ANSI STANDARDS ACTION

PUBLISHED WEEKLY BY THE AMERICAN NATIONAL STANDARDS INSTITUTE 25 W43RD STREET NY, NY 10036

VOL. 56, NO. 33 AUGUST 15, 2025

CONTENTS

ISSN 0038-9633

Project Initiation Notification System (PINS)

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

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB BPR 232-202x, Best Practice Recommendation for the Development of Criteria for Acceptance of a Request for Friction Ridge Examinations (new standard)
Stakeholders: Any FSP that accepts evidence for testing or inspection, users of the FSP's services, and triers of fact

Project Need: FSPs need to have guidance on what criteria are recommended when accepting casework. The purpose of this document is to provide best practices for the development of criteria for acceptance of a request for friction ridge examinations to include latent print processing, friction ridge comparisons, and automated database searching. Clearly defined acceptance criteria help to facilitate customer expectations and enable an FSP to determine if a request is technically feasible or appropriate.

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

This document provides recommendations for the development of criteria for the acceptance of a request for friction ridge examinations to include latent print processing, friction ridge comparisons, and automated database searching. This document does not address administrative decisions after a request has been accepted.

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 163-202x, Standard for the Restoration of Obliterated Serial Numbers and Other Manufacturer Applied Markings (new standard)
Stakeholders: Forensic firearm and toolmark examiners and technicians; Forensic Service Providers that provide firearm and tool mark examination services; Forensic Service Provider customers including the judicial system, law enforcement investigators, and the general public.

Project Need: This document establishes procedures for the restoration of obliterated serial numbers and other markings. The use of this document by forensic firearm and toolmark examiners and technicians provides uniform practices and reporting amongst practitioners. No standard presently exists for the restoration of obliterated serial numbers and other markings.

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

This document provides procedures for the commonly used serial number restoration techniques. These procedures provide the requirements for the examiner or technician to conduct, document, and report on any results of the restoration of obliterated serial numbers and other manufacturer-applied markings. Other restoration techniques may be available and appropriate but are beyond the scope of this document.

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 228-202x, Standard for Competency Testing in Forensic Firearm and Toolmark Laboratories (new standard)
Stakeholders: Firearm and Tool Mark Examiners and Technicians; Forensic Service Providers that provide firearm and tool mark examination services; Judicial System; Law Enforcement Investigators and General Public.

Project Need: This standard provides methods for the Forensic Science Service Provider (FSSP) to ensure that a firearm and toolmark examiner trainee and/or examiner has the specialized knowledge, skills, and abilities (KSAs) to perform a certain task or role.

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

This document provides the minimum requirements and recommendations for competency testing for firearm and toolmark examiner trainees and/or examiners, including areas of competence, methods for assessment of competence, documentation of competence, and reassessment of competence. This document does not address proficiency testing requirements.

ABMA (ASC B3) (American Bearing Manufacturers Association)

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

Revision

BSR B3.2-202x, Rolling Element Bearings - Aircraft Engine, Engine Gearbox, and Accessory Applications - Surface Visual Inspection (revision of ANSI B3.2-1992 (S2020))
Stakeholders: Aerospace and other users of high precision bearings.

Project Need: Update to latest practices and technologies.

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

This standard establishes a system for uniform visual acceptance criteria for aircraft engine, gearbox and accessory anti-friction bearings in continuous rotation applications made of common bearing materials. The standard requirements are in a flow chart format; the written text is supplementary and is used as support for the flow charts.

ASABE (American Society of Agricultural and Biological Engineers)

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

Revision

BSR/ASAE S392-202x, Cotton Module Builder and Transporter Standard (revision of ANSI/ASAE S392.2 APR2005 (R2019))
Stakeholders: Cotton farmers, ginners, cotton harvester manufacturers

Project Need: Update the standard to address the use of cylindrical modules by the cotton industry.

Interest Categories: Academia, Compliance, Design, Extension, General Interest, Government, Producer, Research, User

Cotton harvest in the U.S. is now dominated by harvesters that create a cylindrical module that is not currently addressed in this standard. This is also true in Australia and Brazil. Language needs to be added to the standard to address cylindrical modules.

ASME (American Society of Mechanical Engineers)

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

New Standard

BSR/ASME MBE 2-202x, Maturity Index (new standard)
Stakeholders: DoD, design and manufacturing, automotive, aerospace, medical industries. Product managers, product data managers, Model-based Enterprise managers, CAD/CAM vendors.

Project Need: The intent of this standard is to assist an organization with their Model-based Enterprise (MBE) maturity assessment and implementation needs. The standard will provide tools for an organization to progress towards becoming more digital, better integrated, and automated. It will help an organization identify distinctive steps to establish an MBE implementation plan.

Interest Categories: AF-General Interest, AI-Laboratory/Testing, AK-Manufacturing, AV-Trainer/Educator, AW-User, AY-Government, CA-Producer – Airframe/Power Plant

This standard provides an organization with tools to assess their Model-based enterprise maturity and identify distinctive steps to establish a roadmap used to develop an MBE implementation plan. The standard also provides a common point of reference for MBE communication. Tools are provided to assist an organization with the identification of their Model-based enterprise capability, readiness, and adoption levels.

HFES (Human Factors & Ergonomics Society)

Steven Kemp <skemp@hfes.org> | 2001 K Street NW, 3rd Floor N. | Washington, DC 20006 www.hfes.org

New Standard

BSR/HFES 900-202x, Human-AI Systems Test and Evaluation (HAISTE) (new standard)
Stakeholders: Government agencies, Federal contractors, Human-Systems Integration professionals, AI system developers

Project Need: A process and metrics for the evaluation of AI systems and their interfaces when working with human users is needed in many domains where it is expected that people will interact with AI to perform tasks, rely on the output of AI systems, oversee the performance of AI systems, or may be affected by the behavior of the AI system. System safety depends on reliable, robust and effective performance of the joint human-AI system.

Interest Categories: Manufacturers, Distributors, Engineering Firms, Designers, Customers (users)

The test and evaluation of AI systems to support joint human-AI system performance is critical for managing and mitigating risks associated with the implementation of AI across many contexts, particularly in high-risk domains. The standard will establish a methodology and metrics for test and evaluation of AI systems when working in conjunction with humans, to include a consideration of realistic use conditions and user characteristics, AI usability, the effects of AI on human performance, human-AI risks and errors, and the performance and output quality of joint human-AI system. The purpose of the process is to ensure resilient performance of the joint human-AI system. Issues associated with verification and validation of the AI system alone, software security, legal compliance and privacy issues are considered out of scope for this effort.

HPS (ASC N13) (Health Physics Society)

Amy Wride-Graney <awride-graney@burkinc.com> | 950 Herndon Parkway, Suite 450 | Herndon, VA 20170 www.hps.org

New Standard

BSR HPS N13.59 (R202x), Characterization in Support of Decommissioning Using the Data Quality Objectives Process (new standard)
Stakeholders: Industry & environmental cleanup

Project Need: ANSI/HPS N13.59 was administratively withdrawn in 2016. This PINS will initiate work on the standard with the intent to revise it in the near future.

Interest Categories: Government or Regulatory Agency, Professional Society, Trade Association or Labor Union, Technical Expert

This standard provides guidance for performing characterizations of land areas and structures in support of decommissioning. This standard recommends that the data quality objectives process be used in the design and implementation of characterization surveys. This standard addresses that need and provides a technical approach for designing characterization surveys in support of decommissioning using the DQO process.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 200 sp-2015 (R202x), Laboratory beating of pulp (Valley beater method) (reaffirmation of ANSI/TAPPI T 200 sp-2015 (R2021))
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This procedure is used to define the papermaking quality of pulp, by subjecting it to a controlled mechanical treatment in a laboratory beater; see also TAPPI T 248, Laboratory Beating of Pulp (PFI Mill Method).

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 213 om-2010 (R202x), Dirt in pulp - Chart method (reaffirmation of ANSI/TAPPI T 213 om-2010 (R2021))
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This method is adapted to the numerical estimation of dirt in pulp and recycled pulp in terms of equivalent black area.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 220 sp-2021 (R202x), Physical testing of pulp handsheets (reaffirmation of ANSI/TAPPI T 220 sp-2021)
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This procedure describes the testing of pulp handsheets, prepared in accordance with TAPPI T 205, Forming Handsheets for Physical Tests of Pulp, for their strength and other physical properties as well as their light-scattering coefficient.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 222 om-2021 (R202x), Acid insoluble lignin in wood and pulp (reaffirmation of ANSI/TAPPI T 222 om -2021)
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This method describes a procedure which can be applied to the determination of acid-insoluble lignin in wood and in all grades of unbleached pulps. In semi-bleached pulp the lignin content should not be less than about 1% to provide a sufficient amount of lignin, about 20 mg, for an accurate weighing. The method is not applicable to bleached pulps containing only small amounts of lignin.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 227 om-2021 (R202x), Freeness of pulp (Canadian standard method) (reaffirmation of ANSI/TAPPI T 227 om-2021)
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

The freeness of pulp is designed to give a measure of the rate at which a dilute suspension of pulp (3 g of pulp in 1 L of water) may be drained. The freeness, or drainage rate (see TAPPI T 221, Drainage Time of Pulp), has been shown to be related to the surface conditions and swelling of the fibers. Besides these factors, the result is dependent also on conditions under which the test is carried out, such as stock preparation, temperature, and water quality. The applicability of this method to all types of pulps has not been determined.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 248 sp-2015 (R202x), Laboratory beating of pulp (PFI mill method) (reaffirmation of ANSI/TAPPI T 248 sp -2015 (R2021))
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This standard practice describes the processing of pulp by means of the PFI mill to evaluate pulp quality for papermaking.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 259 om-2015 (R202x), Species identification of nonwood plant fibers (reaffirmation of ANSI/TAPPI T 259 om-2015 (R2021))
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

The fibrous elements of the nonwood plant species, which are commonly encountered in papermaking or that are expected to have the potential of being used for this purpose, may be identified on the basis of their morphology as revealed by the microscope. The purpose of this method is to provide some of the details, which are useful in making an identification of an unknown nonwood plant specimen. This method can be used whether a coarse undefibered specimen is present or samples of pulp, paper, or other paper products are provided.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 277 sp-2014 (R202x), Macro stickies content in pulp: The pick-up method (reaffirmation of ANSI/TAPPI T 277 sp-2014 (R2021))
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This standard practice describes removing and preparation of a test specimen that can be analyzed for determining heat-set area and number of macro stickies in a specified amount of pulp screened. The method applies to a wide range of pulps, typically, recycled pulp.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 278 sp-2021 (R202x), Pulp screening (Valley-type screening device) (reaffirmation of ANSI/TAPPI T 278 sp -2021)
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This practice provides a laboratory screening procedure for pulps taken directly from a blow pit or discharged from digesters, eliminating time lapse and assuring uniform pulp properties.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 411 om-2015 (R202x), Thickness (caliper) of paper, paperboard, and combined board (reaffirmation of ANSI/TAPPI T 411 om-2015 (R2021))
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This method describes the procedure for measuring single-sheet thickness and variations in single sheet thickness of paper, paperboard, and combined board. The term “combined board” encompasses both corrugated and solid fiberboard.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 425 om-2021 (R202x), Opacity of paper (15/d geometry, illuminant A/2 degrees, 89% reflectance backing and paper backing) (reaffirmation of ANSI/TAPPI T 425 om-2021)
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

The essential principle of this method for determining the opacity of paper is as follows: The reflectance of paper when combined with a white backing is higher than that of paper when combined with a black backing because, in the former case, light transmitted through the imperfectly opaque sheet is largely reflected by the white backing, and a portion of the light is transmitted through the paper a second time thus increasing the total reflection. Two types of “white” backing are used, leading to two measures of opacity

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 428 om-2021 (R202x), Hot water extractable acidity or alkalinity of paper (reaffirmation of ANSI/TAPPI T 428 om-2021)
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This method, based on the work of Kohler and Hall, measures the titratable acidity or alkalinity (end point at pH 7.0) of an aqueous extract of paper (filtered and extracted by boiling water for 1 h). It specifies one extraction and so does not measure the total acidity or alkalinity of paper, for which exhaustive extraction is required.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 444 sp-2021 (R202x), Silver tarnishing by paper and paperboard (reaffirmation of ANSI/TAPPI T 444 sp -2021)
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This practice is for identifying papers and boards that will tarnish or stain metal plates. The appearance of the tarnish, stain, or corrosion of metal by a test specimen of the sample is reported, together with the distribution of the tarnishing or staining. Reducible sulfur activity is a common cause of tarnishing.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 448 om-2021 (R202x), Water vapor transmission rate of paper and paperboard at 23 degrees C and 50% RH (reaffirmation of ANSI/TAPPI T 448 om-2021)
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This method provides for the gravimetric determination of the water vapor transmission rate (WVTR) of sheet materials at 23°C with an atmosphere of 50% RH on one side and a desiccant on the other.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 459 om-2021 (R202x), Surface strength of paper (wax pick test) (reaffirmation of ANSI/TAPPI T 459 om -2021)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This method, applicable to uncoated and coated papers, is designed to measure the surface strength of paper or its resistance to picking. It is not applicable to loosely felted papers such as blotters or roofing felts, nor to papers containing materials that soften with heat such as waxes or latex-type additives. Lightweight papers that lack stiffness may slip under the block during the wax removal step and are not suitable for testing by this procedure.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 460 om-2021 (R202x), Air resistance of paper (Gurley method) (reaffirmation of ANSI/TAPPI T 460 om -2021)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This method is used to measure the air resistance of approximately 6.45 sq. cm. (l sq. in.) circular area of paper using a pressure differential of 1.22 kPa. The recommended range of the liquid column instrument is from 5 to 1800 seconds per 100 mL cylinder displacement. For more impermeable papers, the time requirements become so excessive that other techniques are preferable.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 465 sp-2021 (R202x), Static creasing of paper for water vapor transmission tests (reaffirmation of ANSI/TAPPI T 465 sp-2021)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This standard practice is used for the creasing of paper and other thin sheet materials to provide reproducibly creased specimens for testing water vapor transmission. It is not applicable to paperboard.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 476 om-2021 (R202x), Abrasion loss of paper and paperboard (Taber-type method) (reaffirmation of ANSI/TAPPI T 476 om-2021)
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This method determines the resistance of paper and paperboard surfaces to the action of abrasion, either wet or dry, by measuring abrasion loss. This test is not applicable to surfaces treated with wax or similar materials which would fill in the pores of the abrasive wheels.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 541 om-2021 (R202x), Internal bond strength of paperboard (z-direction tensile) (reaffirmation of ANSI/TAPPI T 541 om-2021)
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This method describes a procedure for measuring the internal fiber bond strength (z-direction tensile strength) of paperboard using an instrument that separates a specimen adhered between a 6.45-cm2 (1-in.2) platen and a self-aligning platen.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 564 sp-20212x (R202x), Transparent chart for the estimation of defect size (reaffirmation of ANSI/TAPPI T 564 sp-20212x)
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

The transparent chart developed for this method may be used to estimate the size (area) of spots, defects, and/or other inclusions over the range of 0.02 to 5.00 mm2. The measurements provided on the chart correspond to the dots only. Rectangles on the chart can be used for visual comparison; however, they are not measured.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 566 om-2021 (R202x), Bending resistance (stiffness) of paper (Taber-type tester in 0 to 10 Taber stiffness unit configuration) (reaffirmation of ANSI/TAPPI T 566 om-2021)
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This test method covers a procedure used to measure the resistance to bending of papers which are of low grammage, or high flexibility, or both, and which exhibit bending stiffness in the range of 0 to 10 Taber stiffness units.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 572 sp-2013 (R202x), Accelerated pollutant aging of printing and writing paper by pollution chamber exposure apparatus (reaffirmation of ANSI/TAPPI T 572 sp-2013 (R2021))
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This standard practice describes a laboratory procedure for the exposure of printing and writing paper to the common atmospheric pollutant gas nitrogen dioxide at elevated levels of concentration to permit accelerated aging of such paper.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 573 sp-2021 (R202x), Accelerated temperature aging of printing and writing paper by dry oven exposure apparatus (reaffirmation of ANSI/TAPPI T 573 sp-2021)
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This standard practice describes a laboratory procedure for accelerating the aging of printing and writing paper within sealed glass tubes through exposure to elevated temperature within an oven.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 577 om-2021 (R202x), Score bend test (reaffirmation of ANSI/TAPPI T 577 om-2021)
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This procedure is used to determine the score bend resistance of a scored and unscored sample of a paperboard carton. Score bend resistance of a score on a paper carton is an important parameter to determine the force required to close a carton flap during a product filling operation on a packaging machine.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 650 om-2015 (R202x), Solids content of black liquor (reaffirmation of ANSI/TAPPI T 650 om-2015 (R2021))
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This method is designed to measure gravimetrically the solids content of weak and strong black liquors as they exist, or will exist, at the point of injection into the recovery furnace.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 844 om-2021 (R202x), Determining construction (nominal basis weight) of corrugated board (reaffirmation of ANSI/TAPPI T 844 om-2021)
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This method describes a procedure to determine the nominal basis weight (grade) of the components of corrugated board. Test specimens of corrugated fiberboard are treated with water so that the component layers can be separated, dried, and weighed. The goal of the method is not to determine the exact basis weights of the papers comprising a corrugated specimen, but rather to identify the probable marketing grade under which the papers were likely sold.

TAPPI (Technical Association of the Pulp and Paper Industry)

Sidney Onyekwere <standards@tappi.org> | 15 Technology Parkway, Suite 115 | Peachtree Corners, GA 30092 www.tappi.org

Reaffirmation

BSR/TAPPI T 1212 sp-2021 (R202x), Light sources for evaluating papers including those containing fluorescent whitening agents (reaffirmation of ANSI/TAPPI T 1212 sp-2021)
Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI Standard.

Interest Categories: Producers, Converters, Suppliers of chemical/raw materials, Suppliers of manufacturing equipment, Service and general suppliers, Commercial users, Marketers and Commercial Sellers, Consultants, Educators, General Interest

This standard practice covers the significance and application of both instrumental and visual light sources for evaluating papers and related materials including those containing fluorescent whitening agents. The information presented is based on accepted proposals of the Inter Society Color Council (ISCC), Commission Internationale d'Eclairage (CIE), International Standards Organization (ISO), standards Institute (ANSI), TAPPI, and TAPPI Optical Properties Committee experience. Also presented is a method for the visual evaluation of a color match under standard conditions of illumination.

