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# Project Initiation Notification System (PINS)

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

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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 222-202x, Standard for the Articulation of Footwear and Tire Interpretations (new standard)
Stakeholders: Footwear and tire impression evidence examiners, criminal justice system partners

Project Need: This standard offers a framework for a means of articulating results and interpretations in the footwear and tire evidence discipline that are supportable, transparent, and understandable. The content of this document is not currently contained in any published standard and aims to standardize the discipline.

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

This standard provides the requirements for articulating results and interpretations of the comparison of questioned impressions to known footwear and tires. This document also provides descriptions of comparative observations and interpretations of data, and establishes qualitative articulations for the range of results and interpretations that may be reached following footwear and tire evidence comparisons. This standard does not cover results and interpretations derived directly from or entirely dependent upon probability models or quantitative methods, or the determination of the relevant population for evaluation.

## ANS (American Nuclear Society)

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

***Revision***

BSR/ANS 57.10-202x, Design Criteria for Consolidation of LWR Spent Fuel (revision of ANSI/ANS 57.10-1996 (R2021))
Stakeholders: Nuclear industry. Light Water Reactor Operators. Regulatory Agencies. Spent Nuclear Waste Managers.

Project Need: The last revision to this standard took place 25 years ago. With new technologies and developments, some aspects of the document require updating. The latest reaffirmation extends the document to January 2026 meaning time is of the essence to keep this document valid. Some of the standards this document refers to have been withdrawn. Making sure the document references other relevant and valid standards is crucial to keeping it accurate.

Interest Categories: Individual. Owner, National Laboratories/Government Facilities, Vendor, Architect-Engineer-Constructor, Government Agency

This standard provides guidance in specifying requirements for equipment and systems necessary to consolidate LWR SNF, provide consolidated minimum requirements, assist regulatory agencies to evaluate applications for spent fuel rod consolidation. If this standard provides "guidance for specifiying requirements", should not be a Guidance Standard? If not, change the scope statement.

## ASA (ASC S12) (Acoustical Society of America)

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

***Revision***

BSR ASA S12.7-202x, Methods for measurement of impulsive sounds (revision of ANSI ASA S12.7-1986 (R2024))
Stakeholders: Consumer, Medical Manufacturers, Military, Environmental

Project Need: S12.7 has been needing significant revision for many years. Technology improvements needed to be reflected in the standard.

Interest Categories: General Interest, User, Producer, Trade, Government

This standard describes two methods for accurately measuring the waveforms of impulsive sounds (such as quarry and mining explosions, rifle firing, or sonic booms) or a series of impulsive or transient sounds (such as pile drivers, riveting, or machine-gun firing). The standard describes two measurement methods, one for capturing the details of impulsive waveforms for scientific study and the second for capturing the impulsive waveform information important for use in human impulsive noise exposure metrics. The standard defines specific measurement requirements including sampling rates and bandwidth; specific measurement methods including type and orientation of microphones or pressure gauges; the specific waveform data to be collected; and the manner of reporting the measured waveforms, system calibrations, measurement set-up, and measurement methods used. This standard does not describe human impulsive noise exposure metrics or exposure criteria.

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

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

***New Standard***

BSR/ASABE/SEIA S669 MONYEAR-202x, Terminology and Definitions for Agrivoltaics (new standard)
Stakeholders: Agrivoltaics researchers, construction, design, developers, engineers, financiers, manufacturers, policymakers, procurement, users, and utilities

Project Need: Standard terminology and definitions are badly needed to help direct and focus research, development, and manufacturing for the emerging, quickly growing area of Agrivoltaics.

Interest Categories: Academia, Research, General Interest, Government, Producer, User

To establish uniformity in terminology and definitions and focus the development of new terms for the field of Agrivoltaics or dual-use solar. To facilitate comparison of measurement and modeling data from Agrivoltaics across disciplines and locations.

## ASSP (ASC A10) (American Society of Safety Professionals)

Tim Fisher <TFisher@ASSP.org> | 520 N. Northwest Highway | Park Ridge, IL 60068 www.assp.org

***Revision***

BSR/ASSP A10.2-203X-202x, Safety, Health and Environmental Training for Construction and Demolition Operations (revision and redesignation of ANSI/ASSP A10.2-2025)
Stakeholders: Occupational Safety and Health Professionals working with construction and demolition operations and affiliated stakeholders

Project Need: Based upon the consensus of the A10 Committee and Occupational Safety and Health Professionals working in the construction and demolition industry, and the leadership of ASSP

Interest Categories: Occupational Safety and Health Professionals working with construction and demolition operations and affiliated stakeholders

This standard establishes best practices in safety, health, and environmental training for the construction industry.

## ASTM (ASTM International)

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

***New Standard***

BSR/ASTM WK93750-202x, New Guide for Specification, Purchase, Installation and Maintenance of Synthetic Turf for Playground Surfacing (new standard)
Stakeholders: Playground Surfacing Systems Industry

Project Need: No standard that covers the areas within the scope currently exists in the industry.

Interest Categories: Producer, User, General Interest

This guide covers information regarding design, manufacturing, installation, and maintenance of synthetic turf for playground surfacing. It will outline the issues of compliance with regards to current standards, durability, and functional longevity. Other topics covered will be maintenance techniques that should be considered by the owner/operator, warranty considerations.

## AWS (American Welding Society)

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

***Revision***

BSR/AWS D15.1/D15.1M-202x, Railroad Welding Specification for Cars and Locomotives (revision of ANSI/AWS D15.1/D15.1M-2024)
Stakeholders: Welders, engineers, CWIs, railroad industry, and government

Project Need: To provide a single comprehensive document of welding data and for the railroad industry.

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

This specification establishes minimum welding standards for the manufacture and maintenance of railcars, locomotives, and their components, intended for North American railroad service. Clauses 4 through 16 cover the general requirements for welding in the railroad industry. Clauses 17 through 22 cover specific requirements for the welding of base metals thinner than 1/8 in [3 mm].

## CEMA (Conveyor Equipment Manufacturers Association)

Naylu Garces <NAYLU@CEMAnet.org> | 27400 Riverview Center Blvd, Suite 2 | Bonita Springs, FL 34134 www.cemanet.org

***Revision***

BSR/CEMA Standard No. 300-202x, Screw Conveyor Dimensional Standards (revision of ANSI/CEMA Standard No. 300 -2021)
Stakeholders: Conveyor manufacturers; producers; designers; service industries

Project Need: Includes a series of recommended dimensional standards for major screw conveyor components. Included are tables for troughs, trough ends, covers, screws (helicoid, sectional flight, cut-flight, cut-and-folded flight, ribbon flight), and plain discharge spouts.

Interest Categories: Manufacturers, specifiers, and users of conveyors systems

This publication provides recommended dimensional sub-standards for major screw conveyor components. All dimensions and tolerances are based on carbon steel fabrication

## CEMA (Conveyor Equipment Manufacturers Association)

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***Reaffirmation***

BSR/CEMA Standard No. 350-2021 (R202x), Screw Conveyor for Bulk Materials (reaffirmation of ANSI/CEMA Standard No. 350-2021)
Stakeholders: Conveyor manufacturers; producers; designers; service industries

Project Need: It describes all the information related to Screw Conveyors, Bulk Materials (Code, Size, Conveyor Speed, Component Groups), Horsepower Requirements, Screw Feeders, Incline and Vertical Screw Conveyors, and General Applications of Screw Conveyors.

Interest Categories: Manufacturers, specifiers, and users of conveyors systems

A book of accepted engineering and application practice as compiled by engineers of leading screw conveyor manufacturing companies based on the experience of many years.

## CEMA (Conveyor Equipment Manufacturers Association)

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***Revision***

BSR/CEMA Standard No. 401-202x, Roller Conveyors - Non-Powered (revision of ANSI/CEMA Standard No. 401-2020)
Stakeholders: Conveyor manufacturers; producers; designers; service industries; distribution, warehousing

Project Need: It established the recommended engineering and application practice for this type of equipment.

Interest Categories: Manufacturers, specifiers, and users of conveyors systems

This is the first in a series of standards applicable to unit-handling conveyors. It describes all the information related to Non-Powered Roller Conveyors: Definitions, Applications, Bearings for Conveyor Rollers, and Technical Data.

## CEMA (Conveyor Equipment Manufacturers Association)

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***Reaffirmation***

BSR/CEMA Standard No. 402 (R202x), Belt Conveyors (reaffirmation of ANSI/CEMA Standard No. 402-2003 (R2020))
Stakeholders: Conveyor manufacturers; producers; designers; service industries; distribution, warehousing

Project Need: It established the recommended design and application engineering practice for this unit handling belt conveyors.

Interest Categories: Manufacturers, specifiers, and users of conveyors systems

This is the second in a series of standards applicable to unit-handling conveyors. It describes all the information related to Belt Conveyors: Definitions, Applications, Technical Data, and Examples.

## CEMA (Conveyor Equipment Manufacturers Association)

Naylu Garces <NAYLU@CEMAnet.org> | 27400 Riverview Center Blvd, Suite 2 | Bonita Springs, FL 34134 www.cemanet.org

***Reaffirmation***

BSR/CEMA Standard No. 403 (R202x), Belt-Driven Live Roller Conveyors (reaffirmation of ANSI/CEMA Standard No. 403-2003 (R2020))
Stakeholders: Conveyor manufacturers; producers; designers; service industries; distribution, warehousing

Project Need: It established the recommended design and application engineering practice for this type of conveyor.

Interest Categories: Manufacturers, specifiers, and users of unit handling conveyor systems.

This is the third in a series of standards applicable to unit-handling conveyors. It describes all the information related to Belt Driven Live Roller Conveyors: Definitions, Applications, Technical Data, and Examples.

## CEMA (Conveyor Equipment Manufacturers Association)

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***Reaffirmation***

BSR/CEMA Standard No. 404 (R202x), Chain Driven Live Roller Conveyors (reaffirmation of ANSI/CEMA Standard No. 404-2003 (R2020))
Stakeholders: Conveyor manufacturers, producers, designers, service industries, distribution, warehousing

Project Need: It established the recommended design and application engineering practice for this type of conveyor.

Interest Categories: Manufacturers, specifiers, and users of unit handling conveyor systems

This is the fourth in a series of standards applicable to unit-handling conveyors. It describes all the information related to Chain Driven Live Roller Conveyors: Definitions, Applications, and Technical Data.

## CEMA (Conveyor Equipment Manufacturers Association)

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***Reaffirmation***

BSR/CEMA Standard No. 405 (R202x), Slat Conveyors (reaffirmation of ANSI/CEMA Standard No. 405-2003 (R2020))
Stakeholders: Conveyor manufacturers, producers, designers, service industries, distribution, warehousing

Project Need: It proposed certain minimum standards for use in the design and application of unit-handling slat conveyors.

Interest Categories: Manufacturers, specifiers, and users of unit handling conveyor systems

This is the fifth in a series of standards applicable to unit-handling conveyors. It describes all the information related to Slat Conveyors: Definitions, Applications, and Technical Data.

## CEMA (Conveyor Equipment Manufacturers Association)

Naylu Garces <NAYLU@CEMAnet.org> | 27400 Riverview Center Blvd, Suite 2 | Bonita Springs, FL 34134 www.cemanet.org

***Revision***

BSR/CEMA Standard No. 406-202x, Lineshaft Driven Live Roller Conveyors (revision of ANSI/CEMA Standard No. 406 -2020)
Stakeholders: Conveyor manufacturers, producers, designers, service industries, distribution, warehousing

Project Need: It establishes recommended minimum standards for use in manufacturing and applying lineshaft-driven live roller conveyors.

Interest Categories: Manufacturers, specifiers, and users of unit handling conveyor systems

This is the sixth in a series of standards applicable to unit-handling conveyors. It describes all the information related to Lineshaft Driven Live Roller Conveyors: Definitions, Applications, and Technical Data.

## CEMA (Conveyor Equipment Manufacturers Association)

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***Reaffirmation***

BSR/CEMA Standard No. 407 (R202x), Motor Driven Live Roller (MDR) Conveyors (reaffirmation of ANSI/CEMA Standard 407-2019)
Stakeholders: Conveyor manufacturers, producers, designers, service industries, distribution, warehousing

Project Need: It established the recommended design and application engineering practice for this type of conveyor.

Interest Categories: Manufacturers, specifiers, and users of unit handling conveyor systems

This is the seventh in a series of standards applicable to unit-handling conveyors. It describes all the information related to Motor Driven Live Roller (MDR) Conveyors: Definitions, Applications, and Technical Data.

