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# CONTENTS

**American National Standards**

Project Initiation Notification System (PINS) ..... 2
Call for Comment on Standards Proposals ..... 13
Final Actions - (Approved ANS) ..... 30
Call for Members (ANS Consensus Bodies) ..... 33
American National Standards (ANS) Process ..... 39
Meeting Notices (Standards Developers) ..... 40
ANS Under Continuous Maintenance ..... 41
ANSI-Accredited Standards Developer Contacts ..... 42

**International Standards**

ISO and IEC Draft Standards ..... 44
ISO and IEC Newly Published Standards ..... 46
International Electrotechnical Commission (IEC) ..... 48
International Organization for Standardization (ISO) ..... 49

**Information Concerning**

Registration of Organization Names in the United States ..... 54
Proposed Foreign Government Regulations ..... 55

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# Project Initiation Notification System (PINS)

Section 2.5.1 of the *ANSI Essential Requirements* (www.ansi.org/essentialrequirements) describes the Project Initiation Notification System (PINS) and includes requirements associated with a PINS Deliberation. Following is a list of PINS notices submitted for publication in this issue of ANSI Standards Action by ANSI-Accredited Standards Developers (ASDs). Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for information about American National Standards (ANS) maintained under the continuous maintenance option, as a PINS to initiate a revision of such standards is not required. Use this Public Document Library link 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.

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## 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 230-202x, Standard for the Resolution of Conflicts in Toolmark Value Determinations and Source Conclusions (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: The potential for differing value determinations or source conclusions is possible given that toolmark comparisons require human judgement and interpretation. This document has been developed with the objective of providing best practice recommendations for resolving conflicts with toolmark value determinations or source conclusions that arise during the Forensic Science Service Provider's (FSSP's) quality assurance process.

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

This document provides requirements and recommendations for resolving conflicts with toolmark value determinations or source conclusions that may arise between examiners and verifiers at any point during the verification process. This document also provides examples of conflicting value determinations, conflicting source conclusions, and documentation and reporting of conflicts and their resolutions.

## ABYC (American Boat and Yacht Council)

Emily Parks <eparks@abycinc.org> | 613 Third Street, Suite 10 | Annapolis, MD 21403 www.abycinc.org

***Revision***

BSR/ABYC H-8-202x, BUOYANCY IN THE EVENT OF FLOODING/SWAMPING (revision of ANSI/ABYC H-8-2022)
Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations.

Project Need: This standard addresses the determination of flotation and its placement in the boat required to keep boats afloat when flooded/swamped and, where indicated, floating in an approximately level attitude when flooded/swamped. This standard applies to all boats less than 20 ft (6.1 m) in length overall (LOA).

Interest Categories: Manufacturer - Boats; Manufacturer - Engines; Manufacturer - Accessory; Specialist Misc; Government; Consumer

This standard addresses the determination of flotation and its placement in the boat required to keep boats afloat when flooded/swamped and, where indicated, floating in an approximately level attitude when flooded/swamped. This standard applies to all boats less than 20 ft (6.1 m) in length overall (LOA).

## ABYC (American Boat and Yacht Council)

Emily Parks <eparks@abycinc.org> | 613 Third Street, Suite 10 | Annapolis, MD 21403 www.abycinc.org

***Revision***

BSR/ABYC H-37-202x, JET BOATS - LIGHT WEIGHT (revision of ANSI/ABYC H-37-2022)
Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations

Project Need: This standard addresses the design, construction, and maintenance of inboard water jet propelled boats less than 20 ft (six meters) in length overall (LOA) with a boat weight less than 3000 lb (1360.8 kg).

Interest Categories: Manufacturer - Boats; Manufacturer - Engines; Manufacturer - Accessory; Specialist Misc;, Government; Consumer

This standard addresses the design, construction, and maintenance of inboard water jet propelled boats less than 20 ft (six meters) in length overall (LOA) with a boat weight less than 3000 lb (1360.8 kg).

## ABYC (American Boat and Yacht Council)

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***Revision***

BSR/ABYC P-21-202x, MANUAL AND ASSISTED HYDRAULIC STEERING SYSTEMS (revision of ANSI/ABYC P-21-2022)
Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations.

Project Need: This standard applies to engine mounted and boat mounted remote manual and assisted hydraulic steering systems used with single, twin, triple, and quadruple engine installations of outboard engines over 20 hp (14.9 kW) per outboard engine, as well as single and twin engine inboard, sterndrive, and water jet drives.

Interest Categories: Manufacturer - Boats; Manufacturer - Engines; Manufacturer - Accessory; Specialist Service; Specialist Misc.; Government; Consumer

This standard addresses the design, construction, and installation of remote manual and assisted hydraulic steering systems and their major components.

## ABYC (American Boat and Yacht Council)

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***Revision***

BSR/ABYC S-32-202x, WARNINGS AND SAFETY SIGNS FOR BOATS (revision of ANSI/ABYC S-32-2022)
Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations.

Project Need: This industry conformity standard addresses warning topics, design, layout, and installation locations of warnings and safety signs. This standard applies to all boats.

Interest Categories: Manufacturer - Boats; Manufacturer - Engines; Manufacturer - Accessory; Insurance/Survey; Specialist Misc.; Government; Consumer

This industry conformity standard addresses warning topics, design, layout, and installation locations of warnings and safety signs. This standard applies to all boats.

## ASCE (American Society of Civil Engineers)

Tanner Johnston <tjohnston@asce.org> | 1801 Alexander Bell Drive | Reston, VA 20190 www.asce.org

***New Standard***

BSR/ASCE/EWRI 60-202x, Guideline for Development of Effective Water Sharing Agreements (new standard)
Stakeholders: These models have been originally drafted for use among U.S. states, but they are readily adaptable for application in international transboundary water agreements.

Project Need: The present revision updates the version of the Standard approved in 2012, incorporating substantive editorial, conceptual, and terminological refinements to reflect advances in water governance practice, legal interpretation, and interdisciplinary approaches to shared water management. The standard guidelines address water-sharing arrangements where jurisdictional boundaries overlap or intersect at the basin, watershed, or aquifer scale, and do not apply to intrastate agreements between utilities or other entities lacking governmental authority.

Interest Categories: Consumer Producer General Interest Regulatory

Standard 60 provides standard guidelines for drafting legally binding transboundary water management agreements.

## ASCE (American Society of Civil Engineers)

Tanner Johnston <tjohnston@asce.org> | 1801 Alexander Bell Drive | Reston, VA 20190 www.asce.org

***Revision***

BSR/ASCE/EWRI 66-202x, Management Practices for Control of Erosion and Sediment from Construction Activities (revision of ANSI/ASCE/EWRI 66-2017)
Stakeholders: Federal, state, and local government may adopt standard 66-YY or reference it within their regulations. Agencies like the Environmental Protection Agency (EPA) or the Army Corps of Engineers may use or reference ASCE 66-YY in their guidance for federal construction projects and permits, including stormwater regulations under the National Pollutant Discharge Elimination System (NPDES).

Project Need: The benefits to the public from updating this standard include improving water quality, protecting the environment, enhancing public health and safety, and helping to control construction costs.

Interest Categories: Consumer Producer General Interest Regulatory

The objective of 66-YY, the proposed revision to ANSI/ASCE/EWRI 66-17, is to provide guidance for managing erosion and sediment runoff from construction sites, ensuring that sediment discharge doesn't significantly increase compared to preconstruction conditions.

## ASTM (ASTM International)

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

***New Standard***

BSR/ASTM WK100880-202x, New Practice for Decision-Point Analysis of Seized Drugs (new standard)
Stakeholders: Seized Drugs Industry

Project Need: The seized drugs discipline has adopted decision-point approaches to differentiate hemp from marijuana without full quantitative analysis. This approach may become increasingly useful as jurisdictions establish additional legal thresholds (e.g., 7-hydroxy mitragynine and other kratom-related substances). A discipline-specific standard is needed to establish minimum requirements for decision-point analysis and support consistent use across laboratories.

Interest Categories: Producer, User, General Interest, Unclassified

This practice covers the application of a decision-point to the analysis of seized drugs. Decision-point analysis is used to differentiate samples relative to a specified threshold or cutoff value. This practice covers the minimum requirements for decision-point establishment, evaluation of measurement uncertainty, method validation, quality control, interpretation of results, and reporting.

## ASTM (ASTM International)

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

***New Standard***

BSR/ASTM WK100898-202x, New Specification for Forensic Photographic Scales Used for Dimensional Reference in Imaging (new standard)
Stakeholders: Digital and Multimedia Evidence Industry

Project Need: Forensic photographic scales are commonly used to provide size reference in images and may support dimensional analysis. Currently available scales vary in dimensional accuracy, construction, durability, and verification. This standard will provide consensus requirements for forensic photographic scales as reference artifacts.

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

This specification will establish requirements for forensic photographic scales used as dimensional reference artifacts in forensic imaging. Requirements may address dimensional accuracy, marking and fiducial characteristics, materials, durability, identification, and verification. This specification does not address image acquisition, photographic technique, photogrammetric analysis, or the interpretation of image-derived measurements.

## ASTM (ASTM International)

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

***New Standard***

BSR/ASTM WK100899-202x, New Practice for Color Management in Forensic Imaging (new standard)
Stakeholders: Digital and Multimedia Evidence Industry

Project Need: Forensic images may be evaluated for color-dependent features. White balance selection and monitor calibration can affect the color appearance of images during acquisition, processing, and display. This practice will provide a consensus framework for documenting and managing these aspects of the forensic imaging workflow.

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

This practice will provide procedures for white balance and monitor calibration used in forensic imaging. It will address color management considerations for image acquisition, image processing, and image display. This practice does not establish the accuracy or interpretation of color-related forensic conclusions.

## CSA (CSA America Standards Inc.)

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

***Revision***

BSR/CSA HGV 3.1-202x, Fuel system components for compressed hydrogen gas powered vehicles (revision of ANSI/CSA HGV 3.1-2022)
Stakeholders: Manufacturers, regulators, third party testing agencies, and users.

Project Need: The new edition of this standard will support the safe deployment and use of fuel system components used on compressed hydrogen gas powered vehicles. The conformity assessment standard will be updated to include technology advancement since the previous edition.

Interest Categories: General interest, Manufacturer, regulators, and users

This Standard establishes requirements for newly produced compressed hydrogen gas fuel system components that are intended for use on hydrogen gas powered vehicles: check valves; manual valves; manual container valves; automatic valves and automatic container valves; hydrogen injectors; pressure sensors, temperature sensors, and pressure gauges; pressure regulators; pressure relief valves; pressure relief devices; excess flow valves; gastight housing and ventilation passages; stainless steel rigid fuel lines; flexible fuel lines, hoses, and assemblies; filter assemblies; fittings; non-metallic, low-pressure rigid fuel lines; and discharge line closures. This Standard applies to devices that have a nominal working pressure of either 25MPa, 35MPa, 50MPa, or 70MPa. This Standard also applies to components downstream of the first stage of pressure reduction with a maximum operating pressure designated by the manufacturer in MPa or kPa (psi). This Standard does not apply to the following: hydrogen gas fuel system components incorporated during the manufacture of motor vehicles originally manufactured in compliance with the Federal Motor Vehicle Safety Standards for Compressed Hydrogen Gas Fueled Vehicles and the Canadian Motor Vehicle Safety Standard; fuel containers; stationary power generation applications; container mounting hardware; electronic fuel management; or refuelling receptacles.

## CSA (CSA America Standards Inc.)

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

***Revision***

BSR/CSA NGV 3.1 (R202x), Fuel system components for compressed natural gas powered vehicles (revision of ANSI/CSA NGV 3.1-2020)
Stakeholders: Manufacturers, regulators, third party testing agencies, and users

Project Need: The new edition of this standard will support the safe deployment and use of fuel system components used on compressed natural gas powered vehicles. The conformity assessment standard will be used to include technology advancement since the previous edition.

Interest Categories: General interest, manufacturer, regulators, and users

This Standard establishes requirements for newly produced compressed natural gas fuel system components that are intended for use on natural gas powered vehicles: check valves, manual valves, manual container valves, automatic valves, gas injectors, pressure indicators, pressure regulators, gas flow adjusters, gas/air mixers, pressure relief valves, pressure relief devices, excess flow valves, gas-tight housing and ventilation hoses, rigid fuel lines, flexible fuel line, hoses, and assemblies, filters, fittings, discharge line closures. This Standard applies to devices that have a service pressure of either 16,500 kPa (2400 psi), 20,700 kPa (3000 psi), or 24,800 kPa (3600 psi). The Standard also applies to components downstream of the first stage of pressure reduction. This Standard does not apply to the following: natural gas fuel system components incorporated during the manufacture of motor vehicles originally manufactured in compliance with the Federal Motor Vehicle Safety Standards for Compressed Natural Gas Fueled Vehicles and the Canadian Motor Vehicle Safety Standard, fuel containers, stationary gas engines, container mounting hardware, electronic fuel management, fuelling receptacles, or three-way valves.

## CTA (Consumer Technology Association)

Karis Lee <klee@cta.tech> | 1919 Sout Eads Street | Arlington, VA 22202 www.cta.tech

***National Adoption***

BSR/CTA 6061-202x, Multimedia Systems and Equipment for Vehicles – Surround View System – Part 2: Recording Methods of the Surround View System IEC 63033-2:2022 (identical national adoption of IEC 63033-2:2022)
Stakeholders: consumers, manufacturers, retailers

Project Need: To nationally adopt IEC 63033-2:2022, Multimedia Systems and Equipment for Vehicles – Surround View System – Part 2: Recording Methods of the Surround View System.

Interest Categories: Producers, Users, General Interest

IEC 63033-2:2022 specifies recording methods of the surround view system that is specified in IEC 63033-1 in order to view the video file recorded with “free eye point” technology. IEC 63033-2:2022 cancels and replaces the first edition published in 2018. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) updates to the text and the title to reflect the change of the scope of the IEC 63033 series.

## CTA (Consumer Technology Association)

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***National Adoption***

BSR/CTA 6062-202x, Multimedia Systems and Equipment for Vehicles – Surround View System – Part 3: Measurement Methods IEC 63033-3:2022 (identical national adoption of IEC 63033-3:2022)
Stakeholders: consumers, manufacturers, retailers

Project Need: To nationally adopt IEC 63033-3:2022, Multimedia Systems and Equipment for Vehicles – Surround View System – Part 3: Measurement Methods.

Interest Categories: Producers, Users, General Interest

IEC 63033-3:2022 specifies measurement methods for the surround view system specified in IEC 63033-1. IEC 63033 -3:2022 cancels and replaces the first edition published in 2019. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) updates to the text and the title to reflect the change of the scope of the IEC 63033 series.

## CTA (Consumer Technology Association)

Karis Lee <klee@cta.tech> | 1919 Sout Eads Street | Arlington, VA 22202 www.cta.tech

***National Adoption***

BSR/CTA 6063-202x, Measurement Methods of Blue Light Characteristics and Related Optical Performance for Visual Display Terminals IEC 63207:2022 (identical national adoption of IEC 63207:2022)
Stakeholders: consumers, manufacturers, retailers

Project Need: To nationally adopt IEC 63207:2022, Measurement Methods of Blue Light Characteristics and Related Optical Performance for Visual Display Terminals

Interest Categories: Producers, Users, General Interest

IEC 63207:2022 specifies measurement methods for optical performance (luminance) and blue light characteristics (BLCs) of visual display terminals (VDTs), excluding displays for outdoor use only.

## CTA (Consumer Technology Association)

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***National Adoption***

BSR/CTA 6064-202x, Spatial Wireless Power Transfer Based on Multiple Magnetic Resonances – Part 1: Requirements IEC 63245-1:2021 (identical national adoption of IEC 63245-1:2021)
Stakeholders: consumers, manufacturers, retailers

Project Need: To nationally adopt IEC 63245-1:2021, Spatial Wireless Power Transfer Based on Multiple Magnetic Resonances – Part 1: Requirements

Interest Categories: Producers, Users, General Interest

IEC 63245-1:2021 specifies requirements for spatial wireless power transfer based on multiple magnetic resonances (SWPT-MMR), which is a non-radiative wireless power transfer (WPT). This document contains two categories of requirements: general requirements and functional requirements. The general requirements cover charging procedures and charging zones. The functional requirements cover each component of a SWPT-MMR system, such as transmitter coils.