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 14, 2025

NSF (NSF International)

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

Revision

BSR/NSF 53-202x (i163r3), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2024)
The POU and POE systems addressed by this standard are designed to be used for the reduction of specific substances that may be present in drinking water (public or private) considered to be microbiologically safe and of known quality. Systems covered under this standard are intended to reduce substances that are considered established or potential health hazards.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Monica Milla <mmilla@nsf.org>

NSF (NSF International)

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

Revision

BSR/NSF 58-202x (i116r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58 -2024)
The point-of-use (POU) RO drinking water treatment 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 by this standard are intended for reduction of total dissolved solids (TDS) and other contaminants specified herein.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Monica Milla <mmilla@nsf.org>

Comment Deadline: September 14, 2025

NSF (NSF International)

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

Revision

BSR/NSF 173-202x (i124r1), Dietary Supplements (revision of ANSI/NSF 173-2024a)
This standard contains requirements for dietary supplements that contain one or more of the following dietary ingredients: a vitamin, a mineral, an herb or other botanical, an amino acid, a dietary substance for use by humans to supplement the diet by increasing the total dietary intake, or a concentrate, metabolite, constituent, extract, or combinations of these ingredients.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Rachel Brooker <rbrooker@nsf.org>

NSF (NSF International)

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

Revision

BSR/NSF 455-2-202x (i65r2), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455 -2-2024)
This standard is intended to define a standardized approach for auditing to determine the level of compliance of dietary supplement products to 21 CFR Part 111, as well as incorporating additional retailer requirements.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Rachel Brooker <rbrooker@nsf.org>

ULSE (UL Standards and Engagement)

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

National Adoption

BSR/UL 62841-2-19-202x, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-19: Particular Requirements for Hand-Held Jointers (national adoption with modifications of IEC 62841-2-19)
Proposed adoption of the First Edition of IEC 62841-2-19, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 2-19: Particular Requirements for Hand-Held Jointers, as the First Edition of UL 62841-2-19.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.com/Home/ProposalsDefault.aspx.

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 207-202x, Standard for Safety for Refrigerant-Containing Components and Accessories, Nonelectrical (revision of ANSI/UL 207-2022)
The following is being recirculated for your review: (1) Revisions to address hard and soft tube/pipe used with refrigeration fittings; (2) Requirements for evaluating refrigeration fittings to requirements within ISO 14903.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable.

Comment Deadline: September 14, 2025

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 651-202x, Standard for Schedule 40, 80, Type EB, and A Rigid PVC Conduit and Fittings (revision of ANSI/UL 651-2022)
(1) Trade Size 6 (socket entrance average) should be 6.658, not 6.685; (2) PVC conduit hub fittings; (3) Inclusive Language; (4) PPFA recycled content; (5) Gripping of PVS for tensile testing; (6) Installation of 8" Rigid PVC Electrical Conduit; (7) Flammability Test for Fittings - Clause 7.2.2.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area"https://csds.ul.com/ProposalAvailable"

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 4200A-202x, Standard for Safety for Products Incorporating Button Batteries or Coin Cell Batteries (revision of ANSI/UL 4200A-2023)
Proposed revision of Figures 7B.1, 7B.2, 7B.3, 7B.4, and 7C.1 to ensure the presented figures align with the standard requirements on symbol and font height.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.com/Home/ProposalsDefault.aspx.

Comment Deadline: September 29, 2025

ACP (American Clean Power Association)

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

Addenda

BSR/ACP 101-1-202x, The Small Wind Turbine Standard (addenda to ANSI/ACP 101-1-2021)
The goal of this standard is to provide meaningful criteria upon which to assess the quality of the engineering that has gone into a small wind turbine and to provide consumers with performance data that will help them make informed purchasing decisions and an assurance that a turbine has been certified to a national standard. The standard is intended to be written to ensure the quality of the product can be assessed while imposing only reasonable costs and difficulty on the manufacturer to comply with the standard.
Single copy price: Free
Obtain an electronic copy from: https://cleanpower.org/standards-development/
Send comments (copy psa@ansi.org) to: standards@cleanpower.org

Comment Deadline: September 29, 2025

ASA (ASC S12) (Acoustical Society of America)

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

Revision

BSR S12.7-202x, Methods for Measurement of Impulsive Noise (revision of ANSI ASA S12.7-1986 (R2024))
This standard describes two methods for accurately measuring the waveforms of impulsive sounds (such as quarry and mining explosions, rifle firing, or sonic booms) or a series of impulsive or transient sounds (such as pile drivers, riveting, or machine-gun firing). The standard describes two measurement methods, one for capturing the details of impulsive waveforms for scientific study and the second for capturing the impulsive waveform information important for use in human impulsive noise exposure metrics. The standard defines specific measurement requirements including sampling rates and bandwidth; specific measurement methods including type and orientation of microphones or pressure gauges; the specific waveform data to be collected; and the manner of reporting the measured waveforms, system calibrations, measurement set-up, and measurement methods used. This standard does not describe human impulsive noise exposure metrics or exposure criteria.
Single copy price: $136.00
Obtain an electronic copy from: standards@acousticalsociety.org
Send comments (copy psa@ansi.org) to: Nancy Blair-DeLeon <standards@acousticalsociety.org>

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE/ISO 3463-2006 SEP2017 (R202x), Tractors for agriculture and forestry - Roll-over protective structures (ROPS) - Dynamic test method and acceptance conditions (reaffirm a national adoption ANSI/ASABE/ISO 3463-2006 SEP2017 (R2020))
This standard specifies a dynamic test method and the acceptance conditions for rollover protective structures (cab or frame) of wheeled tractors for agriculture and forestry. It is applicable to tractors having at least two axles for wheels mounted with pneumatic tyres, or having tracks instead of wheels, with an unballasted tractor mass of not less than 600 kg, but generally less than 6000 kg, and with a minimum track width of the rear wheels greater than 1150 mm.
Single copy price: Free
Obtain an electronic copy from: stell@asabe.org
Send comments (copy psa@ansi.org) to: Sadie Stell <stell@asabe.org>

ASB (ASC Z50) (American Society of Baking)

1415 Shelby Street, Suite A, Indianapolis, IN 46203 | sday@asbe.org, www.asbe.org

Reaffirmation

BSR/ASB Z50.1-2006 (R202x), Bakery Equipment - Safety Requirements (reaffirmation and redesignation of ANSI/ASB Z50.1-2006 (R2016))
This standard applies to the design, construction, installation, safe operation, and maintenance of bakery machinery and equipment.
Single copy price: $150.00 (non-members)/$45.00 (members)
Obtain an electronic copy from: sday@asbe.org
Send comments (copy psa@ansi.org) to: Sarah Day <sday@asbe.org>

Comment Deadline: September 29, 2025

AWS (American Welding Society)

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

Revision

BSR/AWS A5.6/A5.6M-202x, Specification for Copper and Copper-Alloy Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.6/A5.6M-2008 (R2017))
This specification prescribes the requirements for classifications of copper and copper-alloy electrodes for shielded metal arc welding. Classification is based on chemical composition, mechanical properties, and usability of the electrodes. Additional requirements are included for manufacture, sizes, lengths, and packaging. A guide is appended to the specification as a source of information concerning the classification system employed and intended use of the electrodes. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these are not equivalent, each system must be used independently of the other.
Single copy price: $33.00 (member) / $44.00 (non-member)
Obtain an electronic copy from: kbulger@aws.org
Send comments (copy psa@ansi.org) to: Same

AWS (American Welding Society)

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

Revision

BSR/AWS A5.7/A5.7M-202x, Specification for Copper and Copper-Alloy Bare Welding Rods and Electrodes (revision of ANSI/AWS A5.7/A5.7M-2007 (R2017))
This specification prescribes the requirements for classifications of copper and copper-alloy electrodes and rods for gas shielded metal arc, gas shielded tungsten arc, and plasma arc welding. Classification is based on chemical composition of the filler metal. Additional requirements are included for manufacture, sizes, lengths, and packaging. A guide is appended to the specification as a source of information concerning the classification system employed and intended use of the electrodes. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these are not equivalent, each system must be used independently of the other.
Single copy price: $33.00 (member) / $44.00 (non-member)
Obtain an electronic copy from: kbulger@aws.org
Send comments (copy psa@ansi.org) to: Same

AWS (American Welding Society)

8669 NW 36th St, Miami, FL 3316 | acelaya@aws.org, www.aws.org

Revision

BSR/AWS D8.14M-202x, Specification for Automotive Weld Quality - Arc Welding of Aluminum (revision of ANSI/AWS D8.14M-2017)
This specification covers the arc welding of automotive components that are manufactured from aluminum alloys.
Single copy price: $42.00
Obtain an electronic copy from: acelaya@aws.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: September 29, 2025

AWWA (American Water Works Association)

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

Revision

BSR/AWWA C800-202x, Underground Service Line Valves and Fittings (revision of ANSI/AWWA C800-2021)
This standard covers valves, fittings, service saddles, and meter setters for use in a service line from the main through the meter valve or meter-setting appurtenance. Valves, fittings, and meter setters described in this standard includes 1/2 in. (12.5 mm) through 2 in. (50.8 mm). Service saddles described have outlet sizes 1/2 in. (12.5 mm) through 2 in. (50.8 mm) and fit mains of 2 in. (50.8 mm) through 12 in. (304.8 mm).
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)

AWWA (American Water Works Association)

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

Revision

BSR/AWWA C153/A21.53-202x, Ductile-Iron Compact Fittings (revision of ANSI/AWWA C153/A21.53-2019)
This standard describes 3-in. through 64-in. (80-mm through 1,600-mm) ductile-iron compact fittings to be used with ductile-iron pipe or pipe made of other materials with similar outside diameters for conveying potable water, wastewater, and 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)

BHMA (Builders Hardware Manufacturers Association)

529 14th Street NW, Suite 1280, Washington, DC 20045 | agambrall@kellencompany.com, www.buildershardware.com

Revision

BSR/BHMA A156.1-202x, Standard for Butts and Hinges (revision of ANSI/BHMA A156.1-2021)
This Standard establishes requirements for butts and hinges. Cycle tests, lateral and vertical wear tests, friction tests, strength tests, material and dimensional requirements are included.
Single copy price: $36.00 (non-member); $18.00 (member)
Obtain an electronic copy from: agambrall@kellencompany.com
Send comments (copy psa@ansi.org) to: Same

BHMA (Builders Hardware Manufacturers Association)

529 14th Street NW, Suite 1280, Washington, DC 20045 | agambrall@kellencompany.com, www.buildershardware.com

Revision

BSR/BHMA A156.19-202x, Standard for Power-Assist and Low-Energy Power-Operated Swinging Doors (revision of ANSI/BHMA A156.19-2019)
Requirements in this Standard apply to single, simultaneous pair and dual egress swing door operators. The operator types are power assist, and low energy power operators, for pedestrian use, and some small vehicular use. It does not address doors, finish, or hardware. The activation of all doors described in this standard requires a knowing act. Included are provisions intended to reduce the chance of user injury or entrapment. These products are intended to improve accessibility.
Single copy price: $36.00 (non-member); $18.00 (member)
Obtain an electronic copy from: agambrall@kellencompany.com
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: September 29, 2025

BHMA (Builders Hardware Manufacturers Association)

529 14th Street NW, Suite 1280, Washington, DC 20045 | agambrall@kellencompany.com, www.buildershardware.com

Revision

BSR/BHMA A156.38-202x, Standard for Low-Energy Power-Operated Sliding and Folding Doors (revision of ANSI/BHMA A156.38-2019)
Requirements in this Standard apply to low-energy power-operated sliding and folding door systems for pedestrian use and some small vehicular use. The activation of all doors described in this standard requires a knowing act. Included are provisions intended to reduce the chance of user injury or entrapment. These products are intended to improve accessibility.
Single copy price: $36.00 (non-member); $18.00 (member)
Obtain an electronic copy from: agambrall@kellencompany.com
Send comments (copy psa@ansi.org) to: Same

BHMA (Builders Hardware Manufacturers Association)

529 14th Street NW, Suite 1280, Washington, DC 20045 | agambrall@kellencompany.com, www.buildershardware.com

Revision

BSR/BHMA A156.44-202x, Standard for Hardware for Architectural Glass Openings (revision of ANSI/BHMA A156.44-2021)
This Standard establishes performance requirements for architectural hardware used on swinging architectural glass doors and includes operational, cycle, strength, and security tests.
Single copy price: $36.00 (non-member); $18.00 (member)
Obtain an electronic copy from: agambrall@kellencompany.com
Send comments (copy psa@ansi.org) to: Same

BOMA (Building Owners and Managers Association)

1101 15th Street, NW, Suite 800, Washington, DC 20005 | education@boma.org, www.boma.org

Revision

BSR/BOMA Z65.5-202x, BOMA 2025 for Retail Properties Standard Method of Measurement (revision of ANSI/BOMA Z65.5-2020)
This 2025 Retail Standard includes many new features, enhancements, and clarifications from its predecessor. Key among them are the inclusion of certain outdoor areas, the option of determining proportionate share allocations of Parking Areas, Major Vertical Penetrations, and Service and Public Areas (Non-Tenanted Areas) according to the Gross Leasable Areas of the Property's Occupants, and compatibility with International Property Measurement Standards: Retail Buildings. Furthermore, this document includes improved text and illustrations throughout, helpful hints, and an easier step-by-step layout. It also addresses many questions that users of the BOMA standard have asked about previous versions of the standard.
Single copy price: $The draft standard is available free of charge
Obtain an electronic copy from: education@boma.org
Send comments (copy psa@ansi.org) to: klor@boma.org

Comment Deadline: September 29, 2025

CTA (Consumer Technology Association)

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

New Standard

BSR/CTA 2045.4-202x, Extension of CTA-2045-B, Implementation Guide for the Modular Communications Interface for Energy Management (new standard)
ANSI/CTA-2045.4 complements ANSI/CTA-2045-B. This is as an extension to ANSI/CTA-2045-B, which provides requirements that are additive and complementary to the original protocol. It describes enhancements and brings clarity to the appliance communication and control capabilities.
Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Send comments (copy psa@ansi.org) to: standards@cta.tech

IAPMO (International Association of Plumbing & Mechanical Officials)

4755 East Philadelphia Street, Ontario, CA 91761-2816 | gaby.davis@iapmo.org, www.iapmo.org

Revision

BSR/IAPMO UMC 1-2027-202x, Uniform Mechanical Code (revision of ANSI/IAPMO UMC 1-2024)
This code provides minimum standards to safeguard life or limb, health, property, and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation, and maintenance or use of heating, ventilating, cooling, refrigeration systems, incinerators, and other miscellaneous heat-producing appliances. The provisions of this code apply to the erection, installation, alteration, repair, relocation, replacement, addition to, use, or maintenance of mechanical systems.
Single copy price: $10.00
Obtain an electronic copy from: Hugo.Aguilar@iapmo.org
Send comments (copy psa@ansi.org) to: Gabriella Davis, Gaby.Davis@iapmo.org

IAPMO (International Association of Plumbing & Mechanical Officials)

4755 East Philadelphia Street, Ontario, CA 91761-2816 | gaby.davis@iapmo.org, www.iapmo.org

Revision

BSR/IAPMO UPC 1-2027-202x, Uniform Plumbing Code (revision of ANSI/IAPMO UPC 1-2024)
This code provides minimum standards and requirements to safeguard life or limb, health, property, and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation, and maintenance or use of plumbing systems. The provisions of this code apply to the erection, installation, alteration, repair, relocation, addition to, use of, or maintenance of plumbing systems.
Single copy price: $10.00
Obtain an electronic copy from: hugo.aguilar@iapmo.org
Send comments (copy psa@ansi.org) to: Gabriella Davis, Gaby.Davis@iapmo.org

Comment Deadline: September 29, 2025

ISA (International Society of Automation)

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

Reaffirmation

BSR/ISA 67.01.01-2019 (R202x), Transducer and Transmitter Installation for Nuclear Safety Applications (reaffirmation of ANSI/ISA 67.01.01-2019)
This standard provides detailed requirements and guidance for the proper installation of transducers, transmitters, and related instrumentation used in safety-related systems outside the nuclear reactor vessel. This ensures accurate and reliable performance even under the rigorous conditions typical of nuclear power environments, thus supporting the integrity and safety of critical measurement and control.
Single copy price: $60.00 (Non-member); $48.00 (Member)
Obtain an electronic copy from: standards@isa.org
Send comments (copy psa@ansi.org) to: Torry Bailey <tbailey@isa.org>

NEMA (National Electrical Manufacturers Association)

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

New Standard

BSR/MG 10011-2025-202x, Power Index Calculation Procedure - Standard Rating Methodology for Motors, Power Drive Systems, and Complete Drive Modules (new standard)
Establishes the NEMA Power Index calculation procedure for use on fixed speed induction, synchronous, and inverter-only motors in standalone configurations and as part of a power drive system. This calculation allows motor and drive end users to attain a rank ordering and conservative estimate of energy savings relative to a fixed speed baseline product.
Single copy price: $147.00
Obtain an electronic copy from: https://store.accuristech.com/
Send comments (copy psa@ansi.org) to: Michael Leibowitz <mike.leibowitz@nema.org>

ULSE (UL Standards and Engagement)

1603 Orrington Avenue, Evanston, IL 60201 | Vanessa.Johanneson@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 972-2005 (R202x), Burglary Resisting Glazing Material (reaffirmation of ANSI/UL 2021-2021)
Reaffirmation and continuance of the 6th Edition of the Standard for Burglary Resisting Glazing Material, UL 972, 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: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: September 29, 2025

ULSE (UL Standards and Engagement)

1603 Orrington Avenue, Evanston, IL 60201 | Vanessa.Johanneson@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 1004-9-2021 (R202x), Form Wound and Medium Voltage Rotating Electrical Machines (reaffirmation of ANSI/UL 1004-9-2021)
Reaffirmation and continuance of the 1st Edition of the Standard for Form Wound and Medium Voltage Rotating Electrical Machines, UL 1004-9, 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: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)

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

Reaffirmation

BSR/UL 2040-2015 (R202x), Standard for Safety for Folding Rollaway Tables (reaffirmation of ANSI/UL 2040 -2015 (R2020))
Reaffirmation and continuance of the 2nd Edition of the Standard for Safety for Folding Rollaway Tables, UL 2040, 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: 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, Research Triangle Park, NC | akhira.watson@ul.org, https://ulse.org/

Revision

BSR/UL 248-9-202x, Standard for Low-Voltage Fuses - Part 9: Class K Fuses (revision of ANSI/UL 248-9-2005 (R2020))
A proposed New Edition (3rd Edition) of UL 248-9, Standard for Low-Voltage Fuses - Part 9: Class K Fuses.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)

12 Laboratory Drive, Research Triangle Park, NC | akhira.watson@ul.org, https://ulse.org/

Revision

BSR/UL 248-14-202x, Standard for Low-Voltage Fuses - Part 14: Supplemental Fuses (revision of ANSI/UL 248 -14-2005 (R2020))
A proposed New Edition (3rd Edition) of UL 248-14, Standard for Low-Voltage Fuses - Part 14: Supplemental Fuses.
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

Comment Deadline: October 14, 2025

ASME (American Society of Mechanical Engineers)

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

New Standard

BSR/ASME PTC 9-202x, Performance Test Code for Displacement Compressors, Vacuum Pumps and Blowers (new standard)
The purpose of this Code is to establish rules for conducting tests of displacement compressors, vacuum pumps and blowers to determine the following: (a) Capacity in relation to speed, inlet pressure, and discharge pressure and (b) Power consumption in relation to speed, capacity, inlet pressure, discharge pressure, and intercooling. In addition, the Code provides rules for adjusting the test results to reconcile them with specified operating conditions.
Single copy price: Free
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Donnie Alonzo <alonzod@asme.org>

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME B30.28-2015 (R202x), Balance Lifting Units (reaffirmation of ANSI/ASME B30.28-2015 (R2020))
Volume B30.28 includes provisions that apply to the marking, construction, installation, inspection, testing, maintenance, and operation of balance lifting units (balancers). Balancers are distinguished by their ability to float the load. This Volume applies to balancers with fixed arm support and balancers with overhead flexible lifting medium.
Single copy price: $43.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Kathleen Peterson <petersonk@asme.org>

ULSE (UL Standards and Engagement)

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

National Adoption

BSR/UL 62841-3-3-202x, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-3: Particular requirements for transportable planers and thicknessers (identical national adoption of IEC 62841-3-3)
Proposal to adopt IEC 62841-3-3, 1st Edition as a new UL 62841-3-3 Ed. 1 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-3: Particular requirements for transportable planers and thicknessers.
Single copy price: Free
Order from: https://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: https://csds.ul.com/Home/ProposalsDefault.aspx.