## CEMA (Conveyor Equipment Manufacturers Association)

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***Revision***

BSR/CEMA Standard No. 550-202x, Classification and Definitions of Bulk Materials (revision of ANSI/CEMA Standard No. 550-2020)
Stakeholders: Conveyor manufacturers; producers; designers; service industries; distribution

Project Need: Since many materials are handled in their natural state, the material properties in this publication should be considered guidelines, and testing of the specific bulk material being handled is strongly recommended.

Interest Categories: Manufacturers, specifiers, and users of conveyors systems

Provide a precise definition and accurate classification of materials according to their handling characteristics under a specific combination of conditions of temperature, humidity, sizes, distribution of lumps, friability, and so on, including all factors that influence the selection of proper types and sizes of conveyors, horizontal, inclined or vertical.

## ECIA (Electronic Components Industry Association)

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

***Reaffirmation***

BSR/EIA 797-2014 (R202x), Aluminum-Electrolytic Capacitor Application Guideline (reaffirmation of ANSI/EIA 797 -2014 (R2020))
Stakeholders: Electrical, electronic, and telecommunications industries

Project Need: Reaffirm current American National Standard.

Interest Categories: User, Producer, General Interest

Except for a few surface-mount technology (SMT) aluminum electrolytic capacitor types with solid electrolyte systems, an aluminum electrolytic capacitor consists of a wound capacitor element, impregnated with liquid electrolyte, connected to terminals and sealed in a can. The element is comprised of an anode foil, paper separators saturated with electrolyte, and a cathode foil. The foils are high-purity aluminum and are etched to increase the surface area in contact with the electrolyte. While it may appear that the capacitance is between the two foils, actually the capacitance is between the anode foil and the electrolyte. The positive plate is the anode foil; the dielectric is the insulating aluminum oxide on the anode foil; the true negative plate is the conductive, liquid electrolyte, and the cathode foil merely connects to the electrolyte.

## ECIA (Electronic Components Industry Association)

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***Reaffirmation***

BSR/EIA 944-2013 (R202x), Surface Mount Chip Bead Qualification Specification (reaffirmation of ANSI/EIA 944-2013 (R2020))
Stakeholders: Electrical, electronic, and telecommunications industries

Project Need: Reaffirm current American National Standard.

Interest Categories: User, Producer, General Interest

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.

## ECIA (Electronic Components Industry Association)

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***National Adoption***

BSR/EIA 60115-8-202x, Fixed resistors for use in electronic equipment - Part 8: Sectional specification: Fixed surface mount resistors (identical national adoption of IEC 60115-8:2023 and revision of ANSI/EIA 60115-8 ed. 2.0-2014 (R2019))
Stakeholders: Electrical, electronic, and telecommunications industries

Project Need: Adopt identical ISO or IEC standard and revise the current American National Standard.

Interest Categories: User, Producer, General Interest

This part of IEC 60115 is applicable to fixed surface mount resistors for use in electronic equipment. These resistors are typically described according to types (different geometric shapes) and styles (different dimensions) and product technology. These resistors have metallized terminations and are primarily intended to be mounted directly on to a circuit board. The object of this standard is to prescribe preferred ratings and characteristics and to select from IEC 60115-1, the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of resistor.

## ECIA (Electronic Components Industry Association)

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***National Adoption***

BSR/EIA 60384-8-2024, Fixed capacitors for use in electronic equipment - Part 8: Sectional specification - Fixed capacitors of ceramic dielectric, Class 1 (identical national adoption of IEC 60384-8:2024 and revision of ANSI/EIA 60115-8 ed. 2.0-2014 (R2019))
Stakeholders: Electrical, electronic, and telecommunications industries

Project Need: Adopt identical ISO or IEC standard and revise the current American National Standard.

Interest Categories: User, Producer, General Interest

This part of IEC 60384 is applicable to fixed capacitors of ceramic dielectric with a defined temperature coefficient (dielectric Class 1), intended for use in electronic equipment, including leadless capacitors but excluding fixed surface mount multilayer capacitors of ceramic dielectric, which are covered by IEC 60384-21 (Class 1). Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14.

## ECIA (Electronic Components Industry Association)

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***National Adoption***

BSR/EIA 60384-21-2024, Fixed capacitors for use in electronic equipment - Part 21: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1 (identical national adoption of IEC 60384-21:2024 and revision of ANSI/EIA 60384-21-2020)
Stakeholders: Electrical, electronic, and telecommunications industries

Project Need: Adopt identical ISO or IEC standard and revise current ANS

Interest Categories: User, Producer, General Interest

This part of IEC 60384 is applicable to fixed unencapsulated surface mount multilayer capacitors of ceramic dielectric with a defined temperature coefficient (dielectric Class 1), intended for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted on printed boards, or directly onto substrates for hybrid circuits. Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14.

## ECIA (Electronic Components Industry Association)

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***National Adoption***

BSR/EIA 60384-22-2024, Fixed capacitors for use in electronic equipment - Part 22: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2 (identical national adoption of IEC 60384-22:2024 and revision of ANSI/EIA 60384-22-2020)
Stakeholders: Electrical, electronic, and telecommunications industries

Project Need: Adopt identical ISO or IEC standard and revise the current American National Standard.

Interest Categories: User, Producer, General Interest

This part of IEC 60384 is applicable to fixed unencapsulated surface mount multilayer capacitors of ceramic dielectric, Class 2, for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted on printed boards, or directly onto substrates for hybrid circuits. Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14.

## ECIA (Electronic Components Industry Association)

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***National Adoption***

BSR/IEC 60115-8-202x, Fixed resistors for use in electronic equipment - Part 8: Sectional specification: Fixed surface mount resistors (identical national adoption of IEC 60115-8:2023 and revision of ANSI/EIA 60115-8 ed. 2.0-2014 (R2019))
Stakeholders: Electrical, electronic, and telecommunications industries

Project Need: Adopt identical ISO or IEC standard and revise the current American National Standard.

Interest Categories: User, Producer, General Interest

This part of IEC 60115 is applicable to fixed surface mount resistors for use in electronic equipment. These resistors are typically described according to types (different geometric shapes) and styles (different dimensions) and product technology. These resistors have metallized terminations and are primarily intended to be mounted directly on to a circuit board. The object of this standard is to prescribe preferred ratings and characteristics and to select from IEC 60115-1, the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of resistor.

## ECIA (Electronic Components Industry Association)

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***National Adoption***

BSR/IEC 60384-21-2024, Fixed capacitors for use in electronic equipment - Part 21: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1 (identical national adoption of IEC 60384-21:2024 and revision of ANSI/EIA 60384-21-2020)
Stakeholders: Electrical, electronic, and telecommunications industries

Project Need: Adopt identical ISO or IEC standard and revise the current American National Standard.

Interest Categories: User, Producer, General Interest

This part of IEC 60384 is applicable to fixed unencapsulated surface mount multilayer capacitors of ceramic dielectric with a defined temperature coefficient (dielectric Class 1), intended for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted on printed boards, or directly onto substrates for hybrid circuits. Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14.

## ECIA (Electronic Components Industry Association)

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***National Adoption***

BSR/IEC 60384-22-2024, Fixed capacitors for use in electronic equipment - Part 22: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2 (identical national adoption of IEC 60384-22:2024 and revision of ANSI/EIA 60384-22-2020)
Stakeholders: Electrical, electronic, and telecommunications industries

Project Need: Adopt identical ISO or IEC standard and revise the current American National Standard.

Interest Categories: User, Producer, General Interest

This part of IEC 60384 is applicable to fixed unencapsulated surface mount multilayer capacitors of ceramic dielectric, Class 2, for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted on printed boards, or directly onto substrates for hybrid circuits. Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14.

## ESTA (Entertainment Services and Technology Association)

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

***Revision***

BSR/E1.6-2-202x, Design, Inspection, and Maintenance of Electric Chain Hoists for the Entertainment Industry (revision of ANSI E1.6-2-2020)
Stakeholders: Manufacturers, Custom producers, Designers, users, technicians, repair technician

Project Need: E1.6 requires updating to accommodate changes in technology and acceptable practices.

Interest Categories: Custom market producers; Mass market producers; Designers; Dealer or rental companies; Users; General interests

ANSI E1.6-2-2020 is part of the E1.6 powered entertainment rigging suite of standards. It covers the design, inspection, and maintenance of serially manufactured electric link chain hoists used in the entertainment industry. This standard does not cover attachment to the load or to the overhead structure. Controls used for multiple hoist operation are excluded from this standard.

## ESTA (Entertainment Services and Technology Association)

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

***Revision***

BSR/ES1.19-202x, Safety requirements for special event structures (revision of ANSI ES1.19-2020)
Stakeholders: Interest categories, plus manufacturers, Installers, AHJ – FCO and BCO

Project Need: ES1.19 requires revision to address changes in terminology, technology, and recommended practice with respect to tents, and tension fabric structures. The revisions will provide guidance to other industries, and to code development and enforcement agencies.

Interest Categories: Designers; Dealer or rental company; Equipment provider; Event producer; Event worker; General Interest; Insurance company; Performing artist

This standard covers any temporary structure used for special events ("temporary special event structures"), where such structures are used for presentation, performance, structural support of entertainment technology equipment, audience seating or viewing in conjunction with the event, and regardless if the event is indoor or outdoor. The scope of this standard covers any such structure not otherwise addressed by existing standards, codes or legislation, and to the extent that such other standards, codes or legislation do not already address conditional use of those temporary structures within existing structures.

## ESTA (Entertainment Services and Technology Association)

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***Revision***

BSR/E1.47-202x, Recommended Guidelines for Entertainment Rigging System Inspections (revision of ANSI/E1.47 -2020)
Stakeholders: Manufacturers, custom producers, designers, users, technicians, repair technician

Project Need: E1.47 requires updating to accommodate changes in technology and in acceptable practices.

Interest Categories: Custom market producers; Mass market producers; Designers; Dealer or rental companies; Users; General interest

This standard offers guidance on inspecting entertainment rigging systems, which are systems used to lift and support scenery, luminaires, and other equipment overhead in entertainment venues, such as theatres, video/film studios, amphitheatres, and arenas used for live performances or special events.

## ESTA (Entertainment Services and Technology Association)

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***Reaffirmation***

BSR ES1.9-2020 (R202x), Crowd Management (reaffirmation of ANSI ES1.9-2020)
Stakeholders: Interest categories, plus crowd management personnel and venue managers; AHJ – FCO and BCO

Project Need: ES1.9 is being considered for reaffirmation because its requirements are reasonable and do not require updating.

Interest Categories: Designers; Dealer or rental company; Equipment provider; Event producer; Event worker; General Interest; Insurance company; Performing artist

The scope of this standard is to define "crowd management" as distinguished from "crowd control", to provide an overview of crowd management theory and vocabulary, and to apply these terms to certain reasonably foreseeable risks that arise during live events. The standard is intended both to identify minimum requirements and provide questions and suggestions that help event organizers make reasonable choices under the circumstances of their event.

## HL7 (Health Level Seven)

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

***Revision***

BSR/HL7 EHR BHFP, R2-202x, HL7 EHR Behavioral Health Functional Profile, Release 2 (revision and redesignation of ANSI/HL7 EHR BHFP, R1-2008 (R2024))
Stakeholders: Association/Government Agency, Healthcare IT Vendors, Healthcare Provider/user, Patients, Payer/Third Party Administrator, Providers, Vendor/Manufacturer

Project Need: This Project will develop standards to support the current needs of the Behavioral Health community in terms of functional and data requirements (i.e., functions of EHR/HIT systems and data capture, exchange and use), partly by updating the Behavioral Health Functional Profile, originated in 2008.

Interest Categories: Government/University, Vendor, Consultant, Provider, General Interest, Affiliate, Pharmaceutical, Payor

This project will establish an expert panel to evaluate the full range of information and functional requirements to support best practices in behavioral health. This will draw from work on the behavioral health dataset emerging in USCDI+, a joint development of the US Office of National Coordinator (ONC), the Substance Abuse and Mental Health Services Administration (SAMHSA), and others. The project will also take into account EHR/HIT system functional requirements as specified in the HL7 Behavioral Health Functional Profile (BHFP) – an earlier product the HL7 EHR Work Group – which will be updated to reflect current behavioral health practice needs.