## CTA (Consumer Technology Association)

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***National Adoption***

BSR/CTA 6065-202x, Spatial Wireless Power Transfer Based on Multiple Magnetic Resonances – Part 2: Reference Model IEC 63245-2:2022 (identical national adoption of IEC 63245-2:2022)
Stakeholders: consumers, manufacturers, retailers

Project Need: To nationally adopt IEC 63245-2:2022, Spatial Wireless Power Transfer Based on Multiple Magnetic Resonances – Part 2: Reference Model

Interest Categories: Producers, Users, General Interest

IEC 63245-2:2022 specifies a reference model for spatial wireless power transfer based on multiple magnetic resonances (SWPT-MMR), which is a type of non-radiative wireless power transfer (WPT). The document contains an overview of SWPT-MMR and a reference model.

## CTA (Consumer Technology Association)

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***National Adoption***

BSR/CTA 6066-202x, Digital Audio Interface – Part 5: Consumer Application Enhancement IEC 60958-5:2021 (identical national adoption of IEC 60958-5:2021)
Stakeholders: consumers, manufacturers, retailers

Project Need: To nationally adopt IEC 60958-5:2021, Digital Audio Interface – Part 5: Consumer Application Enhancement.

Interest Categories: Producers, Users, General Interest

IEC 60958-5:2021 enhances the consumer application of the interface for the interconnection of digital audio equipment defined in IEC 60958-1 and IEC 60958-3, introducing: - multichannel; - multi-stream; - high-resolution; - multimedia extension; - related applications.

## CTA (Consumer Technology Association)

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***National Adoption***

BSR/CTA 6067-202x, Interoperability Specifications and Communication Method for External Power Supplies Used with Computing and Consumer Electronics Devices IEC 63002:2025 (identical national adoption of IEC 63002:2025)
Stakeholders: consumers, manufacturers, retailers

Project Need: To nationally adopt IEC 63002:2025, Interoperability Specifications and Communication Method for External Power Supplies Used with Computing and Consumer Electronics Devices.

Interest Categories: Producers, Users, General Interest

IEC 63002:2025 defines common charging interoperability requirements for power sources, including external power supplies (EPSs), used with computing and consumer electronics devices implementing USB Type-C®. It specifies requirements for EPS interoperability, including data communicated between a power source and device and certain safety elements of the EPS, cable, and device. The document also provides recommendations for device behavior and specifies minimum hardware requirements for an EPS implementing USB Type-C. IEC 63002:2025 specifies data objects used by charging systems to identify and understand the design, performance characteristics, and operating status of an external power supply. It supports USB Power Delivery applications up to 240 W for devices such as notebook computers, tablets, smartphones, desktops, displays, and other multimedia devices. The third edition increases the supported power range to 240 W, introduces AVS mode, adds safeguards for EPR mode, and updates guidance addressing combinations of AC adapters and devices. It does not specify regulatory compliance requirements for product safety, EMC, or energy efficiency.

## CTA (Consumer Technology Association)

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***National Adoption***

BSR/CTA 6068-202x, Audio Archive System – Part 1-2: BD Disk and Data Migration for Long-Term Audio Data Storage IEC 62702-1-2:2022 (identical national adoption of IEC 62702-1-2:2022)
Stakeholders: consumers, manufacturers, retailers

Project Need: To nationally adopt IEC 62702-1-2:2022, Audio Archive System – Part 1-2: BD Disk and Data Migration for Long-Term Audio Data Storage.

Interest Categories: Producers, Users, General Interest

IEC 62702-1-2:2022 specifies a method of data-quality assurance for writable BD disks (hereafter referred to as “disks”) which are specified for long-term data storage, and a data migration method which can sustain the recorded data on disks for long-term audio data preservation. The writable disks include BD recordable disk and BD rewritable disk. IEC 62702-1-2:2022 cancels and replaces the first edition published in 2016. This edition constitutes a technical revision. In order to reflect the updates to ISO/IEC 29121:2021, this edition includes the following significant technical changes with respect to the previous edition: a) ISO/IEC 16963 has been identified as the referee test method for the estimation of lifetime; b) the ambient conditions for the measurement of maximum data error have been added; c) the requirements for test drives have been changed considering the use condition of users; d) the requirements for the estimated lifetime have been defined more clearly; e) the requirements for the periodic performance test have been defined more clearly

## CTA (Consumer Technology Association)

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***National Adoption***

BSR/CTA 6069-202x, Audio and audiovisual equipment – Digital audio parts – Basic measurement methods of audio characteristics – Part 1: General IEC 61606-1:2009 (identical national adoption of IEC 61606-1:2009)
Stakeholders: consumers, manufacturers, retailers

Project Need: To nationally adopt IEC 61606-1:2009, Audio and audiovisual equipment – Digital audio parts – Basic measurement methods of audio characteristics – Part 1: General.

Interest Categories: Producers, Users, General Interest

IEC 61606-1:2009 is applicable to the basic methods of measurement of the audio characteristics of the digital audio part of audio and audiovisual equipment for all of consumer use, professional use and personal computer. The common measuring conditions and methods, described in this standard, are used for the measurement of the performance characteristics of equipment having an audio bandwidth equal to approximately one-half of the sampling frequency of a system, where the audio information is processed in the form of digital data. CD players, DAT recorders, digital amplifiers, digital sound broadcast receivers and television broadcast receivers with digital sound are examples. It describes test methods for equipment which has digital input with analogue output and analogue input with digital output. Future revisions of this standard will cover digital-in/digital-out and analogue-in/analogue-out tests. It constitutes a technical revision. The significant technical changes with respect to the first edition are the following: - changed the period of preconditioning; - add A weighting filter in measuring instruments; - correct the wrong reference number; - some inappropriate descriptions have been improved.

## CTA (Consumer Technology Association)

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***National Adoption***

BSR/CTA 6070-202x, Audio/video, information and communication technology equipment – Environmentally conscious design IEC 62075:2012 (identical national adoption of IEC 62075:2012)
Stakeholders: consumers, manufacturers, retailers

Project Need: To nationally adopt IEC 62075:2012, Audio/video, information and communication technology equipment – Environmentally conscious design.

Interest Categories: Producers, Users, General Interest

IEC 62075:2012 applies to all audio/video, information and communication technology equipment marketed as final products, hereafter referred to as products. Although this standard does not explicitly apply to individual components and subassemblies to be incorporated into final products, component manufacturers also should consider this standard, to enable manufacturers using such components to meet the requirements herein. Only the intended use of products as defined by the manufacturer is within the scope of this standard. This standard specifies requirements and recommendations for the design of environmentally sound products regarding: - life cycle thinking aspects, - material efficiency, - energy efficiency, - consumables and batteries, - chemical and noise emissions, - end of life, - hazardous substances/preparations, - and product packaging. This standard covers only criteria directly related to the environmental performance of the product. Criteria such as safety, ergonomics and electromagnetic compatibility (EMC) are outside the scope of this standard and covered by other standards. This second edition cancels and replaces the first edition published in 2008. It is primarily an editorial revision that adds information related to the modifications noted in certain definitions and updating of regulation references. Keywords: Audio/Video, Environmental Aspects, Life Cycle

## CTA (Consumer Technology Association)

Karis Lee <klee@cta.tech> | 1919 Sout Eads Street | Arlington, VA 22202 www.cta.tech

***New Standard***

BSR/CTA 2120 Errata-202x, Design Requirements for a Label for IoT Device Cybersecurity (new standard)
Stakeholders: consumers, manufacturers, and retailers

Project Need: There is a need to update the reference to ISO/IEC 15415 from the 2011 version to the 2024 version.

Interest Categories: user, general interest, producer

This project will develop a standard consistent with the US national label program that defines a cybersecurity label design.

## IES (Illuminating Engineering Society)

Patricia McGillicuddy <pmcgillicuddy@ies.org> | 85 Broad Street, 17th Floor | New York, NY 10004 www.ies.org

***New Standard***

BSR/IES TM or LP-202x, Technical Memorandum or Lighting Practice: User Defined Evaluation Methods for Outdoor Lighting (new standard)
Stakeholders: Lighting Practitioners, electrical engineers, architects, interior designers, related people in the built environment areas, regulatory/code, luminaire manufacturers and trades, testing labs, optical and vision experts.

Project Need: Existing: Back Light, Uplight, and Glare ratings used to evaluate luminaire optical performance related to light trespass, sky glow, and high-angle brightness control. These ratings are based on a zonal lumen calculations for secondary solid angles defined in TM-15. The zonal lumen thresholds listed in Tables A-1, A-2, and A-3 are based on data from photometric testing procedures approved by the Illuminating Engineering Society for outdoor luminaires (ANSI/IES LM-31-20 or ANSI/IES LM-35-20).

Interest Categories: Technical Committee: Producer (P) Specifier (US) Affected (UA) Public Interest (UP) Academic/Research (GAR) Government/Regulatory (GGR) Unaffiliated Subject Matter Expert (GSME) Test Equipment User (TEU) Test Equipment Manf (TEM)

Re-designate the “TM-15” identification into a new TM or LP. Revise the language to update it potentially using different metrics or rating tools such as % lumens, candela maximums, sky glow spectral content, as well as application accessories and guidance.

## NEMA (ASC C18) (National Electrical Manufacturers Association)

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

***Revision***

BSR C18.2M Part 2-202x, Portable Nickel Rechargeable Cells and Batteries - Safety Standard (revision of ANSI C18.2M, Part 2-2026) (revision of ANSI C18.2M Part 2-2026)
Stakeholders: consumer electronics industry, toys industry, manufacturers, testing labs

Project Need: Introduce new requirements and update standards

Interest Categories: Producers, Users and Testing Labs, General Interests

This standard specifies performance requirements for standardized portable nickel cadmium and nickel metal hydride rechargeable cells and batteries to ensure their safe operation under normal use and reasonably foreseeable misuse. It also includes information relevant to hazard avoidance.

## RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)

Maeceon Lewis <mlewis@resna.org> | 2001 K Street NW | 3rd Floor North | Washington D.C., DC 20006 www.resna.org

***National Adoption***

BSR/RESNA WC-3-202x, Wheelchairs Volume 3 (identical national adoption of ISO 16840-2, 16840-3, 16840-6, 16840 -9,16840-10, 16840-11, 16840-12, 16840-13, 16840-14, 16840-15 and 16840-16 and revision of ANSI/RESNA Wc-3 -2018)

Stakeholders: Individuals who use a wheelchair, caregivers and organizations representing the technical needs of persons with mobility impairments, assistive technology practitioners and suppliers of wheelchair and seating devices, the US Food and Drug Administration (FDA) that manages wheelchairs as medical devices, the Centers for Medicare and Medicaid Services (CMS) that establishes coding guidelines and reimburesement policy for the provision of mobility technologies, manufacurers of wheelchairs, scooters and wheelchair seating devices, and researchers, designers and test labs for wheelchair and wheelchair seating devices.

Project Need: Several ISO 16840 standards adopted in RESNA WC-3 have been revised (parts 2, 3 and 12) and new parts of the standard series have been published. RESNA WC-3 needs to be revised accordingly. New sections under consideration for adoption include 16840-9 to address clinical interface pressure mapping guidelines for seating, 16840-10 to address the need for appropriate flammability testing that is not based upon non-clinical furniture standards, 16840-11 to address the need to quantify microclimate conditions that have been identified as a contributor to the risk of pressure injury development, 16840-13 to address the need to assess seat cushion stability, 16840-14 to provided needed technical specifications on use of common terms related to support surface forces and their effects on the human body, 16840-15 to provide needed technical specifications regarding the selection, placement and fixation of postural support devices, and 16840-16 to address technical specifications for modeling and computer simulation of wheelchair seating.

Interest Categories: 1) Clinician/prescriber; (2) Policy expert, payer, or educator; (3) Consumer, advocate, or caregiver; (4) Manufacturer/supplier and (5) Product research and development expert

Wheelchair seating as a sub-specialty of rehabilitation services involves the selection and provision of wheelchair seating products to provide improved body support to the wheelchair user. This standard applies to all wheelchair seating and postural devices. It specifies test procedures designed to produce objective information about the safety, performance and/or characterization of wheelchair seating products.

# 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: November 15, 2026

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

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

***Addenda***

ASHRAE Addendum p to ANSI/ASHRAE Standard 34-2024, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2024)
This addendum provides additional guidance to make the determination of the Lower Flammability Limit (LFL) more explicit and updates the composition tolerances applicable to R-494B.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

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

***Addenda***

BSR/ASHRAE Addendum i to ASHRAE Standard 147-2019, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2019)
This addendum makes updates to Normative References in Section 11.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

# Comment Deadline: November 15, 2026

### MSS (Manufacturers Standardization Society)

441 N. Lee Street, Alexandria, VA 22314 | standards@msshq.org, www.mss-hq.org

***Revision***

BSR/MSS SP-114-202x, SP-114 Corrosion Resistant Pipe Fittings, Threaded and Socket-Welding, Class 150 and 1000 (revision of ANSI/MSS SP-114-2018)
This Standard Practice for corrosion resistant pipe fittings threaded and socket-welding, Class 150 and 1000, establishes requirements for the following: a) Pressure-temperature ratings b) Size and method of designating openings of reducing fittings c) Marking d) Minimum requirements for materials e) Dimensions and tolerances f) Threading g) Testing
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Kaley Garubba <standards@msshq.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 62841-4-8-202x, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 4-8: Particular requirements for shredders/chippers (identical national adoption of IEC 62841-4-8)
Proposal to adopt the First Edition of IEC 62841-4-8:2025, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-8: Particular requirements for shredders/chippers, as the First Edition of UL 62841-4-8 . This recirculation is proposed to remove the National Deviation and adopt IEC 62841-4-8 without modifications.
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 541-202x, Standard for Safety for Refrigerated Vending Machines (revision of ANSI/UL 541-2020 (R2026))
Alternate Flame Symbol for Vending Machines with Flammable Refrigerants
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)

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

***Revision***

BSR/UL 778-202x, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778-2024)
The requirements of this standard cover submersible and nonsubmersible motor-operated pumps intended to be used in ordinary locations in accordance with the National Electrical Code, NFPA 70. The aim of this project is to add requirements for the dielectric voltage withstand test of products with built in voltage limiting circuits.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions on the following website to enter comments into the CSDS Work Area: https://csds.ul.org/ProposalAvailable

# Comment Deadline: November 15, 2026

### ULSE (UL Standards and Engagement)

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

***Revision***

BSR/UL 1277-202x, Standard for Safety for Electrical Power and Control Tray Cables with Optional Optical-Fiber Members (revision of ANSI/UL 1277-2025)
This standard covers electrical power and control cables consisting of either two or more current-carrying copper, aluminum, or copper-clad aluminum circuit conductors, or one or more pairs of thermocouple-extension wires. This project revises a previous project in response to comments received during the UL 1277 Ballot, dated August 7, 2026. The revised proposal introduces a separate table for flat cable constructions, establishes jacket thickness requirements based on the width of the flat cable assembly under the jacket, and clarifies dimensional terminology. These revisions address concerns regarding the treatment of flat cable geometries and the basis for determining the applicable jacket thickness requirements.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions on the following website to enter comments into the CSDS Work Area: https://csds.ul.org/ProposalAvailable

### ULSE (UL Standards and Engagement)

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

***Revision***

BSR/UL 1558-202x, Standard for Safety for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear (revision of ANSI/UL 1558-2026)
This revision of ANSI/UL 1558 includes: DC Ratings revisions and Service Equipment updates.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: “https://csds.ul.org/ProposalAvailable”.