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:

AAMI (Association for the Advancement of Medical Instrumentation)

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

BSR/AAMI/ISO 8637-1-202x, Extracorporeal systems for blood purification-Part 1: Haemodialysers, haemodiafilters, haemofilters and haemoconcentrators (identical national adoption of ISO 8637-1:2024 and revision of ANSI/AAMI/ISO 8637-1-2017)
Send comments (copy psa@ansi.org) to: Jill Zajac <jzajac@aami.org>

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:

AAMI (Association for the Advancement of Medical Instrumentation)

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

BSR/AAMI/ISO 8637-2-202x, Extracorporeal systems for blood purification-Part 2: Extracorporeal blood and fluid circuits for haemodialysers, haemodiafilters, haemofilters and haemoconcentrators (identical national adoption of ISO 8637-2:2024 and revision of ANSI/AAMI/ISO 8637-2-2018)
Send comments (copy psa@ansi.org) to: Jill Zajac <jzajac@aami.org>

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:

AAMI (Association for the Advancement of Medical Instrumentation)

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

BSR/AAMI/ISO 8637-3-202x, Extracorporeal systems for blood purification-Part 3: Plasmafilters (identical national adoption of ISO 8637-3:2024 and revision of ANSI/AAMI/ISO 8637-3-2018)
Send comments (copy psa@ansi.org) to: Jill Zajac <jzajac@aami.org>

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:

ASTM (ASTM International)

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

BSR/ASTM D4226-202x, Test Methods for Impact Resistance of Rigid Poly(Vinyl Chloride) (PVC) Building Products (revision of ANSI/ASTM D4226-2019)
Send comments (copy psa@ansi.org) to: Laura Klineburger <accreditation@astm.org>

Project Withdrawn

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

ASTM (ASTM International)

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

BSR/ASTM D5206-202x, Test Method for Windload Resistance of Rigid Plastic Siding (revision of ANSI/ASTM D5206-2006)
Send comments (copy psa@ansi.org) to: Lauren Daly <accreditation@astm.org>

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:

ASTM (ASTM International)

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

BSR/ASTM D5319-202x, Specification for Glass-Fiber Reinforced Polyester Wall and Ceiling Panels (revision of ANSI/ASTM D5319-2017)
Send comments (copy psa@ansi.org) to: Lauren Daly <accreditation@astm.org>

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:

ASTM (ASTM International)

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

BSR/ASTM D7445-202x, Specification for Rigid Poly(Vinyl Chloride) (PVC) Siding with Foam Plastic Backing (Backed Vinyl Siding) (revision of ANSI/ASTM D7445-2018)
Send comments (copy psa@ansi.org) to: Lauren Daly <accreditation@astm.org>

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:

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, 3rd Floor, Piscataway, NJ 08854 | t.belmont@ieee.org, www.ieee.org

BSR/IEEE 666-202x, Design Guide for Electric Power Service Systems for Generating Stations (new standard)
Send comments (copy psa@ansi.org) to: Teresa Belmont <t.belmont@ieee.org>

Project Withdrawn

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

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, 3rd Floor, Piscataway, NJ 08854 | t.belmont@ieee.org, www.ieee.org

BSR/IEEE 2673-202x, Standard for Patient Digital Biomedical Data Files with 3D Topological Mapping of Macroanatomy and Microanatomy for Use in Big Data and Augmented Intelligence Systems (new standard)
Send comments (copy psa@ansi.org) to: Teresa Belmont <t.belmont@ieee.org>

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:

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, 3rd Floor, Piscataway, NJ 08854 | t.belmont@ieee.org, www.ieee.org

BSR/IEEE 2864-202x, Guide for a Software Change Control System for Three-Dimensional (3D) Bioprinting of Tissue-Engineered Medical Products (TEMPs) (new standard)
Send comments (copy psa@ansi.org) to: Teresa Belmont <t.belmont@ieee.org>

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:

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, 3rd Floor, Piscataway, NJ 08854 | t.belmont@ieee.org, www.ieee.org

BSR/IEEE 3007.2-202x, Recommended Practice for the Maintenance of Industrial and Commercial Power Systems (revision of ANSI/IEEE 3007.2-2010)
Send comments (copy psa@ansi.org) to: Teresa Belmont <t.belmont@ieee.org>

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:

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, 3rd Floor, Piscataway, NJ 08854 | t.belmont@ieee.org, www.ieee.org

BSR/IEEE 7131-202X, Standard for Quantum Computing Performance Metrics & Performance Benchmarking (new standard)
Send comments (copy psa@ansi.org) to: Teresa Belmont <t.belmont@ieee.org>

Project Withdrawn

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

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, 3rd Floor, Piscataway, NJ 08854 | t.belmont@ieee.org, www.ieee.org

BSR/IEEE 11073-10426-202x, Health Informatics - Personal Health Device Communication - Device Specialization - Personal Respiratory Therapy Equipment (new standard)
Send comments (copy psa@ansi.org) to: Teresa Belmont <t.belmont@ieee.org>

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:

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, 3rd Floor, Piscataway, NJ 08854 | t.belmont@ieee.org, www.ieee.org

BSR/IEEE 62271-37-082-202x, High-voltage Switchgear and Controlgear - Part 37-082: Standard Practice for the Measurement of Sound Pressure Levels on Alternating Current Circuit-breakers (new standard)
Send comments (copy psa@ansi.org) to: Teresa Belmont <t.belmont@ieee.org>

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:

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, 3rd Floor, Piscataway, NJ 08854 | t.belmont@ieee.org, www.ieee.org

BSR/IEEE C62.38-202x, Test Methods and preferred values for hybrid integrated circuit components containing gas discharge tube and metal oxide varistor technologies (new standard)
Send comments (copy psa@ansi.org) to: Teresa Belmont <t.belmont@ieee.org>

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:

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, 3rd Floor, Piscataway, NJ 08854 | t.belmont@ieee.org, www.ieee.org

BSR/IEEE C135.62-202x, Standard for Zinc-Coated Forged Anchor Shackles (new standard)
Send comments (copy psa@ansi.org) to: Teresa Belmont <t.belmont@ieee.org>

Withdrawal of an ANS by ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

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

ANSI/ASTM D4495-2021, Test Method for Impact Resistance of Poly(Vinyl Chloride) (PVC) Rigid Profiles by Means of a Falling Weight (new standard)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lauren Daly <accreditation@astm.org>

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

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

ANSI/ASTM D4068-2017 (R2022), Specification for Chlorinated Polyethylene (CPE) Sheeting for Concealed Water-Containment Membrane (reaffirmation of ANSI/ASTM D4068-2017)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lauren Daly <accreditation@astm.org>

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

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

ANSI/ASTM D1494-2022, Test Method for Diffuse Light Transmission Factor of Reinforced Plastics Panels (revision of ANSI/ASTM D1494-2017)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lauren Daly <accreditation@astm.org>

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

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

ANSI/ASTM D3678-2019, Specification for Rigid Poly(Vinyl Chloride) (PVC) Interior-Profile Extrusions (revision of ANSI/ASTM D3678-2014)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lauren Daly <accreditation@astm.org>

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

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

ANSI/ASTM D3679-2024, Specification for Rigid Poly(Vinyl Chloride) (PVC) Siding (revision of ANSI/ASTM D3679 -2021)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lauren Daly <accreditation@astm.org>

Withdrawal of an ANS by ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

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

ANSI/ASTM D3841-2021, Specification for Glass-Fiber-Reinforced Polyester Plastic Panels (revision of ANSI/ASTM D3841-2016)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lauren Daly <accreditation@astm.org>

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

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

ANSI/ASTM D4226-2019, Test Methods for Impact Resistance of Rigid Poly(Vinyl Chloride) (PVC) Building Products (revision of ANSI/ASTM D4226-2016)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lauren Daly <accreditation@astm.org>

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

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

ANSI/ASTM D4477-2024, Specification for Rigid (Unplasticized) Poly(Vinyl Chloride) (PVC) Soffit (revision of ANSI/ASTM D4477-2022)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lauren Daly <accreditation@astm.org>

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

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

ANSI/ASTM D4726-2024, Specification for Rigid Poly(Vinyl Chloride) (PVC) Exterior-Profile Extrusions Used for Assembled Windows and Doors (revision of ANSI/ASTM D4726-2018)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lauren Daly <accreditation@astm.org>

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

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

ANSI/ASTM D4803-2024, Test Method for Predicting Heat Buildup in PVC Building Products (revision of ANSI/ASTM D4803-2018)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lauren Daly <accreditation@astm.org>

Withdrawal of an ANS by ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

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

ANSI/ASTM D5206-2024, Test Method for Windload Resistance of Rigid Plastic Siding (revision of ANSI/ASTM D5206-2019)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lauren Daly <accreditation@astm.org>

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

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

ANSI/ASTM D5319-2022, Specification for Glass-Fiber Reinforced Polyester Wall and Ceiling Panels (revision of ANSI/ASTM D5319-2017)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lauren Daly <accreditation@astm.org>

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

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

ANSI/ASTM D5926-2025, Specification for Poly(Vinyl Chloride) (PVC) Gaskets for Drain, Waste, and Vent (DWV), Sewer, Sanitary, and Storm Plumbing Systems (revision of ANSI/ASTM D5926-2015 (R2021))
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lauren Daly <accreditation@astm.org>

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

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

ANSI/ASTM D7082-2021, Specification for Polyethylene Stay In Place Form System for End Walls for Drainage Pipe (revision of ANSI/ASTM D7082-2015)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lauren Daly <accreditation@astm.org>

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

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

ANSI/ASTM D7254-2021, Specification for Polypropylene (PP) Siding (revision of ANSI/ASTM D7254-2020)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lauren Daly <accreditation@astm.org>

Withdrawal of an ANS by ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

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

ANSI/ASTM D7445-2024, Specification for Rigid Poly(Vinyl Chloride) (PVC) Siding with Foam Plastic Backing (Backed Vinyl Siding) (revision of ANSI/ASTM D7445-2018)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lauren Daly <accreditation@astm.org>

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

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

ANSI/ASTM D7793-2024, Specification for Insulated Vinyl Siding (revision of ANSI/ASTM D7793-2021)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lauren Daly <accreditation@astm.org>

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

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

ANSI/ASTM D7856-2021, Specification for Color and Appearance Retention of Solid and Variegated Color Plastic Siding Products using CIELab Color Space (revision of ANSI/ASTM D7856-2015A)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lauren Daly <accreditation@astm.org>

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

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

ANSI/ASTM D7990-2021, Test Method for Using Reflectance Spectra to Produce an Index of Temperature Rise in Polymeric Siding (revision of ANSI/ASTM D7990-2015)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lauren Daly <accreditation@astm.org>

Final Actions on American National Standards

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

ANS (American Nuclear Society)

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

ANSI/ANS 6.1.1-2020 (R2025), Photon and Neutron Fluence-to-Dose Conversion Coefficients (reaffirmation of ANSI/ANS 6.1.1-2020) Final Action Date: 8/7/2025 | *Reaffirmation*

ANSI/ANS 6.3.1-1987 (R2025), Program for Testing Radiation Shields in Light Water Reactors (LWR) (reaffirmation of ANSI/ANS 6.3.1-1987 (R2020)) Final Action Date: 8/7/2025 | *Reaffirmation*

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ANSI X9.100-160-2-2020 (R2025), Magnetic Ink Printing (MICR) - Part 2: EPC Field Use (reaffirmation of ANSI X9.100 -160-2-2020) Final Action Date: 8/7/2025 | *Reaffirmation*

ASTM (ASTM International)

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

ANSI/ASTM E3501-2025, Guide for the Forensic Analysis of Geological Materials by Scanning Electron Microscopy and Energy Dispersive X-Ray Spectrometry (new standard) Final Action Date: 8/1/2025 | *New Standard*

AWS (American Welding Society)

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

ANSI/AWS A5.18/A5.18M-2025, Specification for Carbon Steel Electrodes and Rods for Gas Shielded Arc Welding (revision of ANSI/AWS A5.18/A5.18M-2023) Final Action Date: 8/5/2025 | *Revision*

ANSI/AWS C7.4/C7.4M:AMD1-2025, Process Specification and Operator Qualification for Laser Beam Welding (revision and redesignation of ANSI/AWS C7.4/C7.4M-2017) Final Action Date: 8/11/2025 | *Revision*

ANSI/AWS D1.3/D1.3M-2025, Structural Welding Code-Sheet Steel (revision of ANSI/AWS D1.3/D1.3M-2018) Final Action Date: 8/5/2025 | *Revision*

CTA (Consumer Technology Association)

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

ANSI/CTA 2128-2025, Physical Activity Monitoring for Human Gait Biomechanics (new standard) Final Action Date: 8/7/2025 | *New Standard*

ANSI/CTA 2085 R-2025-2025, Definitions and Characteristics for VR Video and VR (reaffirmation of ANSI/CTA 2068 (R2025)) Final Action Date: 8/7/2025 | *Reaffirmation*

ANSI/CTA 2087 R-2025 (R2025), Recommendations and Best Practices for Connection and Use of Accessories for XR Technologies (reaffirmation of ANSI/CTA 2087-2019) Final Action Date: 8/7/2025 | *Reaffirmation*

ANSI/CTA 2052.3-A-2025, Performance Criteria and Testing Protocols for Features in Sleep Tracking Consumer Technology Devices and Applications (revision of ANSI/CTA/NSF 2052.3-2019) Final Action Date: 8/7/2025 | *Revision*

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

ANSI/EIA 364-100A-2012 (R2025), Marking Permanence Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-100A-2012 (R2019)) Final Action Date: 8/5/2025 | *Reaffirmation*

ANSI/EIA 60440-2014 (R2025), Method of Measurement of Non-Linearity in Resistors (reaffirmation of ANSI/EIA 60440 -2014 (R2019)) Final Action Date: 8/5/2025 | *Reaffirmation*

FM (FM Approvals)

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

ANSI/FM 7730-2025, Explosion Venting Devices (new standard) Final Action Date: 8/7/2025 | *New Standard*

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 Z1381-2025, Ambient Temperature Loop Systems (new standard) Final Action Date: 8/5/2025 | *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 2725.1-2025, Standard for Microwave Structural, Vascular, or Functional Brain Imaging Device Safety (new standard) Final Action Date: 8/7/2025 | *New Standard*

ANSI/IEEE C37.90.2-2025, Standard for Relays, Relay Systems, and Control Devices Used for Protection and Control of Electric Power Apparatus - Radiated Electromagnetic Interference Withstand Capability Requirements and Tests (new standard) Final Action Date: 8/5/2025 | *New Standard*

IKECA (International Kitchen Exhaust Cleaning Association)

2331 Rock Spring Road, Forest Hill, MD 21050 | nikki@ikeca.org, www.ikeca.org

ANSI/IKECA I10-2025, Standard for the Methodology for Inspection of Commercial Kitchen Exhaust Systems (revision of ANSI/IKECA I10-2020) Final Action Date: 8/7/2025 | *Revision*

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

ANSI ICEA S-75-381/NEMA WC 23058-2025, Portable and Power Feeder Cables for Use in Mines and Similar Applications (revision and redesignation of ANSI/ICEA S-75-381-2017/NEMA WC 58-2017) Final Action Date: 8/6/2025 | *Revision*

NSF (NSF International)

789 N Dixboro Rd, Ann Arbor, MI 48105 | bfreeman@nsf.org, www.nsf.org

ANSI/NSF/CAN 50-2025 (i219r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2024) Final Action Date: 8/7/2025 | *Revision*

ULSE (UL Standards and Engagement)

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

ANSI/UL 583-2025a, Standard for Safety for Electric-Battery-Powered Industrial Trucks (revision of ANSI/UL 583-2025) Final Action Date: 8/7/2025 | *Revision*

ULSE (UL Standards and Engagement)

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

ANSI/UL 1395-2025, Standard for Transients Test Method (revision of ANSI/UL 1395-2024) Final Action Date: 8/4/2025 | *Revision*

ANSI/UL 2443-2025, Standard for Flexible Sprinkler Hose with Fittings for Fire Protection Service (revision of ANSI/UL 2443-2024) Final Action Date: 8/4/2025 | *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.

