of the CLPUM.

ULSE (UL Standards and Engagement)

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

National Adoption

BSR/UL 62841-2-22-202x, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 2-22: Particular requirements for hand-held cut-off machines (identical national adoption of IEC 62841-2-22:2025)

Stakeholders: Consumers and manufacturers of hand-held cut-off machines

Project Need: To obtain standard recognition for this new Standard covering requirements for hand-held cut-off machines with the adoption of IEC 62841-2-22. The adoption of this Standard is intended to harmonize terminology, design & construction specifications, and test methods used for verification of safety requirements related specifically to hand-held cut-off machines. The adoption of this Standard is important to advance the harmonized international based safety requirements to ensure products produced in the United States or imported are delivering the same safety certified products.

Interest Categories: AHJ, Commercial/Industrial Users, Consumers, General, Government, International Delegate, Producers, Supply Chain and Testing & Standards Organizations.

This International Standard provides safety requirements for hand-held cut-off machines.

Call for Comment on Standards Proposals

American National Standards

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

Comment Deadline: September 21, 2025

NSF (NSF International)

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

Revision

BSR/NSF 40-202x (i62r2), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2023)
This standard contains minimum requirements for residential wastewater treatment systems having rated treatment capacities between 1,514 LPD (400 GPD) and 5,678 LPD (1,500 GPD). Management methods for the treated effluent discharged from residential wastewater treatment systems are not addressed by this standard.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Shannon McCormick <smccormick@nsf.org>

NSF (NSF International)

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

Revision

BSR/NSF 42-202x (i135r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2023)
The point-of-use (POU) and point-of-entry (POE) systems addressed by this standard are designed to be used for the reduction of specific substances that may be present in drinking water (public or private) considered to be microbiologically safe and of known quality. Systems covered under this standard are intended to address one or more of the following: reduce substances affecting the aesthetic quality of the water, add chemicals for scale control, or limit microbial growth in the system (bacteriostatic).
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Monica Milla <mmilla@nsf.org>

Comment Deadline: September 21, 2025

NSF (NSF International)

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

Revision

BSR/NSF 46-202x (i47r2), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2022)
This standard is intended for use with components and devices not covered by other NSF wastewater standards. Components and devices covered by this Standard are intended for use with greywater or blackwater, or both.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Shannon McCormick <smccormick@nsf.org>

NSF (NSF International)

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

Revision

BSR/NSF 140-202x (i37r1), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2024)
This standard is intended to enable organizations throughout the carpet supply chain to apply performance requirements to achieve sustainable attributes and demonstrate compliance with levels of achievement through quantifiable metrics.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Shannon McCormick <smccormick@nsf.org>

NSF (NSF International)

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

Revision

BSR/NSF 173-202x (i119r1), 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 | smccormick@nsf.org, www.nsf.org

Revision

BSR/NSF 245-202x (i39r2), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2023)
This standard contains minimum requirements for residential wastewater treatment systems having rated treatment capacities of 1,514 LPD (400 GPD) to 5,678 LPD (1,500 GPD) that are designed to provide reduction of nitrogen in residential wastewater.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Shannon McCormick <smccormick@nsf.org>

Comment Deadline: September 21, 2025

NSF (NSF International)

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

Revision

BSR/NSF 350-202x (i83r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2023)
This standard contains minimum requirements for onsite residential and commercial water reuse treatment systems. Systems include greywater treatment systems; residential wastewater treatment systems; and commercial treatment systems.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Shannon McCormick <smccormick@nsf.org>

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 854-2024 (R202x), Standard for Safety for Service-Entrance Cables (revision of ANSI/UL 854-2024)
Aging Conditions for the Durability of Print Test, Revised 37.3.2
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 Ave, Suite 20000, Evanston, IL 60201 | Susan.P.Malohn@ul.org, https://ulse.org/

Revision

BSR/UL 3741-202x, Standard for Photovoltaic Hazard Control (revision of ANSI/UL 3741-2020)
(1) Revisions to clarify and correct various requirements to reflect current practice.
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.org/ProposalAvailable

Comment Deadline: October 6, 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 Std 207-202x, Standard for Collection and Preservation of Document Evidence (new standard)
This standard provides the requirements for the collection and preservation of document evidence and related items (materials and equipment used to produce questioned documents) during investigations.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: https://www.aafs.org/academy-standards-board
Send comments (copy psa@ansi.org) to: asb@aafs.org

Comment Deadline: October 6, 2025

ABMA (ASC B3) (American Bearing Manufacturers Association)

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

Reaffirmation

BSR ABMA 9-2015 (R202x), Load Ratings and Fatigue Life for Ball Bearings (reaffirmation of ANSI ABMA 9-2015 (R2020))
This standard specifies a method for calculating basic dynamic load rating, basic rating life, and basic static load rating for ball bearings.
Single copy price: $55.00
Obtain an electronic copy from: olson@americanbearings.org
Send comments (copy psa@ansi.org) to: Phillip Olson <olson@americanbearings.org>

ABMA (ASC B3) (American Bearing Manufacturers Association)

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

Reaffirmation

BSR/ABMA 10A-2001 (R202x), Metal Balls for Unground Bearings and Other Uses (reaffirmation of ANSI/ABMA 10A-2001 (R2020))
This standard establishes the requirements for metal balls for unground rolling contact bearings and other uses.
Single copy price: $55.00
Obtain an electronic copy from: olson@americanbearings.org
Send comments (copy psa@ansi.org) to: Phillip Olson <olson@americanbearings.org>

ABMA (ASC B3) (American Bearing Manufacturers Association)

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

Reaffirmation

BSR/ABMA 11-2014 (R202x), Load Ratings and Fatigue Life for Roller Bearings (reaffirmation of ANSI/ABMA 11 -2014 (R2020))
This standard specifies a method for calculating basic dynamic load rating, basic rating life, and basic static load rating for roller bearings.
Single copy price: $55.00
Obtain an electronic copy from: olson@americanbearings.org
Send comments (copy psa@ansi.org) to: Phillip Olson <olson@americanbearings.org>

ABMA (ASC B3) (American Bearing Manufacturers Association)

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

Reaffirmation

BSR/ABMA 19.2-2013 (R202x), Tapered Roller Bearings, Radial Inch Design (reaffirmation of ANSI/ABMA 19.2 -2013 (R2020))
This standard covers inch-design radial tapered roller bearings of various types, part numbering systems, boundary dimensions, tolerances, and fitting practices. Tapered roller thrust bearings are covered in a separate ABMA standard. General ABMA standards which apply to various types of bearings should be consulted for tolerance definitions, gauging practices, mounting accessories, and method of evaluating load ratings.
Single copy price: $55.00
Obtain an electronic copy from: olson@americanbearings.org
Send comments (copy psa@ansi.org) to: Phillip Olson <olson@americanbearings.org>

Comment Deadline: October 6, 2025

ACP (American Clean Power Association)

1299 Pennsylvania Ave. NW, Suite 1300, Washington, DC 20004 | dbrown@cleanpower.org, www.cleanpower.org

New Standard

BSR/ACP 1002-202x, Offshore Wind Safety Recommended Practices (new standard)
This Recommended Practices document, developed by the Offshore Safety Subcommittee of the American Clean Power Association's (ACP) Environmental Health and Safety Standards Committee, outlines current knowledge of safety risks and mitigation strategies related to in-water and aviation activities throughout the lifecycle of offshore wind projects on the U.S. Outer Continental Shelf. Drawing on global offshore wind experience, U.S. offshore industries, and land-based wind operations, the document is intended to support the development of internal safety policies and safety management systems (SMSs) for regulatory submissions. It is not a template SMS, but rather a detailed supplement focused on offshore wind-specific hazards and risk controls within the broader safety framework.
Single copy price: Free
Obtain an electronic copy from: https://cleanpower.org/standards-development/
Send comments (copy psa@ansi.org) to: standards@cleanpower.org

AISC (American Institute of Steel Construction)

130 E. Randolph Street, Suite 2000, Chicago, IL 60601-6204 | gonner@aisc.org, www.aisc.org

Revision

BSR/AISC 370-202x, Specification for Structural Stainless Steel Buildings (revision of ANSI/AISC 370-2021)
This standard applies to the design, fabrication, and erection of austenitic and duplex stainless steel:
- sections made from annealed sheet, strip and plate that have not been subsequently cold formed or rolled;
- hollow structural sections;
- round and square bar, annealed and cold-finished; and
- hot-rolled or extruded shapes.

It also applies to precipitation hardening stainless steel bar.
Single copy price: $35.00
Obtain an electronic copy from: www.aisc.org/publicreview
Send comments (copy psa@ansi.org) to: Nathaniel Gonner at gonner@aisc.org

APA (APA - The Engineered Wood Association)

7011 South 19th Street, Tacoma, WA 98466-5333 | Eric.Gu@apawood.org, www.apawood.org

Revision

BSR APA 117-202x, Standard Specification for Structural Glued Laminated Timber of Softwood Species (revision of ANSI 117-2020)
ANSI APA 117 is a specification providing reference design values and layup requirement for glulam manufactured with softwood species. It applies to structural glued laminated timber (glulam) used in building structures.
Single copy price: Free
Obtain an electronic copy from: https://www.apawood.org/ansi-117
Send comments (copy psa@ansi.org) to: Eric Gu <Eric.Gu@apawood.org>

Comment Deadline: October 6, 2025

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

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

Addenda

BSR/ASHRAE Addendum b to ANSI/ASHRAE Standard 140-2023, Method of Test for Evaluating Building Performance Simulation Software (addenda to ANSI/ASHRAE Standard 140-2020)
This addendum updates several sections and annexes and adds substantive Section 13 “Building Thermal Fabric Empirical Validation Tests.”
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

AWWA (American Water Works Association)

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

Revision

BSR/AWWA B501-202x, Sodium Hydroxide (revision of ANSI/AWWA B501-2019)
This standard describes sodium hydroxide, anhydrous and liquid, for use in the treatment of potable water, wastewater, or reclaimed water.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson; polson@awwa.org

B11 (B11 Standards, Inc.)