# Comment Deadline: November 30, 2026

### ASABE (American Society of Agricultural and Biological Engineers)

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

***Reaffirmation***

BSR/ASAE S318.19-OCT2022 (R202x), Safety for Agricultural Field Equipment (reaffirmation of ANSI/ASAE S318.19-OCT2022)
This Standard is a guide to provide a reasonable degree of personal safety for operators and other persons during the normal operation and servicing of agricultural field equipment. This Standard does not apply to skid steer loaders, permanently installed grain dryers, and agricultural equipment covered by other safety standards, such as but not limited to permanently installed farmstead equipment, portable grain augers, and storage structures, except where specifically referenced by other standards.
Single copy price: Free
Obtain an electronic copy from: wall@asabe.org
Send comments (copy psa@ansi.org) to: Walter Brace <wall@asabe.org>

# Comment Deadline: November 30, 2026

### ASABE (American Society of Agricultural and Biological Engineers)

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

***Reaffirmation***

BSR/ASAE S351-FEB1972 (R202x), Hand Signals for Use in Agriculture (reaffirmation of ANSI/ASAE S351-1982 (R2022))
This Standard provides for hand signals to be used in agricultural operations especially when noise or distance precludes the use of normal voice communication. The purpose of the hand signals is to provide an easy means of communication, particularly in the interest of safety.
Single copy price: Free
Obtain an electronic copy from: wall@asabe.org
Send comments (copy psa@ansi.org) to: Walter Brace <wall@asabe.org>

### ASABE (American Society of Agricultural and Biological Engineers)

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

***Reaffirmation***

BSR/ASAE S354.8-MAY2022 (R202x), Safety for Farmstead Equipment (reaffirmation of ANSI/ASAE S354.8-MAY2022)
This standard is a guide to provide a reasonable degree of personal safety for operators and other persons during normal operation and servicing of farmstead equipment. It applies to powered farmstead equipment, other than agricultural field equipment, used in agricultural operations for the production of food and fiber. Farmstead equipment is intended for use within a farmstead(yard) or within a commercial site. Equipment may be stationary or portable. Farmstead equipment includes, for example: potato and root crop cleaners, grain cleaners, cleaning and washing equipment, potato and vegetable conveying equipment, grain and forage dryers, drying and aeration fans, feed grinders and mixers, electrical generators, potato and root crop grading equipment, irrigation equipment, livestock feeding systems, livestock watering and waste handling systems, livestock scales, grain augers, grain belt conveyors, grain vacs, bucket elevators, chain conveyors, pneumatic conveyors, screw conveyors, and other material handling equipment, water and sewage pumps, grain storage systems and milling systems. as defined in paragraph 3.1. This standard does not apply to agricultural field equipment nor to self-propelled mobile equipment such as motor vehicles, all-terrain vehicles, and skid-steer loaders.
Single copy price: Free
Obtain an electronic copy from: wall@asabe.org
Send comments (copy psa@ansi.org) to: Walter Brace <wall@asabe.org>

### ASABE (American Society of Agricultural and Biological Engineers)

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

***Withdrawal***

BSR/ASABE/ISO 9190:1990, Lawn and garden ride-on (riding) tractors -Drawbar (withdrawal of ANSI/ASAE/ISO 9190:1990 OCT2001 (R2022))
This International Standard specifies the dimensions and location requirements for drawbars on lawn and garden ride-on (riding) tractors. It applies to lawn and garden ride-on (riding) tractors as defined below. The requirements specified are essential to ensure that all types of towed implements, designed for operation in conjunction with lawn and garden tractors, can be operated with all currently manufactured types of lawn and garden tractors designed to pull such implements.
Single copy price: Free
Obtain an electronic copy from: stell@asabe.org
Send comments (copy psa@ansi.org) to: Carla VanGilder <stell@asabe.org>

# Comment Deadline: November 30, 2026

### CSA (CSA America Standards Inc.)

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

***Reaffirmation***

BSR Z21.13a 2010 (R202x), Gas-fired low pressure steam and hot water boilers, same as CSA 4.9a (reaffirmation of ANSI Z21.13-2022/CSA 4.9-2022)
Details test and examination criteria for Category I, Category II, Category III and Category IV low-pressure steam and hot-water boilers for use with natural, manufactured, and mixed gases; liquefied petroleum gases; and LP gas-air mixtures. A boiler is defined in the standard as a boiler operating at or below the following pressures or temperatures: steam heating boiler - 15 psi (103.42 kPa) steam pressure; hot water heating or supply boiler - 160 psi (1.10 MPa) water pressure, 250°F (121°C) water temperature.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

### CSA (CSA America Standards Inc.)

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

***Reaffirmation***

BSR Z83.8 2015 (R202x), Gas unit heaters, gas packaged heaters, gas utility heaters, and gas-fired duct furnaces, same as CSA 2.6 (reaffirmation of ANSI Z83.8-2016 CSA 2.6-2016)
This Standard applies to newly produced gas fired-duct furnaces, packaged heaters, and unit heaters with input rates up to and including 10,000,000 Btu/h (2 931 kW) and utility heaters with inputs up to and including 400,000 Btu/hr (117.2 kW) constructed entirely of new, unused parts and materials: a) for use with natural gas with inlet gas pressures up to and including 5.0 psi (34.5 kPa); unit heaters, packaged heaters, and duct furnace with burners having inputs rates over 400,000 Btu/hr (117 228 kW) may have higher inlet pressures; b) for use with liquefied petroleum gases; and c) convertible for use with natural gas and liquefied petroleum gases, when provision is made for the conversion from one gas to the other.
Single copy price: Free
Obtain an electronic copy from: ANSI.CONTACT@CSAGROUP.ORG
Send comments (copy psa@ansi.org) to: ANSI.CONTACT@CSAGROUP.ORG

### ECIA (Electronic Components Industry Association)

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

***National Adoption***

BSR/EIA 60384-9-202x, Fixed capacitors for use in electronic equipment - Part 9: Sectional specification: Fixed capacitors of ceramic dielectric, Class 2 (national adoption of IEC 60384-9 ED5 with modifications and revision of ANSI/EIA 60384-9-2017)
This part of 60384 is applicable to fixed capacitors of ceramic dielectric with a defined temperature coefficient (dielectric Class 2), intended for use in electronic equipment, including leadless capacitors but excluding fixed surface mount multilayer capacitors of ceramic dielectric, which are covered by IEC 60384-22 (Class 2). Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14.
Single copy price: $108.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: emikoski@ecianow.org

# Comment Deadline: November 30, 2026

**ECIA (Electronic Components Industry Association)**
13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

***Reaffirmation***

BSR/EIA 944-2013 (R202x), Surface Mount Chip Bead Qualification Specification (reaffirmation of ANSI/EIA 944 -2013 (R2020))
This specification defines the qualification program for surface mount ferrite chip beads. The qualification program is defined in Table 1. Specification sheets can be added, as required, to define specific products or to cover unique/specific requirements. This document does not relieve the supplier of their responsibility to their own company's internal qualification program.
Single copy price: $75.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: Edward Mikoski (emikoski@ecianow.org)

**ECIA (Electronic Components Industry Association)**
13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

***Reaffirmation***

BSR/EIA 977-2017 (R202x), Test Method Electronic Passive Components Exposure to Atmospheric Sulfur (reaffirmation of ANSI/EIA 977-2017)
This standard defines options for testing passive electronic components for susceptibility to the effects of environmental sulfur. Such susceptibility results in the corrosion of silver in the presence of sulfur compounds in a liquid or gaseous state, potentially leading to component failure.
Single copy price: $76.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: Edward Mikoski (emikoski@ecianow.org)

**ECIA (Electronic Components Industry Association)**
13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

***Reaffirmation***

BSR/EIA 60384-3-2017 (R202x), Fixed capacitors for use in electronic equipment - Part 3: Sectional specification - Surface mount fixed tantalum electrolytic capacitors with solid (MnO2) electrolyte (reaffirmation of ANSI/EIA 60384-3-2017)
This part of 0384 applies to fixed tantalum electrolytic surface mount capacitors with solid (MnO2) electrolyte primarily intended for d.c. applications for use in electronic equipment. These capacitors are primarily intended for use in electronic equipment to be mounted directly on substrates for hybrid circuits or to printed boards. Capacitors for special-purpose applications may need additional requirements. The following two styles are considered: - Style 1: Capacitors protected with external materials; - Style 2: Capacitors unprotected with external materials.
Single copy price: $105.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: emikoski@ecianow.org

# Comment Deadline: November 30, 2026

### GBI (Green Building Initiative)

7805 SW 40th Avenue #80010, Portland, OR 97219 | eberumen@thegbi.org, www.thegbi.org

***Revision***

BSR/GBI 01-202x, Assessment Protocol for Design, New Construction, and Major Renovations (revision of ANSI/GBI 01-2024) (revision of ANSI/GBI 01-2024)
The Standard includes criteria and practices for resource-efficient, healthy, resilient, and environmentally preferable construction of commercial buildings. Six areas of green building design will be included: Environmental/Project Management, Site, Energy, Water Efficiency, Materials, and Indoor Environment.
Single copy price: $4.00
Obtain an electronic copy from: https://thegbi.org/green-building-standards/nc/
Send comments (copy psa@ansi.org) to: Erika Berumen 503-274-0448 X130 comment@thegbi.org

### HL7 (Health Level Seven)

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

***Reaffirmation***

BSR/HL7 CDAR2 IG CONSENTDIR, R1-2017 (R202x), HL7 CDA® R2 Implementation Guide: Privacy Consent Directives, Release 1 (reaffirmation and redesignation of ANSI/HL7 CDAR2 IG CONSENTDIR, R1-2017 (R2021))
This is a structured document specification to exchange signed Consent Directives. This specification will make use of the concepts identified in the Composite Privacy Consent Directive - Domain Analysis Model - and the CDA R2 specification. This implementation guide is not only intended to provide a computable representation of a consent directive but the resulting structured documents could be used to generate enforceable assertions or rules (e.g. SAML, XACML).
Single copy price: Free
Obtain an electronic copy from: lynn@hl7.org
Send comments (copy psa@ansi.org) to: lynn@hl7.org

### ITSDF (Industrial Truck Standards Development Foundation, Inc.)

1750 K Street NW, Washington, DC 20006 | info@itsdf.org, www.indtrk.org

***Revision***

BSR/ITSDF B56.1-202x, Safety Standard for Low Lift and High Lift Trucks (revision of ANSI/ITSDF B56.1-2020)
This Standard defines the safety requirements relating to the elements of design, operation, and maintenance of low lift and high lift powered industrial trucks controlled by a riding or walking operator, and intended for use on compacted, improved surfaces.
Single copy price: Free
Obtain an electronic copy from: info@itsdf.org
Send comments (copy psa@ansi.org) to: Ryan Crane <info@itsdf.org>

### NENA (National Emergency Number Association)

1700 Diagonal Road Suite 500, Suite 500, Alexandria, VA 22314 | crm@nena.org, www.nena.org

***New Standard***

BSR/NENA STA-022.2-202x, NENA Standard for Emergency Notification Systems (new standard)
This document is provided to assist public safety agencies develop a working knowledge of baseline requirements for the design, implementation, use, and maintenance of an emergency notification system.
Single copy price: Free
Obtain an electronic copy from: Download and submit comments here.

Send comments (copy psa@ansi.org) to: Same

# Comment Deadline: November 30, 2026

### NPPC (National Pork Producers Council)

2950 Niles Road, St. Joseph, MI 49085 | ingeson@asabe.org, www.nppc.org

***Revision***

BSR/NPPC BSR/GELPP 0001-202x, Animal Feeding Operations -General Site Conditions (revision of ANSI/GELPP 0001-2002 (R2021))
The project will keep the standard current and relevant. Revise the standard from a group of interested participants. The scope of the standard will not change.
Single copy price: Free
Obtain an electronic copy from: ingeson@asabe.org
Send comments (copy psa@ansi.org) to: Sydney Ingeson <ingeson@asabe.org>

### NSF (NSF International)

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

***Revision***

BSR/NSF 46-202x (i46r2), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2022)
The purpose of this standard is to establish minimum materials, design and construction, and performance requirements for components and devices used in the handling, treating, recycling, reusing, or disposal of wastewater. This standard is intended to protect public health and the environment as well as to minimize nuisance factors.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/higherlogic/ws/public/download/85119/46i46r2%20-%20Clean%20Up%20-%20JC%20memo%20%26%20ballot.pdf
Send comments (copy psa@ansi.org) to: smccormick@nsf.org

### TIA (Telecommunications Industry Association)

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

***National Adoption***

BSR/TIA 455-226-A-202x, FOTP-226 Adoption of IEC 61746-1:2009 Calibration of Optical Time-Domain Reflectometers (OTDR) - Part 1: OTDR for Single Mode Fibres (identical national adoption of IEC 61746-1:2009)
Revision of TIA/EIA-455-226 by adopting IEC 61746-1:2009. This document deals with the procedures for calibrating single-mode optical time domain reflectometers (OTDR). The entire document is open for comment.
Single copy price: $623.00
Obtain an electronic copy from: standards-process@tiaonline.org
Send comments (copy psa@ansi.org) to: Same

# Comment Deadline: November 30, 2026

### TIA (Telecommunications Industry Association)

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

*Revision*

BSR/TIA 568.1-F-202x, Commercial Buildings (revision, redesignation and consolidation of ANSI/TIA 568.0-E, ANSI/TIA 568.0-E-1, ANSI/TIA 568.1-E, ANSI/TIA 568.1-E-1 and ANSI/TIA 862-C)
This Standard specifies requirements for cabling infrastructure including cabling topology, architecture, design and installation practices, test procedures, and components. The cabling infrastructure specified by this Standard is intended to support a wide range of commercial building sites, applications (e.g., voice, data, text, video, and image), and systems particularly those that utilize or can utilize IP-based infrastructure. The entire document is open for comment.
Single copy price: $184.00
Obtain an electronic copy from: standards-process@tiaonline.org
Send comments (copy psa@ansi.org) to: Same

### ULSE (UL Standards and Engagement)

12 Laboratory Drive, Durham, NC 27713 | Lanaya.bankins-woody@UL.org, https://ulse.org/

*National Adoption*

BSR/UL 61010-1-202x, Standard for Safety for Safety Requirements for Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements (national adoption of IEC 61010-1:2010 with modifications and revision of ANSI/UL 61010-1-2024)
These proposals are to revise the requirements for lasers in Clause 12.6; add new Clause 14.12 to address coin/button cell batteries; revise Clause 13.1 and add new Annex DVF to establish requirements for compressed hydrogen gas system components and devices intended for use with hydrogen gas; incorporate corrections from the November 2024 update; correct Table H.1; introduce proposed national differences to Clause 5.3 regarding the durability of markings; revise Clause 6.5.2.4DV concerning the impedance of protective bonding; and add new Clause 14.13 to include requirements for lithium cells and battery packs.
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)

100 Queen St. Suite 1040, Ottawa, Canada, ON K1P1J9 | Emily.Stephens@UL.org, https://ulse.org/

*Reaffirmation*

BSR/UL 1839-2021 (R202x), Standard for Automotive Battery Booster Cables (reaffirmation of ANSI/UL 1839 -2021)
Reaffirmation and continuance of the Second Edition of the Standard for Automotive Battery Booster Cables, UL 1839, as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.org/ProposalAvailable
Send comments (copy psa@ansi.org) to: https://csds.ul.org/ProposalAvailable

# Comment Deadline: November 30, 2026

### ULSE (UL Standards and Engagement)

1603 Orrington Ave, Suite 2000 , Evanston, IL 60201 | Dakota.Sabotka@UL.org, https://ulse.org/

***Revision***

BSR/UL 155-202x, Standard for Tests for Fire Resistance of Vault and File Room Doors (revision of ANSI/UL 155 -2024)
Proposed New Edition (9th Edition) for UL 155
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)

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

***Revision***

BSR/UL 2580-202x, Standard for Safety for Batteries for Use In Electric Vehicles (revision of ANSI/UL 2580 -2022)
This revision of ANSI/UL 2580: 1. Reorganization of UL/ULC 2580 to reflect requirements for different applications. 2. Addition of evaluation method of galvanic corrosion determination. 3. Update spacing requirement for the battery. 4. Update of requirements for functional safety and disconnect device. 5. Addition of High Rate Charge Test. 8. Update requirements for polymeric material. 9. Add requirements for mechanical assembly and mounting means. 10. Update Immersion test and addition of Water Exposure Test. 11. Update Temperature Test method and criteria. 14. Update requirements for various type of batteries.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.org/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work “https://csds.ul.org/ProposalAvailable”.