## OPEI (Outdoor Power Equipment Institute)

Daniel Mustico <dmustico@opei.org> | 1605 King Street | Alexandria, VA 22314 www.opei.org

***Reaffirmation***

BSR/OPEI B71.7-2018 (R202x), Powered Consumer Ram-Type Log Splitters -- Safety Specifications (reaffirmation of ANSI/OPEI B71.7-2018)
Stakeholders: OEM Producer, Supplier Producer, Consumer User, Retailer, Testing Organization, Government Agency, General Interest

Project Need: Reaffirm standard as it continues to reflect state-of-art requirements.

Interest Categories: OEM Producer, Supplier Producer, Consumer User, Retailer, Testing Organization, Government Agency, General Interest

The safety specifications given in this standard are for powered consumer (a) hydraulic-ram log splitters and (b) mechanical-ram log splitters. Power may be supplied by an internal-combustion engine or an electric motor.

## ULSE (UL Standards & Engagement)

Lisette Delgado <Lisette.delgado@ul.org> | 1603 Orrington Ave, Suite 2000 | Evanston, IL 60201 https://ulse.org/

***New Standard***

BSR/UL 3008-202x, Standard for Safety for Automatic Interconnection Switches for Emergency Systems (new standard)
Stakeholders: Producers, Authorities Having Jurisdiction, Utilities, Electrical Installers and Electricians

Project Need: UL 1008 currently exists as a UL Outline. The publication of UL 1008 as a Standard was requested by members of the CANENA THSC 121A WG6, Transfer Switch Equipment. Additionally, the new standard will likely be referenced in Appendix A of the 2026 edition NFPA 70 National Electrical Code. The publication of UL 1008 as a Standard will also be needed for potential future harmonization activities.

Interest Categories: Authorities Having Jurisdiction, Commercial/Industrial Users, General Interest, Producer, Supply Chain, Testing and Standards Organization

UL 3008 applies to automatic interconnection switches (interconnection switches) for use with power generation equipment (including microgrids) to provide for automatic connection to and isolation from the main power source (utility), where the power generation equipment also serves as a source for an emergency or legally required system. These requirements apply to automatic type interconnection switches rated up to 1000 volts ac and 1500 volts dc for use in non-hazardous locations, in accordance with the National Electrical Code (NEC), NFPA 70, Articles 700 and 701. These requirements apply only to the switching devices and their integral control circuits and do not address additional system level controls needed for the integration into power generation equipment. These devices are not intended to provide compliance with electric utility grid interconnection standards and codes. These requirements apply to completely enclosed interconnection switches and to open type interconnection switches intended for mounting in other equipment such as switchboards or switchgear. The integration of these interconnection switches in other equipment is subject to the requirements of the standard covering the final equipment.

# 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

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## Comment Deadline: March 23, 2025

### IIAR (International Institute of All-Natural Refrigeration)

1001 North Fairfax Street, Alexandria, VA 22314 | tony_lundell@iiar.org, www.iiar.org

***Revision***

BSR/IIAR 5-202x, Standard for Startup of Closed-Circuit Ammonia Refrigeration Systems (revision of ANSI/IIAR 5 -2019)
This standard specifies minimum requirements for the startup of closed-circuit ammonia refrigeration systems.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Tony Lundell <tony_lundell@iiar.org>

### ULSE (UL Standards & Engagement)

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

***New Standard***

BSR/UL 60335-2-79-202x, Standard for Safety for Household and Similar Electrical Appliances - Safety - Part 2 -79: Particular Requirements for High Pressure Cleaners and Steam Cleaners (new standard)
This international standard deals with the safety of high-pressure cleaners for household, industrial and commercial use. These requirements cover portable, stationary, and fixed high-pressure cleaning machines in which the discharge line is hand supported and manipulated, and intended for household, farm or commercial/industrial applications. This Standard also applies to fixed appliances within the above limits, and is also applicable to appliances making use of other forms of energy for the motor, but it is necessary that their influence is taken into consideration.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

# Comment Deadline: March 23, 2025

### ULSE (UL Standards & Engagement)

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

***Revision***

BSR/UL 142-202x, Steel Aboveground Tanks for Flammable and Combustible Liquids (revision of ANSI/UL 142 -2021)
UL 142 is being proposed for revisions including: Addition of Stainless-Steel Pipe to Table 7.1; Inclusion of Alternate Pipe Standards; Clarification of Emergency Venting Requirements; Update Emergency Vent Sizing Definition; Inclusion of Alternate Manway Constructions; Clarification of Maximum Height in Table 9.3; Table 15.3 Correction; Editorial Correction for Table 17.1; Additional Requirements for Vertical Tanks with Low-Sloped Bottoms; Double Walled Horizontal AST; Clarification on Longitudinal Standoff Requirements; Addition of Calculation Option for Accessories Other than Ladders; Revise Pressure Gauge Specification in Hydrostatic Strength Test; Add Calculation Option for Top Load Test; Revision of Marking Section 52.5; and Editorial Corrections.
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 & Engagement)

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

***Revision***

BSR/UL 142A-202x, Special Purpose Aboveground Tanks for Specific Flammable or Combustible Liquids (revision of ANSI/UL 142A-2021)
UL 142A is being proposed for revisions including: Allowance for Reduced Vent Sizing for Tanks Smaller than 60 Gal; Clarification of Venting Requirements; and Editorial Corrections.
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 & Engagement)

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

***Revision***

BSR/UL 644-202x, Standard for Container Assemblies for LP-Gas (revision of ANSI/UL 644-2014 (R2019))
The following changes in requirements are being recirculated for your review: (1) Adding requirements for actuated liquid withdrawal excess-flow valves; (2) Revising Section 11, Filler Valves and Vapor-Return Valves, by adding other valve types as options for container assemblies.
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.comProposalsAvailable

# Comment Deadline: March 23, 2025

**ULSE (UL Standards & Engagement)**

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

***Revision***

BSR/UL 651A-202x, Standard for Safety for Schedule 40 and 80 High Density Polyethylene (HDPE) Conduit (revision of ANSI/UL 651A-2024)
Clarification to Resistance to impact test Clause 7.2.2.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

**ULSE (UL Standards & Engagement)**

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

***Revision***

BSR/UL 1022-202x, Standard for Line Isolation Monitors (revision of ANSI/UL 1022-2012 (R2020))
A proposed revision to UL 1022, Standard for Line Isolation Monitors, which includes the following: (1) Editorial updates.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

**ULSE (UL Standards & Engagement)**

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

***Revision***

BSR/UL 1047-202x, Standard for Isolated Power Systems Equipment (revision of ANSI/UL 1047-2010 (R2020))
A proposed revision to UL 1047, Standard for Isolated Power Systems Equipment, which includes the following: (1) Editorial updates.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

**ULSE (UL Standards & Engagement)**

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

***Revision***

BSR/UL 2075-202X, Standard for Gas and Vapor Detectors and Sensors (revision of ANSI/UL 2075-2023)
ULSE proposes a recirculation to the UL 2075 proposal dated 10-11-24.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

# Comment Deadline: March 23, 2025

### ULSE (UL Standards & Engagement)

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

***Revision***

BSR/UL 3300-202x, Standard for Safety for Service, Communication, Information, Education and Entertainment Robots - SCIEE Robots (revision of ANSI/UL 3300-2024)
The following is being recirculated for your review: (1) Correction of reference to “Labeling”; (2) Clarification of emergency stop; (3) Obstacle-recognition-related testing for artificial intelligence enabled robot; (4) Correction of reference to “Method of Covering Enclosures with Foil for Measurements and Tests”.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

# Comment Deadline: April 7, 2025

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

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

***New Standard***

BSR/AIAA S-155-202x, Rendezvous and Proximity Operations (RPO) and On Orbit Servicing (OOS) - Spacecraft Fiducial Markers (new standard)
This document outlines functional, physical, and operational requirements for fiducial markers used in proximity operations, capture and servicing, including manipulation of in-space assets. It is intended to apply to a broad array of RPO/OOS industry participants from spacecraft equipment manufacturers, spacecraft operators, service providers, developers of RPO/OOS simulation, planning and safety tools, and insurers.
Single copy price: Free
Obtain an electronic copy from: nickt@aiaa.org
Send comments (copy psa@ansi.org) to: Nick Tongson (nickt@aiaa.org)

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

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

***New Standard***

BSR/AIAA S-158-202x, Prepared Free-Flyer Capture and Release (new standard)
This document describes best practices, functional requirements, operational requirements, and norms for the design, testing, and operations of prepared Free-Flyer Capture between Servicing Spacecraft and a Client Space Object. The intent is to ensure safe and reliable operations for prepared in-space capture, and to lay the foundation for future standards for prepared capture interfaces.
Single copy price: Free
Obtain an electronic copy from: nickt@aiaa.org
Send comments (copy psa@ansi.org) to: Nick Tongson (nickt@aiaa.org)

# Comment Deadline: April 7, 2025

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

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

***Addenda***

BSR/ASHRAE Addendum b to ANSI/ASHRAE Standard 90.4-2022, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2022)
Addendum b makes updates and changes to electrical load equipment definitions, including a definition for UPS Redundant Capacity to clarify the fact that UPS efficiency must be based on the total available capacity of the UPS, including its redundant capacity, even though that additional capacity is not intended to be used under normal operating conditions. Informative appendices have also been updated to highlight changes regarding the different build out options data centers typically undergo for design and permitting.
Single copy price: $35.00
Send comments (copy psa@ansi.org) to: 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 Parkway, Peachtree Corners, GA 30092 | cjordan@ashrae.org, www.ashrae.org

***Reaffirmation***

BSR/ASHRAE Standard 41.4-2015 (R202x), Standard Method for Measuring the Proportion of Lubricant (reaffirmation of ANSI/ASHRAE Standard 41.4-2015)
1. PURPOSE. This standard prescribes a method for measuring the proportion of lubricant in liquid refrigerant.
2. SCOPE
2.1 This standard uses the gravimetric method as the primary method, but alternative methods can be used if those methods are calibrated against the primary method.
2.2 This standard does not apply to collected samples that contain less than 0.001 g (0.015 grains) of lubricant.
Single copy price: $35.00
Obtain an electronic copy from: cjordan@ashrae.org
Send comments (copy psa@ansi.org) to: Carl Jordan <cjordan@ashrae.org>

### AWS (American Welding Society)

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

***Revision***

BSR/AWS B2.2/B2.2M-202x, Specification for Brazing Procedure and Performance Qualification (revision of ANSI/AWS B2.2/B2.2M-2016)
This specification provides the requirements for qualification of brazing procedure specifications, brazers, and brazing operators for manual, mechanized, and automatic brazing. The brazing processes included are torch brazing, furnace brazing, diffusion brazing, resistance brazing, dip brazing, infrared brazing, and induction brazing. Base metals, brazing filler metals, brazing fluxes, brazing atmospheres, and brazing joint clearances are also included.
Single copy price: $52.00
Obtain an electronic copy from: jpadron@aws.org
Send comments (copy psa@ansi.org) to: Same

# Comment Deadline: April 7, 2025

### AWWA (American Water Works Association)

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

***Revision***

BSR/AWWA C655-202x, Field Dechlorination (revision of ANSI/AWWA C655-2017)
This standard describes procedures, materials, and requirements for field dechlorination of chlorinated or chloraminated water discharges such as may occur from pipeline disinfection projects, hydrant flow testing, tank or pipeline draining or flushing, or distribution system maintenance flushing programs, when dechlorination is required.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

### BIFMA (Business and Institutional Furniture Manufacturers Association)

678 Front Avenue NW, Suite 150, Grand Rapids, MI 49504 | skooy@bifma.org, www.bifma.org

***Revision***

BSR/BIFMA e3-202X, Furniture Sustainability Standard (revision of ANSI/BIFMA e3-2019 (i23r2))
This standard provides measurable criteria for multiple tiers of sustainability achievement and/or performance. This standard is applicable to all business and institutional furniture; this includes but is not limited to moveable walls, systems furniture, casegoods, tables, seating, and accessories. The standard is also applicable to assemblies and components manufactured by suppliers to furniture manufacturers. However, not all product categories can achieve higher tiers of conformance. If a new product category is in question, it shall be reviewed via the criteria interpretation process.
Single copy price: Free
Obtain an electronic copy from: skooy@bifma.org
Send comments (copy psa@ansi.org) to: Same