179 Haw Creek Mews Dr. , Asheville, NC 28805 | cfelinski@b11standards.org, https://www.b11standards.org/

Reaffirmation

BSR B11.9-2010 (R202x), Safety Requirements for Grinding Machines (reaffirmation of ANSI B11.9-2010 (R2020))
This standard applies to all stationary grinding machines, used in either industrial or commercial applications that utilize an abrasive product to change the shape, size, or surface finish of any material. This standard also applies to these machines when they are grinding materials other than metals such as glass, ceramics, plastics, and rubber. Excluded from the requirements of this standard are: portable hand-held grinding machines, machines using loose abrasives, machines used in woodworking applications, or machines used for concrete cutting in road construction. Also, this standard does not apply to honing machines, lapping machines, polishing machines, or belt grinding machines.
Single copy price: $89.00
Obtain an electronic copy from: cfelinski@b11standards.org
Send comments (copy psa@ansi.org) to: David Felinski <dfelinski@b11standards.org>

Comment Deadline: October 6, 2025

CPLSO

The Marchioness Building, Commercial Road, Bristol BS16TG, UK BS1 6TG | pratt.hugh@cplso.org

Reaffirmation

BSR/CPLSO-14-2016 (R202x), Crane Insulators (reaffirmation of ANSI/CPLSO-14-2016 (R2021))
This standard is applicable to crane insulators, not limited to but including as example, for use by the construction industry including tag line insulating links, in foundries, and for radio frequency by guy strain insulators. This standard specifies the characteristic mechanical and electrical performance levels required for these insulating devices.
Single copy price: Free
Obtain an electronic copy from: pratt.hugh@cplso.org
Send comments (copy psa@ansi.org) to: Same

CPLSO

The Marchioness Building, Commercial Road, Bristol BS16TG, UK BS1 6TG | pratt.hugh@cplso.org

Reaffirmation

BSR/CPLSO 15-2017 (R202x), Proximity Warning Devices (reaffirmation of ANSI/CPLSO 15-2017 (R2021))
This Standard is applicable to high voltage warning devices for cranes but not limited to but including, as example, for use by the broadcasting, mining, farming and construction industry including Proximity Warning Devices, (PWD). This Standard specifies the characteristic mechanical and electrical performance levels required for these devices.
Single copy price: Free
Obtain an electronic copy from: pratt.hugh@cplso.org
Send comments (copy psa@ansi.org) to: Same

CPLSO

The Marchioness Building, Commercial Road, Bristol BS16TG, UK BS1 6TG | pratt.hugh@cplso.org

Reaffirmation

BSR/CPLSO 18-2021 (R202x), Crane Insulators, Selection, Use, and Maintenance (reaffirmation of ANSI/CPLSO 18-2021)
To provide a national ANSI standard covering selection, use, and maintenance of crane insulators, for use by but not limited to, the construction industry including tag-line insulating links, in foundries, and for radio-frequency suppression.
Single copy price: Free
Obtain an electronic copy from: pratt.hugh@cplso.org
Send comments (copy psa@ansi.org) to: Same

ESTA (Entertainment Services and Technology Association)

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

New Standard

BSR/ES1.43-202x, Event Safety - Material Handling (new standard)
This standard addresses provision, availability and use of safe material handling procedures, equipment, training & planning at special events. It will help identify and assess specific material handling hazards specific to the event environment, and help the reader to understand how lack of planning, appropriate equipment, and training can negatively impact life safety at an event.
Single copy price: Free
Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php
Send comments (copy psa@ansi.org) to: Richard Nix <standards@esta.org>

Comment Deadline: October 6, 2025

ULSE (UL Standards and Engagement)
12 Laboratory Drive, Research Triangle Park, NC | akhira.watson@ul.org, https://ulse.org/

New Standard

BSR/UL 489i-202x, Standard for Solid State Circuit Breakers (new standard)
A proposed First Edition for UL 489i, Standard for Solid State Circuit Breakers, which includes the following: (1) Capacitive Circuit Discharge Test.
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)
47173 Benicia Street, Fremont, CA 94538 | Linda.L.Phinney@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 44-2021 (R202x), Standard for Safety for Thermoset-Insulated Wires and Cables (reaffirmation of ANSI/UL 44-2021)
Reaffirmation of the 19th Edition of UL 44, the Standard for Safety for Thermoset-Insulated Wires and Cables.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)
12 Laboratory Dr, Research Triangle, NC 27709 | anastasia.letaw@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 697-2012 (R202x), Standard for Safety for Toy Transformers (reaffirmation of ANSI/UL 697-2012 (R2021))
Reaffirmation of UL 697 which covers toy transformers designed to be used on nominal 120-V branch circuits.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)
12 Laboratory Dr, Research Triangle, NC 27709 | anastasia.letaw@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 61215-2-2021 (R202x), Standard for Safety for Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval - Part 2: Test Procedures (reaffirm a national adoption ANSI/UL 61215-2-2021)
Reaffirmation and continuance of the Second Edition of the Standard for Safety for Terrestrial Photovoltaic (PV) Modules – Design Qualification and Type Approval – Part 2: Test Procedures, UL 61215-2, as an American National Standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

Comment Deadline: October 6, 2025

ULSE (UL Standards and Engagement)

12 Laboratory Dr, Research Triangle, NC 27709 | anastasia.letaw@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 61215-1-1-2021 (R202x), Standard for Safety for Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval - Part 1-1: Special Requirements for Testing of Crystalline Silicon Photovoltaic (PV) Modules (reaffirm a national adoption ANSI/UL 61215-1-1-2021)
Reaffirmation and continuance of the Second Edition of the Standard for Safety for Terrestrial Photovoltaic (PV) Modules – Design Qualification and Type Approval – Part 1-1: Special Requirements for Testing of Crystalline Silicon Photovoltaic (PV) Modules, UL 61215-1-1, as an American National Standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 162-202x, Standard for Foam Equipment and Liquid Concentrates (revision of ANSI/UL 162-2024)
(1) Electronic proportioning; (2) Clarification of Separation Test
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

ULSE (UL Standards and Engagement)

12 Laboratory Dr, Research Triangle, NC 27709 | anastasia.letaw@ul.org, https://ulse.org/

Revision

BSR/UL 1236-202x, Standard for Safety for Battery Chargers for Charging Engine-Starter Batteries (revision of ANSI/UL 1236-2016 (R2021))
Proposed New Edition (9th Edition) for UL 1236 which covers battery chargers rated 600 volts or less and intended for household or commercial use to charge lead-acid engine-starter and other starting, lighting, and ignition (SLI) type batteries, in accordance with the NEC. The requirements also cover a battery charger intended to be permanently installed on a boat.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

Comment Deadline: October 6, 2025

ULSE (UL Standards and Engagement)

1603 Orrington Ave, Evanston, IL 60201 | erin.webber@ul.org, https://ulse.org/

Revision

BSR/UL 2017-202x, Standard for General-Purpose Signaling Devices and Systems (revision of ANSI/UL 2017 -2018 (R2024))
The following topics are proposed for changes to the next revision of UL 2017:
- Standard References in the Communication Circuits Section;
- remove leakage fail criteria in the Dielectric Voltage-Withstand Test;
- revisions to the Signal Circuit Transients Test and Alternate Method;
- New Type MM (Maintenance Monitored) device or systems, installation information in electronic format;
- RF tests on products employing spread spectrum technology, or permitting only one device at a time to communicate on the wireless network;
- withdrawal and replacement of ANSI/ISA MC96.1, Temperature-Measurement Thermocouples; and
- withdrawal and replacement of ANSI/ISA MC96.1, Temperature-Measurement Thermocouples, and Jarring Ball Size Discrepancy in 43.2.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 2800-1-202x, Standard for Safety for Medical Device Interoperability (revision of ANSI/AAMI/UL 2800-1 -2022)
Proposed New Edition (3rd) of UL 2800-1.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
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

Comment Deadline: October 21, 2025

ULSE (UL Standards and Engagement)

100 Queen Street, Suite 1040, Ottawa, ON K1P 1J9 Canada | hilal.elmisilmani@ul.org, https://ulse.org/

Revision

BSR/UL 360-202x, Standard for Safety for Liquid-Tight Flexible Metal Conduit (revision of ANSI/UL 360-2024)
The proposed new edition includes two topics:
- Topic 1 proposes the addition of sourcing guidance for No. 50-2/20 unbleached cotton braid tape, necessary to perform the UL 360, Test for Durability of Ink Printing;
- Topic 2 proposes updates to Section 2.3, Undated References, and revisions of several referenced standards.
Single copy price: Free
Order from: https://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions on the following website to enter comments into the CSDS Work Area: https://csds.ul.org/ProposalAvailable

Comment Deadline: October 21, 2025

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 6142-202x, Standard for Safety for Small Wind Turbine Systems (revision of ANSI/UL 6142-2024)
The proposed Second Edition of UL 6142 includes multiple revisions including clarification, administrative edits, and universal upkeep.
Single copy price: Free
Order from: https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: "https://csds.ul.org/ProposalAvailable".