# Comment Deadline: December 15, 2026

### ULSE (UL Standards and Engagement)

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

***Revision***

BSR/UL 8800-202x, Standard for Safety for Horticultural Lighting Equipment And Systems (revision of ANSI/UL 8800-2025)
This proposal for UL 8800 covers: 1) Leakage Current Testing
Single copy price: Free
Order from: https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.org/ProposalAvailable

# Comment Deadline: December 15, 2026

### ULSE (UL Standards and Engagement)

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

***Revision***

BSR/UL 8802-202x, Standard for Safety for Ultraviolet (UV) Germicidal Equipment and Systems (revision of ANSI/UL 8802-2023)
This proposal for UL 8802 covers: 1) Photobiological assessment - skin and eye limits 2) Presence Detection Determination 3) Functional Safety of Autonomous Control Systems
Single copy price: Free
Order from: https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.org/ProposalAvailable

# Project Withdrawn

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

### ASTM (ASTM International)

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

BSR/ASTM WK97853-202x, New Practice for Uncertainty Estimation in the Context of Seized Drug Analysis (new standard)
Send comments (copy psa@ansi.org) to: Meredith Klein <accreditation@astm.org>

### ECIA (Electronic Components Industry Association)

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

BSR/EIA 576-C 2020 (R202x), Resistors, Thin Film Rectangular SMD on Ceramic (reaffirmation of ANSI/EIA 576-C-2020)
Send comments (copy psa@ansi.org) to: Laura Donohoe <ldonohoe@ecianow.org>

### ECIA (Electronic Components Industry Association)

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

BSR/EIA 692-202x, Ceramic Capacitor Qualification Specification (new standard)
Send comments (copy psa@ansi.org) to: Laura Donohoe <ldonohoe@ecianow.org>

# Notice of Withdrawal: ANS at least 10 years past approval date

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### ACCA (Air Conditioning Contractors of America)

1520 Belle View Boulevard, #5220, Alexandria, VA 22307 | kevin.powell@acca.org, www.acca.org

ANSI/ACCA 2 Manual J-2016, Residential Load Calculations (revision of ANSI/ACCA 2 Manual J-2011)
Send comments (copy psa@ansi.org) to: Kevin Powell <kevin.powell@acca.org>

# Notice of Withdrawal: ANS at least 10 years past approval date

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### ACCA (Air Conditioning Contractors of America)

1520 Belle View Boulevard, #5220, Alexandria, VA 22307 | kevin.powell@acca.org, www.acca.org

ANSI/ACCA 9 QIvp Standard-2016, HVAC Quality Installation Verification Protocols (revision of ANSI/ACCA 9 QIvp -2011)
Send comments (copy psa@ansi.org) to: Kevin Powell <kevin.powell@acca.org>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### AIAA (American Institute of Aeronautics and Astronautics)

12700 Sunrise Valley Drive, Suite 200, Reston, VA 20191-5807 | micheled@aiaa.org, www.aiaa.org

ANSI/AIAA S-119-2011 (R2016), Flight Dynamics Model Exchange Standard (reaffirmation of ANSI/AIAA S-119 -2011)
Send comments (copy psa@ansi.org) to: Michele Dominiak <micheled@aiaa.org>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### AIAA (American Institute of Aeronautics and Astronautics)

12700 Sunrise Valley Drive, Suite 200, Reston, VA 20191-5807 | micheled@aiaa.org, www.aiaa.org

ANSI/AIAA S-131-2011 (R2016), Astrodynamics - Propagation Specifications, Technical Definitions, and Recommended Practices (reaffirmation of ANSI/AIAA S-131-2011)
Send comments (copy psa@ansi.org) to: Michele Dominiak <micheled@aiaa.org>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### ASCE (American Society of Civil Engineers)

1801 Alexander Bell Drive, Reston, VA 20190 | tjohnston@asce.org, www.asce.org

ANSI/ASCE/EWRI 45-46-47-2016, ASCE/EWRI 45 Standard Guidelines for the Design of Urban Stormwater Systems ASCE/EWRI 46 Standard Guidelines for the Installation of Urban Stormwater Systems ASCE/EWRI 47 Standard Guidelines for the Operation and Maintenance of Urban Stormwater Systems (new standard)
Send comments (copy psa@ansi.org) to: Tanner Johnston <tjohnston@asce.org>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### ASCE (American Society of Civil Engineers)

1801 Alexander Bell Drive, Reston, VA 20190 | tjohnston@asce.org, www.asce.org

ANSI/ASCE/SEI 25-2016, Earthquake Actuated Gas Shutoff Valves (revision of ANSI/ASCE/SEI 25-2007)
Send comments (copy psa@ansi.org) to: Tanner Johnston <tjohnston@asce.org>

# Notice of Withdrawal: ANS at least 10 years past approval date

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### ASTM (ASTM International)

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

ANSI/ASSE Z9.11-2016, Laboratory Decommissioning (revision and redesignation of ANSI/AIHA Z9.11-2008)
Send comments (copy psa@ansi.org) to: Meredith Klein <accreditation@astm.org>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### ATCC (American Type Culture Collection)

217 Perry Parkway, Suite 1, Gaithersburg, MD 20877 | aday@atcc.org, www.atcc.org

ANSI/ATCC ASN-0003-2015, Species-Level Identification of Animal Cells through Mitochondrial Cytochrome c Oxidase Subunit 1 (CO1) DNA Barcodes (new standard)
Send comments (copy psa@ansi.org) to: Amber Day <aday@atcc.org>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### AWS (American Welding Society)

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

ANSI/AWS A5.35/A5.35M-AMD1-2016, Specification for Covered Electrodes for Underwater Wet Shielded Metal Arc Welding (revision of ANSI/AWS A5.35/A5.35M-2015)
Send comments (copy psa@ansi.org) to: Peter Portela <pportela@aws.org>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### AWS (American Welding Society)

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

ANSI/AWS B1.10M/B1.10-2016, Guide for the Nondestructive Examination of Welds (revision, redesignation and consolidation of ANSI/AWS B1.10-2009, ANSI/AWS B1.10M-2004 (R2014))
Send comments (copy psa@ansi.org) to: Peter Portela <pportela@aws.org>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### AWS (American Welding Society)

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

ANSI/AWS C7.3M/C7.3-2016, Process Specification for Electron Beam Welding (revision of ANSI/AWS C7.3-1999 (R2003))
Send comments (copy psa@ansi.org) to: Peter Portela <pportela@aws.org>

# Notice of Withdrawal: ANS at least 10 years past approval date

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### DMSC (Digital Metrology Standards Consortium, Inc.)

3245 Latta Road, No. 16595, Rochester, NY 14616 | mark.thomas@qifstandards.org, www.dmis.org

ANSI/DMIS 105.3-2015 Part 1, Dimensional Measuring Interface Standard (DMIS Rev. 5.3) (revision of ANSI/DMIS 105.2-2009, Part 1)
Send comments (copy psa@ansi.org) to: Mark Thomas <mark.thomas@qifstandards.org>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

ANSI/IEEE C37.30.2-2015, Guide for Wind-Loading Evaluation of High-Voltage (>1000 V) Air-Break Switches (new standard)
Send comments (copy psa@ansi.org) to: Karen Evangelista <k.evangelista@ieee.org>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

ANSI/IEEE C57.12.01-2015, Standard for General Requirements for Dry-Type Distribution and Power Transformers (new standard)
Send comments (copy psa@ansi.org) to: Karen Evangelista <k.evangelista@ieee.org>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### ISA (International Society of Automation)

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

ANSI/ISA 18.2-2016, Management of alarm systems for the process industries (revision of ANSI/ISA 18.2-2009)
Send comments (copy psa@ansi.org) to: Eliana Brazda <ebrazda@isa.org>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### ISA (International Society of Automation)

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

ANSI/ISA 77.41.01-2015, Fossil Fuel Power Plant Boiler Combustion Controls (revision of ANSI/ISA 77.41.01 -2010)
Send comments (copy psa@ansi.org) to: Eliana Brazda <ebrazda@isa.org>

# Notice of Withdrawal: ANS at least 10 years past approval date

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### LEO (Leonardo Academy Inc.)

8401 Excelsior Drive, Madison, WI 53717 | michaelarny@leonardoacademy.org, www.leonardoacademy.org

ANSI/LEO 4000-2015, LEO-4000 American National Standard for Sustainable Agriculture (new standard)
Send comments (copy psa@ansi.org) to: Michael Arny <michaelarny@leonardoacademy.org>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### NAAMM (National Association of Architectural Metal Manufacturers)

114 Whiting Street, Norfolk, VA 23505 | jeffc@cmservices.com, www.naamm.org

ANSI/NAAMM HMMA 867-2016, Guide Specification for Commercial Laminated Core Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 867-2006)
Send comments (copy psa@ansi.org) to: Jeff Church <jeffc@cmservices.com>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Jeff.Noren@NECAnet.org, www.neca-neis.org

ANSI/NECA 130-2016, Standard for Installing and Maintaining Wiring Devices (revision of ANSI/NECA 130-2010)
Send comments (copy psa@ansi.org) to: Jeff Noren <Jeff.Noren@NECAnet.org>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Jeff.Noren@NECAnet.org, www.neca-neis.org

ANSI/NECA 230-2016, Standard for Selecting, Installing, and Maintaining of Electric Motors and Motor Controllers (revision of ANSI/NECA 230-2010)
Send comments (copy psa@ansi.org) to: Jeff Noren <Jeff.Noren@NECAnet.org>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### NISO (National Information Standards Organization)

3600 Clipper Mill Road, Suite 302, Baltimore, MD 21211 | tcarpenter@niso.org, www.niso.org

ANSI/NISO Z39.2-1994 (R2016), Information Interchange Format (reaffirmation of ANSI/NISO Z39.2-1994 (R2009))
Send comments (copy psa@ansi.org) to: Todd Carpenter <tcarpenter@niso.org>

# Notice of Withdrawal: ANS at least 10 years past approval date

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### SMACNA (Sheet Metal and Air-Conditioning Contractors National Association)

4201 Lafayette Center Drive, Chantilly, VA 20151-1219 | ehoward@smacna.org, www.smacna.org

ANSI/SMACNA 007-2016, Residential Comfort System Installation Standards (new standard)
Send comments (copy psa@ansi.org) to: Eli Howard <ehoward@smacna.org>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### TIA (Telecommunications Industry Association)

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

ANSI/TIA 1183-1-2016, Measurement Methods and Test Fixtures for Balun-Less Measurements of Balanced Components and Systems, Extending Frequency Capabilities to 2 GHz. (addenda to ANSI/TIA-1183-2012)
Send comments (copy psa@ansi.org) to: Teesha Jenkins <tjenkins@tiaonline.org>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### TIA (Telecommunications Industry Association)

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

ANSI/TIA 5017-2016, Telecommunications - Physical Network Security Standard (new standard)
Send comments (copy psa@ansi.org) to: Teesha Jenkins <tjenkins@tiaonline.org>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### UAMA (ASC B74) (Unified Abrasives Manufacturers Association)

30200 Detroit Road, Cleveland, OH 44145-1967 | djh@wherryassoc.com, www.uama.org

ANSI B74.10-2015, Specification for Grading of Abrasive Grain (revision of ANSI B74.10-2010)
Send comments (copy psa@ansi.org) to: Donna Haders <djh@wherryassoc.com>

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### VITA (VMEbus International Trade Association (VITA))

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

ANSI/VITA 41.6-2009 (R2016), VXS 1X Gigabit Ethernet Control Channel Layer Standard (reaffirmation of ANSI/VITA 41.6-2009)
Send comments (copy psa@ansi.org) to: Jing Kwok <jing.kwok@vita.com>

# Notice of Withdrawal: ANS at least 10 years past approval date

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

### X12 (X12 Incorporated)

1405 S Fern Street, #92957, Arlington, VA 22202 | info@ascx12.org, www.x12.org

ANSI X12 Series, A collection of all ANSI-approved X12 standards. Individual X12 standards not available separately (revision, redesignation and consolidation of)
Send comments (copy psa@ansi.org) to: Cathy Sheppard <info@ascx12.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.

### ULSE (UL Standards and Engagement)

1603 Orrington Avenue, Evanston, IL 60201 | vanessa.johanneson@ulse.org, https://ulse.org/

ANSI/UL 551-2009 (R2022), Standard for Safety for Transformer-Type Arc-Welding Machines (reaffirmation of ANSI/UL 551-2009 (R2018))
Send comments (copy psa@ansi.org) to: Questions may be directed to: Vanessa Johanneson <Vanessa.Johanneson@ul.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.

## ALI (ASC A14) (American Ladder Institute)

330 N. Wabash Avenue, Suite 2000, Chicago, IL 60611 | jzgrabik@thomasamc.com, www.americanladderinstitute.org

ANSI A14.1-2026, Ladders - Wood - Safety Requirements (revision of ANSI A14.1-2018) Final Action Date: 10/6/2026 | *Revision*

## AMCA (Air Movement and Control Association)

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

ANSI/AMCA 500-D-2026, Laboratory Methods of Testing Dampers for Rating (revision of ANSI/AMCA 500-D-2018) Final Action Date: 10/7/2026 | *Revision*

## ANS (American Nuclear Society)

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

ANSI/ANS 8.22-2026, Nuclear Criticality Safety Based on Limiting and Controlling Moderators (revision of ANSI/ANS 8.22-1997 (R2021)) Final Action Date: 10/6/2026 | *Revision*

## APA (APA - The Engineered Wood Association)

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

ANSI/APA PRR 410-2026, Standard for Performance-Rated Engineered Wood Rim Boards (revision of ANSI/APA PRR 410-2021) Final Action Date: 10/6/2026 | *Revision*

## ASCE (American Society of Civil Engineers)

1801 Alexander Bell Drive, Reston, VA 20190 | tjohnston@asce.org, www.asce.org

ANSI/ASCE/EWRI 65-2017 (R2026), Calculation of the Saturated Hydraulic Conductivity of Fine-Grained Soils (reaffirmation of ANSI/ASCE/EWRI 65-2017) Final Action Date: 10/6/2026 | *Reaffirmation*

## ASME (American Society of Mechanical Engineers)

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

ANSI/ASME B30.32-2021 (R2026), Unmanned Aircraft Systems (UAS) Used in Inspection, Testing, Maintenance, and Load-Handling Operations (reaffirmation of ANSI/ASME B30.32-2021) Final Action Date: 10/6/2026 | *Reaffirmation*

ANSI/ASME A17.2-2026, Guide for Inspection of Elevators, Escalators, and Moving Walks (revision of ANSI/ASME A17.2 -2023) Final Action Date: 10/6/2026 | *Revision*

ANSI/ASME B18.8.2-2026, Taper Pins, Dowel Pins, Straight Pins, Grooved Pins, and Spring Pins (Inch Series) (revision of ANSI/ASME B18.8.2-2020a) Final Action Date: 10/7/2026 | *Revision*

ANSI/ASME B30.2-2026, Overhead and Gantry Cranes (Top Running Bridge, Top Running Hoist) (revision of ANSI/ASME B30.2-2022) Final Action Date: 10/6/2026 | *Revision*

## ASTM (ASTM International)

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

ANSI/ASTM E3522-2026, Guide forCapturing Iris Images for Use with Iris Recognition Systems (new standard) Final Action Date: 10/1/2026 | *New Standard*

## ASTM (ASTM International)

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

ANSI/ASTM E2144-2021 (R2026), Practice for Personal Sampling and Analysis of Endotoxin in Metalworking Fluid Aerosols in Workplace Atmospheres (reaffirmation of ANSI/ASTM E2144-2021) Final Action Date: 9/29/2026 | *Reaffirmation*

ANSI/ASTM E2148-2021 (R2026), Guide for Using Documents Related to Metalworking or Metal Removal Fluid Health and Safety (reaffirmation of ANSI/ASTM E2148-2021) Final Action Date: 9/29/2026 | *Reaffirmation*

ANSI/ASTM E2657-2021 (R2026), Practice for Determination of Endotoxin Concentrations in Water-Miscible Metalworking Fluids (reaffirmation of ANSI/ASTM E2657-2021) Final Action Date: 9/29/2026 | *Reaffirmation*

ANSI/ASTM F2283-2012 (R2026), Specification for Shipboard Oil Pollution Abatement System (reaffirmation of ANSI/ASTM F2283-2012 (R2018)) Final Action Date: 9/29/2026 | *Reaffirmation*

ANSI/ASTM E1732-2026a, Terminology Relating to Forensic Science (revision of ANSI/ASTM E1732-2026) Final Action Date: 10/1/2026 | *Revision*

ANSI/ASTM E1968-2026, Practice for Microcrystal Testing in Forensic Analysis for Cocaine (revision of ANSI/ASTM E1968-2019) Final Action Date: 10/1/2026 | *Revision*

ANSI/ASTM E1969-2026, Practice for Microcrystal Testing in Forensic Analysis for Methamphetamine and Amphetamine (revision of ANSI/ASTM E1969-2019) Final Action Date: 10/1/2026 | *Revision*

ANSI/ASTM E2125-2026, Practice for Microcrystal Testing in Forensic Analysis for Phencyclidine and Its Analogues (revision of ANSI/ASTM E2125-2019) Final Action Date: 10/1/2026 | *Revision*

ANSI/ASTM E2693-2026, Practice for Prevention of Dermatitis in the Wet Metal Removal Fluid Environment (revision of ANSI/ASTM E2693-2019) Final Action Date: 9/29/2026 | *Revision*

ANSI/ASTM E2694-2026, Test Method for Measurement of Adenosine Triphosphate in Water-Miscible Metalworking Fluids (revision of ANSI/ASTM E2694-2021) Final Action Date: 9/29/2026 | *Revision*

ANSI/ASTM E2916-2026, Terminology for Digital and Multimedia Evidence Examination (revision of ANSI/ASTM E2916 -2019) Final Action Date: 10/1/2026 | *Revision*

ANSI/ASTM E3189-2026, Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Static Headspace Concentration onto an Adsorbent Tube (revision of ANSI/ASTM E3189-2019 (R2025)) Final Action Date: 10/1/2026 | *Revision*

## CSA (CSA America Standards Inc.)

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

ANSI Z21.15-2021 (R2026), Manually operated gas valves for appliances, appliance connector valves and hose-end valves, same as CSA 9.1 (reaffirmation of ANSI Z21.15-2021) Final Action Date: 10/7/2026 | *Reaffirmation*