### CRSI (Concrete Reinforcing Steel Institute)

933 N Plum Grove Rd, Schaumburg, IL 60173 | nwestin@crsi.org, www.crsi.org

***New Standard***

BSR/CRSI CG1.3-202x, Epoxy Coating Plant: Straight Bar, Custom, and Textured Lines (new standard)
New standard CG1.3 combines two current standards CG1.1 and CG1.2 into a single standard and incorporates requirements for a new textured coating product. CG1.3 covers practices for epoxy-coating of reinforcing steel bars for straight bar lines, custom lines, and textured coated bars. CG1.3 establishes the minimum procedures used to monitor production and assess quality during the application of a coating product to reinforcing steel bars. CG1.3 outlines the minimum requirements for documentation, observation and testing as part of a quality control program.
Single copy price: Free
Obtain an electronic copy from: nwestin@crsi.org
Send comments (copy psa@ansi.org) to: Nathan Westin <nwestin@crsi.org>

# Comment Deadline: April 7, 2025

### CTA (Consumer Technology Association)

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

*New Standard*

BSR/CTA 2127-202x, Performance Characteristics and Requirements for Consumer Pulse Oximetry Monitoring Solutions (new standard)
Specifies terminology and performance requirements related to the measurement of SpO2 in consumer devices.
Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Send comments (copy psa@ansi.org) to: Same

### CTA (Consumer Technology Association)

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

*Revision*

BSR/CTA 2043-B-202x, Set-top Box (STB) Power Measurement (revision of ANSI/CTA 2043-A-2019)
This standard defines procedures for measuring Set-top Box (STB) power consumption.
Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Send comments (copy psa@ansi.org) to: Same

### ECIA (Electronic Components Industry Association)

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

*Reaffirmation*

BSR/EIA 60115-9-2014 (R202x), Fixed resistors for use in electronic equipment - Part 9: Sectional specification: Fixed surface mount resistor networks with individually measurable resistors (reaffirmation of ANSI/EIA 60115-9-2014 (R2019))
This part of IEC 60115 is applicable to fixed surface mount resistor networks with individually measurable resistors for use in electronic equipment.
Single copy price: $114.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: 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 60115-9-1-2014 (R202x), Fixed resistors for use in electronic equipment - Part 9-1: Blank detail specification: Fixed surface mount resistor networks with individually measurable resistors - Assessment level EZ (reaffirmation of ANSI/EIA 60115-9-1-2014 (R2019))
This blank detail specification is a supplementary document to the sectional specification and contains requirements for style, layout and minimum content of detail specifications. Detail specifications not complying with these requirements may not be considered as being in accordance with IEC specifications nor shall they be so described.
Single copy price: $114.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: emikoski@ecianow.org

# Comment Deadline: April 7, 2025

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

***Reaffirmation***

BSR/EIA 60384-15-2020 (R202x), Fixed capacitors for use in electronic equipment - Part 15: Sectional specification: Fixed tantalum capacitors with non-solid or solid electrolyte (reaffirmation of ANSI/EIA 60384-15 -2020)
This part of IEC 60384 applies to through-hole/leaded polar and bipolar tantalum electrolyte capacitors with solid and non-solid electrolyte for use in electronic equipment. It includes capacitors for long-life applications and capacitors for general-purpose applications.
Single copy price: $152.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: 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 60384-18-2017 (R202x), Fixed capacitors for use in electronic equipment - Part 18: Sectional specification - Fixed aluminium electrolytic surface mount capacitors with solid (MnO2) and non-solid electrolyte (reaffirmation of ANSI/EIA 60384-18-2017)
This part of IEC 60384 applies to fixed aluminium electrolytic surface mount capacitors with solid (MnO2) and non-solid 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.
Single copy price: $108.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: 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 60384-26-2020 (R202x), Fixed capacitors for use in electronic equipment - Part 26: Sectional specification - Fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte (reaffirmation of ANSI/EIA 60384-26-2020)
This part of IEC 60384 applies to fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte primarily intended for d.c. applications for use in electronic equipment.
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: April 7, 2025

### ECIA (Electronic Components Industry Association)

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

***Reaffirmation***

BSR/EIA 60384-25-1-2014 (R202x), Fixed capacitors for use in electronic equipment - Part 25-1: Blank detail specification - Surface mount fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte - Assessment level EZ (reaffirmation of ANSI/EIA 60384-25-1-2014 (R2019))
This blank detail specification is a supplementary document to the sectional specification and contains requirements for style, layout, and minimum content of detail specifications. Detail specifications not complying with these requirements may not be considered as being in accordance with IEC specifications nor shall they so be described.
Single copy price: $122.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: 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 60384-26-1-2014 (R202x), Fixed capacitors for use in electronic equipment - Part 26-1: Blank detail specification - Fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte - Assessment level EZ (reaffirmation of ANSI/EIA 60384-26-1-2014 (R2019))
This blank detail specification is a supplementary document to the sectional specification and contains requirements for style, layout, and minimum content of detail specifications. Detail specifications not complying with these requirements may not be considered as being in accordance with IEC specification nor shall they so be described.
Single copy price: $125.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: emikoski@ecianow.org

### ESTA (Entertainment Services and Technology Association)

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

***Revision***

BSR/E1.53-202x, Overhead mounting of luminaires, lighting accessories, and other portable devices: specification and practice (revision of ANSI/E1.53-2019)
This standard covers specifications for the primary and secondary mounting devices for portable stage and studio luminaires and accessories, and for similarly fastened special effects machines. The standard offers guidance on how to properly affix these mounting devices. This revision updates requirements to maintain consistency with manufacturer's recommendations for multiple secondary devices.
Single copy price: Free
Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php
Send comments (copy psa@ansi.org) to: Same

# Comment Deadline: April 7, 2025

### FCI (Fluid Controls Institute)

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

***Revision***

BSR/FCI 4-1-202x, Pressure Regulator Hydrostatistics Shell Test Method (revision of ANSI/FCI 4-1-2014 (R2019))
This standard establishes a method for conducting production hydrostatic testing of pressure regulator shells having bodies, bonnets, casings, and spring cases manufactured from any materials.
Single copy price: Free
Obtain an electronic copy from: fci@fluidcontrolsinstitute.org
Send comments (copy psa@ansi.org) to: Leslie Schraff, fci@fluidcontrolsintititue.org

### ISA (International Society of Automation)

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

***New Standard***

BSR/ISA 75.08.06-202x, Face-to-Face Dimensions for Flanged Globe-Style Control Valve Bodies (Classes 900, 1500, and 2500) (new standard)
The purpose of this document is to aid users in their piping design by providing Classes 900, 1500, and 2500, flanged globe-style control valve dimensions, without giving special consideration to the equipment manufacturer to be used.
Single copy price: $9.00
Obtain an electronic copy from: lfranke@isa.org
Send comments (copy psa@ansi.org) to: lfranke@isa.org

### ISA (International Society of Automation)

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

***New Standard***

BSR/ISA 75.08.07-202x, Face-to-Face Dimensions for Separable Flanged Globe-Style Control Valves (Classes 150, 300, and 600) (new standard)
The purpose of this document is to aid users in their piping design by providing Classes 150, 300, and 600 raised-face separable flanged control valve dimensions without giving special consideration to the equipment manufacturer to be used.
Single copy price: $9.00
Obtain an electronic copy from: lfranke@isa.org
Send comments (copy psa@ansi.org) to: lfranke@isa.org

### ISA (International Society of Automation)

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

***Reaffirmation***

BSR/ISA 75.08.08-2015 (R202x), Face-to-Centerline Dimensions for Flanged Globe-Style Angle Control Valve Bodies (Classes 150, 300, and 600) (reaffirmation of ANSI/ISA 75.08.08-2015)
The purpose of this document is to aid users in their piping design by providing Classes 150, 300, and 600 raised-face flanged globe-style angle control valve face-to-centerline dimensions without giving special considerations to the equipment manufacturer to be used.
Single copy price: $9.00
Obtain an electronic copy from: lfranke@isa.org
Send comments (copy psa@ansi.org) to: Lynne Franke <lfranke@isa.org>

# Comment Deadline: April 7, 2025

### NCMA (National Contract Management Association)

21740 Beaumeade Circle, Suite 125, Ashburn, VA 20147 | jwilkinson@thinc-llc.com, www.ncmahq.org

***Reaffirmation***

BSR/NCMA ASD 1-2019 (R202x), The Contract Management Standard (reaffirmation of ANSI/NCMA ASD 1-2019 (R2022))
The Contract Management Standard (CMS) reflects the combined knowledge of government and commercial buyers and sellers, as well as academicians, regulatory authorities, and consultants. The CMS is intended to be applied by contract managers using the judgment required to adapt to any unique circumstances of the reader. Consequently, the CMS provides guidance to the contract management discipline without restricting technological advancement or freedom to operate. The CMS describes the nature of contract management in terms of the contract management processes created through the integration and interaction of job tasks and competencies, and the purposes they serve.
Single copy price: Free
Obtain an electronic copy from: standards@ncmahq.org
Send comments (copy psa@ansi.org) to: Same

### NECA (National Electrical Contractors Association)

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

***Revision***

BSR/NECA 407-202X, Standard for Installing and Maintaining Panelboards (revision of ANSI/NECA 407-2015)
This Standard describes installation and maintenance procedures for panelboards, and special procedures used for panelboards after adverse operating conditions such as a short-circuit, ground-fault, or immersion in water. This Standard applies to panelboards rated 600 Volts or less, AC and DC, with main disconnects or lugs, and with feeder or branch circuit overcurrent devices. This Standard applies to single panelboards and multi-section panelboards that are installed in the field and used for distributing power for commercial, institutional, and industrial loads in nonhazardous locations both indoors and outdoors.
Single copy price: $30.00 (Members); $60.00 (Non-Members)
Obtain an electronic copy from: jeff.noren@necanet.org
Send comments (copy psa@ansi.org) to: Same

# Comment Deadline: April 7, 2025

### NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

***Revision***

BSR/NFPA 1-202x, Fire Code (revision of ANSI/NFPA 1-2024)
1.1 Scope.
1.1.1 The scope includes, but is not limited to, the following: (1) Inspection of permanent and temporary buildings, processes, equipment, systems, and other fire and related life safety situations; (2) Investigation of fires, explosions, hazardous materials incidents, and other related emergency incidents; (3) Review of construction plans, drawings, and specifications for life safety systems, fire protection systems, access, water supplies, processes, hazardous materials, and other fire and life safety issues; (4) Fire and life safety education of fire brigades, employees, responsible parties, and the general public; (5) Existing occupancies and conditions, the design and construction of new buildings, remodeling of existing buildings, and additions to existing buildings; (6) Design, installation, alteration, modification, construction, maintenance, repairs, servicing, and testing of fire protection systems and equipment; (7) Installation, use, storage, and handling of medical gas systems; (8) Access requirements for fire department operations; (9) Hazards from outside fires in vegetation, trash, building debris, and other materials . . . Full scope is available for review at www.nfpa.org/1

Obtain an electronic copy from: www.nfpa.org/1Next
Send comments (copy psa@ansi.org) to: Same

### SAAMI (Sporting Arms and Ammunition Manufacturers Institute)

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

***New Standard***

BSR/SAAMI Z299.6-202X, Voluntary Industry Performance Standards Criteria for Firearm Sound Suppressors for the Use of Commercial Manufacturers (new standard)
In the interests of interchangeability and safety, this Standard provides dimensional characteristics, evaluation procedures and equipment for use in the design and evaluation of commercial firearm sound suppressors. The tests are structured to demonstrate to the designer of new suppressors that the product will resist abusive mishandling and stresses from expected use.
Single copy price: $35.00 (ANSI Member); $45.00 (Non-Member)
Obtain an electronic copy from: bosowiecki@saami.org
Send comments (copy psa@ansi.org) to: Brian Osowiecki, bosowiecki@saami.org

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

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

***New Standard***

BSR A128.1-202x, Dimensional Stability of Agglomerate Tile, Natural Stone Tile and Non-Ceramic Manufactured Specialty Tiles (new standard)
The dimensional stability (DS) measurement provided in this proposed standard is an evaluation of Agglomerate Tile, Natural Stone Tile, and Non-Ceramic Manufactured Specialty Tiles under exposure to moisture from mortars, adhesives, substrates, or maintenance. These tests assist in selecting adhesive and assembly materials to help avoid tile deformation. Unexpected deformation may result in excessive lippage and/or delamination of the tile within the assembly or from the substrate.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tileusa.com