ABMA (ASC B3) (American Bearing Manufacturers Association)

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

BSR B3.2-202x, Rolling Element Bearings - Aircraft Engine, Engine Gearbox, and Accessory Applications - Surface Visual Inspection (revision of ANSI B3.2-1992 (S2020])

ACP (American Clean Power Association)

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

BSR/ACP 101-1-202x, The Small Wind Turbine Standard (addenda to ANSI/ACP 101-1-2021)

ASA (ASC S12) (Acoustical Society of America)

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

BSR S12.7-202x, Methods for Measurement of Impulsive Noise (revision of ANSI ASA S12.7-1986 (R2024))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE/ISO 3463-2006 SEP2017 (R202x), Tractors for agriculture and forestry - Roll-over protective structures (ROPS) - Dynamic test method and acceptance conditions (reaffirm a national adoption ANSI/ASABE/ISO 3463 -2006 SEP2017 (R2020))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASAE S392-202x, Cotton Module Builder and Transporter Standard (revision of ANSI/ASAE S392.2 APR2005 (R2019))

ASME (American Society of Mechanical Engineers)

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

BSR/ASME B30.28-2015 (R202x), Balance Lifting Units (reaffirmation of ANSI/ASME B30.28-2015 (R2020))

ASME (American Society of Mechanical Engineers)

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

BSR/ASME PTC 9-202x, Performance Test Code for Displacement Compressors, Vacuum Pumps and Blowers (new standard)

AWS (American Welding Society)

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

BSR/AWS A5.6/A5.6M-202x, Specification for Copper and Copper-Alloy Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.6/A5.6M-2008 (R2017))

AWS (American Welding Society)

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

BSR/AWS A5.7/A5.7M-202x, Specification for Copper and Copper-Alloy Bare Welding Rods and Electrodes (revision of ANSI/AWS A5.7/A5.7M-2007 (R2017))

AWS (American Welding Society)

8669 NW 36th St, Miami, FL 3316 | acelaya@aws.org, www.aws.org

BSR/AWS D8.14M-202x, Specification for Automotive Weld Quality - Arc Welding of Aluminum (revision of ANSI/AWS D8.14M-2017)

BHMA (Builders Hardware Manufacturers Association)

529 14th Street NW, Suite 1280, Washington, DC 20045 | agambrall@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.1-202x, Standard for Butts and Hinges (revision of ANSI/BHMA A156.1-2021)

BHMA (Builders Hardware Manufacturers Association)

529 14th Street NW, Suite 1280, Washington, DC 20045 | agambrall@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.19-202x, Standard for Power-Assist and Low-Energy Power-Operated Swinging Doors (revision of ANSI/BHMA A156.19-2019)

BHMA (Builders Hardware Manufacturers Association)

529 14th Street NW, Suite 1280, Washington, DC 20045 | agambrall@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.38-202x, Standard for Low-Energy Power-Operated Sliding and Folding Doors (revision of ANSI/BHMA A156.38-2019)

BHMA (Builders Hardware Manufacturers Association)

529 14th Street NW, Suite 1280, Washington, DC 20045 | agambrall@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.44-202x, Standard for Hardware for Architectural Glass Openings (revision of ANSI/BHMA A156.44-2021)

BOMA (Building Owners and Managers Association)

1101 15th Street, NW, Suite 800, Washington, DC 20005 | education@boma.org, www.boma.org

BSR/BOMA Z65.5-202x, BOMA 2025 for Retail Properties Standard Method of Measurement (revision of ANSI/BOMA Z65.5-2020)

CTA (Consumer Technology Association)

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

BSR/CTA 2045.4-202x, Extension of CTA-2045-B, Implementation Guide for the Modular Communications Interface for Energy Management (new standard)

HFES (Human Factors & Ergonomics Society)

2001 K Street NW, 3rd Floor N., Washington, DC 20006 | skemp@hfes.org, www.hfes.org

BSR/HFES 900-202x, Human-AI Systems Test and Evaluation (HAISTE) (new standard)

NEMA (National Electrical Manufacturers Association)

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

BSR/MG 10011-2025-202x, Power Index Calculation Procedure - Standard Rating Methodology for Motors, Power Drive Systems, and Complete Drive Modules (new standard)

NSF (NSF International)

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

BSR/NSF 53-202x (i163r3), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2024)

NSF (NSF International)

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

BSR/NSF 58-202x (i116r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2024)

NSF (NSF International)

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

BSR/NSF 173-202x (i124r1), Dietary Supplements (revision of ANSI/NSF 173-2024a)

NSF (NSF International)

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

BSR/NSF 455-2-202x (i65r2), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2 -2024)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 200 sp-2015 (R202x), Laboratory beating of pulp (Valley beater method) (reaffirmation of ANSI/TAPPI T 200 sp-2015 (R2021))

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 213 om-2010 (R202x), Dirt in pulp - Chart method (reaffirmation of ANSI/TAPPI T 213 om-2010 (R2021))

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 220 sp-2021 (R202x), Physical testing of pulp handsheets (reaffirmation of ANSI/TAPPI T 220 sp -2021)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 222 om-2021 (R202x), Acid insoluble lignin in wood and pulp (reaffirmation of ANSI/TAPPI T 222 om -2021)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 227 om-2021 (R202x), Freeness of pulp (Canadian standard method) (reaffirmation of ANSI/TAPPI T 227 om-2021)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 248 sp-2015 (R202x), Laboratory beating of pulp (PFI mill method) (reaffirmation of ANSI/TAPPI T 248 sp-2015 (R2021))

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 259 om-2015 (R202x), Species identification of nonwood plant fibers (reaffirmation of ANSI/TAPPI T 259 om-2015 (R2021))

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 277 sp-2014 (R202x), Macro stickies content in pulp: The pick-up method (reaffirmation of ANSI/TAPPI T 277 sp-2014 (R2021))

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 278 sp-2021 (R202x), Pulp screening (Valley-type screening device) (reaffirmation of ANSI/TAPPI T 278 sp-2021)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 411 om-2015 (R202x), Thickness (caliper) of paper, paperboard, and combined board (reaffirmation of ANSI/TAPPI T 411 om-2015 (R2021))

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 425 om-2021 (R202x), Opacity of paper (15/d geometry, illuminant A/2 degrees, 89% reflectance backing and paper backing) (reaffirmation of ANSI/TAPPI T 425 om-2021)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 428 om-2021 (R202x), Hot water extractable acidity or alkalinity of paper (reaffirmation of ANSI/TAPPI T 428 om-2021)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 444 sp-2021 (R202x), Silver tarnishing by paper and paperboard (reaffirmation of ANSI/TAPPI T 444 sp-2021)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 448 om-2021 (R202x), Water vapor transmission rate of paper and paperboard at 23 degrees C and 50% RH (reaffirmation of ANSI/TAPPI T 448 om-2021)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 459 om-2021 (R202x), Surface strength of paper (wax pick test) (reaffirmation of ANSI/TAPPI T 459 om-2021)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 460 om-2021 (R202x), Air resistance of paper (Gurley method) (reaffirmation of ANSI/TAPPI T 460 om -2021)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 465 sp-2021 (R202x), Static creasing of paper for water vapor transmission tests (reaffirmation of ANSI/TAPPI T 465 sp-2021)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 476 om-2021 (R202x), Abrasion loss of paper and paperboard (Taber-type method) (reaffirmation of ANSI/TAPPI T 476 om-2021)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 541 om-2021 (R202x), Internal bond strength of paperboard (z-direction tensile) (reaffirmation of ANSI/TAPPI T 541 om-2021)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 564 sp-20212x (R202x), Transparent chart for the estimation of defect size (reaffirmation of ANSI/TAPPI T 564 sp-20212x)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 566 om-2021 (R202x), Bending resistance (stiffness) of paper (Taber-type tester in 0 to 10 Taber stiffness unit configuration) (reaffirmation of ANSI/TAPPI T 566 om-2021)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 572 sp-2013 (R202x), Accelerated pollutant aging of printing and writing paper by pollution chamber exposure apparatus (reaffirmation of ANSI/TAPPI T 572 sp-2013 (R2021))

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 573 sp-2021 (R202x), Accelerated temperature aging of printing and writing paper by dry oven exposure apparatus (reaffirmation of ANSI/TAPPI T 573 sp-2021)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 577 om-2021 (R202x), Score bend test (reaffirmation of ANSI/TAPPI T 577 om-2021)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 650 om-2015 (R202x), Solids content of black liquor (reaffirmation of ANSI/TAPPI T 650 om-2015 (R2021))

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 844 om-2021 (R202x), Determining construction (nominal basis weight) of corrugated board (reaffirmation of ANSI/TAPPI T 844 om-2021)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 1212 sp-2021 (R202x), Light sources for evaluating papers including those containing fluorescent whitening agents (reaffirmation of ANSI/TAPPI T 1212 sp-2021)

ULSE (UL Standards and Engagement)

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

BSR/UL 207-202x, Standard for Safety for Refrigerant-Containing Components and Accessories, Nonelectrical (revision of ANSI/UL 207-2022)

American National Standards (ANS) Announcements

Corrections

ASTM - ASTM International

BSR/ASTM WK89493-202x

The public review notice published on August 1, 2025, included an incorrect title for the following standard under review:

Incorrect Title:
BSR/ASTM WK89493-202x, Guide for Forensic Examination and Comparison of Paints and Coatings

Correct Title:
BSR/ASTM WK89493-202x, Guide for Detection and Preservation of Forensic Trace Evidence (new standard)

This correction is issued to clarify the proper title of the standard currently under review.

Please direct inquiries to: Laura Klineburger <accreditation@astm.org>

American National Standards (ANS) Process

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

Where to find Procedures, Guidance, Interpretations and More…

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

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

www.ansi.org/essentialrequirements

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

www.ansi.org/standardsaction

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

www.ansi.org/sdoaccreditation

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

www.ansi.org/asd

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

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

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

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

SDI (Canvass) - Steel Deck Institute

Effective July 11, 2025

The reaccreditation of **SDI - Steel Deck Institute** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on SDI -sponsored American National Standards, effective **July 11, 2025**. For additional information, please contact: Thomas Sputo, Steel Deck Institute (SDI (Canvass)) | 1731 NW 6th Street, Suite D, Gainesville, FL 32609 | (352) 378-0448, tsputo50@gmail.com

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

CSA - CSA America Standards Inc.

Meeting Time: November 10, 2025 from 1:00 P.M. to 4:30 P.M. EST

CSA Group will hold a hybrid Hydrogen Transportation Technical Committee meeting November 10, 2025 from 1:00 P.M. to 4:30 P.M. EST. For more information on the meeting and the agenda, contact Mark Duda at mark.duda@csagroup.org.

Guests planning to attend the meeting are required to notify the project manager listed below in advance of the meeting, and provide a brief explanation of interest. If you wish to present specific comments on an item of business, you are required to notify the project manager in writing no later than September 12, 2025. Notification shall include any material proposed for presentation to the Technical Committee. For information, please contact Project Manager, Mark Duda at mark.duda@csagroup.org.

ANSI Accredited Standards Developer

CSA - CSA America Standards Inc.

Meeting Time: November 10, 2025 from 8:30 A.M. to 12:00 P.M. EST

CSA Group will hold a hybrid Fuel Cell & Hydrogen Generation Technical Committee meeting November 10, 2025 from 8:30 A.M. to 12:00 P.M. EST. For more information on the meeting and the agenda, contact Mark Duda at mark.duda@csagroup.org.

Guests planning to attend the meeting are required to notify the project manager listed below in advance of the meeting, and provide a brief explanation of interest. If you wish to present specific comments on an item of business, you are required to notify the project manager in writing no later than September 12, 2025. Notification shall include any material proposed for presentation to the Technical Committee. For information, please contact Project Manager, Mark Duda at mark.duda@csagroup.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.

AAFS
American Academy of Forensic Sciences
410 North 21st Street
Colorado Springs, CO 80904
www.aafs.org

Teresa Ambrosius
tambrosius@aafs.org

ABMA (ASC B3)
American Bearing Manufacturers Association
1001 N. Fairfax Street, Suite 500
Alexandria, VA 22314
www.americanbearings.org

Phillip Olson
olson@americanbearings.org

ACP
American Clean Power Association
1299 Pennsylvania Ave. NW, Suite 1300
Washington, DC 20004
www.cleanpower.org

Duane Brown
dbrown@cleanpower.org

ANS
American Nuclear Society
1111 Pasquinelli Drive, Suite 350
Westmont, IL 60559
www.ans.org

Kathryn Murdoch
kmurdoch@ans.org

ASA (ASC S12)
Acoustical Society of America
1305 Walt Whitman Road, Suite 300
Melville, NY 11747
www.acousticalsociety.org

Raegan Ripley
standards@acousticalsociety.org

ASABE
American Society of Agricultural and Biological Engineers
2590 Niles Road
Saint Joseph, MI 49085
https://www.asabe.org/

Sadie Stell
stell@asabe.org

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

Sydney Ingeson
ingeson@asabe.org

ASB (ASC Z50)
American Society of Baking
1415 Shelby Street, Suite A
Indianapolis, IN 46203
www.asbe.org

Sarah Day
sday@asbe.org

ASC X9
Accredited Standards Committee X9, Incorporated
275 West Street, Suite 107
Annapolis, MD 21401
www.x9.org

Ambria Calloway
ambria.frazier@x9.org

ASME
American Society of Mechanical Engineers
Two Park Avenue, M/S 6-2B
New York, NY 10016
www.asme.org

Terrell Henry
ansibox@asme.org

ASTM
ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428
www.astm.org

Lauren Daly
accreditation@astm.org

AWS
American Welding Society
8669 NW 36th St
Miami, FL 3316
www.aws.org

Ady Celaya
acelaya@aws.org

AWS
American Welding Society
8669 NW 36th Street, Suite 130
Miami, 33166
www.aws.org

Exsenet Esler
eesler@aws.org

AWS
American Welding Society
8669 NW 36th Street, Suite 130
Miami, FL 33166
www.aws.org

Jennifer Rosario
jrosario@aws.org

Kevin Bulger
kbulger@aws.org

AWWA
American Water Works Association
6666 W. Quincy Avenue
Denver, CO 80235
www.awwa.org

Madeline Rohr
mrohr@awwa.org

BHMA
Builders Hardware Manufacturers Association
529 14th Street NW, Suite 1280
Washington, DC 20045
www.buildershardware.com

Tony Gambrall
agambrall@kellencompany.com

BOMA
Building Owners and Managers Association
1101 15th Street, NW, Suite 800
Washington, DC 20005
www.boma.org

Kia Lor
education@boma.org

CTA
Consumer Technology Association
1919 South Eads Street
Arlington, VA 22202
www.cta.tech

Catrina Akers
cakers@cta.tech

Kerri Haresign
KHaresign@cta.tech

ECIA
Electronic Components Industry Association
13873 Park Center Road, Suite 315
Herndon, VA 20171
www.ecianow.org

Laura Donohoe
ldonohoe@ecianow.org

FM
FM Approvals
One Technology Way
Norwood, MA 02062
www.fmapprovals.com

Josephine Mahnken
josephine.mahnken@fmapprovals.com

HFES
Human Factors & Ergonomics Society
2001 K Street NW, 3rd Floor N.
Washington, DC 20006
www.hfes.org

Steven Kemp
skemp@hfes.org

HPS (ASC N13)
Health Physics Society
950 Herndon Parkway, Suite 450
Herndon, VA 20170
www.hps.org

Amy Wride-Graney
awride-graney@burkinc.com

IAPMO
International Association of Plumbing & Mechanical Officials
4755 East Philadelphia Street
Ontario, CA 91761
www.iapmo.org

Gabriella Davis
gaby.davis@iapmo.org

IAPMO (Z)
International Association of Plumbing & Mechanical Officials
4755 East Philadelphia Street
Ontario, CA 91761
https://www.iapmostandards.org

Terry Burger
standards@iapmostandards.org

IEEE
Institute of Electrical and Electronics Engineers
445 Hoes Lane
Piscataway, NJ 08854
www.ieee.org

Suzanne Merten
s.merten@ieee.org

ISA (Organization)
International Society of Automation
3252 S. Miami Blvd, Suite 102
Durham, NC 27703
www.isa.org

Torry Bailey
tbailey@isa.org

NEMA
National Electrical Manufacturers Association
1300 North 17th Street, Suite 900
Rosslyn, VA 22209
www.nema.org

Michael Leibowitz
mike.leibowitz@nema.org

NEMA (ASC C8)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 900
Arlington, VA 22209
www.nema.org

Khaled Masri
Khaled.Masri@nema.org

NSF
NSF International
789 N Dixboro Rd
Ann Arbor, MI 48105
www.nsf.org

Brandan Freeman
bfreeman@nsf.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105
www.nsf.org

Monica Milla
mmilla@nsf.org

Rachel Brooker
rbrooker@nsf.org

TAPPI
Technical Association of the Pulp and Paper Industry
15 Technology Parkway, Suite 115
Peachtree Corners, GA 30092
www.tappi.org

Sidney Onyekwere
standards@tappi.org

ULSE
UL Standards & Engagement
100 Queen Street, Suite 1040
Ottawa, ON K1P 1
https://ulse.org/

Celine Eid
celine.eid@ul.org

ULSE
UL Standards & Engagement
12 Laboratory Drive
Research Triangle Park, NC 27709
https://ulse.org/

Doreen Stocker
Doreen.Stocker@ul.org

Marina Currie
marina.currie@ul.org

Nicolette Weeks
Nicolette.A.Weeks@ul.org

Shannon Henesy
shannon.henesy@ul.org

ULSE
UL Standards & Engagement
12 Laboratory Drive
Research Triangle Park, NC https://ulse.org/

Akhira Watson
akhira.watson@ul.org

ULSE
UL Standards & Engagement
1603 Orrington Avenue
Evanston, IL 60201
https://ulse.org/

Vanessa Johanneson
Vanessa.Johanneson@ul.org

IKECA (International Kitchen Exhaust Cleaning Association)
2331 Rock Spring Road
Forest Hill, MD 21050
www.ikeca.org

Nikki Augsburger
nikki@ikeca.org

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

Aircraft and space vehicles (TC 20)