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:

CTA (Consumer Technology Association)

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

BSR/CTA 6010-202x, Audio, video, and related equipment - Determination of power consumption - Part 3: Television sets (identical national adoption of IEC 62087-3:2023)
Send comments (copy psa@ansi.org) to: Aaron Chalmers <achalmers@cta.tech>

IICRC (The Institute of Inspection, Cleaning and Restoration Certification)

4043 S Eastern Ave.,, Las Vegas, NV 89119 | mwashington@iicrcnet.org, https://www.iicrc.org

BSR/IICRC S550-202x, Standard for Professional Water Damage Restoration of Commercial Structures (new standard)
Send comments (copy psa@ansi.org) to: Mili Washington <mwashington@iicrcnet.org>

Final Actions on American National Standards

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

ASA (ASC S3) (Acoustical Society of America)

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

ANSI/ASA S3.6-2025, Specification of Audiometers (revision of ANSI/ASA S3.6-2018 (R2023)) Final Action Date: 8/14/2025 | *Revision*

ASIS (ASIS International)

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

ANSI/ASIS SSEC-2025, School Security (new standard) Final Action Date: 8/12/2025 | *New Standard*

ASME (American Society of Mechanical Engineers)

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

ANSI/ASME BPVC Section XI-2025a, Section XI Rules for Inservice Inspection of Nuclear Reactor Facility Components (revision of ANSI/ASME BPVC Section XI-2023) Final Action Date: 8/15/2025 | *Revision*

AWWA (American Water Works Association)

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

ANSI/AWWA G480-2025, Water Conservation and Efficiency Program Operation and Management (revision of ANSI/AWWA G480-2020) Final Action Date: 8/11/2025 | *Revision*

IAPMO (Z) (International Association of Plumbing and Mechanical Officials)

4755 East Philadelphia Street, Ontario, CA 91761 | standards@iapmostandards.org, https://www.iapmostandards.org

ANSI/IAPMO Z1393-2025, Bathroom Vanity Assemblies with Plumbing Products (new standard) Final Action Date: 8/12/2025 | *New Standard*

IEEE (Institute of Electrical and Electronics Engineers)

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

ANSI/IEEE 3102-2025, Standard for Conservation Voltage Reduction (CVR) Data Collection and Management Procedures (new standard) Final Action Date: 8/13/2025 | *New Standard*

TVC (ASC Z80) (The Vision Council)

225 Reinekers Lane, Suite 700, Alexandria, VA 22314 | ascz80@thevisioncouncil.org, www.z80asc.com

ANSI Z80.1-2025, Ophthalmics - Prescription Ophthalmic Lenses - Recommendations (revision of ANSI Z80.1-2020) Final Action Date: 8/12/2025 | *Revision*

ANSI Z80.3-2025, Ophthalmics - Nonprescription Sunglass and Fashion Eyewear Requirements (revision of ANSI Z80.3 -2018 (R2023)) Final Action Date: 8/12/2025 | *Revision*

ANSI Z80.7-2025, Ophthalmic Optics - Monofocal Intraocular Lenses (revision of ANSI Z80.7-2013 (R2023)) Final Action Date: 8/12/2025 | *Revision*

ULSE (UL Standards and Engagement)

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

ANSI/UL 814-2011 (R2025), Standard for Safety for Gas-Tube-Sign Cable (reaffirmation of ANSI/UL 814-2011 (R2020)) Final Action Date: 8/14/2025 | *Reaffirmation*

ANSI/UL 1062-2020 (R2025), Standard for Safety for Unit Substations (reaffirmation of ANSI/UL 1062-2020) Final Action Date: 8/13/2025 | *Reaffirmation*

ANSI/UL 67-2025, Standard for Panelboards (revision of ANSI/UL 67-2024) Final Action Date: 8/15/2025 | *Revision*

ANSI/UL 96-2025, Standard for Lightning Protection Components (revision of ANSI/UL 96-2023) Final Action Date: 8/18/2025 | *Revision*

ANSI/UL 268A-2025, Standard for Smoke Detectors for Duct Application (revision of ANSI/UL 268A-2023) Final Action Date: 8/15/2025 | *Revision*

ANSI/UL 428A-2025, Electrically Operated Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations Up to 85 Percent (E0 - E85) (revision of ANSI/UL 428A-2022) Final Action Date: 8/14/2025 | *Revision*

ANSI/UL 428B-2025, Electrically Operated Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 428B-2022) Final Action Date: 8/14/2025 | *Revision*

ANSI/UL 1247-2025, Standard for Safety for Diesel Engines for Driving Centrifugal Fire Pumps (revision of ANSI/UL 1247-2024) Final Action Date: 8/14/2025 | *Revision*

ANSI/UL 1659-2025, Standard for Safety for Attachment Plug Blades for Use in Cord Sets and Power-Supply Cords (revision of ANSI/UL 1659-2005 (R2023)) Final Action Date: 8/13/2025 | *Revision*

ANSI/UL 1740-2025, Standard for Safety Robots and Robotic Equipment (revision of ANSI/UL 1740-2023) Final Action Date: 8/12/2025 | *Revision*

ANSI/UL 2129-2025a, Standard for Halocarbon Clean Agent Fire Extinguishers (revision of ANSI/UL 2129-2025) Final Action Date: 8/15/2025 | *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.

ANSI Accredited Standards Developer

AWS - American Welding Society

Revision of ANSI Z49.1, *Safety in Welding, Cutting, and Allied Processes*, is about to begin and the Committee is seeking additional organizations that would be interested in participating.

Scope and Purpose of ANSI Z49.1:
This standard is for the protection of persons from injury and illness and the protection of property (including equipment) from damage by fire and explosions arising from welding, cutting, and allied processes. The standard shall be for the guidance of educators, operators, managers, and supervisors in the safe setup and use of welding and cutting equipment, and the safe performance of welding and cutting operations.

Interest categories:
a. Users: Those directly concerned with the use of welding related product or services.
b. Producers: Those directly concerned with the production or distribution of welding related products or services.
c. Professional Society: Those representing organizations seeking to further a particular profession, the interests of individuals engaged in that profession, and the public interest.
d. Labor: Those representing an organization which exists to represent employees dealing with employers concerning conditions of work.
e. General Interest: Those involved with welding whose interests are not better covered under one of the four interest categories listed above.

In addition, the Committee is need of organizations representing the Labor and General Interest categories.

Any organizations that would like to participate please reach out to the Secretariat, Jennifer Molin at jmolin@aws.org.

ABMA (ASC B3) (American Bearing Manufacturers Association)

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

BSR ABMA 9-2015 (R202x), Load Ratings and Fatigue Life for Ball Bearings (reaffirmation of ANSI ABMA 9-2015 (R2020))

ABMA (ASC B3) (American Bearing Manufacturers Association)

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

BSR/ABMA 10A-2001 (R202x), Metal Balls for Unground Bearings and Other Uses (reaffirmation of ANSI/ABMA 10A -2001 (R2020))

ABMA (ASC B3) (American Bearing Manufacturers Association)

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

BSR/ABMA 11-2014 (R202x), Load Ratings and Fatigue Life for Roller Bearings (reaffirmation of ANSI/ABMA 11 -2014 (R2020))

ABMA (ASC B3) (American Bearing Manufacturers Association)

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

BSR/ABMA 19.2-2013 (R202x), Tapered Roller Bearings, Radial Inch Design (reaffirmation of ANSI/ABMA 19.2 -2013 (R2020))

ACP (American Clean Power Association)

1299 Pennsylvania Ave. NW, Suite 1300, Washington, DC 20004 | dbrown@cleanpower.org, www.cleanpower.org

BSR/ACP 1002-202x, Offshore Wind Safety Recommended Practices (new standard)

AGMA (American Gear Manufacturers Association)

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

BSR/AGMA 1010-Gxx, Appearance of Gear Teeth - Terminology of Wear and Failure (revision of ANSI/AGMA 1010-F14 (R2025))

AISC (American Institute of Steel Construction)

130 E. Randolph Street, Suite 2000, Chicago, IL 60601-6204 | gonner@aisc.org, www.aisc.org

BSR/AISC 370-202x, Specification for Structural Stainless Steel Buildings (revision of ANSI/AISC 370-2021)

CPLSO

The Marchioness Building, Commercial Road, Bristol BS16TG, UK BS1 6TG | pratt.hugh@cplso.org

BSR/CPLSO-14-2016 (R202x), Crane Insulators (reaffirmation of ANSI/CPLSO-14-2016 (R2021))

CPLSO

The Marchioness Building, Commercial Road, Bristol BS16TG, UK BS1 6TG | pratt.hugh@cplso.org

BSR/CPLSO 15-2017 (R202x), Proximity Warning Devices (reaffirmation of ANSI/CPLSO 15-2017 (R2021))

CPLSO

The Marchioness Building, Commercial Road, Bristol BS16TG, UK BS1 6TG | pratt.hugh@cplso.org

BSR/CPLSO 18-2021 (R202x), Crane Insulators, Selection, Use, and Maintenance (reaffirmation of ANSI/CPLSO 18 -2021)

ESTA (Entertainment Services and Technology Association)

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

BSR/ES1.43-202x, Event Safety - Material Handling (new standard)
Interest Categories: The Event Safety Working Group seeks new voting participants in the following interest categories: Insurance, Performing Artist, Event Worker, and Equipment Provider.