# Comment Deadline: April 7, 2025

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

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

***Revision***

BSR A108.19-202x, Interior Installation of Gauged Porcelain Tiles and Gauged Porcelain Tile Panels/Slabs by the Thin-Bed Method bonded with Modified Dry-Set Cement Mortar or Improved Modified Dry-Set Cement Mortar (revision of ANSI A108.19-2020)
This specification provides interior installation procedures and requirements for installing gauged porcelain tiles and gauged porcelain tile panels/slabs that meet ANSI A137.3 table 4 for use on floors, walls, and countertops and for installing gauged porcelain tiles and gauged porcelain tile panels/slabs that meet ANSI A137.3 table 5 for use on walls and countertops.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tileusa.com

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

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

***Revision***

BSR A108.20-202x, Exterior Installation of Gauged Porcelain Tiles and Gauged Porcelain Tile Panels/Slabs (revision of ANSI A108.20-2020)
This specification provides exterior installation procedures and requirements for installing vertical and overhead gauged porcelain tiles and gauged porcelain tile panels/slabs that meet ANSI A137.3 tables 4 and 5. For the purposes of this standard, exterior vertical and overhead installations include walls, ceilings, soffits, and facias.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tileusa.com

### ULSE (UL Standards & Engagement)

1603 Orrington Ave, Evanston, IL 60210 | alan.t.mcgrath@ul.org, https://ulse.org/

***National Adoption***

BSR/UL 60335-2-89-202X, Household and Similar Electrical Appliances - Safety - Part 2-89: Particular Requirements for Commercial Refrigerating Appliances and Ice-Makers with an Incorporated or Remote Refrigerant Unit or Motor-Compressor (national adoption of IEC 60335-2-89 with modifications and revision of ANSI/UL 60335-2-89-2021)
Proposed revisions to correct density values in clauses 101.DVU.1.2.2 and 101.DVU.1.2.3 and also to proposed revisions to 22.108DV which covers excessive vibration in appliances using types A2's or A3's refrigerants.
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: https://csds.ul.com/ProposalAvailable

# Comment Deadline: April 7, 2025

### ULSE (UL Standards & Engagement)

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

***Reaffirmation***

BSR/UL 1447-2020 (R202x), UL Standard for Safety for Electric Lawn Mowers (reaffirmation of ANSI/UL 1447 -2020)
Reaffirmation and continuance of the UL Standard for Safety for Electric Lawn Mowers, UL 1447, as an American National Standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx.
Send comments (copy psa@ansi.org) to: https://csds.ul.com/Home/ProposalsDefault.aspx.

### ULSE (UL Standards & Engagement)

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

***Revision***

BSR/UL 1004-3-202x, Standard for Safety for Thermally Protected Motors (revision of ANSI/UL 1004-3-2018 (R2023))
Ballot of the following topics: (1) Addition of Annex A for Motors used in Fans in Unattended Area; (2) Addition of Referenced Publications Section.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

# Comment Deadline: April 22, 2025

### ASME (American Society of Mechanical Engineers)

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

***Revision***

BSR/ASME A17.7/CSA B44.7-202x, Performance-based code for elevators and escalators (revision of ANSI/ASME A17.7/CSA B44.7-2006 (R2022))
This Code covers the design, construction, operation, inspection, testing, maintenance, alteration, and repair of the following equipment and its associated parts, rooms, spaces and hoistways, where located in or adjacent to a building or structure: (a) hoisting and lowering mechanisms, equipped with a car, which move between two or more landings. This equipment includes, but is not limited to elevators (see 1.3); (b) power-driven stairways and walkways for carrying persons between landings. This equipment includes, but is not limited to escalators and moving walks (see 1.3); (c) hoisting and lowering mechanisms equipped with a car which serves two or more landings and is restricted to the carrying of material by its limited size or limited access to the car. This equipment includes, but is not limited to dumbwaiters and material lifts (see 1.3).
Single copy price: Free
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Geraldine Burdeshaw <burdeshawg@asme.org>

# Comment Deadline: April 22, 2025

### ULSE (UL Standards & Engagement)

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

*International Adoption*

BSR/UL 62841-2-19-202x, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-19: Particular Requirements for Hand-Held Jointers (identical national adoption of IEC 62841-2-19)
Proposed adoption of the First Edition of IEC 62841-2-19, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 2-19: Particular Requirements for Hand-Held Jointers, as the First Edition of UL 62841-2-19
Single copy price: Free
Order from: https://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: https://csds.ul.com/Home/ProposalsDefault.aspx.

### ULSE (UL Standards & Engagement)

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

*Revision*

BSR/UL 3100-202x, Standard for Safety for Automated Mobile Platforms (AMPs) (revision of ANSI/UL 3100 -2024)
The following changes in requirements are being proposed for your review: (1) Revision of Section 21, Risk Assessment; (2) Clarify environmental considerations.
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.com/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:

### ECIA (Electronic Components Industry Association)

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

BSR/EIA 575-C-2020 (R202x), Resistors, Thick Film Rectangular SMD on Ceramic (reaffirmation of ANSI/EIA 575-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 575-D-2020 (R202x), Resistors, Thick Film Rectangular SMD on Ceramic (reaffirmation of ANSI/EIA 575-C-2020)
Send comments (copy psa@ansi.org) to: Laura Donohoe <ldonohoe@ecianow.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.

## 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 VVUQ 60.1-2025, Considerations and Questionnaire for Simulation Software Selection (new standard) Final Action Date: 2/12/2025 | *New Standard*

ANSI/ASME/ANS RA-S-1.3-2025, Standard for Radiological Accident Offsite Consequence Analysis (Level 3 PRA) to Support Nuclear Installation Applications (new standard) Final Action Date: 2/12/2025 | *New Standard*

## AWS (American Welding Society)

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

ANSI/AWS B2.1-23-028-2025, Standard Welding Procedure Specification (SWPS) for Gas Metal Arc Welding (Spray Metal Transfer Mode) of Aluminum (M-23/P-23), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER4043 or ER4943, in the As-Welded Condition, Primarily Plate and Structural Applications (new standard) Final Action Date: 2/13/2025 | *New Standard*

ANSI/AWS-NAVSEA B2.1-1-302-2015 (R2025), Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-7018-M, in the As-Welded or PWHT Condition, Primarily Plate and Structural Naval Applications (reaffirmation of ANSI/AWS-NAVSEA B2.1-1-302-2015) Final Action Date: 2/13/2025 | *Reaffirmation*

ANSI/AWS-NAVSEA B2.1-1-312-2015 (R2025), Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-7018-M, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (reaffirmation of ANSI/AWS-NAVSEA B2.1-1-312-2015) Final Action Date: 2/13/2025 | *Reaffirmation*

## CSA (CSA America Standards Inc.)

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

ANSI/CSA HGV 4.1-2020 (R2025), Hydrogen-dispensing systems (reaffirmation of ANSI/CSA HGV 4.1-2020) Final Action Date: 2/12/2025 | *Reaffirmation*

ANSI/CSA HGV 4.9-2020 (R2025), Hydrogen fueling stations (reaffirmation of ANSI/CSA HGV 4.9-2020) Final Action Date: 2/12/2025 | *Reaffirmation*

ANSI/CSA LNG 3.20-2020 (R2025), Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 20: Flexible fuel or vent lines (reaffirmation of ANSI/CSA LNG 3.20-2020) Final Action Date: 2/12/2025 | *Reaffirmation*

ANSI/CSA LNG 4.2-2020 (R2025), Hoses for liquefied natural gas (LNG) dispensing systems for natural gas vehicles (NGV) (reaffirmation of ANSI/CSA LNG 4.2-2020/CSA LNG 4.2-2020) Final Action Date: 2/12/2025 | *Reaffirmation*

ANSI/CSA LNG 4.4-2020 (R2025), Breakaway devices for liquefied natural gas (LNG) dispensing systems for natural gas vehicles (NGV) (reaffirmation of ANSI/CSA LNG 4.4-2020) Final Action Date: 2/12/2025 | *Reaffirmation*

## FCI (Fluid Controls Institute)

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

ANSI/FCI 99-1-2025, Standard for Performance Testing of Secondary Pressure Drainers (revision of ANSI/FCI 99-1 -2020) Final Action Date: 2/11/2025 | *Revision*

## IEEE (Institute of Electrical and Electronics Engineers)

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

ANSI/IEEE 303-2025, Recommended Practice for Auxiliary Devices for Rotating Electrical Machines in Class I, Division 2 and Zone 2 Locations and Class II, Division 2 and Zone 22 Locations (new standard) Final Action Date: 2/12/2025 | *New Standard*

ANSI/IEEE C37.90.3-2025, Standard for Electrostatic Discharge Tests for Protective Relays (new standard) Final Action Date: 2/11/2025 | *New Standard*

ANSI/IEEE 11073-10417-2025, Standard for Health Informatics - Device Interoperability Part 10417: Personal Health Device Communication - Device Specialization - Glucose Meter (revision of ANSI/IEEE 11073-10417-2015) Final Action Date: 2/13/2025 | *Revision*

## IES (Illuminating Engineering Society)

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

ANSI/IES TM-39-24 2025, Technical Memorandum: Quantification and Specification of Flicker (new standard) Final Action Date: 2/12/2025 | *New Standard*

ANSI/IES LS-5-25-2025, Lighting Science: Color (revision of ANSI/IES LS-5-21) Final Action Date: 2/13/2025 | *Revision*

ANSI/IES RP-8-25-2025, Recommended Practice: Design and Maintenance of Roadway and Parking Facility Lighting (revision of ANSI/IES RP-8-22) Final Action Date: 2/12/2025 | *Revision*

## ISA (International Society of Automation)

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

ANSI/ISA 95.00.01 (IEC 62264-1 Mod)-2025, Enterprise - Control System Integration - Part 1: Models and Terminology (national adoption of IEC 62264-1 with modifications and revision of ANSI/ISA 95.00.01 (IEC 62264-1 Modified)-2010) Final Action Date: 2/12/2025 | *National Adoption*

## NEMA (ASC C12) (National Electrical Manufacturers Association)

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

ANSI C12/IEC 62056-8-8 ED1-2025, Electricity metering data exchange - The DLMS/COSEM suite - Part 8-8: Communication profile for ISO/IEC 14908 series networks (identical national adoption of IEC 62056-8-8:2020) Final Action Date: 2/11/2025 | *National Adoption*

## NEMA (ASC C8) (National Electrical Manufacturers Association)

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

ANSI ICEA P-32-382-2025, Short Circuit Characteristics of Insulated Cables (revision of ANSI ICEA P-32-382-2006 (R2018)) Final Action Date: 2/11/2025 | *Revision*

## NSF (NSF International)

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

ANSI/NSF 14-2024 (i148r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2023) Final Action Date: 2/11/2025 | *Revision*

ANSI/NSF 14-2024 (i149r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2023) Final Action Date: 2/7/2025 | *Revision*

## NSF (NSF International)

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

ANSI/NSF 14-2024 (i150r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2023) Final Action Date: 2/10/2025 | *Revision*

ANSI/NSF 53-2024 (i162r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2023) Final Action Date: 2/12/2025 | *Revision*

## PDA (Parenteral Drug Association)

Bethesda Towers, 4350 East-West Highway, Suite 600, Bethesda, MD 20814 | roberts@pda.org, www.pda.org

ANSI/PDA Standard 06-2025, Assessment of Quality Culture Guidance Documents, Models, and Tools (new standard) Final Action Date: 2/13/2025 | *New Standard*

## RESNET (Residential Energy Services Network, Inc.)

P.O. Box 4561, Oceanside, CA 92052 | rick.dixon@resnet.us, www.resnet.us.com

ANSI/RESNET/ACCA/ICC 310-2025, Standard for Grading the Installation of HVAC Systems (revision of ANSI/RESNET/ACCA/ICC 310-2020) Final Action Date: 2/11/2025 | *Revision*

## TIA (Telecommunications Industry Association)

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

ANSI/TIA 623.31-2025, Adoption of IEC 61755-3-31: Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 3-31: Connector parameters of non-dispersion shifted single mode physically contacting fibres - Angled polyphenylene sulphide rectangular ferrules as ANSI/TIA 623.31 (identical national adoption of IEC 61755-3-31) Final Action Date: 2/11/2025 | *National Adoption*