ISO/DIS 9490, Space systems - Space Traffic Coordination (STC) - 10/25/2025, $125.00

ISO/DIS 14711, Space systems - Unmanned mission operations concepts - Guidelines - 10/27/2025, $53.00

Compressors, pneumatic tools and pneumatic machines (TC 118)

ISO/DIS 18623-1.2, Air compressors and compressed air systems - Air compressors - Part 1: Safety requirements - 8/8/2025, $107.00

Fertilizers and soil conditioners (TC 134)

ISO/DIS 25341, Fertilizers, Soil conditioners and Beneficial Substances - Determination of polyglutamic content - 10/25/2025, $62.00

Fine Bubble Technology (TC 281)

ISO/DIS 25549, Fine bubble technology - Evaluation method for determining the shear viscosity of fine bubble dispersions - 10/23/2025, $58.00

ISO/DIS 20304-4, Fine bubble technology - Water treatment applications - Part 4: Test method for evaluating the antifouling performance of fine bubble water in crossflow membrane filtration systems - 10/23/2025, $107.00

Implants for surgery (TC 150)

ISO/DIS 20014, Implants for surgery - Test method to evaluate delamination resistance of ultra-high molecular weight polyethylene materials used for orthopaedic implants - 10/23/2025, $46.00

Lifts, escalators, passenger conveyors (TC 178)

ISO/DIS 8102-1, Electrical requirements for lifts, escalators and moving walks - Part 1: Electromagnetic compatibility with regard to emissions - 9/22/2025, $71.00

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

ISO/DIS 19900, Oil and gas industries including lower carbon energy - General requirements for offshore structures - 10/25/2025, $146.00

ISO/DIS 24817, Petroleum, petrochemical and natural gas industries - Composite repairs for pipework - Qualification and design, installation, testing and integrity management - 9/25/2025, $155.00

Mechanical vibration and shock (TC 108)

ISO/DIS 2631-2, Mechanical vibration and shock - Evaluation of human exposure to whole-body vibration - Part 2: Vibration in buildings (1 Hz to 80 Hz) - 10/26/2025, $82.00

Natural gas (TC 193)

ISO/DIS 24895-1, Analysis of natural gas - Determination of particulate matter - Part 1: Determination of particles content by gravimetric method - 10/23/2025, $62.00

Nuclear energy (TC 85)

ISO/DIS 19991, Fusion technology - Experimental magnetic confinement fusion facilities - Supersonic molecular beam injection fueling technique for fusion devices - 10/24/2025, $58.00

Other

ISO/DIS 25116-2, Friction stir welding - Steel - Part 2: Specification and qualification of welding procedures - 10/18/2025, $82.00

Paints and varnishes (TC 35)

ISO/DIS 11998, Paints and varnishes - Determination of wet-scrub resistance of coatings - 10/4/2025, $77.00

Petroleum products and lubricants (TC 28)

ISO 7278-2:2022/DAmd 1, - Amendment 1: Petroleum measurement systems - Part 2: Pipe prover design, calibration and operation - Amendment 1 - 10/25/2025, $29.00

Sludge recovery, recycling, treatment and disposal (TC 275)

ISO/DIS 23880, Sludge recovery, recycling, treatment and disposal - Vocabulary - 10/26/2025, $82.00

Soil quality (TC 190)

ISO/DIS 15936, Soil, waste, treated biowaste and sludge - Determination of total organic carbon (TOC) by dry combustion - 10/26/2025, $67.00

Textiles (TC 38)

ISO/DIS 24269, Nonwovens - Performance requirements and test methods for filtration and safety - Materials intended for use in general use face coverings - 10/26/2025, $98.00

Tyres, rims and valves (TC 31)

ISO/DIS 18164, Motorcycle tyres rolling resistance measurement methods - Single point test - 10/27/2025, $88.00

ISO/DIS 28580, Passenger car, truck and bus tyre rolling resistance measurement methods - Single point test and correlation of measurement results - 10/26/2025, $98.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23053:2022/DAmd 1, - Amendment 1: Framework for Artificial Intelligence (AI) Systems Using Machine Learning (ML) - Amendment 1: Generative AI - 9/18/2025, $29.00

ISO/IEC 23090-24:2025/DAmd 1, - Amendment 1: Information technology - Coded representation of immersive media - Part 24: Conformance and reference software for scene description - Amendment 1: Conformance and reference software for scene description on haptics, augmented reality, avatar integration, interactivity and lighting - 10/25/2025, $58.00

ISO/IEC DIS 21617-1, Information technology - JPEG Trust - Part 1: Core foundation - 10/30/2025, $134.00

ISO/IEC DIS 21794-2, Information technology - Plenoptic image coding system (JPEG Pleno) - Part 2: Light field coding - 10/30/2025, $175.00

ISO/IEC DIS 23090-15, Information technology - Coded representation of immersive media - Part 15: Conformance testing for versatile video coding - 10/24/2025, $155.00

IEC Standards

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

100/4366/CD, IEC TR 63676-1 ED1: Multimedia systems and equipment for vehicle -External Visual Systems of eHMI (external Human-Machine Interfaces) for Automated Vehicles - Part 1: General, 10/03/2025

100/4367/CD, IEC TS 63614-2 ED1: Multimedia Systems and Equipment for Metaverse - Part 2: Classification, 10/03/2025

Automatic controls for household use (TC 72)

72/1496/CDV, IEC 60730-2-25 ED1: Automatic electrical controls -Part 2-25: Particular requirements for current sensing controls, 10/31/2025

Documentation and graphical symbols (TC 3)

3C/2606/ED, IEC 60417-C00536 ED1: Minimum vehicle cabin volume, 10/03/2025

3/1738/CDV, IEC 60617-C00294 ED1: IEC 60617 SDB classic procedure for Change request C00294; IEC 60617-S01934 Polarization control device, 10/31/2025

3D/452/ED, IEC 61360-C00183 ED3: Update of identification block ACC011 in the IEC CDD dictionary of IEC 62683, 10/03/2025

3D/453/ED, IEC 61360-C00186 ED3: Replacement of Identification Blocks in IEC 61987, 09/05/2025

Electric road vehicles and electric industrial trucks (TC 69)

69/1074/CD, IEC TS 63638 ED1: Electric vehicle conductive charging system - AC Vehicle-to-Load Device and Interface to the electric vehicle, 10/31/2025

Electric traction equipment (TC 9)

9/3232A/CDV, IEC 63452 ED1: Railway applications - Cybersecurity, 10/17/2025

9/3232(F)/CDV, Replaced by 9/3232A/CDV, 10/10/2025

Electrical equipment in medical practice (TC 62)

62C/956/CD, IEC 60976 ED3: Medical electrical equipment - Medical electron accelerators - Functional performance characteristics, 10/17/2025

62B/1387(F)/CDV, IEC 63483 ED1: Methods for spectral imaging performance evaluation of computed tomography, 10/17/2025

Electrical installations of buildings (TC 64)

64/2780/NP, PNW TS 64-2780 ED1: Electrical installation guide - Part 204: Application guides complying with IEC 60364 - Rotating generators, 10/03/2025

Electromagnetic compatibility (TC 77)

77A/1253/FDIS, IEC 61000-4-30 ED4: Electromagnetic compatibility (EMC) - Part 4-30: Testing and measurement techniques - Power quality measurement methods, 09/19/2025

Fibre optics (TC 86)

86A/2615/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

86A/2613(F)/FDIS, IEC 60794-1-129 ED1: Optical fibre cables - Part 1-129: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Straight midspan access to optical elements, Method E29, 09/12/2025

86A/2601/CDV, IEC 60794-1-135 ED1: Optical fibre cables - Part 1-135: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Sheave test, Method E35, 10/31/2025

86C/1983/CDV, IEC 62343/AMD1 ED3: Amendment 1 - Dynamic modules - Generic specification, 10/31/2025

Fire hazard testing (TC 89)

89/1623/CD, IEC 60695-11-2 ED4: Fire hazard testing - Part 11 -2: Test flames - 1 kW pre-mixed flame - Apparatus, confirmatory test arrangement and guidance, 10/03/2025

Flat Panel Display Devices (TC 110)

110/1778/CDV, IEC 62715-6-22 ED2: Flexible displays - Part 6 -22: Crease and waviness measurement methods for foldable displays, 10/31/2025

110/1777/CDV, IEC 63145-20-10 ED2: Eyewear display - Part 20 -10: Fundamental measurement methods - Optical properties, 10/31/2025

High-voltage testing techniques (TC 42)

42/462/NP, PNW 42-462 ED1: High-voltage test techniques - Infrared thermal imaging inspection of high-voltage electrical equipment, 10/31/2025

Industrial-process measurement and control (TC 65)

65C/1361/CD, IEC 63595-1 ED1: INDUSTRIAL NETWORKS - 5G Communication Technology - Part 1: Terms, definitions and fundamentals, 10/03/2025

Lightning protection (TC 81)

81/796(F)/CDV, IEC 62561-8 ED1: Lightning protection system components (LPSC) - Part 8: Requirements for components for electrically insulated LPS, 10/24/2025

Magnetic components and ferrite materials (TC 51)

51/1563/CDV, IEC 62674-1 ED2: High frequency inductive components - Part 1: Fixed surface mount inductors for use in electronic and telecommunication equipment, 10/03/2025

Maritime navigation and radiocommunication equipment and systems (TC 80)

80/1163(F)/FDIS, IEC 62065 ED3: Maritime navigation and radiocommunication equipment and systems - Track control systems - Operational and performance requirements, methods of testing and required test results, 08/29/2025

Measuring equipment for electromagnetic quantities (TC 85)

85/963/CDV, IEC 63580 ED1: Measuring equipment for electrical and electromagnetic quantities - Environmental aspects, 10/31/2025

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

113/915/NP, PNW TS 113-915 ED1: Nanomanufacturing - Key control characteristics - Part 12-01: 2D material-related products - Density of interface trapped charges: I-V curve analysis of field effect transistors, 10/31/2025

Performance of household electrical appliances (TC 59)

59L/295/CDV, IEC 60619 ED3: Electrically operated food preparation appliances - Methods for measuring the performance, 10/31/2025

Power electronics (TC 22)

22G/522A/CDV, IEC 61800-9-2/AMD1 ED2: Amendment 1 - Adjustable speed electrical power drive systems (PDS) - Part 9 -2: Ecodesign for motor systems - Energy efficiency determination and classificationTechnical corrections to calculations for correction factors., 10/17/2025

Safety of household and similar electrical appliances (TC 61)

61/7471/FDIS, IEC 60335-1/AMD1 ED6: Amendment 1 - Household and similar electrical appliances - Safety - Part 1: General requirements, 09/19/2025

61/7472/FDIS, IEC 62115/AMD1 ED2: Amendment 1 - Electric toys - Safety, 09/19/2025

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

66/864/CD, IEC 61010-2-030 ED4: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-030: Particular requirements for equipment having testing or measuring circuits, 10/31/2025

66/865/CD, IEC 61010-2-032 ED6: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-032: Particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement, 10/31/2025

66/866/CD, IEC 61010-2-033 ED4: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-033: Particular requirements for hand-held multimeters and other meters for domestic and professional use, capable of measuring mains voltage, 10/31/2025

66/867/CD, IEC 61010-2-034 ED3: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-034: Particular requirements for measurement equipment for insulation resistance and test equipment for electric strength, 10/31/2025

Secondary cells and batteries (TC 21)

21A/946(F)/FDIS, IEC 62133-1 ED2: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 1: Nickel systems - Single and multi-phase applications are included., 08/22/2025

Semiconductor devices (TC 47)

47A/1196/CD, IEC 62228-5 ED2: Integrated circuits - EMC evaluation of transceivers - Part 5: Ethernet transceivers, 10/03/2025

Superconductivity (TC 90)

90/548/CDV, IEC 61788-28 ED1: Mechanical properties measurement - Tensile test of practical REBCO and BSCCO composite superconductors at cryogenic temperatures, 10/31/2025

Surface mounting technology (TC 91)

91/2040(F)/CDV, IEC 63569 ED1: High-level test description table for development of production test programs, 09/26/2025

(TC)

CIS/A/1469/CDV, CISPR 16-1-1/AMD1/FRAG1 ED5: Amendment 1 - Fragment 1: 18 GHz - 40 GHz Instrumentation, 10/31/2025

SyCSET/54/NP, PNW TS SYCSET-54 ED1: Systems Assessment of Dynamic Carbon Emission Measurement for Electric Vehicles in the Operation Phase, 10/31/2025

SyCSET/55/NP, PNW TS SYCSET-55 ED1: Systems Assessment of the Automated High-Power Charging Solutions for Electric Vehicles, 10/31/2025

Wearable electronic devices and technologies (TC 124)

124/342/NP, PNW 124-342 ED1: Future IEC 63203-402-X: Wearable electronic devices and technologies - Part 402-X: Performance of stress measurements within limited context of wearable consumer stress monitoring solutions, 10/31/2025

124/343/NP, PNW 124-343 ED1: Future IEC 63203-402-X: Wearable electronic devices and technologies - Part 402-X: Definitions, Characteristics, and Performance Measurement for Features in Wearable Sleep Monitors, 10/31/2025

ISO/IEC JTC 1, Information Technology

(TC)

JTC1-SC41/534/CD, ISO/IEC 20924 ED4: Internet of Things (IoT) and digital twin - Vocabulary, 10/03/2025

JTC1-SC41/535/CD, ISO/IEC 30198 ED1: Internet of Things (IoT) - Edge computing gateway interoperability framework, 10/03/2025

Newly Published ISO & IEC Standards

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

ISO Standards

Agricultural food products (TC 34)

ISO 14470:2011, Food irradiation - Requirements for the development, validation and routine control of the process of irradiation using ionizing radiation for the treatment of food, $172.00

ISO 21446:2019, Infant formula and adult nutritionals - Determination of trans and total (cis + trans) vitamin K1 content - Normal phase HPLC, $172.00

ISO 22006:2009, Quality management systems - Guidelines for the application of ISO 9001:2008 to crop production, $259.00

Air quality (TC 146)

ISO 10312:2019, Ambient air - Determination of asbestos fibres - Direct transfer transmission electron microscopy method, $259.00

ISO 13794:2019, Ambient air - Determination of asbestos fibres - Indirect-transfer transmission electron microscopy method, $259.00

ISO 14966:2019, Ambient air - Determination of numerical concentration of inorganic fibrous particles - Scanning electron microscopy method, $230.00

ISO 30011:2025, Workplace air - Determination of metals and metalloids in airborne particulate matter by inductively coupled plasma mass spectrometry, $201.00

Aircraft and space vehicles (TC 20)

ISO 10785:2025, Space systems - Bellows - Design and operation, $127.00

ISO 21347:2025, Space systems - Fracture and damage control, $201.00

ISO 22552:2025, Space systems - Manufacturing readiness review, $84.00

ISO 23312:2022, Space systems - Detailed space debris mitigation requirements for spacecraft, $172.00

ISO 24113:2023, Space systems - Space debris mitigation requirements, $84.00

Bases for design of structures (TC 98)

ISO 22111:2019, Bases for design of structures - General requirements, $230.00

Building environment design (TC 205)

ISO 22510:2019, Open data communication in building automation, controls and building management - Home and building electronic systems - KNXnet/IP communication, $287.00

Compressors, pneumatic tools and pneumatic machines (TC 118)

ISO 8573-5:2025, Compressed air - Contaminant measurement - Part 5: Oil vapour content, $84.00

Cycles (TC 149)

ISO 8090:2019, Cycles - Terminology, $56.00

Dentistry (TC 106)

ISO 6877:2025, Dentistry - Endodontic obturating materials, $172.00

ISO 18618:2025, Dentistry - Interoperability of CAD/CAM systems, $259.00

Dimensional and Geometrical Product Specifications and Verification (TC 213)

ISO 8785:1998, Geometrical Product Specification (GPS) - Surface imperfections - Terms, definitions and parameters, $172.00

ISO 14405-1:2025, Geometrical product specifications (GPS) - Dimensional tolerancing - Part 1: Linear sizes, $259.00

Earth-moving machinery (TC 127)

ISO 6014:1986, Earth-moving machinery - Determination of ground speed, $56.00

ISO 6015:2006, Earth-moving machinery - Hydraulic excavators and backhoe loaders - Methods of determining tool forces, $127.00

ISO 6016:2008, Earth-moving machinery - Methods of measuring the masses of whole machines, their equipment and components, $84.00

ISO 6484:1986, Earth-moving machinery - Elevating scrapers - Volumetric ratings, $56.00

ISO 9248:1992, Earth-moving machinery - Units for dimensions, performance and capacities, and their measurement accuracies, $56.00

ISO 9249:2007, Earth-moving machinery - Engine test code - Net power, $84.00

ISO 10265:2008, Earth-moving machinery - Crawler machines - Performance requirements and test procedures for braking systems, $84.00

ISO 10266:1992, Earth-moving machinery - Determination of slope limits for machine fluid systems operation - Static test method, $56.00

ISO 10567:2007, Earth-moving machinery - Hydraulic excavators - Lift capacity, $127.00

ISO 16754:2008, Earth-moving machinery - Determination of average ground contact pressure for crawler machines, $56.00

ISO 14397-1:2007, Earth-moving machinery - Loaders and backhoe loaders - Part 1: Calculation of rated operating capacity and test method for verifying calculated tipping load, $127.00

ISO 14397-2:2007, Earth-moving machinery - Loaders and backhoe loaders - Part 2: Test method for measuring breakout forces and lift capacity to maximum lift height, $84.00

Elevating Work Platforms (TC 214)

ISO 16653-1:2008, Mobile elevating work platforms - Design, calculations, safety requirements and test methods relative to special features - Part 1: MEWPs with retractable guardrail systems, $56.00

Environmental management (TC 207)

ISO 14002-1:2019, Environmental management systems - Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area - Part 1: General, $84.00

Fertilizers and soil conditioners (TC 134)

ISO 5313:1986, High nitrogen content, straight ammonium nitrate fertilizers - Determination or oil retention, $56.00

Fine ceramics (TC 206)

ISO 4255:2025, Fine ceramics (advanced ceramics, advanced technical ceramics) - Mechanical properties of ceramic composites at high temperature - Determination of axial tensile properties of tubes, $172.00

Fluid power systems (TC 131)