NSF (NSF International)

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

BSR/NSF 40-202x (i62r2), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2023)

NSF (NSF International)

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

BSR/NSF 42-202x (i135r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2023)

NSF (NSF International)

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

BSR/NSF 46-202x (i47r2), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2022)

NSF (NSF International)

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

BSR/NSF 140-202x (i37r1), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2024)

NSF (NSF International)

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

BSR/NSF 173-202x (i119r1), Dietary Supplements (revision of ANSI/NSF 173-2024a)

NSF (NSF International)

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

BSR/NSF 245-202x (i39r2), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2023)

NSF (NSF International)

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

BSR/NSF 350-202x (i83r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2023)

ULSE (UL Standards and Engagement)

1603 Orrington Ave, Evanston, IL 60201 | erin.webber@ul.org, https://ulse.org/

BSR/UL 2017-202x, Standard for General-Purpose Signaling Devices and Systems (revision of ANSI/UL 2017-2018 (R2024))

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

ABTG - Applied Building Technology Group

Effective August 15, 2025

The reaccreditation of **ABTG - Applied Building Technology Group** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ABTG-sponsored American National Standards, effective **August 15, 2025**. For additional information, please contact: Jay Crandell, Applied Building Technology Group (ABTG) | 6300 Enterprise Lane, Madison, WI 53719 | (301) 466-7420, jcrandell@aresconsulting.biz

Approval of Reaccreditation – ASD

API - American Petroleum Institute

Effective August 12, 2025

The reaccreditation of **API - American Petroleum Institute** has been approved by ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on API-sponsored American National Standards, effective **August 12, 2025**. For additional information, please contact: Paula Watkins, American Petroleum Institute (API) | 200 Massachusetts Avenue NW, Washington, DC 20001 | (202) 682-8197, watkinsp@api.org

Approval of Reaccreditation – ASD

ARESCA - American Renewable Energy Standards and Certification Association

Effective August 13, 2025

The reaccreditation of **ARESCA - American Renewable Energy Standards and Certification Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ARESCA-sponsored American National Standards, effective **August 13, 2025**. For additional information, please contact: Bob Sherwin, American Renewable Energy Standards and Certification Association (ARESCA) | 256 Farrell Farm Road, Norwich, VT 05055 | (802) 291-4934, vtwindpower@gmail.com

Approval of Reaccreditation – ASD

ISA (ASC Z133) - International Society of ArboricultureSafety in Tree Trimming Operations

Effective August 6, 2025

The reaccreditation of **ISA - International Society of Arboriculture**, sponsor of **ASC Z133 - Safety in Tree Trimming Operations** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ISA (ASC Z133)-sponsored American National Standards, effective **August 6, 2025**. For additional information, please contact: Jamie Vidich, International Society of Arboriculture (ISA (ASC Z133)) | 270 Peachtree Street NW, Suite 1900, Atlanta, GA 30303 | (678) 367-0981, jvidich@isa-arbor.com

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

ITI (INCITS) - InterNational Committee for Information Technology Standards

Effective July 31, 2025

The reaccreditation of the **InterNational Committee for Information Technology Standards (INCITS)** has been approved by ANSI's Executive Standards Council, under its recently revised *INCITS Organization Policies and Procedures* for documenting consensus on INCITS-sponsored American National Standards, effective **July 31, 2025**. For additional information, please contact the Secretariat of INCITS: Lynn Barra, Information Technology Industry Council | 700 K Street NW, Suite 600, Washington, DC 20001 | (202) 737-8888, INCITS-comments@connectedcommunity.org

Approval of Reaccreditation – ASD

LES - Licensing Executives Society (U.S. and Canada)

Effective August 6, 2025

The reaccreditation of **LES - Licensing Executives Society (U.S. and Canada)** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on LES-sponsored American National Standards, effective **August 6, 2025**. For additional information, please contact: Will Cottrell, Licensing Executives Society (U.S. and Canada) (LES) | 11130 Sunrise Valley Drive, Suite 350, Reston, VA 20191 | (781) 779-4171, standards@les.org

Public Review of Revised ASD Operating Procedures

BEPP - Board of Executive Protection Professionals

Comment Deadline: September 22, 2025

The **BEPP - Board of Executive Protection Professionals** has submitted revisions to its currently accredited operating procedures for documenting consensus on BEPP-sponsored American National Standards, under which it was originally accredited in 2021. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: James Cameron, Board of Executive Protection Professionals (BEPP) | 8131 Dolce Flore Avenue, Las Vegas, NV 89178 | (714) 510-0671, info@ep-board.org

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

Please submit any public comments on the revised procedures to BEPP by **September 22, 2025**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org)

Accreditation Announcements (Standards Developers)

Public Review of Revised ASD Operating Procedures

ISA (Organization) - International Society of Automation

Comment Deadline: September 22, 2025

ISA - International Society of Automation has submitted revisions to its currently accredited operating procedures for documenting consensus on ISA-sponsored American National Standards, under which it was last reaccredited in 2024. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Steve Ferguson, International Society of Automation (ISA (Organization)) | 3252 S. Miami Blvd, Suite 102, Durham, NC 27703 | (919) 990-9228, sferguson@isa.org

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

Please submit any public comments on the revised procedures to ISA by **September 22, 2025**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org)

American National Standards Under Continuous Maintenance

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

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

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

Agricultural food products (TC 34)

ISO/DIS 16634-2, Food products - Determination of the total nitrogen content by combustion according to the Dumas principle and calculation of the crude protein content - Part 2: Cereals, pulses and cereal coproducts - 11/2/2025, FREE

Clinical laboratory testing and in vitro diagnostic test systems (TC 212)

ISO/DIS 24884, Electronic Instructions for Use for In Vitro Diagnostic Medical Devices - Minimum required information and means of delivery - 11/6/2025, $46.00

Fertilizers and soil conditioners (TC 134)

ISO 19822:2018/DAmd 1, - Amendment 1: Fertilizers and soil conditioners - Determination of humic and hydrophobic fulvic acids concentrations in fertilizer materials - Amendment 1: DAX -8 resin alternative - 11/6/2025, $58.00

Fine ceramics (TC 206)

ISO/DIS 24648, Fine ceramics (advanced ceramics, advanced technical ceramics) - Mechanical properties of ceramic composites at room temperature - Determination of hoop tensile properties of tubes via C-ring test - 11/1/2025, $58.00

Fire safety (TC 92)

ISO/DIS 13785-1, Reaction-to-fire tests for façades - Part 1: Intermediate-scale test - 11/6/2025, $77.00

Human resource management (TC 260)

ISO/DIS 30439, Human Resource Management - Safe Handling of Data - 11/6/2025, $71.00

Metallic and other inorganic coatings (TC 107)

ISO/DIS 4531, Vitreous and porcelain enamels - Release from enamelled articles in contact with food - Methods of test and limits - 10/31/2025, $58.00

ISO/DIS 11177, Vitreous and porcelain enamels - Inside and outside enamelled valves and pressure pipe fittings for untreated and potable water supply - Quality requirements and testing - 10/31/2025, $40.00

Mining (TC 82)

ISO/DIS 19426-1, Structures for mine shafts - Part 1: Vocabulary - 11/2/2025, $62.00

ISO/DIS 19426-2, Structures for mine shafts - Part 2: Headframe structures - 11/2/2025, $62.00

ISO/DIS 19426-3, Structures for mine shafts - Part 3: Sinking stages - 11/2/2025, FREE

ISO/DIS 19426-5, Structures for mine shafts - Part 5: Shaft system structures - 11/2/2025, $107.00

Natural gas (TC 193)

ISO/DIS 24832-1, Natural gas upstream area - Determination of pore structure and mineral content for shale - Part 1: Scanning electron microscopy with energy dispersive spectrometer - 11/2/2025, $62.00

Other

ISO/DIS 17228, Leather - Tests for colour fastness - Change in colour with accelerated ageing - 11/2/2025, $53.00

ISO/DIS 26082-1, Leather - Physical and mechanical test methods for the determination of soiling - Part 1: Rubbing (Martindale) method - 11/2/2025, $46.00

Paints and varnishes (TC 35)

ISO/DIS 11124-1, Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 1: General introduction and classification - 10/31/2025, $40.00

Personal safety - Protective clothing and equipment (TC 94)

ISO/DIS 12312-2, Eye and face protection - Sunglasses and related eyewear - Part 2: Filters for direct observation of the sun - 11/2/2025, $46.00

Steel (TC 17)

ISO/DIS 4885, Ferrous materials - Heat treatments - Vocabulary - 11/3/2025, $134.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 24712:2007/DAmd 1, - Amendment 1: Colour test pages for measurement of office equipment consumable yield - Amendment 1 - 11/2/2025, $29.00

ISO/IEC 14496-10:2025/DAmd 1, - Amendment 1: Information technology - Coding of audio-visual objects - Part 10: Advanced video coding - Amendment 1: Support for additional SEI messages - 11/2/2025, $62.00

ISO/IEC DIS 9995-7, Information technology - Keyboard layouts for text and office systems - Part 7: Graphical symbols used to represent functions - 10/31/2025, $93.00