## ULSE (UL Standards & Engagement)

100 Queen Street, Suite 1040, Ottawa, Canada, ON | Jacob.Stewart@ul.org, https://ulse.org/

ANSI/UL 12402-4-2025, Standard for Personal Flotation Devices - Part 4: Lifejackets, Performance Level 100 - Safety Requirements (national adoption of ISO 12402-4 with modifications and revision of ANSI/UL 12402-4-2020) Final Action Date: 2/5/2025 | *National Adoption*

ANSI/UL 1487-2025, Standard for Batter Containment Enclosures (new standard) Final Action Date: 2/10/2025 | *New Standard*

ANSI/UL 1641-2020 (R2025), Standard for Safety for Installation and Classification of Residential Burglar Alarm Systems (reaffirmation of ANSI/UL 1641-2020) Final Action Date: 2/10/2025 | *Reaffirmation*

ANSI/UL 20-2025, Standard for General-Use Snap Switches (revision of ANSI/UL 20-2023) Final Action Date: 1/31/2025 | *Revision*

ANSI/UL 154-2025, Standard for Carbon-Dioxide Fire Extinguishers (revision of ANSI/UL 154-2021) Final Action Date: 2/5/2025 | *Revision*

ANSI/UL 783-2025, Standard for Safety for Electric Flashlights and Lanterns for Hazardous Locations (revision of ANSI/UL 783-2003 (R2020)) Final Action Date: 2/10/2025 | *Revision*

ANSI/UL 924-2025, Standard for Safety for Emergency Lighting and Power Equipment (revision of ANSI/UL 924-2022) Final Action Date: 2/12/2025 | *Revision*

ANSI/UL 1574-2025, Standard for Safety for Track Lighting Systems (revision of ANSI/UL 1574-2023) Final Action Date: 2/7/2025 | *Revision*

## ULSE (UL Standards & Engagement)

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

ANSI/UL 2129-2025, Standard for Halocarbon Clean Agent Fire Extinguishers (revision of ANSI/UL 2129-2021) Final Action Date: 2/10/2025 | *Revision*

ANSI/UL 2267-2025, The Standard for Fuel Cell Power Systems for Installation in Industrial Electric Trucks (revision of ANSI/UL 2267-2020) Final Action Date: 2/12/2025 | *Revision*

# Call for Members (ANS Consensus Bodies)

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

## ANSI Accredited Standards Developer

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

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

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

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

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

## ANSI Accredited Standards Developer

### SCTE (Society of Cable Telecommunications Engineers)

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

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

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

BSR/AIAA S-155-202x, Rendezvous and Proximity Operations (RPO) and On Orbit Servicing (OOS) - Spacecraft Fiducial Markers (new standard)

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

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

BSR/AIAA S-158-202x, Prepared Free-Flyer Capture and Release (new standard)

### ASA (ASC S12) (Acoustical Society of America)

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

BSR ASA S12.7-202x, Methods for measurement of impulsive sounds (revision of ANSI ASA S12.7-1986 (R2024))

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

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

BSR/ASABE/SEIA S669 MONYEAR-202x, Terminology and Definitions for Agrivoltaics (new standard)

### ASSP (ASC A10) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 | TFisher@ASSP.org, www.assp.org

BSR/ASSP A10.2-203X-202x, Safety, Health and Environmental Training for Construction and Demolition Operations (revision and redesignation of ANSI/ASSP A10.2-2025)

### AWS (American Welding Society)

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

BSR/AWS D15.1/D15.1M-202x, Railroad Welding Specification for Cars and Locomotives (revision of ANSI/AWS D15.1/D15.1M-2024)

### CEMA (Conveyor Equipment Manufacturers Association)

27400 Riverview Center Blvd, Suite 2, Bonita Springs, FL 34134 | NAYLU@CEMAnet.org, www.cemanet.org

BSR/CEMA Standard No. 300-202x, Screw Conveyor Dimensional Standards (revision of ANSI/CEMA Standard No. 300-2021)

### CEMA (Conveyor Equipment Manufacturers Association)

27400 Riverview Center Blvd, Suite 2, Bonita Springs, FL 34134 | NAYLU@CEMAnet.org, www.cemanet.org

BSR/CEMA Standard No. 350-2021 (R202x), Screw Conveyor for Bulk Materials (reaffirmation of ANSI/CEMA Standard No. 350-2021)

### CEMA (Conveyor Equipment Manufacturers Association)

27400 Riverview Center Blvd, Suite 2, Bonita Springs, FL 34134 | NAYLU@CEMAnet.org, www.cemanet.org

BSR/CEMA Standard No. 401-202x, Roller Conveyors - Non-Powered (revision of ANSI/CEMA Standard No. 401 -2020)

### CEMA (Conveyor Equipment Manufacturers Association)

27400 Riverview Center Blvd, Suite 2, Bonita Springs, FL 34134 | NAYLU@CEMAnet.org, www.cemanet.org

BSR/CEMA Standard No. 402 (R202x), Belt Conveyors (reaffirmation of ANSI/CEMA Standard No. 402-2003 (R2020))

### CEMA (Conveyor Equipment Manufacturers Association)

27400 Riverview Center Blvd, Suite 2, Bonita Springs, FL 34134 | NAYLU@CEMAnet.org, www.cemanet.org

BSR/CEMA Standard No. 403 (R202x), Belt-Driven Live Roller Conveyors (reaffirmation of ANSI/CEMA Standard No. 403-2003 (R2020))

### CEMA (Conveyor Equipment Manufacturers Association)

27400 Riverview Center Blvd, Suite 2, Bonita Springs, FL 34134 | NAYLU@CEMAnet.org, www.cemanet.org

BSR/CEMA Standard No. 404 (R202x), Chain Driven Live Roller Conveyors (reaffirmation of ANSI/CEMA Standard No. 404-2003 (R2020))

### CEMA (Conveyor Equipment Manufacturers Association)

27400 Riverview Center Blvd, Suite 2, Bonita Springs, FL 34134 | NAYLU@CEMAnet.org, www.cemanet.org

BSR/CEMA Standard No. 405 (R202x), Slat Conveyors (reaffirmation of ANSI/CEMA Standard No. 405-2003 (R2020))

### CEMA (Conveyor Equipment Manufacturers Association)

27400 Riverview Center Blvd, Suite 2, Bonita Springs, FL 34134 | NAYLU@CEMAnet.org, www.cemanet.org

BSR/CEMA Standard No. 406-202x, Lineshaft Driven Live Roller Conveyors (revision of ANSI/CEMA Standard No. 406-2020)

### CEMA (Conveyor Equipment Manufacturers Association)

27400 Riverview Center Blvd, Suite 2, Bonita Springs, FL 34134 | NAYLU@CEMAnet.org, www.cemanet.org

BSR/CEMA Standard No. 407 (R202x), Motor Driven Live Roller (MDR) Conveyors (reaffirmation of ANSI/CEMA Standard 407-2019)

### CEMA (Conveyor Equipment Manufacturers Association)

27400 Riverview Center Blvd, Suite 2, Bonita Springs, FL 34134 | NAYLU@CEMAnet.org, www.cemanet.org

BSR/CEMA Standard No. 550-202x, Classification and Definitions of Bulk Materials (revision of ANSI/CEMA Standard No. 550-2020)

### CTA (Consumer Technology Association)

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

BSR/CTA 2043-B-202x, Set-top Box (STB) Power Measurement (revision of ANSI/CTA 2043-A-2019)
Interest Categories: CTA is seeking new members to join the consensus body. CTA and the R4 Audio and Video Systems Committee are particularly interested in adding new members (called “users” who acquire video products from those who create them) as well as those with a general interest.

### CTA (Consumer Technology Association)

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

BSR/CTA 2127-202x, Performance Characteristics and Requirements for Consumer Pulse Oximetry Monitoring Solutions (new standard)
Interest Categories: CTA is seeking new members to join the consensus body. CTA and the R11 Health, Fitness & Wellness Committee are particularly interested in adding new members (called “users”) who acquire health, fitness and wellness products. from those who create them, and in adding new members who neither produce nor use health, fitness or wellness products, and others (called members with a “general interest”).

### ECIA (Electronic Components Industry Association)

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

BSR/EIA 797-2014 (R202x), Aluminum-Electrolytic Capacitor Application Guideline (reaffirmation of ANSI/EIA 797 -2014 (R2020))

### 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 60115-8-202x, Fixed resistors for use in electronic equipment - Part 8: Sectional specification: Fixed surface mount resistors (identical national adoption of IEC 60115-8:2023 and revision of ANSI/EIA 60115-8 ed. 2.0 -2014 (R2019))

### ECIA (Electronic Components Industry Association)

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

BSR/EIA 60115-9-2014 (R202x), Fixed resistors for use in electronic equipment - Part 9: Sectional specification: Fixed surface mount resistor networks with individually measurable resistors (reaffirmation of ANSI/EIA 60115-9 -2014 (R2019))

### ECIA (Electronic Components Industry Association)

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

BSR/EIA 60115-9-1-2014 (R202x), Fixed resistors for use in electronic equipment - Part 9-1: Blank detail specification: Fixed surface mount resistor networks with individually measurable resistors - Assessment level EZ (reaffirmation of ANSI/EIA 60115-9-1-2014 (R2019))

### ECIA (Electronic Components Industry Association)

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

BSR/EIA 60384-21-2024, Fixed capacitors for use in electronic equipment - Part 21: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1 (identical national adoption of IEC 60384 -21:2024 and revision of ANSI/EIA 60384-21-2020)

### ECIA (Electronic Components Industry Association)

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

BSR/EIA 60384-22-2024, Fixed capacitors for use in electronic equipment - Part 22: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2 (identical national adoption of IEC 60384 -22:2024 and revision of ANSI/EIA 60384-22-2020)

### ECIA (Electronic Components Industry Association)

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

BSR/EIA 60384-15-2020 (R202x), Fixed capacitors for use in electronic equipment - Part 15: Sectional specification: Fixed tantalum capacitors with non-solid or solid electrolyte (reaffirmation of ANSI/EIA 60384-15 -2020)

### ECIA (Electronic Components Industry Association)

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

BSR/EIA 60384-18-2017 (R202x), Fixed capacitors for use in electronic equipment - Part 18: Sectional specification - Fixed aluminium electrolytic surface mount capacitors with solid (MnO2) and non-solid electrolyte (reaffirmation of ANSI/EIA 60384-18-2017)

### ECIA (Electronic Components Industry Association)

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

BSR/EIA 60384-26-2020 (R202x), Fixed capacitors for use in electronic equipment - Part 26: Sectional specification - Fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte (reaffirmation of ANSI/EIA 60384-26-2020)

### ECIA (Electronic Components Industry Association)

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

BSR/EIA 60384-25-1-2014 (R202x), Fixed capacitors for use in electronic equipment - Part 25-1: Blank detail specification - Surface mount fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte - Assessment level EZ (reaffirmation of ANSI/EIA 60384-25-1-2014 (R2019))

### ECIA (Electronic Components Industry Association)

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

BSR/EIA 60384-26-1-2014 (R202x), Fixed capacitors for use in electronic equipment - Part 26-1: Blank detail specification - Fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte - Assessment level EZ (reaffirmation of ANSI/EIA 60384-26-1-2014 (R2019))

### ECIA (Electronic Components Industry Association)

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

BSR/IEC 60115-8-202x, Fixed resistors for use in electronic equipment - Part 8: Sectional specification: Fixed surface mount resistors (identical national adoption of IEC 60115-8:2023 and revision of ANSI/EIA 60115-8 ed. 2.0 -2014 (R2019))

### ECIA (Electronic Components Industry Association)

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

BSR/IEC 60384-21-2024, Fixed capacitors for use in electronic equipment - Part 21: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1 (identical national adoption of IEC 60384 -21:2024 and revision of ANSI/EIA 60384-21-2020)

### ECIA (Electronic Components Industry Association)

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

BSR/IEC 60384-22-2024, Fixed capacitors for use in electronic equipment - Part 22: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2 (identical national adoption of IEC 60384 -22:2024 and revision of ANSI/EIA 60384-22-2020)

### ESTA (Entertainment Services and Technology Association)

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

BSR/E1.6-2-202x, Design, Inspection, and Maintenance of Electric Chain Hoists for the Entertainment Industry (revision of ANSI E1.6-2-2020)

### ESTA (Entertainment Services and Technology Association)

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

BSR/E1.47-202x, Recommended Guidelines for Entertainment Rigging System Inspections (revision of ANSI/E1.47 -2020)

### ESTA (Entertainment Services and Technology Association)

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

BSR/E1.53-202x, Overhead mounting of luminaires, lighting accessories, and other portable devices: specification and practice (revision of ANSI/E1.53-2019)
Interest Categories: The electrical Power Working Group seeks voting participants in the following interest categories: Custom market producer; Designer; Dealer or rental company; General interest. Interested parties may inquire at standards@esta.org.