ANSI Z21.87 2007 (R2026), Automatic gas shutoff devices for hot water supply systems, same as CSA 4.6 (reaffirmation of ANSI Z21.87-2007 (R2021) and ANS Z21.87a-2010 (R2021)) Final Action Date: 10/7/2026 | *Reaffirmation*

ANSI Z21.24-2022 (R2026), Connectors for gas appliances, same as CSA 6.10 (reaffirmation of ANSI Z21.24-2022) Final Action Date: 10/6/2026 | *Reaffirmation*

ANSI Z21.101-2022 (R2026), Gas hose connectors for portable and moveable gas appliances, same as CSA 8.5 (reaffirmation of ANSI Z21.101-2022) Final Action Date: 10/6/2026 | *Reaffirmation*

ANSI Z21.23/CSA 6.6-2021 (R2026), Gas Appliance Thermostats, same as CSA 6.6 (reaffirmation of ANSI Z21.23-2021) Final Action Date: 10/6/2026 | *Reaffirmation*

## CSA (CSA America Standards Inc.)

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

ANSI/CSA Z21.71-1993 (R2026), Automatic Intermittent Pilot Ignition Systems for Field Installation, same as CSA Z21.71 (reaffirmation of ANSI Z21.71-1993 (R2021), and ANSI Z21.71a-2004 (R2021)) Final Action Date: 10/7/2026 | *Reaffirmation*

ANSI/Z21.79-1997/CGA 6.21-M97 (R2026), Gas appliance sediment traps, same as CGA 6.21 (reaffirmation of ANSI Z21.79-1997 (R2021)) Final Action Date: 10/7/2026 | *Reaffirmation*

## HPS (ASC N13) (Health Physics Society)

950 Herndon Parkway, Suite 450, Herndon, VA 20170 | awride-graney@burkinc.com, www.hps.org

ANSI HPS N 2.1-2011 (R2026), Radiation Symbol (reaffirmation of ANSI N2.1-2011 (R2016)) Final Action Date: 10/6/2026 | *Reaffirmation*

## IEEE (Institute of Electrical and Electronics Engineers)

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

ANSI/IEEE 690-2026, Standard for Design and Installation of Cable Systems for Class 1E Circuits in Nuclear facilities (new standard) Final Action Date: 10/6/2026 | *New Standard*

## ITSDF (Industrial Truck Standards Development Foundation, Inc.)

1750 K Street NW, Washington, DC 20006 | info@itsdf.org, www.indtrk.org

ANSI/ITSDF B56.16-2026, Safety Standard For Rotating Rough Terrain Forklift Trucks (new standard) Final Action Date: 10/7/2026 | *New Standard*

## PHTA (Pool and Hot Tub Alliance)

1650 King Street, Suite 602, Alexandria, VA 22314 | anowicki@phta.org, www.PHTA.org

ANSI/APSP/ICC 13-2017 (R2026), Standard for Water Conservation Efficiency in Residential and Public Pools, Spas, Portable Spas and Swim Spas (reaffirmation of ANSI/APSP/ICC 13-2017) Final Action Date: 10/6/2026 | *Reaffirmation*

## ULSE (UL Standards and Engagement)

1603 Orrington Ave, Suite 2000 , Evanston, IL 60201 | Dakota.Sabotka@UL.org, https://ulse.org/

ANSI/UL 401-2026, Standard for Safety for Portable Spray Hose Nozzles for Fire-Protection Service (revision of ANSI/UL 401-2023) Final Action Date: 10/7/2026 | *Revision*

ANSI/Ul 62841-1-2026, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 1: General Requirements (revision of ANSI/UL 62841-1-2022) Final Action Date: 10/9/2026 | *Revision*

ANSI/UL 62841-2-17-2026, Standard for Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-17: Particular requirements for hand-held routers (revision of ANSI/UL 62841-2-17 -2018 (R2023)) Final Action Date: 10/9/2026 | *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

### SCTE (Society of Cable Telecommunications Engineers)

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.

Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures.

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

## ANSI Accredited Standards Developer

### AAMI - Association for the Advancement of Medical Instrumentation

AAMI ST-WG08, Microbiological Methods Working Group, is seeking additional members from user, regulatory and general interest categories to participate in the reaffirmation of the following document:ANSI/AAMI/ISO 11737-2:2019, *Sterilization of health care products — Microbiological methods — Part 2: Tests of sterility performed in the definition, validation and maintenance of a sterilization process.* AAMI's stakeholder category definitions are outlined in Section 4.5.1.2 of the AAMI Standards Program Policies and Procedures, available here. You may submit your request to join this committee here. Please send direct inquiries to: Ladan Bulookbashi, lbulookbashi@aami.org. Deadline to join: **October 23, 2026**

## ANSI Accredited Standards Developer

### AAMI - Association for the Advancement of Medical Instrumentation

AAMI ST-WG08, Microbiological Methods Working Group, is seeking additional members from user, regulatory and general interest categories to participate in the reaffirmation of the following documents: ANSI/AAMI/ISO 11737 -1:2018, Sterilization of health care products — Microbiological methods — Part 1: Determination of a population of microorganisms on products and AAMI's stakeholder category definitions are outlined in Section 4.5.1.2 of the AAMI Standards Program Policies and Procedures, available here. You may submit your request to join this committee here. Please send direct inquiries to: Ladan Bulookbashi, lbulookbashi@aami.org. Deadline to join: **October 23, 2026**

## ANSI Accredited Standards Developer

### AGSC - Auto Glass Safety Council

ANSI/AGSC/NWRD/ROLAGS 002-2022, Auto Glass Safety Council/National Windshield Repair Division/Repair of Laminated Automotive Glass Standard
Interest Categories: Request additional participation from Windshield Repair Franchisors, Persons with General Interest, Auto Glass Manufacturers, Insurance Company/Claims Administrators and Product Users.

For inquiries, please contact: Kathy Bimber, Auto Glass Safety Council (AGSC), PO Box 569, Garrisonville, VA 22463, (540) 720-7484, kbimber@agsc.org

## ANSI Accredited Standards Developer

### INCITS Executive Board – ANSI Accredited SDO and U.S. TAG to ISO/IEC JTC 1, InformationTechnology

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 U.S. 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 learn more about participating on the INCITS Executive Board, contact Jennifer Garner at jgarner@itic.org or visit http://www.incits.org/participation/executive-board 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 categories:

- Producer – Hardware or Semiconductor
- Producer – Software or Services
- Producer - Telecom or Electronics
- Distributor
- Service Provider
- User/Consumer
- Consultants
- Government
- Standards Development Organizations and Consortia
- Academic Institution
- General Interest

### ABYC (American Boat and Yacht Council)

613 Third Street, Suite 10, Annapolis, MD 21403 | eparks@abycinc.org, www.abycinc.org

BSR/ABYC H-8-202x, BUOYANCY IN THE EVENT OF FLOODING/SWAMPING (revision of ANSI/ABYC H-8-2022)
Interest Categories: Soliciting for membership categories: Manufacturer - Engines; Manufacturer - Accessory; Insurance/Survey; Specialist Service; Specialist Misc; Government; Consumer; General Interest

### ABYC (American Boat and Yacht Council)

613 Third Street, Suite 10, Annapolis, MD 21403 | eparks@abycinc.org, www.abycinc.org

BSR/ABYC H-37-202x, JET BOATS - LIGHT WEIGHT (revision of ANSI/ABYC H-37-2022)
Interest Categories: Soliciting for membership categories: Manufacturer - Engines; Manufacturer - Accessory; Insurance/Survey; Specialist Service; Specialist Misc; Government; Consumer; General Interest

### ABYC (American Boat and Yacht Council)

613 Third Street, Suite 10, Annapolis, MD 21403 | eparks@abycinc.org, www.abycinc.org

BSR/ABYC P-21-202x, MANUAL AND ASSISTED HYDRAULIC STEERING SYSTEMS (revision of ANSI/ABYC P-21-2022)
Interest Categories: Soliciting for membership categories: Insurance/Survey

### ABYC (American Boat and Yacht Council)

613 Third Street, Suite 10, Annapolis, MD 21403 | eparks@abycinc.org, www.abycinc.org

BSR/ABYC S-32-202x, WARNINGS AND SAFETY SIGNS FOR BOATS (revision of ANSI/ABYC S-32-2022)
Interest Categories: Soliciting for membership categories: Specialist Service

### 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 9190:1990, Lawn and garden ride-on (riding) tractors -Drawbar (withdrawal of ANSI/ASAE/ISO 9190:1990 OCT2001 (R2022))

### ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASAE S318.19-OCT2022 (R202x), Safety for Agricultural Field Equipment (reaffirmation of ANSI/ASAE S318.19-OCT2022)

### ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASAE S351-FEB1972 (R202x), Hand Signals for Use in Agriculture (reaffirmation of ANSI/ASAE S351-1982 (R2022))

### ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASAE S354.8-MAY2022 (R202x), Safety for Farmstead Equipment (reaffirmation of ANSI/ASAE S354.8-MAY2022)

### ASCE (American Society of Civil Engineers)

1801 Alexander Bell Drive, Reston, VA 20190 | tjohnston@asce.org, www.asce.org

BSR/ASCE/EWRI 60-202x, Guideline for Development of Effective Water Sharing Agreements (new standard)
Interest Categories: Interested applicants can complete an online application here: https://www.asce.org/publications-and-news/codes-and-standards/committee-application-form

### CTA (Consumer Technology Association)

1919 Sout Eads Street, Arlington, VA 22202 | klee@cta.tech, www.cta.tech

BSR/CTA 6061-202x, Multimedia Systems and Equipment for Vehicles - Surround View System - Part 2: Recording Methods of the Surround View System IEC 63033-2:2022 (identical national adoption of IEC 63033-2:2022)

### CTA (Consumer Technology Association)

1919 Sout Eads Street, Arlington, VA 22202 | klee@cta.tech, www.cta.tech

BSR/CTA 6062-202x, Multimedia Systems and Equipment for Vehicles - Surround View System - Part 3: Measurement Methods IEC 63033-3:2022 (identical national adoption of IEC 63033-3:2022)

### CTA (Consumer Technology Association)

1919 Sout Eads Street, Arlington, VA 22202 | klee@cta.tech, www.cta.tech

BSR/CTA 6063-202x, Measurement Methods of Blue Light Characteristics and Related Optical Performance for Visual Display Terminals IEC 63207:2022 (identical national adoption of IEC 63207:2022)

### CTA (Consumer Technology Association)

1919 Sout Eads Street, Arlington, VA 22202 | klee@cta.tech, www.cta.tech

BSR/CTA 6064-202x, Spatial Wireless Power Transfer Based on Multiple Magnetic Resonances - Part 1: Requirements IEC 63245-1:2021 (identical national adoption of IEC 63245-1:2021)

### CTA (Consumer Technology Association)

1919 Sout Eads Street, Arlington, VA 22202 | klee@cta.tech, www.cta.tech

BSR/CTA 6065-202x, Spatial Wireless Power Transfer Based on Multiple Magnetic Resonances - Part 2: Reference Model IEC 63245-2:2022 (identical national adoption of IEC 63245-2:2022)

### CTA (Consumer Technology Association)

1919 Sout Eads Street, Arlington, VA 22202 | klee@cta.tech, www.cta.tech

BSR/CTA 6066-202x, Digital Audio Interface - Part 5: Consumer Application Enhancement IEC 60958-5:2021 (identical national adoption of IEC 60958-5:2021)

### CTA (Consumer Technology Association)

1919 Sout Eads Street, Arlington, VA 22202 | klee@cta.tech, www.cta.tech

BSR/CTA 6067-202x, Interoperability Specifications and Communication Method for External Power Supplies Used with Computing and Consumer Electronics Devices IEC 63002:2025 (identical national adoption of IEC 63002:2025)

### CTA (Consumer Technology Association)

1919 Sout Eads Street, Arlington, VA 22202 | klee@cta.tech, www.cta.tech

BSR/CTA 6068-202x, Audio Archive System - Part 1-2: BD Disk and Data Migration for Long-Term Audio Data Storage IEC 62702-1-2:2022 (identical national adoption of IEC 62702-1-2:2022)

### CTA (Consumer Technology Association)

1919 Sout Eads Street, Arlington, VA 22202 | klee@cta.tech, www.cta.tech

BSR/CTA 6069-202x, Audio and audiovisual equipment - Digital audio parts - Basic measurement methods of audio characteristics - Part 1: General IEC 61606-1:2009 (identical national adoption of IEC 61606-1:2009)

### CTA (Consumer Technology Association)

1919 Sout Eads Street, Arlington, VA 22202 | klee@cta.tech, www.cta.tech

BSR/CTA 6070-202x, Audio/video, information and communication technology equipment - Environmentally conscious design IEC 62075:2012 (identical national adoption of IEC 62075:2012)

### CTA (Consumer Technology Association)

1919 Sout Eads Street, Arlington, VA 22202 | klee@cta.tech, www.cta.tech

BSR/CTA 2120 Errata-202x, Design Requirements for a Label for IoT Device Cybersecurity (new standard)

### ECIA (Electronic Components Industry Association)

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

BSR/EIA 944-2013 (R202x), Surface Mount Chip Bead Qualification Specification (reaffirmation of ANSI/EIA 944 -2013 (R2020))

### ECIA (Electronic Components Industry Association)

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

BSR/EIA 977-2017 (R202x), Test Method Electronic Passive Components Exposure to Atmospheric Sulfur (reaffirmation of ANSI/EIA 977-2017)

### ECIA (Electronic Components Industry Association)

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

BSR/EIA 60384-9-202x, Fixed capacitors for use in electronic equipment - Part 9: Sectional specification: Fixed capacitors of ceramic dielectric, Class 2 (national adoption of IEC 60384-9 ED5 with modifications and revision of ANSI/EIA 60384-9-2017)

### ECIA (Electronic Components Industry Association)

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

BSR/EIA 60384-3-2017 (R202x), Fixed capacitors for use in electronic equipment - Part 3: Sectional specification - Surface mount fixed tantalum electrolytic capacitors with solid (MnO2) electrolyte (reaffirmation of ANSI/EIA 60384 -3-2017)

### IES (Illuminating Engineering Society)

85 Broad Street, 17th Floor, New York, NY 10004 | pmcgillicuddy@ies.org, www.ies.org

BSR/IES TM or LP-202x, Technical Memorandum or Lighting Practice: User Defined Evaluation Methods for Outdoor Lighting (new standard)

### NPPC (National Pork Producers Council)

2950 Niles Road, St. Joseph, MI 49085 | ingeson@asabe.org, www.nppc.org

BSR/NPPC BSR/GELPP 0001-202x, Animal Feeding Operations -General Site Conditions (revision of ANSI/GELPP 0001-2002 (R2021))

### NSF (NSF International)

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

BSR/NSF 46-202x (i46r2), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2022)

### RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)

2001 K Street NW | 3rd Floor North , Washington D.C., DC 20006 | mlewis@resna.org, www.resna.org

BSR/RESNA WC-3-202x, Wheelchairs Volume 3 (identical national adoption of ISO 16840-2, 16840-3, 16840-6, 16840-9,16840-10, 16840-11, 16840-12, 16840-13, 16840-14, 16840-15 and 16840-16 and revision of ANSI/RESNA Wc-3-2018)

### TIA (Telecommunications Industry Association)

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

BSR/TIA 455-226-A-202x, FOTP-226 Adoption of IEC 61746-1:2009 Calibration of Optical Time-Domain Reflectometers (OTDR) - Part 1: OTDR for Single Mode Fibres (identical national adoption of IEC 61746-1:2009)

### TIA (Telecommunications Industry Association)

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

BSR/TIA 568.1-F-202x, Commercial Buildings (revision, redesignation and consolidation of ANSI/TIA 568.0-E, ANSI/TIA 568.0-E-1, ANSI/TIA 568.1-E, ANSI/TIA 568.1-E-1 and ANSI/TIA 862-C)

### ULSE (UL Standards and Engagement)

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

BSR/UL 541-202x, Standard for Safety for Refrigerated Vending Machines (revision of ANSI/UL 541-2020 (R2026))

# 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

# Meeting Notices (Standards Developers)

## ANSI Accredited Standards Developer

### AGSC - Auto Glass Safety Council

**Meeting Time: Thursday, November 19, 2026, 1:00 p.m. – 3:00 p.m.via Microsoft Teams**

*Committee Meeting:*

AGSC/NWRD ROLAGS 2 (Repair of Laminated Automotive Glass Standard 2) Standards Committee
Thursday, November 19, 2026, 1:00 p.m. – 3:00 p.m.
via Microsoft Teams

For inquiries, please contact: Kathy Bimber, Auto Glass Safety Council (AGSC), PO Box 569, Garrisonville, VA 22463, (540) 720-7484, kbimber@agsc.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)

IAPMO (International Association of Plumbing & Mechanical Officials)

ICC (International Code Council)

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)

NFRC (National Fenestration Rating Council)

NISO (National Information Standards Organization)

NSF (NSF International)

PHTA (Pool and Hot Tub Alliance)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

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

# ANSI-Accredited Standards Developers (ASD) Contacts

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

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**ASME**
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New York, NY 10016
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**IES**
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www.ies.org

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**ITSDF**
Industrial Truck Standards Development Foundation, Inc.
1750 K Street NW
Washington, DC 20006
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**MSS**
Manufacturers Standardization Society
441 N. Lee Street
Alexandria, VA 22314
www.mss-hq.org

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

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**NENA**
National Emergency Number Association
1700 Diagonal Road Suite 500, Suite 500
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**NPPC**
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**NSF**
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**PHTA**
Pool and Hot Tub Alliance
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**RESNA**
Rehabilitation Engineering and Assistive Technology Society of North America
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**TIA**
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**ULSE**
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# ISO & IEC Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) are considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to ISO and IEC members for comment and vote.