ISO/IEC DIS 15444-9, Information technology - JPEG 2000 image coding system - Part 9: Interactivity tools, APIs and protocols - 11/1/2025, $175.00

ISO/IEC DIS 19775-2, Information technology - Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) - Part 2: Scene access interface (SAI) - 11/1/2025, $40.00

ISO/IEC DIS 23093-4, Information technology - Internet of media things - Part 4: Reference software and conformance - 11/6/2025, $82.00

ISO/IEC DIS 24216-1, Information technology - User interface guidelines on avatars - Part 1: General - 11/1/2025, $58.00

ISO/IEC DIS 26083-1, Information technology - OpenID - Part 1: FAPI 2.0 Part 1: Security profile - 11/1/2025, $82.00

ISO/IEC DIS 26083-2, Information technology - OpenID - Part 2: FAPI 2.0 Part 2: Attacker model - 11/1/2025, $53.00

ISO/IEC DIS 29138-4, Information Technology - User interface accessibility - Part 4: Applying user accessibility needs - 11/6/2025, $67.00

ISO/IEC DIS 20071-31, Information technology - User interface component accessibility - Part 31: Accessibility of kiosks - 11/1/2025, $67.00

ISO/IEC DIS 23001-19, Information technology - MPEG systems technologies - Part 19: Carriage of green metadata - 10/31/2025, $107.00

ISO/IEC DIS 23090-35, Information technology - Coded representation of immersive media - Part 35: Conformance and reference software for Low latency, low complexity LiDAR coding - 11/6/2025, $125.00

IEC Standards

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

46F/721/FDIS, IEC 61169-64 ED2: Radio frequency connectors - Part 64: Sectional specification - RF coaxial connectors with 0,8 mm inner diameter of outer conductor - Characteristic impedance 50 Ω (type 0,8), 09/26/2025

Electric road vehicles and electric industrial trucks (TC 69)

69/1076/CD, IEC 61851-23 ED3: Conductive power and energy transfer systems for electric vehicles - Part 23: DC electric vehicle supply equipment, 11/07/2025

69/1077/CD, IEC 61851-24 ED3: Conductive power and energy transfer systems for electric vehicles - Part 24: Digital communication between a DC EV supply equipment and an electric vehicle for control of DC charging, 11/07/2025

Electric traction equipment (TC 9)

9/3252/FDIS, IEC 61375-1 ED4: Electronic railway equipment - Train communication network (TCN) - Part 1: General architecture, 09/26/2025

9/3257/NP, PNW 9-3257 ED1: Gaseous Hydrogen - Fuel system components for hydrogen fuelled vehicles - Part 2: Rail vehicles, 10/10/2025

Electrical accessories (TC 23)

23H/580(F)/FDIS, IEC 62196-2 ED4: Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 2: Dimensional compatibility requirements for AC pin and contact-tube accessories, 08/29/2025

Electrical equipment in medical practice (TC 62)

62C/954(F)/FDIS, IEC 60601-2-64 ED2: Medical electrical equipment - Part 2-64: Particular requirements for the basic safety and essential performance of light ion beam medical electrical equipment, 09/05/2025

62C/958/FDIS, IEC 61267 ED3: Medical diagnostic X-ray equipment - Radiation conditions for use in the determination of characteristics, 09/26/2025

62C/957/FDIS, IEC 62083 ED3: Medical device software - Requirements for the safety of radiotherapy treatment planning systems, 09/26/2025

62C/959/FDIS, IEC 63465 ED1: Calibration and quality control in the use of radionuclide calibrators, 09/26/2025

62D/2248/NP, PNW 62D-2248 ED1: Anaesthetic and respiratory equipment - Nebulizing systems and components, 11/07/2025

Electromagnetic compatibility (TC 77)

77A/1262/CD, IEC 61000-3-3 ED4: Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤16 A per phase and not subject to conditional connection, 10/10/2025

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

48B/3176/CD, Connectors for electrical and electronic equipment - Product requirements - Part 2-010: Circular connectors - Detail specification for connectors with outer or inner push-pull locking mechanism, based on mating interfaces according to IEC 61076-2-101, IEC 61076-2-109, IEC 61076-2 -111 and IEC 61076-2-113, 10/10/2025

48B/3169(F)/FDIS, IEC 61076-2-111 ED2: Connectors for electrical and electronic equipment - Product requirements - Part 2-111: Circular connectors - Detail specification for power connectors with M12 screw-locking, 09/05/2025

48D/790/CDV, IEC 61587-1/AMD1 ED5: Amendment 1 - Mechanical structures for electrical and electronic equipment - Tests for IEC 60917 and IEC 60297 series - Part 1: Environmental requirements, test setups and safety aspects, 11/07/2025

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

112/695/NP, PNW 112-695 ED1: Electrical insulation systems - Procedures for thermal evaluation - Part 51: Specific requirements for electrical insulation systems in dry-type resin-encapsulated high-voltage windings using AC dielectric breakdown as diagnostic, 10/10/2025

Fibre optics (TC 86)

86A/2615(F)/FDIS, IEC 60794-1-107 ED1: Optical fibre cables - Part 1-107: Generic specification - Basic optical cable test procedures - Mechanical test methods - Torsion, Method E7, 09/19/2025

86B/5114/CD, IEC 61300-3-34 ED4: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-34: Examinations and measurements - Attenuation and return loss of random mated connectors, 10/10/2025

Fire hazard testing (TC 89)

89/1624/CD, IEC TS 60695-11-12 ED1: Fire hazard testing - Part 11-12: Test flames - Hot Flame Oil replacement test method - Apparatus, verification, test method and guidance, 10/10/2025

Flat Panel Display Devices (TC 110)

110/1793/DTR, IEC TR 63145-202-40 ED1: Eyewear display - Part 202-40: General information of AR type - Frontal stray lights, 10/10/2025

Fuel Cell Technologies (TC 105)

105/1139/NP, PNW 105-1139 ED1: Fuel cell technologies - Part 4-601: Fuel cell power systems for propulsion other than road vehicles and auxiliary power units (APU) - Safety-Fuel cell/battery hybrid systems for excavators and wheel loaders, 11/07/2025

Lamps and related equipment (TC 34)

34/1337(F)/FDIS, IEC 63129/AMD1 ED1: Amendment 1 - Determination of inrush current characteristics of lighting products, 09/05/2025

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

106/705/DTR, IEC/IEEE TR 63572 ED1: Evaluation of absorbed power density related to human exposure to radio frequency fields from wireless communication devices operating between 6 GHz and 300 GHz, 10/10/2025

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

113/917/CD, IEC TS 62565-5-4 Nanomanufacturing - Product specification - Part 5-4: Nano-enabled energy storage - Blank detail specification: carbon nanomaterials for the electrodes of hybrid supercapacitors, 10/10/2025

Performance of household electrical appliances (TC 59)

59F/537/NP, PNW 59F-537 ED1: Surface cleaning appliances - Part 1x: Material efficiency aspects for appliances for household or similar use - Methods for the determination of reliability of dry-cleaning vacuum cleaners, 10/10/2025

59N/81/NP, PNW 59N-81 ED1: Household and similar electrical air cleaning appliances - Methods for measuring the performance - Part 2-6: Particular requirements for fresh-air air cleaners, 10/10/2025

Power system control and associated communications (TC 57)

57/2825/CD, IEC TR 62351-90-4 ED1: Power systems management and associated information exchange - Data and communications security - Part 90-4: Migration of cryptographic algorithms, 10/10/2025

Process Management for Avionics (TC 107)

107/431/NP, PNW 107-431 ED1: Process management for avionics - Atmospheric radiation effects - Part 1: Accommodation of atmospheric radiation effects via single event effects within avionics electronic equipment, 11/07/2025

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

116/915/FDIS, IEC 62841-3-16 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-16: Particular requirements for transportable belt sanders, disc sanders and belt/disc sanders, 09/26/2025

116/916/FDIS, IEC 62841-4-9 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-9: Particular requirements for battery-powered chain saws for tree service, 09/26/2025

Safety of measuring, control, and laboratory equipment (TC 66)

66/859/CDV, IEC 61010-2-011 ED3: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-011: Particular requirements for refrigerating equipment, 11/07/2025

66/860/CDV, IEC 61010-2-012 ED3: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-012: Particular requirements for climatic and environmental testing and other temperature conditioning equipment, 11/07/2025

Semiconductor devices (TC 47)

47E/864/CDV, IEC 60747-5-19 ED1: Semiconductor devices - Part 5-19: Optoelectronic devices - Light emitting diodes - Test method of the micro photoluminescence for chip wafers of micro light emitting diodes, 11/07/2025

Solar photovoltaic energy systems (TC 82)

82/2496/CD, IEC 62257-345 ED1: Renewable energy off-grid systems - Part 345: Battery charge controllers for photovoltaic systems - Performance and functioning, 10/10/2025

Standard voltages, current ratings and frequencies (TC 8)

8A/207/NP, PNW TS 8A-207 ED1: Technical Specification for Harmonic Evaluation of Offshore Wind Farms Grid-connected via VSC-HVDC, 11/07/2025

Surface mounting technology (TC 91)

91/2060/FDIS, IEC 61189-3-302 ED1: Test methods for electrical materials, printed board and other interconnection structures and assemblies - Part 3-302: Detection of plating defects in unpopulated circuit boards by computed tomography (CT), 09/26/2025