### FCI (Fluid Controls Institute)

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

BSR/FCI 4-1-202x, Pressure Regulator Hydrostatistics Shell Test Method (revision of ANSI/FCI 4-1-2014 (R2019))

### ISA (International Society of Automation)

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

BSR/ISA 75.08.06-202x, Face-to-Face Dimensions for Flanged Globe-Style Control Valve Bodies (Classes 900, 1500, and 2500) (new standard)

### ISA (International Society of Automation)

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

BSR/ISA 75.08.07-202x, Face-to-Face Dimensions for Separable Flanged Globe-Style Control Valves (Classes 150, 300, and 600) (new standard)

## ISA (International Society of Automation)

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

BSR/ISA 75.08.08-2015 (R202x), Face-to-Centerline Dimensions for Flanged Globe-Style Angle Control Valve Bodies (Classes 150, 300, and 600) (reaffirmation of ANSI/ISA 75.08.08-2015)

## OPEI (Outdoor Power Equipment Institute)

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

BSR/OPEI B71.7-2018 (R202x), Powered Consumer Ram-Type Log Splitters -- Safety Specifications (reaffirmation of ANSI/OPEI B71.7-2018)

## ULSE (UL Standards & Engagement)

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

BSR/UL 142-202x, Steel Aboveground Tanks for Flammable and Combustible Liquids (revision of ANSI/UL 142 -2021)

## ULSE (UL Standards & Engagement)

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

BSR/UL 142A-202x, Special Purpose Aboveground Tanks for Specific Flammable or Combustible Liquids (revision of ANSI/UL 142A-2021)

# American National Standards (ANS) Announcements

Clarification of Scope for BSR/RESNA GFS-1-202x, Ground and Floor Surfacing Standard (new standard). Public Review Period: 2/7/2025 - 3/24/2025

## Clarification of scope

### RESNA - Rehabilitation Engineering and Assistive Technology Society of North America

**BSR/RESNA GFS-1-202x**

RESNA would like to clarify that only Section 1 is available for public comment. Section 1 consists of specifications for a portable test method to measure firmness and stability of all indoor and outdoor ground and floor surface types during product development, upon installation, and when evaluating accessible routes. The test method allows for measuring surfaces upon installation to evaluate the firmness and stability of the surface as installed and over the maintenance lifecycle of the surface.

While we are still reviewing the scope for the rest of GFS-1 and Section 2, they will give guidance for measuring firmness and stability using a portable instrumented surface indenter. In the future, additional test methods will be pursued to measure other surface characteristics related to accessibility for people with disabilities.

Questions: Kennedy Smith, technicalstandards@resna.org

## Corrections

### NFPA - National Fire Protection Association

**BSR/NFPA 502-202x**

BSR/NFPA 770-202x, published in ANSI Standards Action on 2/14/2025, inadvertently contained a typographical error in the designation. The correct designation is BSR/NFPA 502-202x. The comment period ends March 31, 2025. Please direct inquiries to: Dawn Michele Bellis <dbellis@nfpa.org

NFPA (National Fire Protection Association)
Revision
BSR/NFPA 502-202x, Standard for Road Tunnels, Bridges, and Other Limited Access Highways (revision of ANSI/NFPA 502-2023)
This standard provides fire protection and fire-life safety requirements for limited access highways, road tunnels, bridges, elevated highways, depressed highways, and roadways that are located beneath air-right structures. This standard establishes minimum requirements for each of the identified facilities. This standard does not apply to the following structures: (1) Parking garages (2) Bus terminals (3) Truck terminals (4) Any other structure in which motor vehicles are stored, repaired, maintained, or parked
Single copy price: Free
Obtain an electronic copy from: www.nfpa.org/502Next
Order from: www.nfpa.org/502Next
Send comments (copy psa@ansi.org) to: www.nfpa.org/502Next

Please direct inquiries to: Dawn Michele Bellis <dbellis@nfpa.org>

# American National Standards (ANS) Announcements

## Transfer of ANS Maintenance by an ANSI Accredited Standards Developer

### Steel Deck Institute (SDI) Transfer of ANS to Metal Building Manufacturers Association (MBMA)

**Effective February 5, 2025**

• ANSI/SDI AISI S901-17 (R2024) Test Standard for Determining the Rotational-Lateral Stiffness of Beam-to-Panel Assemblies
• ANSI/SDI AISI S906-17 (R2024) Test Standard for Determining the Load-Carrying Strength of Panels and Anchor-to-Panel Attachments for Roof or Siding Systems Tested in Accordance with ASTM E1592
• ANSI/SDI AISI S908-17 (R2024) Test Standard for Determining the Flexural Strength Reduction Factor of Purlins Supporting a Standing Seam Roof System
• ANSI/SDI AISI S912-24 Test Standard for Determining the Strength of a Roof Panel-to-Purlin-to-Anchorage Device Connection

Please forward any questions related to this action to: Vincent E. Sagan, PE, Director of Codes & Standards, Metal Building Manufacturers Association, 1300 Sumner Avenue, Cleveland, OH 44115-2851; phone: (216) 343-1275; email: vsagan@mbma.com

# American National Standards (ANS) Process

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

## Where to find Procedures, Guidance, Interpretations and More…

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

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

www.ansi.org/essentialrequirements

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

www.ansi.org/standardsaction

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

www.ansi.org/sdoaccreditation

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

www.ansi.org/asd

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

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

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

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

# Accreditation Announcements (Standards Developers)

## Approval of Accreditation – ASD

### CfOC - Center for Offsite Construction, School of Architecture and Design, New York Institute of Technology

**Effective February 11, 2025**

ANSI's Executive Standards Council has approved **CfOC - Center for Offsite Construction, School of Architecture and Design, New York Institute of Technology** as an ANSI Accredited Standards Developer (ASD) under its proposed operating procedures for documenting consensus on CfOC -sponsored American National Standards, effective **February 11, 2025**. For additional information, please contact: Matthew Ford, Center for Offsite Construction, School of Architecture and Design, New York Institute of Technology (CfOC) | 1855 Broadway, New York, NY 10023 | (646) 273 -6074, mford05@nyit.edu

## Approval of Accreditation – ASD

### DHI - The Door and Hardware Institute

**Effective February 11, 2025**

ANSI's Executive Standards Council has approved **DHI - The Door and Hardware Institute** as an ANSI Accredited Standards Developer (ASD) under its proposed operating procedures for documenting consensus on DHI -sponsored American National Standards, effective **February 11, 2025**. For additional information, please contact: Tom Seidel, The Door and Hardware Institute (DHI) | 2001 K Street NW, 3rd Floor North, Washington, DC 20006 | (202) 367-2396 2396, tseidel@dhi.org

## Approval of Reaccreditation – ASD

### CTA - Consumer Technology Association

**Effective February 13, 2025**

The reaccreditation of **CTA - Consumer Technology Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on CTA-sponsored American National Standards, effective **February 13, 2025**. For additional information, please contact: Kerri Haresign, Consumer Technology Association (CTA) | 1919 South Eads Street, Arlington, VA 22202 | (703) 907-5267, KHaresign@cta.tech

## Public Review of Revised ASD Scope

### CPA - Composite Panel Association

**Comment on Scope Deadline: March 24, 2025**

The **CPA - Composite Panel Association** has submitted revisions to its scope of accreditation on file with ANSI. The updated scope statement is:

Product standards for particleboard and medium density fiberboard; hardboard, engineered wood siding and engineered wood trim

For additional information or to submit comments, please contact: Gary Heroux, Composite Panel Association (CPA) | 19465 Deerfield Avenue, Suite 306, Leesburg, VA 20176 | (301) 606-6740, gheroux@cpamail.org by **March 24, 2025**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org)

# Meeting Notices (Standards Developers)

## ANSI Accredited Standards Developer

### A3 - Association for Advancing Automation

**February 2025**

**Meeting Details:**

The following meetings of the A3 - Association for Advancing Automation will be held as follows.
**Meeting Format:** In-person Meeting, with virtual connection if possible
**Location:** Sheraton Ann Arbor Hotel, 3200 Boardwalk Dr, Ann Arbor, MI 48108
**Meeting Host/Sponsor:** A3
**Local Time Zone:** Eastern Time (ET)

**ANSI-Accredited Standards Committees:** Joint meeting of **R15.06, Industrial Robot Safety**, and **R15.08, Industrial Mobile Robot Safety**, together with our Canadian colleagues on **CSA Z434, Safety of Industrial Robots & Robot Systems**
**Purpose:** Work on Part 3s, developed cooperatively; briefly, discuss plan for U.S. and Canadian national adoptions of the new 10218 Parts 1 and 2 (2025 editions)
**Day/Date/Time:** Monday, Feb 24, 2025, 1:00 PM – Wednesday, Feb 26, 2025, 5:00 PM (ET)

**ANSI-Accredited Standards Committee: R15.06, Industrial Robot Safety**
**Purpose:** Gain full committee input on TR 1006
**Day/Date/Time:** Thursday, Feb 27, 2025, 8:30 AM – 12:00 Noon (ET)

**ANSI-Accredited Standards Committee: U.S. TAG to ISO TC 299, Robotics**
**Purpose:** Discuss aspects of TAG governance; prepare for June 2025 Plenary of TC 299
**Day/Date/Time:** Thursday, Feb 27, 2025, 1:30 PM - 5:00 PM (ET)

**ANSI-Accredited Standards Committee: R15 Standards Approval Committee (SAC)**
**Purpose:** Discuss updates to the R15 Procedures, and planned standards to be balloted in 2024
**Day/Date/Time:** Friday, Feb 28, 2025, 8:30 AM – 12:00 Noon (ET)

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

# American National Standards Under Continuous Maintenance

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

AARST (American Association of Radon Scientists and Technologists)

AGA (American Gas Association)

AGSC (Auto Glass Safety Council)

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ASME (American Society of Mechanical Engineers)

ASTM (ASTM International)

GBI (Green Building Initiative)

HL7 (Health Level Seven)

Home Innovation (Home Innovation Research Labs)

IES (Illuminating Engineering Society)

ITI (InterNational Committee for Information Technology Standards)

MHI (Material Handling Industry)

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

NCPDP (National Council for Prescription Drug Programs)

NEMA (National Electrical Manufacturers Association)

NFRC (National Fenestration Rating Council)

NISO (National Information Standards Organization)

NSF (NSF International)

PHTA (Pool and Hot Tub Alliance)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

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

# ANSI-Accredited Standards Developers (ASD) Contacts

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

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

Teresa Ambrosius
tambrosius@aafs.org

**AIAA**
American Institute of Aeronautics and Astronautics
12700 Sunrise Valley Drive, Suite 200
Reston, VA 20191
www.aiaa.org

Nick Tongson
NickT@aiaa.org

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

Kathryn Murdoch
kmurdoch@ans.org

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

Raegan Ripley
standards@acousticalsociety.org

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

Britni Wall
wall@asabe.org

**ASHRAE**
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
180 Technology Parkway
Peachtree Corners, GA 30092
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Carl Jordan
cjordan@ashrae.org

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

Terrell Henry
ansibox@asme.org

**ASSP (Safety)**
American Society of Safety Professionals
520 N. Northwest Highway
Park Ridge, IL 60068
www.assp.org

Tim Fisher
TFisher@ASSP.org

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

Lauren Daly
accreditation@astm.org

**AWS**
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# ISO & IEC Draft International Standards

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

**COMMENTS**

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

Those regarding IEC documents should be sent to the USNC/IEC team at ANSI's New York offices (usnc@ansi.org). The final date for offering comments is listed after each draft.