**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.

**ACCESSING ISO AND IEC DRAFTS**

ISO Drafts are available for purchase via the ANSI Web Store at https://webstore.ansi.org. IEC Drafts can be made available by contacting ANSI's Customer Service department. Please email your request for an IEC Draft to sales@ansi.org. When making your request, please provide the date of the Standards Action issue in which the IEC Draft document you are requesting appears.

## ISO Standards

### Analysis of gases (TC 158)

ISO 6143:2025/DAmd 1, - Amendment 1: Gas analysis - Comparison methods for determining and checking the composition of calibration gas mixtures - Amendment 1: Software B_LEAST - Performance check for non-linear model functions, alternative computer programs - 12/25/2026, $40.00

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

ISO/DIS 21474-4, In vitro diagnostic medical devices - Multiplex molecular testing for nucleic acids - Part 4: Detection of pathogens - 12/26/2026, $88.00

### Dentistry (TC 106)

ISO/DIS 9917-2, Dentistry - Water-based cements - Part 2: Resin-modified cements - 12/28/2026, $82.00

### Fine Bubble Technology (TC 281)

ISO/DIS 4240-5, Fine bubble technology - Environmental applications - Part 5: Test method for the removal of heavy metals from soil by washing using fine bubbles - 12/27/2026, $88.00

### Fine ceramics (TC 206)

ISO/DIS 20501, Fine ceramics (advanced ceramics, advanced technical ceramics) - Weibull statistics for strength data - 12/27/2026, $112.00

ISO/DIS 25311, Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for small punch creep of porous ceramics-metal composites - 12/28/2026, $53.00

### Iron ores (TC 102)

ISO/DIS 2596, Iron ores - Determination of hygroscopic moisture in analytical samples - Gravimetric, Karl Fischer and mass-loss methods - 12/31/2026, $98.00

### Lifts, escalators, passenger conveyors (TC 178)

ISO/DIS 14798-1, Lifts (elevators), escalators and moving walks - Risk assessment and reduction methodology - Part 1: General - 12/31/2026, $112.00

### Mechanical testing of metals (TC 164)

ISO/DIS 15653, Metallic materials - Method of test for the determination of quasistatic fracture toughness of welds - 12/26/2026, $112.00

ISO/DIS 26843, Metallic materials - Measurement of fracture toughness at impact loading rates using precracked Charpy-type test pieces - 12/25/2026, $102.00

### Metallic and other inorganic coatings (TC 107)

ISO/DIS 25491, Laser surface treatment and related coatings - Terminology, Classification - 12/31/2026, $82.00

### Other

ISO/DIS 15702, Leather - Tests for colour fastness - Colour fastness to machine washing - 12/27/2026, $33.00

ISO/DIS 17502, Leather - Tests for colour fastness - Determination of surface reflectance - 12/25/2026, $40.00

### Personal safety - Protective clothing and equipment (TC 94)

ISO 13287:2019/DAmd 1, - Amendment 1: Personal protective equipment - Footwear - Test method for slip resistance - Amendment 1 - 12/26/2026, $46.00

### Plastics (TC 61)

ISO/DIS 25302, Plastics - Evaluation of the dispersibility and solubility of plastics under marine conditions - 12/27/2026, $40.00

ISO/DIS 25303, Plastics - Determination of the degree of biodegradation and disintegration of plastics under wet anaerobic digestion conditions - 12/27/2026, $58.00

ISO/DIS 25304, Plastics - Determination of the degree of biodegradation and disintegration of plastics under high-solids anaerobic-digestion conditions - 12/27/2026, $58.00

**Railway applications (TC 269)**

ISO/DIS 26053-1, Railway applications - Drivers cab - Part 1: Anthropometric parameters and assessment of visibility for main line vehicles - 12/27/2026, $71.00

**Road vehicles (TC 22)**

ISO/DIS 28741, Road vehicles - Spark-plugs and their cylinder head housings - Basic characteristics and dimensions - 12/31/2026, $82.00

**Rolling bearings (TC 4)**

ISO/DIS 5753-1, Rolling bearings - Internal clearance - Part 1: Radial internal clearance for radial bearings - 12/26/2026, $71.00

**Security (TC 292)**

ISO/DIS 28018, Security and resilience - Security management systems - Guidelines for the application and implementation of ISO 28000 in the supply chain - 12/25/2026, $98.00

**Ships and marine technology (TC 8)**

ISO/DIS 25416, Ships and marine technology - Jacking system appliance on self-elevating unit - Safety protection - 12/27/2026, $40.00

**Solid Recovered Fuels (TC 300)**

ISO 18708:2025/DAmd 1, - Amendment 1: Solid recovered fuels - Determination of bulk density - Amendment 1 - 12/25/2026, $29.00

## ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 27003, Information security, cybersecurity and privacy protection - Information security management systems - Guidance for the application of ISO/IEC 27001:2022 - 12/26/2026, $119.00

ISO/IEC DIS 27055, Information technology - CycloneDX Bill of Materials (BOM) specification - 12/17/2026, $281.00

ISO/IEC DIS 27056, Information technology - Package-URL (PURL) specification - 12/17/2026, $102.00

ISO/IEC DIS 27174, Information technology - USD core specification v1.1.1 - 12/31/2026, $215.00

ISO/IEC DIS 19566-5, Information technology - JPEG Systems - Part 5: JPEG universal metadata box format (JUMBF) - 12/26/2026, $82.00

# 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 10519:2026, Rapeseed - Determination of chlorophyll content - Spectrometric method, $96.00

**Earth-moving machinery (TC 127)**

ISO 19014-1:2026, Earth-moving machinery - Functional safety - Part 1: Methodology to determine safety-related parts of the control system and performance requirements, $143.00

ISO 19014-2:2026, Earth-moving machinery - Functional safety - Part 2: Design and evaluation of hardware and architecture requirements for safety-related parts of the control system, $258.00

ISO 19014-3:2026, Earth-moving machinery - Functional safety - Part 3: Environmental performance and test requirements of electronic and electrical components used in safety-related parts of the control system, $96.00

ISO 19014-4:2026, Earth-moving machinery - Functional safety - Part 4: Design and evaluation of software and data transmission for safety-related parts of the control system, $258.00

ISO 19014-5:2026, Earth-moving machinery - Functional safety - Part 5: Tables of performance levels, $324.00

**Ergonomics (TC 159)**

ISO 14505-3:2026, Ergonomics of the thermal environment - Evaluation of the thermal environment in vehicles - Part 3: Evaluation of thermal comfort using human participants, $143.00

**Fluid power systems (TC 131)**

ISO 7986:2026, Hydraulic fluid power - Sealing devices - Standard test methods to assess the performance of rod seals used in oil hydraulic reciprocating applications, $193.00

**Implants for surgery (TC 150)**

ISO 5833:2026, Implants for surgery - Acrylic resin cements, $193.00

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

ISO 11300-2:2026, Piping systems for rehabilitation of underground drains, sewers and water supply networks - Part 2: Thermoset composite materials, $291.00

**Road vehicles (TC 22)**

ISO/PAS 34506:2026, Road vehicles - Test scenarios for automated driving systems - Qualification of virtual test environments, $143.00

**Textiles (TC 38)**

ISO 24304:2026, Textiles - Determination of the aerobic biodegradation of textile materials in seawater, $193.00

**Traditional Chinese medicine (TC 249)**

ISO 25657:2026, Traditional Chinese medicine - Curculigo orchioides rhizome, $143.00

### ISO Technical Reports

**Health Informatics (TC 215)**

ISO/TR 6203:2026, Health informatics - Personalized digital health - Common factors for frailty assessment, $96.00

**Petroleum products and lubricants (TC 28)**

ISO/TR 5756:2026, Petroleum and related products - Volumetric practice for estimating hydrocarbon and ethanol content in fuel ethanol and gasoline blends, $63.00

### ISO Technical Specifications

**Fasteners (TC 2)**

ISO/TS 25393:2026, Fasteners - Coating system assessment - Complementary and additional aspects to CQI-11, $143.00

**Health Informatics (TC 215)**

ISO/TS 6268-3:2026, Health informatics - Cybersecurity framework for telehealth environments - Part 3: Cybersecurity controls of telehealth, $193.00

### ISO/IEC JTC 1, Information Technology

ISO/IEC 38501-1:2026, Information technology - Governance of IT implementation guidance - Part 1: General approach, $143.00

ISO/IEC/IEEE 24748-8:2026, Systems and software engineering - Life cycle management - Part 8: Technical reviews and audits on defence programs, $291.00

ISO/IEC TS 20000-18:2026, Information technology - Service management - Part 18: Guidance on the use of experience management in a service management system, $227.00

# International Electrotechnical Commission (IEC)

## Call for Members (USNC)

**USNC TAG Administrator and Members Needed – IEC SC 65F *Smart manufacturing and enterprise applications***

The USNC is now looking for a TAG administrator and members to join the newly established IEC SC 65F. **If individuals are interested in joining as members or serving as USNC TAG Administrator for the USNC TAG to IEC SC 65F, they are invited to contact Betty Barro at bbarro@ansi.org by October 29th, 2026.**

Please see the scope for IEC SC 65F below:
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Scope: **SC 65F *Smart manufacturing and enterprise applications***

*To prepare international standards for enterprise applications, smart manufacturing, system documentation and human interface.*

# International Organization for Standardization (ISO)

## Establishment of ISO Subcommittees

### ISO/IEC JTC 4 – Smart and sustainable cities and communities

#### ISO/IEC JTC 4/SC 1 – Smart Community Infrastructures

ISO/IEC JTC 4 – Smart and sustainable cities and communities has created a new ISO Subcommittee on Smart Community Infrastructures (ISO/IEC JTC 4/SC 1)

The ISO/IEC JTC 4/SC 1 Secretariat has been assigned to Japan (JISC).

**ISO/IEC JTC 4/SC 1 operates under the following scope:**

Standardization in the field of smart community infrastructure, including basic concepts to define and describe smartness of community infrastructure as an integrative large-scale product, harmonized metrics for benchmarking, usage of the metrics for application to the diverse types of communities, and specifications for measurement/reporting/verification. JTC 4/SC1 focuses on technical aspects of smart community infrastructure which are basic structures that support the operation and activities of urban communities, e.g. energy, water, resource management systems, ICT infrastructure. The concept of smartness is addressed in terms of performance relevant to technologically implementable solutions, based on multiple aspects including sustainability.

NEMA has indicated its intent to administer the U.S. TAG. Organizations interested in participating on the U. S. TAG should contact ANSI's ISO Team (isot@ansi.org).

# International Organization for Standardization (ISO)

## Establishment of ISO Subcommittees

### ISO/IEC JTC 4 – Smart and sustainable cities and communities

#### ISO/IEC JTC 4/SC 2 - Sustainable Mobility and Transportation

ISO/IEC JTC 4 – Smart and sustainable cities and communities has created a new ISO Subcommittee on Sustainable Mobility and Transportation (ISO/IEC JTC 4/SC 2).

The ISO/IEC JTC 4/SC 2 Secretariat has been assigned to Japan (JISC).

**ISO/IEC JTC 4/SC 2 operates under the following scope:**

Standardization in the field of Sustainable mobility and transportation will promote and support a multi-sectorial integrated approach of sustainable cities and communities with a long-term vision based on the purposes of sustainability defined in ISO 37101. The Subcommittee will consider organizational issues, infrastructures and services in the mobility and transportation options for cities and communities, including those related to new technologies (i.e. electric, hydrogen, autonomous). The proposed series of International Standards will provide requirements, frameworks, guidance and supporting techniques and tools for cities and territories, as well as all mobility and transportation stakeholders to plan, develop, operate, maintain and manage sustainable mobility and transportation systems and services with a long-term vision.
Excluded: Road Vehicles covered by ISO/TC 22, Intelligent transport systems covered by ISO/TC 204, Railway applications covered by ISO/TC 269, and Electrical equipment and systems for railways covered by IEC/TC 9.
Note: To ensure the development of a consistent set of standards on Sustainable mobility, JTC 4/SC2 will liaise with relevant ISO and IEC committees.

NEMA has indicated its intent to administer the U.S. TAG. Organizations interested in participating on the U. S. TAG should contact ANSI's ISO Team (isot@ansi.org).

# International Organization for Standardization (ISO)

## Establishment of ISO Subcommittees

### ISO/IEC JTC 4 – Smart and sustainable cities and communities

#### ISO/IEC JTC 4/SC 3 – Digitalization Aspects

ISO/IEC JTC 4 – Smart and sustainable cities and communities has created a new ISO Subcommittee on Digitalization Aspects (ISO/IEC JTC 4/SC 3)

The ISO/IEC JTC 4/SC 3 Secretariat has been assigned to China (SAC).

**ISO/IEC JTC 4/SC 3 operates under the following scope:**

Standardization in the field of ICT and digitalization aspects for smart and sustainable cities and communities, including the development of the requirements, framework, guidance, techniques and tools, smart processes, and considerations associated with data and ontology to support the services of smart and sustainable cities and communities.
Excluded: Horizontal information technologies covered by ISO/IEC JTC 1.
Note 1: The deliverables include standards related to ICT framework, ICT measurement, smart processes, city digital platforms, data model, data processing, data management, data use, knowledge management and knowledge trustworthiness, ICT infrastructure, and the integration of enabling technologies (IoT, Cloud Computing, Big Data, AI, digital representation, etc.) in the context of smart and sustainable cities and communities.
Note 2: It develops standards on the ICT applications and services collaborating with ISO/IEC JTC 1 and other horizontal and vertical domain TCs and SCs in ISO, IEC, and elsewhere, and within JTC 4, respecting the expertise and leadership of the collaborated TCs and SCs.
Note 3: It includes the machine-readable standards supporting the construction and operation of smart and sustainable cities and communities associated with ISO/IEC SMART Program.

NEMA has indicated its intent to administer the U.S. TAG. Organizations interested in participating on the U. S. TAG should contact ANSI's ISO Team (isot@ansi.org).

# International Organization for Standardization (ISO)

## Establishment of ISO Subcommittees

### ISO/IEC JTC 4 – Smart and sustainable cities and communities

#### ISO/IEC JTC 4/SC 4 - Systems Aspects of Smart and Sustainable Cities and Communities

ISO/IEC JTC 4 – Smart and sustainable cities and communities has created a new ISO Subcommittee on Systems Aspects of Smart and Sustainable Cities and Communities (ISO/IEC JTC 4/SC 4).

The ISO/IEC JTC 4/SC 4 Secretariat has been assigned to China (SAC).

**ISO/IEC JTC 4/SC 4 operates under the following scope:**

Standardization of system aspects of smart and sustainable cities and communities encompassing the following work:
· Developing detailed descriptions of city systems and domains, their stakeholders and the needs of the different stakeholders for standards.
· Facilitating the interaction, synergy, and integration of city and community components and domains.
· Establishing general methods and requirements for system architecture design, concept systems and consistent terminology development, model development, process optimization, and cross-sectoral collaboration.
- Formulating technical specifications, technical reports, and international standards, with the aim of:
- Supporting effective collaboration within JTC4, and more widely in ISO and IEC, to address standardization needs in a synergistic way.
- Guiding cities on how to implement holistic smart and sustainable city strategies and to assemble packages of standards to enhance the overall synergy, resilience, and sustainability of urban development.

It will also act as a focal point within JTC4 for the role of electrotechnology in supporting the integration, interoperability and effectiveness of city systems. In addition, the Subcommittee:
- will act as the Centre of Expertise within JTC4 on the systems approach.
- will actively collaborate with other groups within JTC4 on standards work related to the systems approach.
- will collaborate with committees outside of JTC4 to draw on their specialist expertise and to help inform their work on standards relating to smart and sustainable cities and communities.