ISO 6150:2018, Pneumatic fluid power - Cylindrical quick-action couplings for maximum working pressures of 1 MPa, 1,6 MPa, and 2,5 MPa (10 bar, 16 bar and 25 bar) - Plug connecting dimensions, specifications, application guidelines and testing, $127.00

ISO 16908:2014, Hydraulic filter element test methods - Thermal conditioning and cold start-up simulation, $127.00

Gas cylinders (TC 58)

ISO 10286:2025, Gas cylinders - Vocabulary, $259.00

Hydrogen energy technologies (TC 197)

ISO 17268-1:2025, Gaseous hydrogen land vehicle refuelling connection devices - Part 1: Flow capacities up to and including 120 g/s, $259.00

ISO 19880-7:2025, Gaseous hydrogen - Fuelling stations - Part 7: Rubber O-rings, $172.00

Hydrometric determinations (TC 113)

ISO 11657:2014, Hydrometry - Suspended sediment in streams and canals - Determination of concentration by surrogate techniques, $172.00

Implants for surgery (TC 150)

ISO 5834-2:2025, Implants for surgery - Ultra-high-molecular-weight polyethylene - Part 2: Moulded forms, $56.00

ISO 7207-2:2025, Implants for surgery - Components for partial and total knee joint prostheses - Part 2: Articulating surfaces made of metal, ceramic and plastics materials, $56.00

Industrial automation systems and integration (TC 184)

ISO 22400-1:2014, Automation systems and integration - Key performance indicators (KPIs) for manufacturing operations management - Part 1: Overview, concepts and terminology, $172.00

Iron ores (TC 102)

ISO 15633:2017, Iron ores - Determination of nickel - Flame atomic absorption spectrometric method, $127.00

ISO 15634:2015, Iron ores - Determination of chromium content - Flame atomic absorption spectrometric method, $127.00

Natural gas (TC 193)

ISO 6975:1997, Natural gas - Extended analysis - Gas-chromatographic method, $172.00

ISO 6974-5:2014, Natural gas - Determination of composition and associated uncertainty by gas chromatography - Part 5: Isothermal method for nitrogen, carbon dioxide, C1 to C5 hydrocarbons and C6+ hydrocarbons, $172.00

ISO 6974-6:2002, Natural gas - Determination of composition with defined uncertainty by gas chromatography - Part 6: Determination of hydrogen, helium, oxygen, nitrogen, carbon dioxide and C1 to C8 hydrocarbons using three capillary columns, $127.00

Nuclear energy (TC 85)

ISO 10276:2019, Nuclear energy - Fuel technology - Trunnion systems for packages used to transport radioactive material, $172.00

ISO 10981:2004, Nuclear fuel technology - Determination of uranium in reprocessing-plant dissolver solution - Liquid chromatography method, $84.00

Other

ISO 24117:2020, Tableware, giftware, jewellery and luminaries, made of glass - Glass clarity - Classification and test method, $84.00

Packaging (TC 122)

ISO 15394:2017, Packaging - Bar code and two-dimensional symbols for shipping, transport and receiving labels, $259.00

Paints and varnishes (TC 35)

ISO 11124-7:2025, Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 7: High chromium white cast iron grit, $56.00

Petroleum products and lubricants (TC 28)

ISO 8754:2025, Petroleum products - Determination of sulfur content - Energy-dispersive X-ray fluorescence spectrometry, $84.00

ISO 22854:2025, Liquid petroleum products - Determination of hydrocarbon types and oxygenates in automotive-motor gasoline and in ethanol (E85) automotive fuel - Multidimensional gas chromatography method, $201.00

ISO 23505:2025, Petroleum and liquid petroleum products - Calibration of spherical tanks - External electro-optical distance-ranging method, $172.00

Plastics (TC 61)

ISO 877-1:2025, Plastics - Methods of exposure to solar radiation - Part 1: General guidance, $127.00

ISO 8989:1995, Plastics - Liquid phenolic resins - Determination of water miscibility, $56.00

Railway applications (TC 269)

ISO 19659-1:2017, Railway applications - Heating, ventilation and air conditioning systems for rolling stock - Part 1: Terms and definitions, $56.00

Rare earth (TC 298)

ISO 17887:2025, Traceability of rare earths in the supply chain from separated products to permanent magnets, $127.00

ISO 24181-1:2024, Rare earth - Determination of non-rare earth impurities in individual rare earth metals and their oxides - ICP-AES - Part 1: Analysis of Al, Ca, Mg, Fe and Si, $84.00

Rubber and rubber products (TC 45)

ISO 3387:2020, Rubber - Determination of crystallization effects by hardness measurements, $84.00

Sieves, sieving and other sizing methods (TC 24)

ISO 13099-2:2025, Colloidal systems - Methods for zeta-potential determination - Part 2: Optical methods, $172.00

Small craft (TC 188)

ISO 12401:2009, Small craft - Deck safety harness and safety line - Safety requirements and test methods, $127.00

Soil quality (TC 190)

ISO 22190:2020, Soil quality - Use of extracts for the assessment of bioavailability of trace elements in soils, $127.00

ISO 21268-4:2019, Soil quality - Leaching procedures for subsequent chemical and ecotoxicological testing of soil and soil-like materials - Part 4: Influence of pH on leaching with initial acid/base addition, $201.00

Solar energy (TC 180)

ISO 9059:2025, Solar energy - Calibration of pyrheliometers by comparison to a reference pyrheliometer, $201.00

ISO 9846:2025, Solar energy - Calibration of a pyranometer using a pyrheliometer, $230.00

Solid mineral fuels (TC 27)

ISO 540:2025, Hard coal - Determination of ash fusibility, $84.00

ISO 625:2025, Coal and coke - Determination of carbon and hydrogen - Liebig method, $127.00

Springs (TC 227)

ISO 22705-2:2023, Springs - Measurement and test parameters - Part 2: Cold formed cylindrical helical extension springs, $230.00

ISO 22705-3:2024, Springs - Measurement and test parameters - Part 3: Cold formed cylindrical helical torsion springs, $201.00

Surface chemical analysis (TC 201)

ISO 17560:2014, Surface chemical analysis - Secondary-ion mass spectrometry - Method for depth profiling of boron in silicon, $84.00

ISO 23812:2009, Surface chemical analysis - Secondary-ion mass spectrometry - Method for depth calibration for silicon using multiple delta-layer reference materials, $172.00

(TC 351)

ISO 18295-1:2017, Customer contact centres - Part 1: Requirements for customer contact centres, $127.00

ISO 18295-2:2017, Customer contact centres - Part 2: Requirements for clients using the services of customer contact centres, $56.00

Terminology (principles and coordination) (TC 37)

ISO 17100:2015, Translation services - Requirements for translation services, $172.00

Thermal insulation (TC 163)

ISO 10456:2007, Building materials and products - Hygrothermal properties - Tabulated design values and procedures for determining declared and design thermal values, $172.00

ISO 52022-3:2017, Energy performance of buildings - Thermal, solar and daylight properties of building components and elements - Part 3: Detailed calculation method of the solar and daylight characteristics for solar protection devices combined with glazing, $201.00

Tobacco and tobacco products (TC 126)

ISO 13110:2025, Cigarettes - Determination of menthol in total particulate matter from mainstream cigarette smoke with a smoking regime according to ISO 3308 (standard smoking regime) - Gas chromatographic method, $84.00

ISO 15592-3:2025, Fine-cut tobacco and smoking articles made from it - Methods of sampling, conditioning and analysis - Part 3: Determination of total particulate matter of smoking articles using a routine analytical smoking machine, preparation for the determination of water and nicotine, and calculation of nicotine-free dry particulate matter, $127.00

Tourism and related services (TC 228)

ISO 21406:2020, Tourism and related services - Yacht harbours - Essential requirements for luxury harbours, $172.00

Transfusion, infusion and injection equipment for medical use (TC 76)

ISO 8536-16:2025, Infusion equipment for medical use - Part 16: Infusion sets for single use with volumetric infusion controllers, $84.00

Waste collection and transportation management (TC 297)

ISO 13155:2025, Refuse collection vehicles - Vocabulary, classification and requirements for commercial specifications, $201.00

Water quality (TC 147)

ISO 13165-4:2025, Water quality - Radium-226 - Part 4: Test method using alpha spectrometry, $201.00

Water re-use (TC 282)

ISO 18997:2025, Water reuse in urban areas - Guidelines for urban reclaimed water for landscaping uses, $127.00

Welding and allied processes (TC 44)

ISO 9455-2:1993, Soft soldering fluxes - Test methods - Part 2: Determination of non-volatile matter, ebulliometric method, $56.00

ISO 9455-3:2019, Soft soldering fluxes - Test methods - Part 3: Determination of acid value, potentiometric and visual titration methods, $56.00

ISO 9455-8:1991, Soft soldering fluxes - Test methods - Part 8: Determination of zinc content, $56.00

ISO 9455-16:2019, Soft soldering fluxes - Test methods - Part 16: Flux efficacy test, wetting balance method, $172.00

IEC Technical Reports

Health Informatics (TC 215)

IEC/TR 80001-2-9:2017, $313.00

ISO Technical Specifications

Agricultural food products (TC 34)

ISO/TS 19657:2017, Definitions and technical criteria for food ingredients to be considered as natural, $56.00

ISO/TS 34700:2016, Animal welfare management - General requirements and guidance for organizations in the food supply chain, $84.00

Aircraft and space vehicles (TC 20)

ISO/TS 22591:2021, Space systems - Space-based services for a high accuracy positioning system with safety requirements, $172.00

Child care articles (TC 310)

ISO/TS 24929-2:2025, Child care articles - General safety - Part 2: Mechanical hazards, $259.00

Dimensional and Geometrical Product Specifications and Verification (TC 213)

ISO/TS 17863:2013, Geometrical product specification (GPS) - Tolerancing of moveable assemblies, $127.00

Fire safety (TC 92)

ISO/TS 17755-2:2020, Fire safety - Statistical data collection - Part 2: Vocabulary, $56.00

Gears (TC 60)

ISO/TS 6336-22:2018, Calculation of load capacity of spur and helical gears - Part 22: Calculation of micropitting load capacity, $230.00

Personal safety - Protective clothing and equipment (TC 94)

ISO/TS 11999-2:2015, PPE for firefighters - Test methods and requirements for PPE used by firefighters who are at risk of exposure to high levels of heat and/or flame while fighting fires occurring in structures - Part 2: Compatibility, $84.00

Plain bearings (TC 123)

ISO/TS 31657-3:2020, Plain bearings - Hydrodynamic plain journal bearings under steady-state conditions - Part 3: Functions for calculation of tilting pad journal bearings, $259.00

Rubber and rubber products (TC 45)

ISO/TS 16097:2013, Vulcanized crumb rubber - Evaluation procedures, $84.00

ISO/IEC Guides

Other

ISO/IEC Guide 98-3:2008, Uncertainty of measurement - Part 3: Guide to the expression of uncertainty in measurement (GUM:1995), $287.00

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 16088:2025, Information technology - Computer graphics, image processing and environmental representation - Constructs for visual positioning systems in mixed and augmented reality (MAR), $84.00

ISO/IEC TR 14496-24:2025, Information technology - Coding of audio-visual objects - Part 24: Audio and systems interaction, $84.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 25022:2016, Systems and software engineering - Systems and software quality requirements and evaluation (SQuaRE) - Measurement of quality in use, FREE

ISO/IEC 21000-3:2025, Information technology - Multimedia framework (MPEG-21) - Part 3: Digital Item Identification, $201.00

ISO/IEC 23009-8:2025, Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 8: Session-based DASH operations, $127.00

ISO/IEC 23093-4:2023, Information technology - Internet of media things - Part 4: Reference software and conformance, $84.00

ISO/IEC 14496-32:2025, Information technology - Coding of audio-visual objects - Part 32: File format reference software and conformance, $172.00

ISO/IEC 14496-34:2025, Information technology - Coding of audio-visual objects - Part 34: Syntactic description language, $259.00

ISO/IEC 15444-16:2025, Information technology - JPEG 2000 image coding system - Part 16: Enhanced encapsulation of JPEG 2000 images into ISO/IEC 14496-12, $84.00

IEC Standards

All-or-nothing electrical relays (TC 94)

IEC 63522-21 Ed. 1.0 b:2025, Electrical relays - Tests and measurements - Part 21: Thermal endurance, $52.00

IEC 63522-21 Ed. 1.0 en:2025, Electrical relays - Tests and measurements - Part 21: Thermal endurance, $52.00

Automatic controls for household use (TC 72)

IEC 60730-2-11 Ed. 4.0 b:2025, Automatic electrical controls - Part 2-11: Particular requirements for energy regulators, $148.00

IEC 60730-2-11 Ed. 4.0 en:2025, Automatic electrical controls - Part 2-11: Particular requirements for energy regulators, $148.00

IEC 60730-2-11 Ed. 4.0 en:2025 EXV, Automatic electrical controls - Part 2-11: Particular requirements for energy regulators, $1084.00

Electromagnetic compatibility (TC 77)

IEC 61000-4-34 Amd.2 Ed. 1.0 en:2025, Amendment 2 - Electromagnetic compatibility (EMC) - Part 4-34: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 A per phase, $13.00

IEC 61000-4-34 Amd.2 Ed. 1.0 b:2025, Amendment 2 - Electromagnetic compatibility (EMC) - Part 4-34: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 A per phase, $13.00

IEC 61000-4-34 Ed. 1.2 en:2025, Electromagnetic compatibility (EMC) - Part 4-34: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 A per phase, $663.00

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

IEC 60068-2-30 Ed. 4.0 b:2025, Environmental testing - Part 2 -30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle), $200.00

IEC 60068-2-30 Ed. 4.0 en:2025, Environmental testing - Part 2 -30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle), $200.00

Fibre optics (TC 86)

IEC 60794-1-218 Ed. 1.0 b:2025, Optical fibre cables - Part 1 -218: Generic specification - Basic optical cable test procedures - Environmental test methods - Mid-span temperature cycling test for exposed optical units, Method F18, $52.00

IEC 60794-1-218 Ed. 1.0 en:2025, Optical fibre cables - Part 1 -218: Generic specification - Basic optical cable test procedures - Environmental test methods - Mid-span temperature cycling test for exposed optical units, Method F18, $52.00

Magnetic components and ferrite materials (TC 51)

IEC 63093-15 Ed. 1.0 en:2025, Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 15: U-cores, $103.00

IEC Technical Reports

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

IEC/TR 62839-1 Ed. 2.0 en:2025, Environmental declaration - Part 1: Communication wires and cables - Product specific rules, $200.00

IEC Technical Specifications

Measuring equipment for electromagnetic quantities (TC 85)

IEC/TS 62586-3 Ed. 1.0 en:2025, Power quality measurement in power supply systems - Part 3: Maintenance tests, calibration, $258.00

Measuring relays and protection equipment (TC 95)

IEC/TS 60255-216-1 Ed. 1.0 en:2025, Measuring relays and protection equipment - Part 216-1: Digital interface - General requirements and tests for protection functions using digital communication as input and output, $580.00

Winding wires (TC 55)

IEC/TS 63263 Ed. 1.0 en:2025, Winding wires - Test methods - Electrical endurance under high frequency voltage impulses, $103.00

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 gray highlighting. R3 changes are indicated in yellow highlighting. Rationale statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI 53:

Drinking Water Treatment Units — Health Effects

⋮

7 Elective performance claims – Test methods

⋮

7.2 Chemical reduction claims

⋮

7.2.6 Nonregenerating PFAS reduction testing

⋮

7.2.6.5 PFAS reduction test water

a) A water supply shall be treated by reverse osmosis, then shall be treated by deionization (RO/DI) water and shall have a conductivity of < 2 μS/cm.

b) All chemical additions shall take place either after the test tank is filled with the RO/DI water, or while the test tank is being filled. Reagent grade chemicals shall be used for all additions to adjust the RO/DI water to meet the following specific characteristics:

Table 7.8
PFAS influent water characteristics

Parameter	Target value	Overall average tolerance	Single point tolerance [a]
SO_4^{2-}	200 mg/L	± 20%	± 30%
Cl^-	100 mg/L	± 20%	± 30%
alkalinity as $CaCO_3$	200 mg/L	± 20%	± 30%
total PFAS [b]	0.00216 mg/L	± 20%	± 30%
PFHpA	0.00004 mg/L	± 20%	± 30%
PFHxS	0.0003 mg/L	± 20%	± 30%
PFNA	0.00005 mg/L	± 20%	± 30%
PFOA	0.0005 mg/L	± 20%	± 30%
PFOS	0.0010 mg/L	± 20%	± 30%
temperature	20 °C (68 °F)	± 2.5 °C (± 5 °F)	—
turbidity	< 1 NTU	—	—
pH	7.5	± 0.5	—
hardness[c]	188 ~~150~~ mg/L as $CaCO_3$	± 20%	± 30%

[a] Equals average influent challenge concentration variability plus one of the following, in order of availability:

1. Acceptable continuing calibration verification (CCV) limits stated in the appropriate U.S. EPA Method.
2. Acceptable spike recoveries as stated in the appropriate U.S. EPA Method.
3. Opinion of laboratory professionals – no guidance available in U.S. EPA Method.

[b] There are two test methods for PFAS contaminant reduction claims: total PFAS and individual contaminants (see Section 7.2.6.1 for details). The test mixture for total PFAS is made up of PFOA (500 ppt), PFOS (1,000 ppt), PFHxS (300 ppt), PFNA (50 ppt), PFHpA (40 ppt), PFBS (260 ppt), and PFDA (10 ppt). However, PFBS and PFDA have not been included as individual contaminant reduction claims because current data indicate they do not occur at levels higher than their health advised levels established by states. Therefore, the average influent concentration for total PFAS is not equal to the sum of the average influent concentration values for the individual claims.