91/2063/NP, PNW 91-2063 ED1: Materials for printed boards and other interconnecting structures - Part 2-XX: Reinforced base materials clad and unclad - Non-halogenated epoxide modified bismaleimide/triazine with filler woven glass laminate sheets of low thermal expansion and flammability (vertical burning test), copper-clad for IC substrate, 11/07/2025

(TC)

CIS/F/908/DTR, CISPR TR 30-3 ED1: Test method on electromagnetic emissions - Part 3: Electronic control gear for LED light sources - Built-in control gear, 10/10/2025

ISO/IEC JTC 1, Information Technology

(TC)

JTC1-SC41/523/CDV, ISO/IEC 30187 ED1: Internet of Things (IoT) - Evaluation indicators for IoT systems, 10/10/2025

JTC1-SC41/524/CDV, ISO/IEC 30188 ED1: Digital Twin - Reference architecture, 11/07/2025

JTC1-SC41/538/NP, PNW JTC1-SC41-538 ED1: Internet of Things (IoT) - Cross-platform policy management framework for IoT, 11/07/2025

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

Additive manufacturing (TC 261)

ISO/ASTM 52953:2025, Additive manufacturing for metals - General principles - Registration of data acquired from process monitoring and for quality control, $172.00

Agricultural food products (TC 34)

ISO 21121:2025, Spices and condiments - Dried lime (whole, slices and ground) - Specification, $56.00

ISO 16140-3:2021/Amd 1:2025, - Amendment 1: Microbiology of the food chain - Method validation - Part 3: Protocol for the verification of reference methods and validated alternative methods in a single laboratory - Amendment 1: Protocol for verification of validated identification methods of microorganisms, $23.00

ISO 16140-4:2020/Amd 2:2025, - Amendment 2: Microbiology of the food chain - Method validation - Part 4: Protocol for method validation in a single laboratory - Amendment 2: Protocol for single-laboratory validation of identification methods of microorganisms, $23.00

Aircraft and space vehicles (TC 20)

ISO 21100:2025, Air cargo unit load devices - Performance requirements and test parameters, $259.00

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

ISO 10993-12:2021/Amd 1:2025, - Amendment 1: Biological evaluation of medical devices - Part 12: Sample preparation and reference materials - Amendment 1, $23.00

Corrosion of metals and alloys (TC 156)

ISO/PAS 5929:2025, Corrosion of metals and alloys - Test and evaluation method for the corrosion of steel bar embedded in concrete structure exposed to total corrosion zones in marine environments, $172.00

Equipment for fire protection and fire fighting (TC 21)

ISO 6182-18:2025, Fire protection - Automatic sprinkler system - Part 18: Requirements and test methods for flexible sprinkler hose, $127.00

Fluid power systems (TC 131)

ISO 8426-1:2025, Hydraulic fluid power - Determination of derived displacement of positive displacement pumps and motors - Part 1: Two-step Toet method, $127.00

ISO 8426-2:2025, Hydraulic fluid power - Determination of derived displacement of positive displacement pumps and motors - Part 2: Zero-pressure intercept method, $56.00

Geographic information/Geomatics (TC 211)

ISO 19152-5:2025, Geographic information - Land Administration Domain Model (LADM) - Part 5: Spatial plan information, $201.00

Metallic and other inorganic coatings (TC 107)

ISO 24251-1:2025, Prevention of hydrogen assisted brittle fracture of high-strength steel components - Part 1: Fundamentals and measures, $172.00

Paints and varnishes (TC 35)

ISO 8501-3:2025, Preparation of steel substrates before application of paints and related products - Visual assessment of surface cleanliness - Part 3: Preparation grades of welds, edges and other areas with surface imperfections, $127.00

Personal safety - Protective clothing and equipment (TC 94)

ISO 18527-3:2020/Amd 1:2025, - Amendment 1: Eye and face protection for sports use - Part 3: Requirements and test methods for eyewear intended to be used for surface swimming - Amendment 1, $23.00

Petroleum products and lubricants (TC 28)

ISO 15597:2025, Petroleum and related products - Determination of chlorine and bromine content - Wavelength-dispersive X-ray fluorescence spectrometry, $84.00

Plastics (TC 61)

ISO 13802:2025, Plastics - Verification of pendulum impact-testing machines - Charpy, Izod and tensile impact-testing, $201.00

Quantities, units, symbols, conversion factors (TC 12)

ISO 80000-9:2019/Amd 1:2025, - Amendment 1: Quantities and units - Part 9: Physical chemistry and molecular physics - Amendment 1, $23.00

Ships and marine technology (TC 8)

ISO 21716-4:2025, Ships and marine technology - Bioassay methods for screening anti-fouling paints - Part 4: Algae, $172.00

Small tools (TC 29)

ISO 20929:2025, Tools for pressing - Heel guidings in large stamping and forming dies, $56.00

Solid mineral fuels (TC 27)

ISO 602:2025, Coal - Determination of mineral matter, $84.00

ISO 1928:2025, Coal and coke - Determination of gross calorific value, $259.00

Steel (TC 17)

ISO 16650:2025, Bead wire, $127.00

Thermal insulation (TC 163)

ISO 16685:2025, Thermal insulating products for industrial installations - Mechanical properties testing at sub-ambient temperatures, $84.00

Welding and allied processes (TC 44)

ISO 15613:2025, Specification and qualification of welding procedures for metallic materials - Qualification based on a pre-production welding test, $56.00

ISO 15614-2:2025, Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 2: Arc welding of aluminium and its alloys, $172.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 12087-5:2025, Information technology - Image processing and interchange (IPI) functional specification - Part 5: Basic image interchange format (BIIF), $287.00

ISO/IEC 13818-1:2025, Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems, $287.00

ISO/IEC 23001-17:2024/Amd 2:2025, - Amendment 2: Information technology - MPEG systems technologies - Part 17: Carriage of uncompressed video and images in ISO base media file format - Amendment 2: Generic compression for samples and items in ISOBMFF, $23.00

IEC Standards

Automatic controls for household use (TC 72)

IEC 60730-2-6 Ed. 4.0 en:2025, Automatic electrical controls - Part 2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements, $322.00

IEC 60730-2-6 Ed. 4.0 b:2025, Automatic electrical controls - Part 2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements, $322.00

IEC 60730-2-6 Ed. 4.0 en:2025 EXV, Automatic electrical controls - Part 2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements, $1084.00

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

IEC 61196-1-128 Ed. 1.0 en:2025, Coaxial communication cables - Part 1-128: Electrical test methods - Polarization directivity of radiating cable, $148.00

Electrical accessories (TC 23)

IEC 61009-2-1 Ed. 2.0 b:2024, Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) - Part 2-1: RCBOs according to classification 4.1.1, $200.00

IEC 61009-2-2 Ed. 2.0 b:2024, Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) - Part 2-2: RCBOs according to classification 4.1.2, 4.1.3, 4.1.4, 4.1.5 and 4.1.6, $322.00

Fibre optics (TC 86)

IEC 60794-1-214 Ed. 1.0 b:2025, Optical fibre cables - Part 1 -214: Generic specification - Basic optical cable test procedures - Environmental test methods - Cable UV resistance test, Method F14, $26.00

IEC 60794-1-214 Ed. 1.0 en:2025, Optical fibre cables - Part 1 -214: Generic specification - Basic optical cable test procedures - Environmental test methods - Cable UV resistance test, Method F14, $26.00

Industrial-process measurement and control (TC 65)

IEC 62541-18 Ed. 1.0 en:2025, OPC unified architecture - Part 18: Role-Based Security, $322.00

IEC 62541-18 Ed. 1.0 b:2025, OPC unified architecture - Part 18: Role-Based Security, $322.00

Lamps and related equipment (TC 34)

IEC 62386-351 Ed. 1.0 en:2025, Digital addressable lighting interface - Part 351: Particular requirements - Control devices - Luminaire-mounted control devices, $103.00

IEC 62386-351 Ed. 1.0 b:2025, Digital addressable lighting interface - Part 351: Particular requirements - Control devices - Luminaire-mounted control devices, $103.00

Safety of machinery - Electrotechnical aspects (TC 44)

IEC 61496-3 Ed. 4.0 b:2025, Safety of machinery - Electro-sensitive protective equipment - Part 3: Particular requirements for active opto-electronic protective devices responsive to diffuse reflection (AOPDDR), $470.00

IEC 61496-3 Ed. 4.0 en:2025, Safety of machinery - Electro-sensitive protective equipment - Part 3: Particular requirements for active opto-electronic protective devices responsive to diffuse reflection (AOPDDR), $470.00

IEC 61496-3 Ed. 4.0 en:2025 CMV, Safety of machinery - Electro-sensitive protective equipment - Part 3: Particular requirements for active opto-electronic protective devices responsive to diffuse reflection (AOPDDR), $940.00

Terminology (TC 1)

IEC 60050-466/AMD3 Amd.3 Ed. 1.0 b:2021, Amendment 3 - International Electrotechnical Vocabulary (IEV) - Part 466: Overhead lines, $13.00

IEC Technical Specifications

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

IEC/TS 61857-42 Ed. 1.0 en:2025, Electrical insulation systems - Procedures for thermal evaluation - Part 42: Specific requirements for evaluation of an electrical insulation system (EIS) used for road transportation applications, $412.00

Accreditation Announcements (U.S. TAGs to ISO)