NEMA has indicated its intent to administer the U.S. TAG. Organizations interested in participating on the U. S. TAG should contact ANSI's ISO Team (isot@ansi.org).

# International Organization for Standardization (ISO)

## Establishment of ISO Subcommittees

### ISO/IEC JTC 4 – Smart and sustainable cities and communities

#### ISO/IEC JTC 4/SC 5 - Community Aspects

ISO/IEC JTC 4 – Smart and sustainable cities and communities has created a new ISO Subcommittee on Community Aspects (ISO/IEC JTC 4/SC 5).

The ISO/IEC JTC 4/SC 5 Secretariat has been assigned to China (SAC).

**ISO/IEC JTC 4/SC 5 operates under the following scope:**

Standardization in the field of the social, cultural, economic aspects of smart and sustainable cities and communities, with the primary objectives to preserve local culture, strengthen community identity and belonging, enhance inclusive well-being and foster responsive industrial growth and sectoral development proactively responding to climate change. By addressing the needs of different age groups, it ensures that technological and sustainable initiatives align with the diverse requirements and aspirations of urban populations.
The subcommittee develops standards and practical guidance for planners, designers, socio-economic experts and practitioners, by engaging collaboration between different types of stakeholders. Excluded: Horizontal aspects for smart and sustainable cities and communities. Technical aspects covering smart community infrastructure, sustainable mobility and transportation, ICT and digitalization, and system integration topics, where the emphasis is on performance metrics, engineering specifications, data models, testing methods, or integration architectures for city and community operations.
Note 1: People-centered approaches, such as ethics, cultural values, and community outcomes, will be prioritized as the foundation for SC 5, rather than being treated as peripheral or later additions. They guide economic and social activities across all relevant sectors and shape their practical implications in diverse community contexts.

NEMA has indicated its intent to administer the U.S. TAG. Organizations interested in participating on the U. S. TAG should contact ANSI's ISO Team (isot@ansi.org).

# Registration of Organization Names in the United States

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

## Public Review

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

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

Atna-Cipher
Public Review: September 4, 2026 to December 4, 2026

# 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.

**BSR/ASHRAE Addendum p**
**to ANSI/ASHRAE Standard 34-2024**

# First Public Review Draft

# Proposed Addendum p to Standard 34-2024, Designation and Safety Classifications of Refrigerants

**First Public Review (October 2026)**
**(Draft shows Proposed Changes to Current Standard)**

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

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

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

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**ASHRAE, 180 Technology Parkway NW, Peachtree Corners, GA 30092**

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

## FOREWORD

This addendum provides additional guidance to make the determination of the Lower Flammability Limit (LFL) more explicit and updates the composition tolerances applicable to R-494B.

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

## Addendum p to Standard 34-2024

***Revise B1.8. The remainder of Appendix B remains unchanged.***

**B1.8 Criterion for Determining Flame Propagation.** A refrigerant-air concentration shall be considered flammable for flammability classification under this standard only if a flame propagation occurs in at least two of three flammability tests on that refrigerant-air concentration. The LFL will be set at the concentration tested where no flame propagation occurs in at least two of three flammability tests on that refrigerant-air concentration. A flame propagation is any combustion that, having moved upward and outward from the point of ignition to the walls of the flask, is continuous along an arc that is greater than that subtended by an angle equal to 90 degrees, as measured from the point
of ignition to the walls of the flask (see Figure B-1).

***Modify Tables 4-2 as shown.***

**Table 4-2 Data and Safety Classifications for Refrigerant Blends**
Refrigerant Number = 494B
Composition (Mass %) = R–744/152a/13I1 (4.0/38.0/58.0)
Composition tolerances = (+~~1.5~~0.5,–~~0.5~~1.5/±1.0/~~±1.0~~+1.5,-1.0)
OEL = 810 ppm v/v Safety Group = A2L
RCL = 5,900 ppm /1.6 lb/1000 $ft^3$ /25 $g/m^3$
LFL = 85,000 ppm /22 lb/1000 $ft^3$ /347 $g/m^3$ BV = 8.9 cm/sec
Highly Toxic or Toxic Under Code Classification = Neither

**BSR/ASHRAE Addendum i**
**to ANSI/ASHRAE Standard 147-2019**

**Public Review Draft**

# Proposed Addendum i to Standard 147-2019, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems

**First Public Review (October 2026)**
**(Draft shows Proposed Changes to Current Standard)**

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

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

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**ASHRAE, 1791 Tullie Circle, NE, Atlanta GA 30329-2305**

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

# FOREWORD

This addendum makes updates to Normative References in Section 11.

***[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]***

## Addendum i to Standard 147-2019

***Revise Section 11 as shown below.***

References required for compliance with this standard are listed below. Informative references are listed in Informative Appendix C.

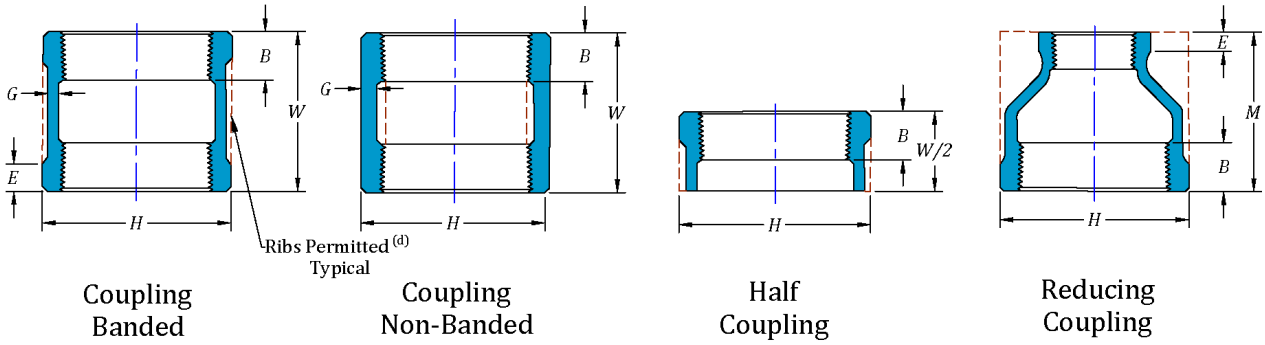
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18. ASHRAE. 2018. ANSI/ASHRAE/ACCA Standard 180, *Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems*. Peachtree Corners, GA: ASHRAE.
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24. AHRI. ~~2015~~2024. AHRI Guideline K, *Containers for Recovered Non-Flammable Fluorocarbon Refrigerants*. Arlington, VA: Air-Conditioning, Heating, and Refrigeration Institute.

# Annex A
## Tables A1 through A28 – SI (Metric) Units

(*continued*)

This Annex is an integral part of this Standard Practice and is placed after the main text for convenience.




Coupling Banded | Coupling Non-Banded | Half Coupling | Reducing Coupling

## Table A5
## Dimensions of Class 150 Cast Threaded Couplings (Straight and Reducing Sizes) (e)

Dimensions are in millimeters

| DN | ***B*** **Length of Thread** (b) (Min.) | ***E*** **Width of Band** (Min.) | ***G*** **Metal Thickness** (a) | ***H*** **Outside Diameter of Band** (c) (Min.) | ***W*** **Length of Couplings** | ***M*** **Length of Bell Reducer Couplings** |
|---|---|---|---|---|---|---|
| 6 | 6.4 | 5.1 | 2.3 | 19.1 | 25.4 | — |
| 8 | 8.1 | 5.1 | 2.3 | 21.3 | 25.4 | 25.4 |
| 10 | 9.1 | 5.3 | 2.5 | 25.7 | 28.4 | 28.4 |
| 15 | 10.9 | 6.4 | 2.5 | 30.5 | 35.1 | 35.1 |
| 20 | 12.7 | 6.9 | 3.0 | 37.1 | 38.1 | 38.1 |
| 25 | 14.7 | 7.6 | 3.3 | 45.0 | 41.1 | 41.1 |
| 32 | 17.0 | 8.6 | 3.6 | 54.6 | 50.8 | 50.8 |
| 40 | 17.8 | 9.4 | 3.8 | 61.7 | 53.8 | 53.8 |
| 50 | 19.1 | 10.7 | 4.3 | 75.2 | 63.5 | 63.5 |
| 65 | 23.4 | 12.2 | 5.3 | 84.1 | 72.9 | 82.6 |
| 80 | 24.9 | 14.0 | 5.8 | 101.6 | 80.8 | 93.5 |
| 100 | 27.4 | 16.8 | 6.6 | 128.5 | 93.5 | 111.3 |

**General Note:** Reducing couplings may be either bell or straight. The outside diameter (*H*) of straight reducing couplings shall correspond to the largest size end connection of the reducing fitting. The length of straight reducing couplings shall correspond to the length of coupling (*W*) of the largest connection of the reducing fitting.

**Notes:**

(a) Patterns shall be designed to produce castings of metal thickness given in the Table. Metal thickness at no point shall be less than 90% of values given in the Table.

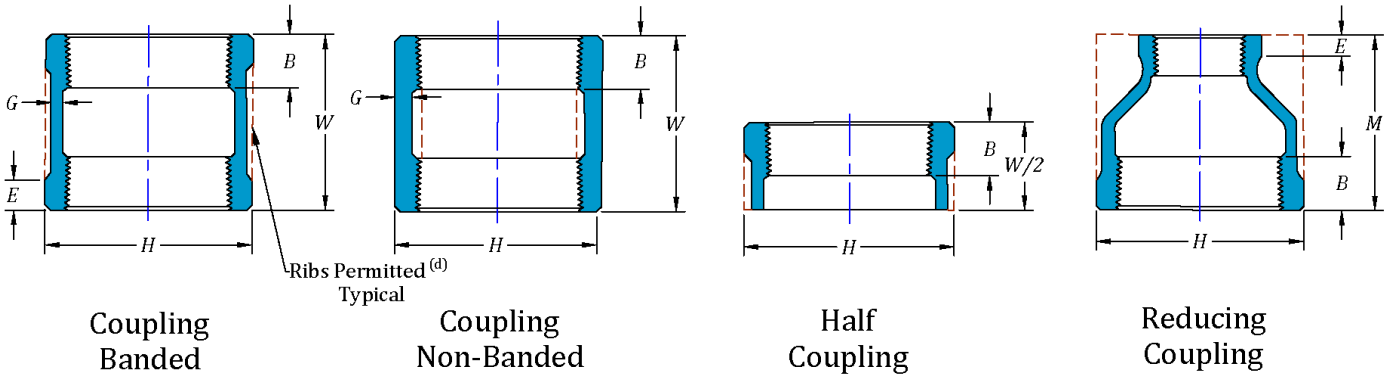
(b) The length of thread may extend beyond the width of band. However, minimum metal thickness (*G*) must be maintained at the end of the thread.

(c) Couplings, half couplings and reducing couplings may be banded or non-banded.

(d) Ribs are permitted as per Section 10. The applicable “external” broken lines in the drawings above indicate where ribs are allowed.

(e) See Table 5 for U.S. customary units.


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Coupling Banded | Coupling Non-Banded | Half Coupling | Reducing Coupling

## Table 5
## Dimensions of Class 150 Cast Threaded Couplings (Straight and Reducing Sizes) (e)

Dimensions are in inches

| NPS | *B* Length of Thread (b) (Min.) | *E* Width of Band (Min.) | *G* Metal Thickness (a) | *H* Outside Diameter of Band (c) (Min.) | *W* Length of Couplings | *M* Length of Bell Reducer Couplings |
|---|---|---|---|---|---|---|
| 1/8 | 0.25 | 0.20 | 0.09 | 0.75 | 1.00 | – |
| 1/4 | 0.32 | 0.20 | 0.09 | 0.84 | 1.00 | 1.00 |
| 3/8 | 0.36 | 0.21 | 0.10 | 1.01 | 1.12 | 1.12 |
| 1/2 | 0.43 | 0.25 | 0.10 | 1.20 | 1.38 | 1.38 |
| 3/4 | 0.50 | 0.27 | 0.12 | 1.46 | 1.50 | 1.50 |
| 1 | 0.58 | 0.30 | 0.13 | 1.77 | 1.62 | 1.62 |
| 1¼ | 0.67 | 0.34 | 0.14 | 2.15 | 2.00 | 2.00 |
| 1½ | 0.70 | 0.37 | 0.15 | 2.43 | 2.12 | 2.12 |
| 2 | 0.75 | 0.42 | 0.17 | 2.96 | 2.50 | 2.50 |
| 2½ | 0.92 | 0.48 | 0.21 | 3.31 | 2.87 | 3.25 |
| 3 | 0.98 | 0.55 | 0.23 | 4.00 | 3.18 | 3.68 |
| 4 | 1.08 | 0.66 | 0.26 | 5.06 | 3.68 | 4.38 |

**General Note:** Reducing couplings may be either bell or straight. The outside diameter (*H*) of straight reducing couplings shall correspond to the largest size end connection of the reducing fitting. The length of straight reducing couplings shall correspond to the length of coupling (*W*) of the largest connection of the reducing fitting.

**Notes:**

(a) Patterns shall be designed to produce castings of metal thickness given in the Table. Metal thickness at no point shall be less than 90% of values given in the Table.

(b) The length of thread may extend beyond the width of band. However, minimum metal thickness (*G*) must be maintained at the end of the thread.

(c) Couplings, half couplings and reducing couplings may be banded or non-banded.

(d) Ribs are permitted as per Section 10. The applicable “external” broken lines in the drawings above indicate where ribs are allowed.

(e) See Table A5 for SI (metric) units.

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**BSR/UL 62841-4-8, Standard for Safety for Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-8: Particular requirements for shredders/chippers.**

**2. Proposal to remove the National Difference previously proposed to delete the requirement to provide an ear protection marking unless the machine has been tested and the measured A-weighted emission sound pressure level at the operator's ear in accordance with Annex I does not exceed 85 dB(A).**

## PROPOSAL

~~8.2DV D2 Modification: Delete the sixth dashed item in Clause 8.2 of the Part 4.~~

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**BSR/UL 541, Standard for Safety for Refrigerated Vending Machines**

**10. Alternate Flame Symbol for Vending Machines with Flammable Refrigerants**

## PROPOSAL

SA6.1.7 The marking in item SA6.1.3(a) shall also contain one of the following symbols "Caution, risk of fire" (Fire in a triangle or fire in a red diamond).

Figure SA6.1.7.1
ISO 7010-W021 Symbol



~~ISO 7010-W021 Symbol~~

Figure SA6.1.7.2
United Nations, GHS02 Symbol



~~United Nations, GHS02 Symbol~~

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The color and format of the ISO 7010-W021 triangle symbol sign shall be as shown in Symbol W021 in ISO 7010. The color and format of the United Nations, Globally Harmonized System of Labeling and Chemicals, GHS02 diamond symbol shall be as specified for the United Nations, GHS02 symbol. The perpendicular height of the symbol shall be at least 15 mm (9/16 inch).

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**BSR/UL 778, Standard for Safety for Motor-Operated Water Pumps**

**1. Addition of requirements for the dielectric voltage withstand test of products with built-in voltage-limiting circuits**

## PROPOSAL

**Performance**

**41 Dielectric Voltage-Withstand Test**

**41.1 General**

**41.1.4** Voltage limiting circuits and components such as varistors and spark gaps are to be removed or disconnected before the dielectric voltage-withstand test. The voltage limiting circuit may be disconnected at one connection point of the circuit, provided that the voltage limiting effect is removed.

**41.1.5** In addition to compliance with 41.1.4, for a product with voltage limiting circuits used to reduce impulse voltage to the capability of insulation having a lower dielectric voltage-withstand capability than the rated impulse voltage/overvoltage category of the pump, the test potential for a DC test is to be reduced to the upper tolerance limit of the clamping voltage of the voltage-limiting circuit. For an AC test, the test potential is to be reduced to 71% of the upper tolerance limit of the clamping voltage of the voltage limiting circuit.

*Exception: when a test potential specified in 41.1.5 exceeds the applicable test potential in Table 41.1, the applicable test potential in Table 41.1 is to be used.*

41.1.6 The upper tolerance limit of the clamping voltage used in 41.1.5 is to be determined from component manufacturer's published data, such as a datasheet.