[c] The resulting ratio should be approximately 3:1 calcium to magnesium as calcium carbonate ($CaCO_3$).

c) Dissolve enough calcium chloride ($CaCL_2$) ~~sodium bicarbonate ($NaHCO_3$)~~ in RO/DI water to achieve a test tank concentration of 100 mg/L of chloride as chloride and 141 mg/L of calcium ~~200 mg/L of alkalinity~~ expressed as $CaCO_3$.

d) Dissolve enough sodium bicarbonate ($NaHCO_3$) in RO/DI water to achieve a test tank concentration of 200 mg/L of alkalinity expressed as $CaCO_3$.

e) Dissolve enough magnesium sulfate ($MgSO_4{\cdot}7H_2O$) in RO/DI water to achieve a test tank concentration of 45 mg/L of sulfate as sulfate and 47 mg/L of magnesium as $CaCO_3$.

f) Add enough sodium sulfate (Na_2SO_4) in RO/DI water to achieve a test tank concentration of 155 mg/L as sulfate, bringing the total sulfate concentration to 200 mg/L as sulfate and the total sodium concentration to 167 mg/L as sodium.

g) Adjust the pH of the test tank solution using hydrochloric acid (HCl) or sodium hydroxide (NaOH) to 7.5 ± 0.5. Record the amount HCl used.

~~h) Dissolve enough magnesium sulfate ($MgSO_4{\cdot}7H_2O$) in RO/DI water to achieve a test tank concentration of 200 mg/L as sulfate. Sodium sulfate ($NaSO_4{\cdot}7H_2O$) may be substituted for 75% of the magnesium sulfate if the presence of hardness interferes with the proper operation of the device under test.~~

i) Dissolve enough of the applicable PFAS compound(s) in RO/DI water to achieve the required test tank concentration as specified in Table 7.8.

j) Mix and measure the final pH, and adjust as needed. Mixing shall be minimized thereafter throughout the duration of the test.

~~k) Dissolve enough sodium chloride (NaCl) in RO/DI water to achieve a test tank concentration of 100 mg/L of chloride. Balance this number with the amount of chlorides added from the HCl for pH control to maintain a target of 100 mg/L. Stir and transfer to the test tank.~~

l) Each tank of water prepared shall have all of the parameters specified in Table 7.8 verified by analytical methods.

***Rationale*: Updates the cation components of the PFAS reduction test water procedure to avoid scaling which can cause premature plugging of filters.**

[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 58:

Reverse Osmosis Drinking Water Treatment Systems

⋮

5 Structural performance

⋮

5.1 Structural integrity

⋮

5.1.3 Structural integrity test methods

⋮

Table 5.1
Structural integrity testing requirements

	Hydrostatic pressure test [a]	Cyclic pressure test [a]
~~Complete s~~Systems		
complete systems (including pumped systems connected to a pressurized water supply)	3 × maximum working pressure or 2,070 kPa (300 psig)	100,000 cycles at 0 to 1,040 kPa (0 to 150 psig) or maximum working pressure
pumped systems with components subject to pump pressure only	1.5 × maximum working pressure	—
faucet attached systems	1.5 × maximum working pressure or 1,040 kPa (150 psig)	10,000 cycles at 0 to 690 kPa (0 to 100 psig)
Components		
metallic [b] pressure vessels	3 × maximum working pressure or 2,070 kPa (300 psig)	100,000 cycles at 0 to 1,040 kPa (0 to 150 psig) or maximum working pressure
non-metallic pressure vessels	3 × maximum working pressure or 2,070 kPa (300 psig)	100,000 cycles at 0 to 1,040 kPa (0 to 150 psig) or maximum working pressure
disposable pressure vessels and components	3 × maximum working pressure or 2,070 kPa (300 psig)	10,000 cycles at 0 to 1,040 kPa (0 to 150 psig) or maximum working pressure
low pressure storage tanks (690 kPa (100 psig) or less)	4 × maximum working pressure	—

[a] When a choice is given in the table, testing shall be done at the greater pressure.

[b] Metallic pressure vessels require measurement of circumference and head deflection. The pressure vessel circumference shall not exhibit a permanent increase of greater than 0.2% when measured at the midsection and at 30-cm (12-in) intervals. The top and bottom head deflection of the pressure vessel shall not exhibit a permanent deflection exceeding 0.5% of the vessel diameter.

⋮

***Rationale*: The proposed changes clarify that pumped systems connected to a pressurized water supply have different test requirements from pumped systems with components exposed only to pump pressure.**

[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

•
•
•

3 Definitions

•
•
•

Ingredient Disclosures: Detailed information provided for the consumers on use of a component. Information can be found on product labels, websites, or alternate printed or digital material and are publicly available.

•
•
•

4 Labeling and literature requirements

•
•
•

4.1 Caffeine

Supplements containing any amount of added caffeine, including by intentional selective concentration of caffeine at the expense of other constituents from the source crude botanical, shall declare the total amount of caffeine per serving on the label.

Caffeine claims shall not exceed 200 mg per serving. The amount of caffeine for the recommended maximum servings shall not exceed 800 mg per day.

In addition, if the product contains caffeine at greater than 100 mg per serving, the following warnings (or equivalent) shall be present on the label:
• do not use if sensitive to caffeine
• not recommended for use by children under 18 y of age
• not recommended for use by pregnant or nursing women.

If the maximum serving of caffeine results in consumption of more than 200 mg per day, the following statement (or equivalent) shall also be present on the label or product ingredient disclosure:
—no more than 200 mg of caffeine is to be consumed every 4 hours.

•
•
•

5 Product requirements

5.1 Identity

•
•
•

5.1.2 Finished product

Manufacturers are responsible for ensuring that finished products shall contain each of the dietary ingredients and, if applicable, any subcomponent, such as marker constituents, declared on the label. The finished product identity claims shall be reviewed to determine if select claims shall be verified in accordance with Section 6.1 or 8.7. Product shall be evaluated as one (1) serving per day unless otherwise indicated or implied on the product label.

•
•
•

5.5 Caffeine

Supplements containing caffeine shall have caffeine content tested and verified. ~~The amount of caffeine consumed shall not exceed 200 mg per serving every 4 h and 800 mg/d. The product use instructions shall indicate no more than 200 mg of caffeine is to be consumed every 4 h.~~

•
•
•

[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 GMP for Dietary Supplements –

Dietary Supplements

•
•
•

4 Audit requirements

•
•
•

4.3 Planning

•
•
•

4.3.2 Supplier qualification procedures ~~shall~~ that include initial qualification, periodic examination (requalification), disqualification, and as necessary, expedited approval of suppliers on an emergency basis shall be established and records maintained. [21 C.F.R. § 111.75 (a2iiA), 111.95(b2)]

•
•
•

4.3.6 Specifications shall be established for components, in-process materials, labels, packaging components, and finished product, and at any point, step, or stage in the manufacturing process where control is necessary. The basis is adequately documented for how meeting the in-process specifications, in combination with meeting component specifications, will help ensure that the dietary supplement specifications will be met (e.g., hazard analysis). Records shall be maintained. [21 C.F.R. § 111.70, 111.95(b1)]

•
•
•

4.4 Support

•
•
•

4.4.12 For any automated, mechanical, or electronic equipment the manufacturer shall have established appropriate controls to ensure that equipment functions in accordance with its intended use, including power backup for critical systems. [21 C.F.R. § 111.30 (e), 111.35(b2)]

•
•
•

4.4.29 Procedures ~~shall be established~~ to determine the requirements and qualifications (such as education, training, or experience) of personnel who will supervise activities shall be established and records maintained. [21 C.F.R. §§ 111.13 (a, b), 111.14 (a, b), 117.4]

~~**4.4.30** Records shall be maintained documenting compliance to established procedures that ensure that supervisors are appropriately qualified by education, training, or experience. [21 C.F.R. §§ 111.14 (a, b), 117.4]~~

•
•
•

~~**4.4.35** Records shall be maintained of specifications, supplier qualification, and testing to ensure product meets purity, strength, and composition. [21 C.F.R. § 111.95]~~

•
•
•

4.4.37 Procedures ~~shall be established~~ that describe the requirements for record retention shall be established. Records shall be maintained for at least 1 year after the shelf life date or at least 2 years beyond the date of distribution of the last batch associated with those records. ~~under Subpart P – Records and Recordkeeping~~. [21 C.F.R. § 111.605 (a, b)]

~~**4.4.38** Appropriate records shall be maintained for laboratory operations. [21 C.F.R. § 111.325]~~

•
•
•

4.5 Operation

•
•
•

4.5.7 ~~Equipment logbooks shall be maintained for~~ Documentation in individual logs, on the use and maintenance of each equipment shall be maintained. ~~and include the date of use, and documentation of cleaning, sanitization, maintenance, etc~~. (unless the documentation is in the batch record). [21 C.F.R. § 111.35 (b2)]

•
•
•

4.5.9 Procedures for preventive maintenance program shall be established and records maintained. [21 C.F.R. § 111.25 (c), 111.35(b2)]

4.5.10 Procedures and programs ~~shall be established~~ for calibration of all instruments, controls, automated, mechanical, laboratory, and electronic equipment, etc. shall be established and records maintained. [21 C.F.R. §§ 111.27 (b), 111.35 (a,b), 111.113 (a4), 111.130 (c)]

•
•

•

~~**4.5.12** Complete records shall be made and kept of any calibration of instruments and controls that are important to product quality and safety. [21 C.F.R. §§ 111.35 (b3, b4), 111.113 (a4)]~~

•

•

•

~~**4.5.19** The plant shall have a documented preventive maintenance program. [21 C.F.R. § 111.25 (c)]~~

•

•

•

4.5.21 Procedures for cleaning and sanitization of all equipment, utensils, and contact surfaces shall be established and records of sanitation shall be maintained. Equipment and utensils shall be disassembled as necessary for thorough maintenance, cleaning, and sanitizing. [21 C.F.R. §§ , 111.25 (c), 111.27 (d1), 111.35 (a, b1iii, b2)]

•

•

•

4.5.26 Procedures ~~shall be established~~ for cleaning and sanitizing all filling and packaging equipment and utensils shall be established and records maintained. [21 C.F.R. § 111.415 (a)]

•

•

•

4.5.33 The water supply shall be safe and sanitary. Records shall be maintained to show the quality of w~~W~~ater that may contact a product contact surface or ~~is~~ used as a component of the dietary supplement ~~shall~~ meets federal, state, and local requirements for drinking water. [21 C.F.R. §§ 111.15 (e), 111.23 (c), 117.37 (a)]

•

•

•

4.5.34 Water delivery systems and water treatment systems shall not act as a potential source of contamination of the dietary supplement. Records of maintenance, cleaning, sanitation shall be maintained. [21 C.F.R. § 111.15 (f3)]

•

•

•

~~**4.5.36** Records shall be maintained to show that the quality of water, when used as a component of the dietary supplement, meets the requirements of 21 C.F.R. § 111.15 (e2). [21 C.F.R. § 111.23 (c)]~~

•

•

•

4.5.48 Throughout the manufacturing process, precautions shall be taken to prevent contamination, including by microbes, filth, chemicals, foreign material, etc. of components and dietary supplements. Records of manufacturing operations shall be maintained. [21 C.F.R. § 111.365 (a, b, c, d, e, f, g), 111.375]

•

•

•

~~**4.5.53** Records shall be established and shall be maintained to meet the requirements of Subpart K – Production and Process Control System: Requirements for Manufacturing Operations. [21 C.F.R. § 111.375]~~

4.5.54 Procedures that include QC operations ~~shall be established~~ for all packaging and labeling operations shall be established. Records shall be maintained to allow a complete history and control of the packaged and labeled dietary supplement through distribution. [21 C.F.R. § 111.127, 111.403, 111.410 (d), 111.430]

~~**4.5.55** QC operations shall be established for packaging and labeling operations. [21 C.F.R. § 111.127]~~

•

•

•

~~**4.5.60** Records shall be maintained to allow a complete history and control of the packaged and labeled dietary supplement through distribution. [21 C.F.R. § 111.410 (d)]~~

•

•

•

~~**4.5.66** Records shall be established and maintained to meet the requirements of Subpart L – Product and Process Control System: Requirements for Packaging and Labeling Operations. [21 C.F.R. § 111.430]~~

•

•

•

4.5.74 Procedures ~~shall be established~~ for holding and distribution operations shall be established and records maintained. [21 C.F.R. § 111.475 (b1)]

•

•

•

4.5.79 Procedures ~~shall be established~~ for the handling of returned dietary supplements shall be established and records maintained. These shall include appropriate quarantine of the returned product until QC personnel have determined its disposition. [21 C.F.R. §§ 111.503, 111.510, 111.535 ~~(a, b1)~~]

•

•

•

~~**4.5.83** Records for returned dietary supplements shall be maintained. Records shall be maintained for at least 1 yr after the shelf life date, if shelf life dating is being used, or at least 2 yr beyond the date of distribution of the last batch associated with those records. [21 C.F.R. § 111.535]~~

4.5.84 A risk-based environmental monitoring program that includes controls to evaluate and mitigate the presence of nonpathogenic microorganisms in production areas and equipment shall be established and records maintained.

•

•

•

4.6 Performance evaluation

4.6.1 Procedures ~~shall be established~~ for the collection of representative samples, including collection controls (e.g., to reduce potential of contamination) and the number of units to assure compliance with specification shall be established and records maintained. [21 C.F.R. §§ 111.80, 111.415 (g)]

4.6.2 Procedures ~~shall be established~~ for the collection of reserve samples for each lot of finished material shall be established and records maintained. [21 C.F.R. § 111.83]

•
•
•

4.6.5 Dietary ingredients shall be sampled, tested, and released prior to use in production. At least one appropriate test or examination shall be conducted to verify the identity of the dietary ingredient (unless the company has submitted a petition for an ID test exemption that has been approved by the U.S. FDA). Records shall be maintained. [21 C.F.R. § 111.75 (a1), 111.95(b3)]

4.6.6 Other raw materials or components (i.e., those that are not dietary ingredients) shall be sampled, tested (or confirmed), and released prior to use in production. Records shall be maintained. [21 C.F.R. § 111.75 (a2i, a2ii), 111.95(b3)]

4.6.7 Proper testing procedures or programs shall be established to determine if in-process and finished product specifications for purity, composition, and strength of the dietary supplement have been met. The basis for performing reduced testing shall be adequately documented. This shall justify how the testing procedures or program selected will help ensure that the full specification for the dietary supplement will be met. Records shall be maintained. [21 C.F.R. § 111.75 (b, c, d), 111.95(b4)]

•
•
•

4.6.12 QC laboratory operations and procedures shall be established and records maintained. [21 C.F.R. § 111.303, 111.325]

•
•
•

4.7 Improvement

•
•
•

4.7.1 Procedures and controls ~~shall be established~~ for the investigation and the handling of materials that do not meet specification shall be established and records maintained. [21 C.F.R. § 111.77]

4.7.2 Procedures ~~shall be established~~ for a corrective and preventive action (CAPA) program for handling all nonconformances identified within the scope of this standard shall be established and records maintained.

•
•
•

BSR/UL 62841-2-19, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 2-19: Particular Requirements for Hand-Held Jointers

1. Proposed adoption of the First Edition of IEC 62841-2-19, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 2-19: Particular Requirements for Hand-Held Jointers, as the First Edition of UL 62841-2-19.

PROPOSAL

1 Scope

IEC 62841-1:2014, Clause 1 is applicable, except as follows:

Addition:

This document applies to hand-held **jointers** for cutting into wood or materials with similar physical characteristics such as, for example, chipboard, fibreboard and plywood.

1.DV DE Modification: *Replace Addition: with the following:*

Addition:

This document applies to hand-held joiners for cutting slots into wood or materials with similar physical characteristics such as, for example, chipboard, fibreboard and plywood.

3.101
jointer
hand-held tool equipped with a **disc cutter** intended to cut a slot or groove

Note 101 to entry: Examples of jointer designs are shown in **Error! Reference source not found.**.

3.101DV DE Modification: *Replace 3.101 with the following:*

3.101

Jointer/Joiner

Hand-held tool equipped with a disc cutter intended to cut a slot or groove. In North America, these two terms are interchangeable.

Note 101 to entry: Examples of jointer/joiner designs are show in Figure 101.

Note 102 to entry: In North America, these two terms are interchangeable in this Standard.

Note 103 to entry: Hand-held jointer planers are covered by IEC 62841-2-14.

BSR/UL 207, Standard for Safety for Refrigerant-Containing Components and Accessories, Nonelectrical

1. Revisions to Address Hard and Soft Tube/Pipe Used with Refrigeration Fittings

PROPOSAL

7.53A TUBE, ANNEALED – A seamless, soft tube, annealed to assure quality for bending and flaring.

7.54A TUBE, HARD-DRAWN – A seamless, hard tube drawn or hardened during the manufacturing process that is rigid and not easily bent.

7.56 ~~TUBE, SOFT – A seamless, soft tube, annealed to assure quality for bending and flaring.~~

BSR/UL 651, Standard for Safety for Schedule 40, 80 Tupe EB, and A Rigid PVC Conduit and Fittings

3. Inclusive Language

PROPOSAL

6.14.3 Each sample is to be machined to the dimensions indicated in Figure 6.8 with the machining done only on the four cut surfaces. The end surfaces are to be flat, parallel, and in planes perpendicular to the longitudinal axis of the rigid PVC conduit. The longitudinal surfaces are to be flat, parallel, and in planes parallel to the longitudinal axis of the conduit. A sample is to be discarded after this preparation if either or both of its curved surfaces show any scratches or other defects. ~~that are visible to the examiner's eyes, which are to be unaided except for any corrective lenses.~~ Evidence of scratches or other defects shall be verified by visual inspection.

6. Installation of 8" Rigid PVC Electrical Conduit

PROPOSAL

Table 4.4
Dimensions in inches of integral couplings for Schedule 40 and 80 conduit

Trade size of conduit	Socket diameters						Minimum socket depth[a]	Minimum thickness at any point of socket	
	At entrance			At bottom					
	Maximum	Minimum	Average	Maximum	Minimum	Average		Schedule 40	Schedule 80
1/2	0.860	0.844	0.852 ±0.004	0.844	0.828	0.836 ±0.004	0.652	0.095	0.129
3/4	1.074	1.054	1.064 ±0.004	1.056	1.036	1.046 ±0.004	0.719	0.095	0.136
1	1.340	1.320	1.330 ±0.005	1.320	1.300	1.310 ±0.005	0.875	0.100	0.158
1-1/4	1.689	1.665	1.677 ±0.005	1.667	1.643	1.655 ±0.005	0.938	0.120	0.168
1-1/2	1.930	1.906	1.918 ±0.006	1.906	1.882	1.894 ±0.006	1.062	0.120	0.166
2	2.405	2.381	2.393 ±0.006	2.381	2.357	2.369 ±0.006	1.125	0.130	0.181
2-1/2	2.905	2.875	2.890 ±0.007	2.883	2.853	2.868 ±0.007	1.469	0.165	0.229
3	3.530	3.500	3.515 ±0.008	3.507	3.477	3.492 ±0.008	1.594	0.179	0.249
3-1/2	4.065	3.965	4.015 ±0.008	4.007	3.977	3.992 ±0.008	1.687	0.188	0.264
4	4.565	4.465	4.515 ±0.009	4.506	4.476	4.491 ±0.009	1.750	0.197	0.280
5	5.643	5.543	5.593 ±0.010	5.583	5.523	5.553 ±0.010	1.937	0.214	0.311
6	6.708	6.608	6.658 ±0.011	6.644	6.584	6.614 ±0.011	2.125	0.232	0.359
8	8.725	8.615	8.670±0.015	8.665	8.570	8.610±0.015	4.0	-	-

[a] Tests are not needed on sockets complying with these minimums.