Public Review of Application for Accreditation of a U.S. TAG to ISO

JTC 4, Smart and sustainable cities and communities

Comment Deadline: September 22, 2025

The National Electrical Manufacturers Association (NEMA) has submitted an Application for Accreditation for a new proposed U.S. Technical Advisory Group (TAG) to ISO JTC 4, Smart and sustainable cities and communities, and a request for approval as TAG Administrator. The proposed TAG intends to operate using the Model Operating Procedures for U. S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

To obtain a copy of the TAG application or to offer comments, please contact: Hae Choe, National Electrical Manufacturers Association: 1812 N. Moore Street, Suite 2200, Arlington, VA 22209, P: (703) 841-3202 E: hae.choe@nema.org. Please submit any comments to National Electrical Manufacturers Association by September 22, 2025 (please copy jthompso@ANSI.org)

Public Review of Application for Accreditation of a U.S. TAG to ISO

TC 33, Refractories

Comment Deadline: September 22, 2025

ASTM International has submitted an Application for Accreditation for a new proposed U.S. Technical Advisory Group (TAG) to ISO TC 33, Refractories, and a request for approval as TAG Administrator. The proposed TAG intends to operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

To obtain a copy of the TAG application or to offer comments, please contact: Melissa Marcinowski, ASTM International: P: (610) 832-9626 E: MMarcinowski@astm.org. Please submit any comments to ASTM International by September 22, 2025 (please copy jthompso@ANSI.org)

Public Review of Application for Accreditation of a U.S. TAG to ISO

TC 353, Safety, security and good production practices of cannabis facilities and operations

Comment Deadline: September 22, 2025

UL Standards & Engagement has submitted an Application for Accreditation for a new proposed U.S. Technical Advisory Group (TAG) to ISO TC 353, Safety, security and good production practices of cannabis facilities and operations, and a request for approval as TAG Administrator. The proposed TAG intends to operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

To obtain a copy of the TAG application or to offer comments, please contact: Sonya Bird, Underwriters Laboratories Inc.: 12 Laboratory Drive PO Box 13995, Research Triangle Park, NC 27709-3995, P: (984) 317-5815, E: Sonya.M.Bird@ul.org. Please submit any comments to by September 22, 2025 (please copy jthompso@ANSI.org)

International Electrotechnical Commission (IEC)

Advisory Committee on Environmental Aspects (ACEA)

US Representative Needed

Response Deadline: September 12, 2025

The U.S. is recruiting a representative to ACEA as Youjiang Chen will not renew his term in this role as the U.S. representative to ACEA. Individuals interested in serving as the US Representative on ACEA are invited to contact **Betty Barro at bbarro@ansi.org** by Friday September 12, 2025. Please see the scope for ACEA below:

Scope: *ACEA (Advisory Committee on Environmental Aspects) considers aspects to improve the environmental performance and to protect the natural environment against detrimental impacts from electrotechnical products and systems.*

ACEA

• reports to and advises the SMB (Standardization Management Board) on environmental aspects,
• develops Guides,
• ensures that IEC standards developers take environmental protection concerns into account in their standardization work,
• coordinates IEC work on environmental aspects to ensure consistency in IEC publications, and
• assigns environment horizontal functions to committees, and periodically reviews the assigned environment horizontal functions and associated horizontal publications.

Examples of environmental aspects of electrotechnical products and systems addressed by ACEA are:

• environmentally conscious design,
• substance and material analytical testing, management, and declaration,
• environmental performance assessment and labelling,
• emission of greenhouse gases,
• climate change adaptation,
• circular economy and material efficiency,
• end-of-life treatment and recovery.

EMC aspects covered by ACEC (Advisory Committee on Electromagnetic Compatibility) and energy efficiency aspects covered by ACEE (Advisory Committee on Energy Efficiency) are excluded.

GUIDES
ACEA is responsible for the following Guides:
• IEC Guide 109: Environmental aspects - Inclusion in electrotechnical product standards
• IEC Guide 121: Guide for securing credible environmentally relevant performance assessment methods in standards
• IEC Guide 122: Guide for defining halogen content terminology in IEC standards
• IEC Guide 123: Assignment and management of horizontal functions within the area of environment

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 8/SC 2 – Marine environment protection

Reply Deadline: August 22, 2025

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 8/SC 2 – *Marine environment protection*. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 8/SC 2 to the U.S. DOT Maritime Administration (MARAD). MARAD has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

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.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 8/SC 2. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

If no U.S. organization steps forward to assume the ISO/TC 8/SC 2 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity **by Friday, August 22, 2025**, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

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

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.

[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 40
for Wastewater Technology –

Residential Wastewater Treatment Systems

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8.4 Analytical descriptions

8.4.1 pH, TSS, BOD5, and CBOD5

The pH, TSS, and BOD5 of the collected influent and the pH, TSS and CBOD5 of the collected effluent 24-h composite samples shall be determined with the appropriate methods in *Standard Methods*[4] or an alternate validated method with documented equivalent performance for each listed parameter. "Equivalent performance" means having the same or better sensitivity, accuracy, and precision over the expected measurement range for the same sample types. "Validated" means that the method was demonstrated to be fit for purpose with sensitivity, accuracy, precision and robustness via a formal validation study or published as a standardized method of analysis. Analytical test methods used shall be documented in the certifier's test report, and the certifier shall document all equivalency assessments and make them available upon request.

Grab samples shall be collected during the morning dosing period for gravity flow systems and during a time of discharge for systems that are pump discharged.

NOTE — *Standards Methods*[Error! Bookmark not defined.] requires pH and temperature to be sampled as grab samples.

8.4.2 Color, odor, oily film, and foam

8.4.2.1 General

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NSF/ANSI Standard 46
for Wastewater Technology –

Evaluation of Components and Devices Used in Wastewater Treatment Systems

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7 Performance testing and evaluation

Performance testing and evaluation shall be independent of design and construction. However, structural weaknesses, undesirable noise, and other environmental defects and failures during the test shall be described in the final report (see Section 8).

7.1 The device shall be operated and maintained according to the manufacturer's instructions. If these instructions conflict with the performance testing and evaluation protocols of this standard, the protocols contained in this standard shall apply.

7.2 All sample collection and analytical methods shall be those established in *Standard Methods*,[3] or an alternate validated method with documented equivalent performance, except as otherwise specified. “Equivalent performance” means having the same or better sensitivity, accuracy, and precision over the expected measurement range for the same sample types. “Validated” means that the method was demonstrated to be fit for purpose with sensitivity, accuracy, precision and robustness via a formal validation study or published as a standardized method of analysis. Analytical test methods used shall be documented in the certifier’s test report, and the certifier shall document all equivalency assessments and make them available upon request.

7.3 The duration of the evaluation period shall be sufficient to ensure that results are reliable and applicable to anticipated operating conditions. The length of the evaluation period shall be specified in the test report.

8 Final report

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NSF/ANSI Standard 245
for Wastewater Technology –

Residential Wastewater Treatment Systems – Nitrogen Reduction

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8.3.3 Analyses

The samples collected as described in Sections 8.3.1 and 8.3.2 shall be analyzed as follows:

Parameter	Sample type	Sample location		Testing location
		Raw influent	Treated effluent	
BOD_5	24-h composite	X	—	laboratory
$CBOD_5$	24-h composite	—	X	laboratory
total suspended solids (TSS)	24-h composite	X	X	laboratory
pH	grab	X	X	test site
temperature (°C)	grab	X	X	test site
dissolved oxygen (DO)	grab	—	X	test site
alkalinity (as $CaCO_3$)	24-h composite	X	X	laboratory
TKN (as N)	24-h composite	X	X	laboratory
ammonia-N (as N)	24-h composite	X	X	laboratory
nitrite / nitrate-N (as N)	24-h composite	X	X	laboratory

8.3.4 Analytical methods

The appropriate methods in *Standard Methods*[4] or an alternate validated method with documented equivalent performance shall be used to complete the analyses indicated in Section 8.3.3. "Equivalent performance" means having the same or better sensitivity, accuracy, and precision over the expected measurement range for the same sample types. "Validated" means that the method was demonstrated to be fit for purpose with sensitivity, accuracy, precision and robustness via a formal validation study or published as a standardized method of analysis. Analytical test methods used shall be documented in the certifier's test report, and the certifier shall document all equivalency assessments and make them available upon request.

8.3.5 Pressure and flow

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NSF/ANSI Standard 350

for Wastewater Technology –

Onsite Residential and Commercial Water Reuse Treatment Systems

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7 Other documentation

The manufacturer shall prepare and maintain documentation for each system including, at a minimum:

— a basic description of the system;
— drawings of the system;
— design basis data; and
— a comprehensive and detailed discussion of process fundamentals.

8 Performance testing and evaluation

The analytical methods listed in Table N-1.2 shall be used for testing. Alternate validated methods with documented equivalent performance are permissible.~~, provided equivalency is demonstrated by technical review and the review is documented. An equivalent method involves the same measurement technique. Equivalent methods are known to be capable of generating reliable results to equivalent quality requirements~~. "Equivalent performance" means having the same or better sensitivity, accuracy, and precision over the expected measurement range for the same sample types. "Validated" means that the method was demonstrated to be fit for purpose with sensitivity, accuracy, precision and robustness via a formal validation study or published as a standardized method of analysis. Analytical test methods used shall be documented in the certifier's test report, and the certifier shall document all equivalency assessments and make them available upon request. All sample collection methods shall be in accordance with *Standard Methods*[5] unless otherwise specified.