**MANUFACTURING AND PRODUCTION-LINE TESTS**

**55 Dielectric Voltage-Withstand Test**

**55.2** The production-line test shall be in accordance with either Condition A or Condition B of Table 55.1

**Table 55.1**
**Production-line test conditions**

| Appliance rating and form | Condition A | | | Condition B | | |
|---|---|---|---|---|---|---|
| | Test potential, V AC | Test potential V DC | Time, seconds | Test potential, V AC | Test potential V DC | Time, seconds |
| 105 – 130 volts, with or without a motor rated 1/2 horsepower (373 W output) or less | 1000 | 1400 | 60 | 1200 | 1700 | 1 |
| 105 – 130 volts with motor rated more than 1/2 horsepower (373 W output) | 1000 + 2V[a] | 1400 + 2.8V[a] | 60 | 1200 + 2.4V[a] | 1700 + 3.4V[a] | 1 |
| 210 – 600 volts | 1000 + 2V[b] | 1400 + 2.8V[b] | 60 | 1200 + 2.4V[b] | 1700 + 3.4V[b] | 1 |

[a] Maximum marked voltage but no less than 120 volts.
[b] Maximum marked voltage but no less than 240 volts.

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*Exception: For voltage limiting circuits (e.g., circuits incorporating devices such as varistors and spark gaps), the DT test potential is to be 90% of the lower tolerance limit of the clamping voltage. The RMS AC test potential is to be 64% of the lower tolerance limit of the clamping voltage. The lower tolerance limit of the clamping voltage is to be determined from component manufacturer's published data, such as a datasheet. If a test potential determined based on the voltage-limiting circuit exceeds the applicable test potential in Table 55.1, the applicable test potential in Table 55.1 is to be used.*

55.2A In rare circumstances, the reduced test potential may not be sufficient to verify the integrity of component insulation. In such cases, the production line dielectric voltage-withstand test of the fully assembled product is to be supplemented by other means, such as visual inspection or a dielectric voltage-withstand test of the component prior to assembly using the applicable test potential in Table 55.1. The component dielectric voltage-withstand test may be conducted by a component supplier when relevant.

**55.3** A pump may be in a heated or unheated condition for the test.

**55.4** The test shall be conducted when the pump is fully assembled. It is not intended that it be unwired, modified or disassembled for the test. This includes keeping voltage limiting circuits in place.

*Exception No. 1: A part such as a snap cover or friction-fit knob that interferes with conducting the test is not required to be in place.*

*Exception No. 2: The test may be performed before final assembly if the test represents that for the complete pump.*

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**BSR/UL 1277, Standard for Safety for Electrical Power and Control Tray Cables with Optional Optical-Fiber Members**

**1. Use Minor Axis Dimension for Flat Cable Jacket Thickness Selection**

## PROPOSAL

### 12.3 Thicknesses

12.3.1 The average thickness and the minimum thickness at any point of the overall jacket shall not be less than indicated in Table 12.3 or 12.4 when measured as described in 11.3.2 and 11.3.3.

**Table 12.3**

**Thicknesses of overall jacket for round assembly cables**

| Diameter of round assembly under jacket | | Minimum average thickness | | Minimum thickness at any point | |
|---|---|---|---|---|---|
| inch | mm | mils | mm | mils | mm |
| 0 – 0.425 | 0 – 10.80 | 45 | 1.14 | 36 | 0.91 |
| Over 0.425 but not over 0.700 | Over 10.80 but not over 17.78 | 60 | 1.52 | 48 | 1.22 |
| Over 0.700 but not over 1.500 | Over 17.78 but not over 38.10 | 80 | 2.03 | 64 | 1.63 |
| Over 1.500 but not over 2.500 | Over 38.10 but not over 63.50 | 110 | 2.79 | 88 | 2.24 |
| Over 2.500 | Over 63.50 | 140 | 3.56 | 112 | 2.84 |
| Thicknesses other than those covered in this table are acceptable if the finished cable employing a jacket with the other thicknesses performs acceptably in the tests described in this standard. | | | | | |

**Table 12.4**

**Thicknesses of overall jacket for flat assembly cables**

| Width of flat assembly under jacket | | Minimum average thickness | | Minimum thickness at any point | |
|---|---|---|---|---|---|
| inch | mm | mils | mm | mils | mm |
| 0 – 1.25 | 0 – 31.75 | 45 | 1.14 | 36 | 0.91 |
| Over 1.25 but not over 1.75 | Over 31.75 but not over 44.45 | 60 | 1.52 | 48 | 1.22 |
| Over 1.75 but not over 2.50 | Over 44.45 but not over 63.5 | 80 | 2.03 | 64 | 1.63 |
| Over 2.5 but not over 3.25 | Over 63.5 but not over 82.55 | 110 | 2.79 | 88 | 2.24 |
| Over 3.25 | Over 82.55 | 140 | 3.56 | 112 | 2.84 |
| Thicknesses other than those covered in this table are acceptable if the finished cable employing a jacket with the other thicknesses performs acceptably in the tests described in this standard. | | | | | |

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**BSR/UL 1558, Standard for Safety for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear**

## 1. DC Ratings

## PROPOSAL

1.4 These requirements cover equipment rated ~~1000 V ac or less nominal~~, 1058 V ac maximum (1000 V ac nominal) and 1500 V dc or less.

6.2.9 When bolts, nuts, and washers are provided for connecting through bus to other sections, the length of the bolts shall be such that spacings in accordance with Table 12.1 and Table 12.1A are maintained.

6.2.10 A bus bar or uninsulated live part, other than a pressure wire connector as mentioned in the Exception of 12.2.7, shall be secured so that ordinary vibration will not loosen the securing means, and shall be prevented from turning or shifting in position if any spacings less than half those indicated in Table 12.1 and Table 12.1A would result from such turning or shifting. A bus bar provided with one or more insulators that must be removed when a unit is installed shall be prevented from any turning that would result in spacings less than half those specified in Table 12.1 and Table 12.1A with all insulators in place, or that would result in spacings less than 1/8 inch (3.2 mm) for any voltage up to 250 V, or 1/4 inch (6.4 mm) for any voltage of 251 ~~to 1000~~ V or above, with any insulators omitted.

6.2.11 Friction between surfaces is not acceptable as a means to prevent turning or shifting of an uninsulated live part. Turning or shifting may be prevented by the use of two screws or rivets, by noncircular shoulders or mortises, by a dowel pin, lug, or offset, by a connecting strap or clip fitted into an adjacent part, or by an equivalent method. No reliance is to be placed on a single branch circuit fuseholder, circuit breaker, or switch unit for preventing turning of the branch bus feeding such unit, if such turning would reduce spacings to less than those specified in Table 12.1, Table 12.1A, or 6.2.10.

12.2.1 The spacings in a switchgear section shall be as indicated in Table 12.1 and Table 12.1A.

*Exception No. 1: Spacings within a component, such as within low-voltage power circuit breakers, industrial control equipment, a meter socket, a heating element, a clock operated switch, and the like, within switchgear sections, and located on the load side of the service disconnect and overcurrent protection, shall comply with the requirements applicable to that component. Spacings between exposed live parts of the component and the overall enclosure, other than inherent spacings, and spacings between exposed live parts of adjacent components, and any adjacent exposed live part, shall comply with Table 12.1, Table 12.1A, or Table 12.2 as applicable.*

*Exception No. 2: Spacings in the control circuit may be as indicated in Table 12.3.*

**Table 12.1**
**Minimum Acceptable Spacings – AC Power Circuits**

| Voltage involved | | Minimum spacing between live parts opposite polarity | | | | Minimum spacing through air and over surface and grounded metal parts | |
|---|---|---|---|---|---|---|---|
| | | Through air | | Over surface | | | |
| Greater than | Maximum | inch | (mm) | inch | (mm) | inch | (mm) |
| 0 | 125 | 1/2 | (12.7) | 3/4 | (19.1) | 1/2 | (12.7) |
| 125 | 250 | 3/4 | (19.1) | 1-1/4 | (31.8) | 1/2 | (12.7) |
| 250 | 600 | 1 | (25.4) | 2 | (50.8) | 1[a] | (25.4) |
| 600 | 1000 | 1 | (25.4) | 2 | (50.8) | 1[a] | (25.4) |

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| Voltage involved | | Minimum spacing between live parts opposite polarity | | | | Minimum spacing through air and over surface and grounded metal parts | |
|---|---|---|---|---|---|---|---|
| | | Through air | | Over surface | | | |
| Greater than | Maximum | inch | (mm) | inch | (mm) | inch | (mm) |

[a] A through air spacing of not less than 1/2 inch (12.7 mm) is acceptable:

1) At a molded-case circuit breaker or a switch, other than a snap switch,

2) Between uninsulated live parts of a meter mounting base and grounded dead metal, and

3) Between grounded dead metal and the neutral of a 480Y/277-V, 3-phase, 4-wire switchgear section.

## Table 12.1A
## Minimum Acceptable Spacings – DC Power Circuits

| Voltage Involved | | Minimum spacing between live parts of opposite polarity | | | | Minimum spacing through air and over surface and grounded metal parts | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Through air | | Over surface | | Through air | | Over surface | |
| Greater than | Maximum | inch | (mm) | inch | (mm) | inch | (mm) | inch | (mm) |
| 0 | 125 | 1/2 | (12.7) | 3/4 | (19.1) | 1/2 | (12.7) | 1/2 | (12.7) |
| 125 | 250 | 3/4 | (19.1) | 1-1/4 | (31.8) | 1/2 | (12.7) | 1/2 | (12.7) |
| 250 | 1500 | 1 | (25.4) | 2 | (50.8) | 1[a] | (25.4) | 1[a] | (25.4) |

[a] A through air spacing of not less than 1/2 inch (12.7 mm) is acceptable:
1) At a molded-case circuit breaker or a switch, other than a snap switch; and
2) Between uninsulated live parts of a meter mounting base and grounded dead metal.

## Table 12.3
## Control Circuit Spacings

| Voltage involved | | Minimum acceptable spacings | | | | | |
|---|---|---|---|---|---|---|---|
| | | Between uninsulated live parts of opposite polarity and between an uninsulated live part and an exposed or uninsulated dead metal part other than the enclosure | | | | Between uninsulated live parts and the walls of a metal enclosure, including fittings for conduit or armored cable[b] | |
| | | Over surface | | Through air | | Shortest distance | |
| Greater than | Maximum | inch | (mm) | inch | (mm) | inch | (mm) |
| 0 | 125 | 1/4 | (6.4) | 1/8[a] | (3.2) | 1/2 | (12.7) |
| 125 | 250 | 3/8 | (9.5) | 1/4 | (6.4) | 1/2 | (12.7) |
| 250 | 600 | 1/2 | (12.7) | 3/8 | (9.5) | 1/2 | (12.7) |
| 600 | ~~1000~~1500 | 1/2 | (12.7) | 3/8 | (9.5) | 1/2 | (12.7) |

[a] The spacing between wiring terminals of opposite polarity shall not be less than 1/4 inch (6.4 mm) in any case if the terminals are in the same plane.

[b] A metal piece attached to the enclosure shall be considered to be a part of the enclosure for the purpose of this note if

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| Voltage involved | | Minimum acceptable spacings | | | | | |
|---|---|---|---|---|---|---|---|
| | | Between uninsulated live parts of opposite polarity and between an uninsulated live part and an exposed or uninsulated dead metal part other than the enclosure | | | | Between uninsulated live parts and the walls of a metal enclosure, including fittings for conduit or armored cable[b] | |
| Greater than | Maximum | Over surface | | Through air | | Shortest distance | |
| | | inch | (mm) | inch | (mm) | inch | (mm) |
| deformation of the enclosure is likely to reduce the spacing between the metal piece and a live part. | | | | | | | |

12.2.2 In applying Table 12.1, Table 12.1A, and Table 12.3 it is to be assumed that:

a) The voltage from a live part, other than the neutral, to grounded dead metal equals the line-to-line voltage of the system.;

b) The voltage from a neutral live part to grounded dead metal equals the line-to-neutral voltage of the system.;

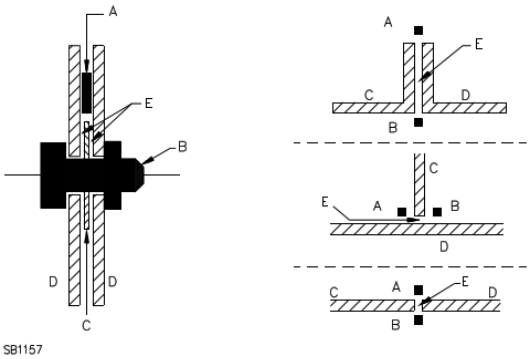
*Exception: Terminals and other parts intended to be connected to the grounded conductor of a circuit are considered to be uninsulated live parts unless such parts are mounted directly on or in permanent electrical connection with grounded dead metal.*

c) Spacings at a fuseholder are to be measured with a fuse of the maximum standard dimensions (including the maximum projections for assembly screws and rivets) in place. Dimensions of fuses and fuseholders shall be found in UL 248-1, UL 248-4, UL 248-5, UL 248-6, UL 248-8, UL 248-10, UL 248-11, UL 248-12, and UL 248-15.; and

d) Spacings are to be measured through cracks unless a clamped joint complies with the test requirements in 12.4.1. A clamped joint is a joint between two pieces of insulation that are under pressure as shown in Figure 12.1. Adhesives, cements, and the like, if used to effect a seal in place of a tightly mated joint, shall comply with the requirements in UL 746C.

**Figure 12.1**

**Clamped Joint**




Parts A, B – Live parts of opposite polarity, or a live part and grounded metal part, with spacing through the crack between C and D less than required in Table 12.1, Table 12.1A, or Table 12.3.

Parts C, D – Insulating barriers clamped tightly together so that the dielectric strength between A and B is greater than the equivalent air spacing.

Part E – The clamped joint.

12.2.3 With respect to Table 12.1, Table 12.1A, and Table 12.3:

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a) An isolated dead metal part, such as a screwhead or a washer, interposed between uninsulated live parts of opposite polarity or between an uninsulated live part and grounded dead metal is to be considered to reduce the spacing by an amount equal to the dimension of the interposed part along the path of measurement~~.~~;

b) In measuring an over-surface spacing, any slot, groove, and the like, 0.013 inch (0.33 mm) wide or less, in the contour of insulating material is to be disregarded~~.~~; and

c) In measuring spacings, an air space of 0.013 inch (0.33 mm) or less between a live part and an insulating surface is to be disregarded, and the live part is to be considered in contact with the insulating material.

## 2. Service Equipment Updates

## PROPOSAL

13.1.3 A switchgear section, or several sections intended to be used in a group, marked for service equipment use shall be ~~so~~ constructed ~~that all ungrounded load conductors – other than through bus – can be disconnected from the source of supply by the operation of not more than six operating handles when all of the disconnecting means for which space is provided are installed at the factory or in the field. The operation of each handle shall simultaneously disconnect all ungrounded conductors of each circuit controlled by that handle. Markings in accordance with 20.3.1 – 20.5.3 shall be provided.~~ in accordance with either (a) or (b):

a) Single Disconnect Construction – A switchgear with a single service disconnect marked for service equipment use shall be:

1) Constructed so that all ungrounded load conductors can be disconnected from the source of supply by the operation of one disconnect device;

2) Constructed in accordance with 13.1.4; and

3) Marked in accordance with 20.3.1 – 20.5.3.

b) Multiple-Disconnect Construction – A switchgear with multiple service disconnects marked for service equipment use shall be:

1) Constructed so that all ungrounded load conductors can be disconnected from the source of supply by the operation of not more than six disconnect devices;

2) Constructed so that no more than one service disconnect device is located in any switchgear compartment;

3) Constructed in accordance with 13.1.4; and

4) Marked in accordance with 20.3.1 – 20.5.3.

*Exception No. 1: Additional disconnecting means for the control circuits of power operable service disconnects may be connected to the source on the line side of the service disconnects.*

*Exception No. 2: A disconnecting means used solely for the control circuit of the ground-fault protection system shall not be counted as one of the six disconnecting means.*

NOTE: Switchgear assemblies intended for use with multiple sources may be provided with nonservice-rated sections. Nonservice sources may terminate in nonservice sections without a means to disconnect load conductors from the nonservice rated source of supply.

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20.3.1 A switchgear section intended for use as service equipment shall be marked, "Suitable for Use as Service Equipment" or "Suitable for use as service equipment when not more than six main disconnecting devices are installed".

20.3.2 If a switchgear section is marked "Suitable for use as service equipment" or "Suitable for use as service equipment when not more than six main disconnecting devices are installed", each service disconnecting means for the ungrounded conductors shall be marked "Service Disconnect".

20.3.5 If a switchgear section is marked "Suitable for use as Service Equipment" or "Suitable for use as Service equipment when not more than six main disconnecting devices are installed", the marking "Service Disconnect" shall be provided in the form of pressure sensitive labels in an envelope, or on a card, with instructions to apply near the service disconnect handles if the equipment is used as service equipment.

*Exception: If the switchgear is intended for particular installation in which it is known that it will be used as service equipment, the markings may be applied at the switchgear factory.*

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