"-"dimensions specified by the manufacturer.

Table 4.5
Dimensions in millimeters of integral couplings for Schedule 40 and 80 conduit

Metric desig	Socket diameters						Minimum socket depth[a]	Minimum thickness at any point of socket	
	At entrance			At bottom					
	Maximum	Minimum	Average	Maximum	Minimum	Average		Schedule 40	Schedule 80
16	21.84	21.44	21.64 ±0.10	21.44	21.03	21.23 ±0.10	16.56	2.41	3.28
21	27.28	26.77	27.03 ±0.10	26.82	26.31	26.57 ±0.10	18.26	2.41	3.45
27	34.04	33.53	33.78 ±0.13	33.53	33.02	33.27 ±0.13	22.22	2.54	4.01
35	42.90	42.30	42.60 ±0.13	42.34	41.73	42.04 ±0.13	23.83	3.05	4.28
41	49.02	48.41	48.72 ±0.15	48.41	47.80	48.11 ±0.15	26.97	3.05	4.22
53	61.09	60.48	60.78 ±0.15	60.48	59.87	60.17 ±0.15	28.58	3.30	4.60
63	73.79	73.02	73.41 ±0.18	73.23	72.47	72.85 ±0.18	37.31	4.19	5.82
78	89.66	88.90	89.28 ±0.20	89.08	88.32	88.70 ±0.20	40.49	4.55	6.32
91	103.25	100.71	101.98 ±0.20	101.78	101.02	101.40±0.20	42.85	4.78	6.71
103	115.95	113.41	114.68 ±0.23	114.45	113.70	114.07±0.23	44.45	5.00	7.11
129	143.33	140.80	142.06 ±0.25	141.80	140.28	141.05±0.25	49.20	5.44	7.90
155	170.38	167.84	169.11±0.28	168.76	167.23	168.00 ±0.28	53.98	5.89	9.12
200	221.62	218.82	220.22±0.38	220.09	217.68	218.69±0.38	123.83	-	-

[a] Tests are not needed on sockets complying with these minimums.

Table 5.1
Throat diameters at any point in fittings other than adapters or conduit hubs fittings

Trade size of conduit	(metric designator)	Minimum throat diameter, in (mm)					
		Field-attached couplings and fittings other than adapters or conduit hubs fittings[a]		Factory-applied couplings with stops			
				For use with heavy-wall conduit		For use with thin-wall conduit	
1/2	(16)	0.630	(16.00)	0.630	(16.00)	0.728	(18.49)
3/4	(21)	0.834	(21.18)	0.824	(21.18)	0.840	(21.34)
1	(27)	1.059	(26.90)	1.059	(26.90)	1.205	(30.61)
1-1/4	(35)	1.392	(35.36)	1.392	(35.36)	1.532	(38.91)
1-1/2	(41)	1.622	(41.20)	1.622	(41.20)	1.752	(44.50)
2	(53)	2.079	(52.81)	2.079	(52.81)	2.187	(55.55)
2-1/2	(63)	2.484	(63.09)	2.484	(63.09)	2.670	(67.82)
3	(78)	3.083	(78.31)	3.083	(78.31)	3.365	(85.47)
3-1/2	(91)	3.598	(91.39)	3.598	(91.39)	3.760	(95.50)
4	(103)	4.076	(103.53)	4.076	(103.53)	4.250	(107.95)
5	(129)	5.097	(129.46)	5.097	(129.46)	–	–
6	(155)	6.115	(155.32)	6.115	(155.32)	–	–
8	(200)	7.996*	(203.10*)	-	-	-	-

[a] For reducers, the throat for the smaller of the two sizes of conduit applies.

[b] It is not prohibited that the minimum average throat diameters of fittings described in 5.4 comply with Table 4.3.

* Extrapolated value

Table 5.2
Dimensions of fittings and conduit connections

Trade size of conduit (metric designator)	Socket diameter, in (mm)						Minimum socket depth, in (mm)	Minimum thickness, in (mm)	
	At entrance			At bottom				Over male or female threads[a]	Wall of unthreaded portion
	Max	Min	Avg	Max	Min	Avg			
1/2 (16)	0.860 (21.84)	0.844 (21.44)	0.852±0.004 (21.64±0.10)	0.844 (21.44)	0.828 (21.03)	0.836±0.004 (21.23±0.10)	0.652 (16.56)	0.109 (2.77)	0.095 (2.41)
3/4 (21)	1.074 (27.28)	1.054 (26.77)	1.064±0.004 (27.03±0.10)	1.056 (26.82)	1.036 (26.31)	1.046±0.004 (26.57±0.10)	0.719 (18.26)	0.113 (2.87)	0.095 (2.41)
1 (27)	1.340 (34.04)	1.320 (33.53)	1.330±0.005 (33.78±0.13)	1.320 (33.53)	1.300 (33.02)	1.310±0.005 (33.27±0.13)	0.875 (22.23)	0.133 (3.38)	0.100 (2.54)
1-1/4 (35)	1.689 (42.90)	1.665 (42.29)	1.677±0.005 (42.60±0.13)	1.667 (42.34)	1.643 (41.73)	1.655±0.005 (42.04±0.13)	0.938 (23.83)	0.140 (3.56)	0.120 (3.05)
1-1/2 (41)	1.930 (49.02)	1.906 (48.41)	1.918±0.006 (48.72±0.15)	1.906 (48.41)	1.882 (47.80)	1.894±0.006 (48.11±0.15)	1.062 (26.97)	0.145 (3.68)	0.120 (3.05)
2 (53)	2.405 (61.09)	2.381 (60.48)	2.393±0.006 (60.78±0.15)	2.381 (60.48)	2.357 (59.87)	2.369±0.006 (60.17±0.15)	1.125 (28.58)	0.154 (3.91)	0.130 (3.30)
2-1/2 (63)	2.905 (73.79)	2.875 (73.03)	2.890±0.007 (73.41±0.18)	2.883 (73.23)	2.853 (72.47)	2.868±0.007 (72.85±0.18)	1.469 (37.31)	0.203 (5.16)	0.165 (4.19)
3 (78)	3.530 (89.66)	3.500 (88.90)	3.515±0.008 (89.28±0.20)	3.507 (89.08)	3.477 (88.32)	3.492±0.008 (88.70±0.20)	1.594 (40.49)	0.216 (5.49)	0.216 (5.49)
3-1/2 (91)	4.065 (103.25)	3.965 (100.71)	4.015±0.008 (101.98±0.20)	4.007 (101.78)	3.977 (101.02)	3.992±0.008 (101.40±0.20)	1.687 (42.85)	0.226 (5.74)	0.226 (5.74)
4 (103)	4.565 (115.95)	4.465 (113.41)	4.515±0.009 (114.68±0.23)	4.506 (114.45)	4.476 (113.69)	4.491±0.009 (114.07±0.23)	1.750 (44.45)	0.237 (6.02)	0.237 (6.02)
5 (129)	5.643 (143.33)	5.543 (140.79)	5.593±0.010 (142.06±0.25)	5.583 (141.81)	5.523 (140.28)	5.553± 0.010 (141.05±0.25)	1.937 (49.20)	0.258 (6.55)	0.258 (6.55)
6 (155)	6.708 (170.38)	6.608 (167.84)	6.658±0.011 (169.11±0.28)	6.644 (168.76)	6.584 (167.23)	6.614±0.011 (168.00±0.28)	2.125 (53.98)	0.280 (7.11)	0.280 (7.11)
8 (200)	8.725 (221.62)	8.615 (218.82)	8.670±0.015 (220.22±0.38)	8.665 (220.09)	8.570 (217.68)	8.610±0.150 (218.69±0.38)	4.0 (101.60)	-	-

[a] The thickness is to be measured at the end of the fitting from the crest of the thread through the material to the smooth wall surface.

BSR/UL 4200A, Standard for Safety for Products Incorporating Button Batteries or Coin Cell Batteries

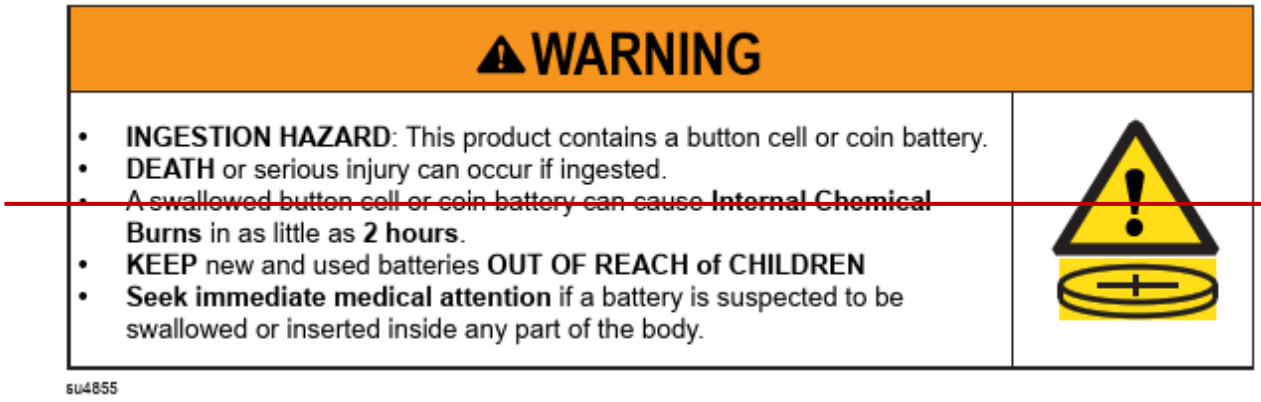
1. Proposed revision of Figures 7B.1, 7B.2, 7B.3, 7B.4, 7C.1 to ensure the presented figures align with the standard requirements on symbol and font height.

PROPOSAL

7B.1 Except as allowed in 7B.2 and 7B.3, the principal display panel shall contain the warning label in Figure 7B.1 or Figure 7B.2. The icon in Figure 7B.1 shall be at least 7 mm in width and 9 mm in height. The icon in Figure 7B.2 shall be at least 8 mm (0.31 in) in diameter. The text in the warning label shall be as shown in Figure 7B.1 or Figure 7B.2. When on a printed label using more than one color the marking must use colors as shown in Figure 7B.1 or Figure 7B.2. When on a printed label using one color or stamped or molded into the product, use Figure 7C.3.

Figure 7B.1

Packaging Marking – Warning: Contains coin battery



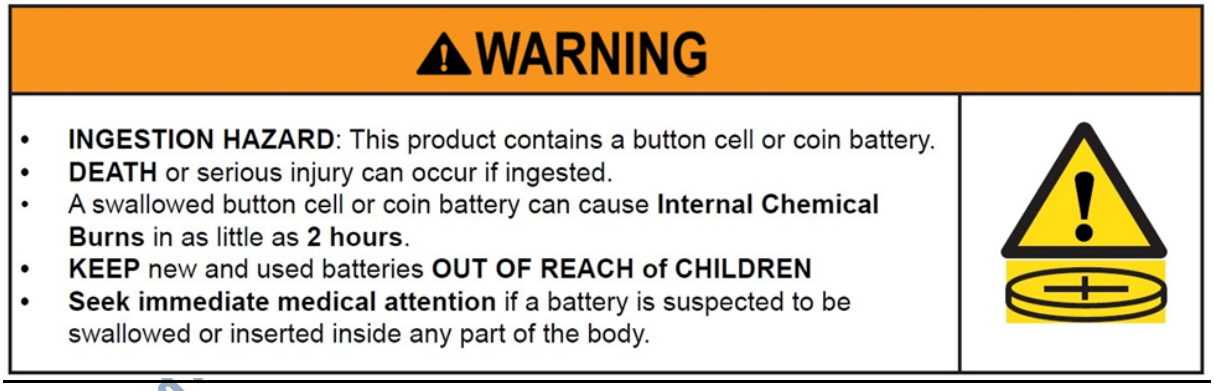
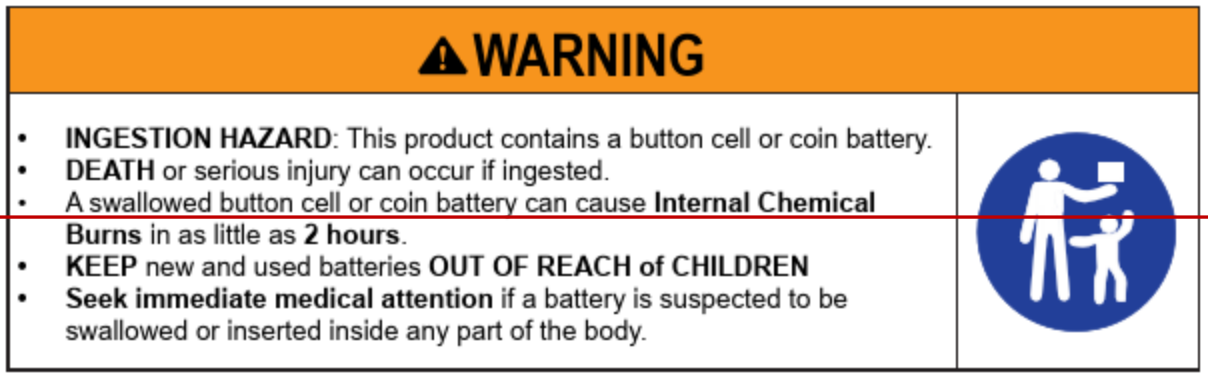
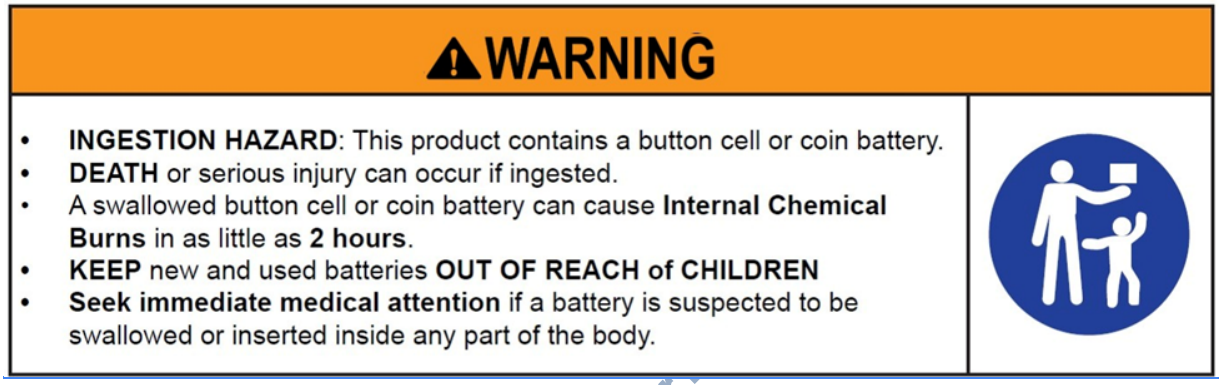


Figure 7B.2

Packaging Marking – Warning of ingestion Hazard





7B.3 When space on the principal display panel of the consumer product packaging does not permit the warning label in Figure 7B.1 or Figure 7B.2, the principal display panel shall include the warning in Figure 7B.3 in a conspicuous location. The icon shall be at least 7 mm in width and 9 mm in height. The remaining warning statements must be on a secondary display panel, as shown in Figure 7B.4. The text in the warning labels shall be as shown in Figure 7B.3 and Figure 7B.4. When on a printed label using more than one color the marking must use colors as shown in Figure 7B.3 and Figure 7B.4. When on a printed label using one color or stamped or molded into the product, use Figure 7C.3.

Figure 7B.3
Packaging Marking – Alternative Principal Display Panel

⚠WARNING

- **INGESTION HAZARD**: This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.

su4856

⚠WARNING

- **INGESTION HAZARD**: This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.

Figure 7B.4
Packaging Marking – Secondary Display Panel

⚠WARNING

- KEEP new and used batteries OUT OF REACH of CHILDREN
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.

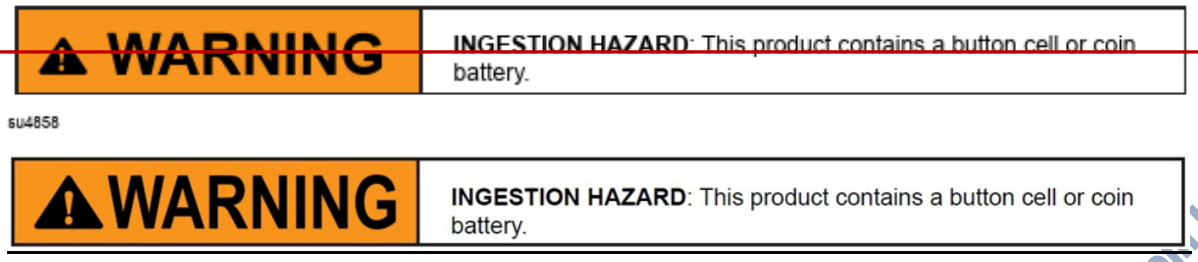
su4857

⚠WARNING

- **KEEP** new and used batteries **OUT OF REACH of CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.

Figure 7C.1

Product Marking



7C.2 When space on the product is limited, use the "Warning: contains coin battery" icon shown in Figure 7C.2, without text. The icon must be at least 7 mm in width and 9 mm in height and must be on the product display panel. When on a printed label using more than one color the marking must use the color as shown in Figure 7C.2. When on a printed label using one color or stamped or molded into the product, use Figure 7C.3. The icon shall be defined in accompanying printed materials such as instructions, manual, insert, or hangtag.

Figure 7C.3

Alternative Product Marking (when printed using one color)