8.1 Greywater treatment systems with capacities up to 5,678 LPD (1,500 GPD)

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

NSF/ANSI 42:

Drinking Water Treatment Units — Aesthetic Effects

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8 Instruction and information

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8.2 Data plate

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8.2.2 Commercial modular systems

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8.2.2.3.1 Allowance for chlorine and/or monochloramine claims:

— in the specific case where both chlorine and monochloramine ~~are the only~~ claims are made ~~with a rated capacity in liters (gallons)~~ for a unique model number designation, the rated capacity / rated service life in liters (gallons) shall be separately and uniquely identified for chlorine and monochloramine claims, if requested by the manufacturer; and

— wherever a rated capacity is stated which is greater than the minimum claimed capacity, all rated capacities, the service flow rate, ~~rated service flow(s),~~ and their associated claim shall be presented in the same type size and font in immediate proximity. ~~The only additional claims allowed for a unique model number designation under Section 8.2.2.3.1 are those claims that do not have a volumetric rated capacity associated with them (e.g., particulate, cyst).~~ Any additional reduction performance claims allowed for a unique model number designation under Section 8.2.2.3.1 shall either have no volumetric rated capacity associated with the claim (e.g., particulate, cyst) or shall have a capacity rating equal to the greater of the two rated capacities for the chlorine and chloramine claims from above.

***Rationale**: The proposed language allows additional claims for commercial modular systems that either have no volumetric rated capacity or that match the higher of the rated capacities for chlorine and monochloramine claims.*

[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 Sustainability –

Sustainability Assessment for Carpet

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6.2 Supply chain feedstock inventory

6.2.1 Feedstock inventory documentation (pre-requisite)

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6.2.2 Input persistent, bio-accumulative, and toxic (PBT) chemicals and other chemicals of concern (pre-requisite)

A manufacturer shall receive 1 point for documenting that PBT chemicals are not intentionally added at 0.1% or greater in the product. This shall apply to the incoming raw materials that result in 0.1% or greater of the final product. Refer to Figure 1 for a definition of the boundaries to be included in this inventory.

Section 6.2.3 Material composition and intentionally added chemicals of concern

Verification of material composition or the absence of intentionally added PBT chemicals or chemicals of concern in the product being certified shall be through formula review or supplier attestation letter(s). Supplier Safety Data Sheets (SDS) may only be used if the SDS ingredient details are sufficient to satisfy the credit disclosure levels requirements.

6.3 Manufacturing emissions inventory and credit for voluntary reductions beyond compliance

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Rationale: Add Section 6.2.3 (no points earned) to clarify verification methods for material composition and chemicals of concern in Section 6.2. This was modeled after similar language in Section 8.3.3 regarding guidance for verification of recycled content.

[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 –

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).[1] USLs and TULs shall be relevant to the specified dietary ingredient under the conditions of use indicated on the label for the intended population.

[1] An informational ingredient acceptability review process flow may be referenced under Informative Annex 3.

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. 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 or product ingredient disclosure shall include a statement 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.

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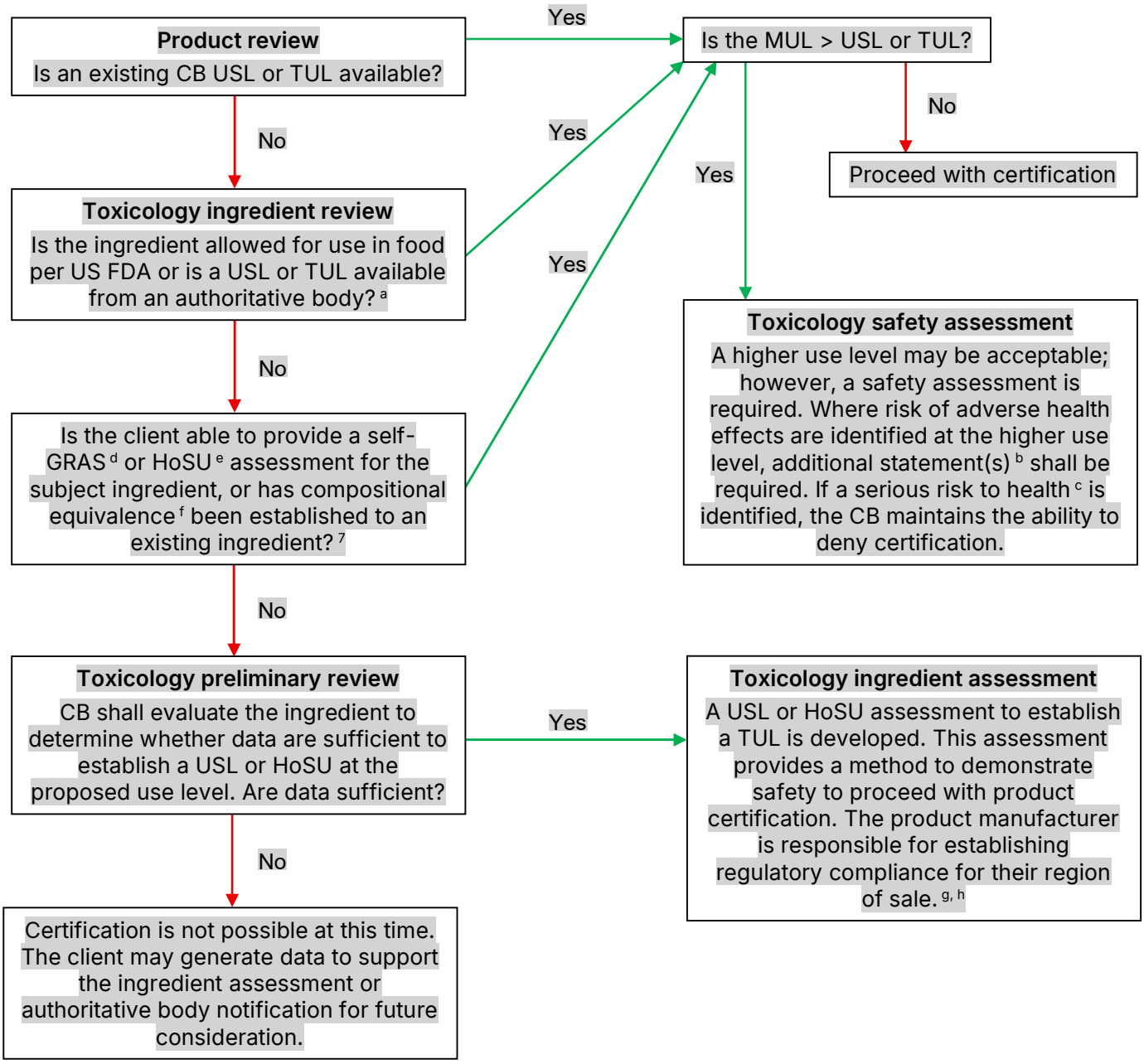
Figure X

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 identity, source, and manufacturing process in sufficient detail to allow for an ingredient acceptability evaluation.

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 or product ingredient disclosure shall include a statement 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 dossiers 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.

BSR/UL 854, Standard for Safety for Service-Entrance Cables

1. Aging Conditions for the Durability of Print Test, Revised 37.3.2

PROPOSAL

37.3.2 Ink printing of the identification required in 37.1.1 and 37.2.1 is appropriate when the printing on specimens remains legible after being tested as described in Durability of Indelible-Ink Printing Test, Section 1690 of UL 1581 at the same time and temperature as determined for the aging of the jacket material in 17.2. When ink printing is not tested or does not comply with the UL 1581 test, the surface ink printing shall be supplemented by one of the following durable means within the cable:

a) Location of a surface-printed tape (see 35.1) between the overall tape and the PVC finish on a Type SE cable or anywhere under the overall covering on a Type SE, USE-2, or USE cable and among the insulated conductors however, except for single-conductor Type USE and USE-2 cables, not under the insulation on any insulated conductor or in or under the individual covering on any insulated conductor. The tape is to be marked with the name of the cable manufacturer, that manufacturer's trade name for the cable, or both, or any other appropriate distinctive marking by means of which the organization responsible for the cable can readily be identified, and an identification of the cable factory (see 37.2.1). When the organization that is responsible for the cable is different from the actual manufacturer, both the responsible organization and the actual manufacturer shall be identified by name or by appropriate coding such as by trade name, trademark, or the assigned electrical reference number. The meaning of any coded identification shall be made available. It is appropriate also to identify a private labeler; the means is not specified.

b) Indent stamping of the conductor metal that does not embrittle the metal is appropriate in 14 – 2 AWG single-conductor cables in which the conductor is solid, in 2-conductor cables in which a stranded, uninsulated conductor is applied helically over a 14 – 2 AWG solid insulated conductor, and in the center strand of 8 AWG – 2,000 kcmil single-conductor stranded cables.

BSR/UL 3741, Standard for Safety for Photovoltaic Hazard Control

1. Revisions to Clarify and Correct Various Requirements to Reflect Current Practice

PROPOSAL

9.5.4 Physical barriers restricting access to exposed conductive parts shall meet the requirements in 7.6. ~~and where~~ Where the physical barrier is exposed and conductive it shall be evaluated in Section 12 for the~~ir~~ likelihood to become energized under foreseeable single point failure and system level fault conditions.