**ORDERING INSTRUCTIONS**

ISO and IEC Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO or IEC Draft to Customer Service at sales@ansi.org. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

## ISO Standards

### Additive manufacturing (TC 261)

ISO/ASTM DIS 52969, Additive manufacturing of metals - Non-destructive testing and evaluation - Classification of imperfections in DED parts - 5/8/2025, $82.00

### Ageing societies (TC 314)

ISO/DIS 25557, Care quality for older persons at home and in care facilities - 5/3/2025, $155.00

### Agricultural food products (TC 34)

ISO/DIS 24914, Microbiology of the food chain - Loop-mediated isothermal amplification (LAMP) for the detection of microorganisms and associated genetic markers - General requirements and definitions - 5/8/2025, $67.00

### Dentistry (TC 106)

ISO 8325:2023/DAmd 1, - Amendment 1: Dentistry - Test methods for rotary instruments - Amendment 1 - 5/4/2025, $29.00

ISO/DIS 18739, Dentistry - Vocabulary of process chain for CAD/CAM systems - 5/3/2025, $67.00

### Equipment for fire protection and fire fighting (TC 21)

ISO/DIS 3941, Classification of fires - 5/2/2025, $29.00

### Ergonomics (TC 159)

ISO/DIS 14505-1, Ergonomics of the thermal environment - Evaluation of thermal environments in vehicles - Part 1: Principles and methods for assessment of thermal stress - 5/3/2025, $53.00

### Fasteners (TC 2)

ISO/DIS 4026, Fasteners - Hexagon socket set screws with flat point - 5/9/2025, $40.00

ISO/DIS 4029, Fasteners - Hexagon socket set screws with cup point - 5/8/2025, $46.00

ISO/DIS 8739.2, Fasteners - Parallel grooved pins, with pilot point - Full-length diamond grooves - 12/21/2023, $40.00

### Ferrous metal pipes and metallic fittings (TC 5)

ISO/DIS 24131-4, Internal protection by polymeric lining for ductile iron pipes - Requirements and test methods - Part 4: ceramic epoxy lining - 5/3/2025, $58.00

### Fine ceramics (TC 206)

ISO/DIS 10820, Fine ceramics (advanced ceramics, advanced technical ceramics) - Ultraviolet irradiation equipment using UV-A LEDs and optical radiometry for performance test of semiconducting photocatalytic materials - 5/3/2025, $58.00

### Gas cylinders (TC 58)

ISO/DIS 19016.2, Gas cylinders - Cylinders and tubes of composite construction - Modal acoustic emission (MAE) testing for periodic inspection and testing - 2/23/2025, $98.00

### Graphical symbols (TC 145)

ISO/DIS 22578, Graphical symbols - Safety colours and safety signs - Natural disaster safety way guidance system - 5/5/2025, $107.00

### Health Informatics (TC 215)

ISO/DIS 16791, Health informatics - Requirements for international machine-readable coding of medicinal product package identifiers - 5/5/2025, $107.00

**Industrial automation systems and integration (TC 184)**

ISO/DIS 21175-1, Automation systems and integration - Collaboration Environment Requirements of Simulation on Different Manufacturing Platforms - Part 1: Reference Model and Process - 5/1/2025, $98.00

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

ISO/DIS 25640, Respiratory equipment - Breathing apparatus performance requirements for diving and hyperbaric applications - 5/8/2025, $93.00

**Mechanical testing of metals (TC 164)**

ISO/DIS 16630, Metallic materials - Sheet and strip - Hole expanding test - 5/3/2025, $46.00

**Nuclear energy (TC 85)**

ISO 7195:2020/DAmd 1, - Amendment 1: Nuclear energy - Packagings for the transport of uranium hexafluoride (UF6) - Amendment 1: Welded version and new type of valve for 1S and 2S cylinders - 5/9/2025, $58.00

**Optics and optical instruments (TC 172)**

ISO/DIS 11979-1.2, Ophthalmic implants - Intraocular lenses - Part 1: Vocabulary - 9/22/2024, $53.00

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

ISO/DIS 4259-1, Petroleum and related products - Precision of measurement methods and results - Part 1: Determination of precision data in relation to methods of test - 5/2/2025, $146.00

ISO/DIS 4259-2, Petroleum and related products - Precision of measurement methods and results - Part 2: Interpretation and application of precision data in relation to methods of test - 5/2/2025, $82.00

**Photography (TC 42)**

ISO/DIS 1008, Photography - Unprocessed photographic papers - Sheet dimensions - 5/3/2025, $40.00

**Powder metallurgy (TC 119)**

ISO/DIS 4491-3, Metallic powders - Determination of oxygen content by reduction methods - Part 3: Hydrogen-reducible oxygen - 5/1/2025, $53.00

**Quality management and quality assurance (TC 176)**

ISO/DIS 9000, Quality management - Fundamentals and vocabulary - 5/4/2025, $146.00

**Refrigeration (TC 86)**

ISO/DIS 24499, Method of test for burning velocity measurement of A2L flammable gases - 5/5/2025, $93.00

**Road vehicles (TC 22)**

ISO 3842:2006/DAmd 1, - Amendment 1: Road vehicles - Fifth wheels - Interchangeability - Amendment 1 - 5/8/2025, $29.00

ISO/DIS 4106, Motorcycles - Engine test code - Net power - 5/8/2025, $82.00

ISO/DIS 21042, Gasoline engines with direct fuel injection (GDI engines) - Installation of the high pressure fuel pump to the engine - 5/8/2025, $40.00

**Rubber and rubber products (TC 45)**

ISO/DIS 16959, Natural rubber latex concentrate - Determination of zinc oxide viscosity (ZOV) - 5/3/2025, $46.00

**Solid mineral fuels (TC 27)**

ISO/DIS 23499, Coal - Determination of bulk density of coal as it is handled in industrial practices - 5/9/2025, $58.00

**Textiles (TC 38)**

ISO/DIS 1139, Textiles - Designation of yarns - 5/4/2025, $53.00

**Tractors and machinery for agriculture and forestry (TC 23)**

ISO/DIS 11783-3, Tractors and machinery for agriculture and forestry - Serial control and communications data network - Part 3: Data link layer - 5/9/2025, $125.00

**Traditional Chinese medicine (TC 249)**

ISO/DIS 18977, Traditional Chinese medicine - Minimum requirements for herbal dispensing services - 5/3/2025, $58.00

ISO/DIS 21590, Traditional Chinese medicine - Crocus sativus stigma - 5/8/2025, $53.00

ISO/DIS 21756, Traditional Chinese medicine - Salvia miltiorrhiza root and rhizome aqueous extract granules - 5/8/2025, $67.00

ISO/DIS 24825, Traditional Chinese medicine - General principles for the establishment of herbal reference substances - 5/5/2025, $46.00

ISO/DIS 18615-1, Traditional Chinese medicine - Electric radial pulse tonometric devices - Part 1: General requirements - 5/5/2025, $53.00

**Welding and allied processes (TC 44)**

ISO/DIS 18491, Welding and allied processes - Measurement of arc energies - 5/3/2025, $53.00

## ISO/IEC JTC 1, Information Technology

ISO/IEC 23000-22:2025/DAmd 1, - Amendment 1: Information technology - Multimedia application format (MPEG-A) - Part 22: Multi-image application format (MIAF) - Amendment 1: Implementation based technologies for MIAF - 4/26/2025, $40.00

ISO/IEC DIS 26565, Software and systems engineering - Tools and methods for product line maturity framework - 5/5/2025, $102.00

ISO/IEC DIS 26566, Software and systems engineering - Tools and methods for product line texture - 5/5/2025, $102.00

ISO/IEC DIS 18181-2, Information technology - JPEG XL image coding system - Part 2: File format - 5/1/2025, $71.00

ISO/IEC DIS 19583-27, Information technology - Concepts and usage of metadata - Part 27: Mapping between ISO/IEC 11179 -34 Metamodel for computable data registration and IEEE 2791 Standard for Bioinformatics Analyses Generated by High-Throughput Sequencing (HTS) - 5/5/2025, $119.00

ISO/IEC DIS 23008-12/DAmd 2, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 12: Image File Format - Amendment 2: Low-overhead image file format - 5/3/2025, $107.00

# IEC Standards

65C/1342/NP, PNW 65C-1342 ED1: Industrial networks - 5G Communication Technology - Part 1: Terms, definitions and fundamentals, 05/09/2025

### All-or-nothing electrical relays (TC 94)

94/1127(F)/FDIS, IEC 63522-28 ED1: Electrical relays - Tests and Measurement - Part 28: Thermoelectric electromotive force (e.m.f.), 03/14/2025

94/1129(F)/FDIS, IEC 63522-33 ED1: Electrical relays - Tests and measurements - Part 33: Continuity of protective earthing connection, 03/14/2025

94/1132(F)/FDIS, IEC 63522-38 ED1: Electrical relays - Testing and Measurement - Part 38: Mechanical interlock, 03/14/2025

94/1133(F)/FDIS, IEC 63522-44 ED1: Electrical relays - Tests and Measurements - Part 44: Corrosive atmosphere due to salt mist, 03/14/2025

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

100/4289/FDIS, IEC 63455 ED1: Multimedia systems and equipment - Multimedia signal transmission - Dependable line code with error correction, 03/28/2025

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

46/1036/CDV, IEC 61935-2/AMD1 ED4: Amendment 1 - Specification for the testing of balanced and coaxial information technology cabling - Part 2: Cords as specified in ISO/IEC 11801-1 and related standards, 05/09/2025

### Electric road vehicles and electric industrial trucks (TC 69)

69/1035(F)/FDIS, IEC 62840-1 ED1: Electric vehicle battery swap system - Part 1: General and guidance, 03/14/2025

### Electrical accessories (TC 23)

23J/489/CDV, IEC 61058-1 ED5: Switches for appliances - Part 1: General requirements, 04/11/2025

### Electrical equipment in medical practice (TC 62)

62D/2201(F)/CDV, IEC 80601-2-30 ED3: Medical electrical equipment - Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers, 05/02/2025

62D/2214/NP, PNW 62D-2214 ED1: Medical electrical equipment -- Part 2-xx: Part 2-XX: Particular requirements for basic safety and essential performance of non-invasive arterial tonometer equipment, 05/09/2025

### Electrical installations of buildings (TC 64)

64/2746/NP, PNW TS 64-2746 ED1: Application guides complying with IEC 60364 - Asynchronous motor starting and protection, 04/11/2025

64/2747/NP, PNW TS 64-2747 ED1: Application guides complying with IEC 60364 - Uninterruptible Power Systems, 04/11/2025

### Electromagnetic compatibility (TC 77)

77C/347/FDIS, IEC 61000-2-9 ED2: Electromagnetic compatibility (EMC) - Part 2-9: Environment - Description of HEMP environment - Radiated disturbance, Basic EMC publication, 03/28/2025

### Fibre optics (TC 86)

86A/2544(F)/FDIS, IEC 60794-1-216 ED1: Optical fibre cables - Part 1-216: Generic specification - Basic optical cable test procedures - Environmental test methods - Compound flow (drip), Method F16, 03/14/2025

### Fire hazard testing (TC 89)

89/1605/CD, IEC 60695-1-14 ED2: Fire hazard testing - Part 1 -14: Guidance on the different levels of power and energy related to the probability of ignition and fire in low voltage electrotechnical products, 04/11/2025

89/1606/CD, IEC TS 60695-11-12 ED1: Fire hazard testing - Part 11-12: Test flames - Hot Flame Oil replacement test method - Apparatus, verification, test method and guidance, 04/11/2025

**Flat Panel Display Devices (TC 110)**

110/1741/CD, IEC 62595-2-1 ED2: Display lighting unit - Part 2 -1: Electro-optical measuring methods of LED backlight unit, 04/11/2025

**Fuel Cell Technologies (TC 105)**

105/1100/NP, PNW 105-1100 ED1: Fuel cell technologies - Part 5-200: Portable fuel cell power systems - Performance test methods, 05/09/2025

**High-voltage testing techniques (TC 42)**

42/452(F)/FDIS, IEC 60270 ED4: High-voltage test techniques - Charge-based measurement of partial discharges, 02/28/2025

**Hydraulic turbines (TC 4)**

4/525/DTS, IEC TS 63111 ED1: Hydraulic turbines, storage pumps and pump-turbines - Hydraulic transient analysis, design considerations and testing, 04/11/2025

**Industrial-process measurement and control (TC 65)**

65A/1164/CDV, IEC 61508-1 ED3: Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 1: General requirements, 05/09/2025

65A/1165/CDV, IEC 61508-2 ED3: Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 2: Requirements for electrical/electronic/programmable electronic safety-related systems, 05/09/2025

65A/1166/CDV, IEC 61508-4 ED3: Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 4: Definitions and abbreviations, 05/09/2025

65A/1167/CDV, IEC 61508-5 ED3: Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 5: Examples of methods for the determination of safety integrity levels, 05/09/2025

65A/1168/CDV, IEC 61508-7 ED3: Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 7: Overview of techniques and measures, 05/09/2025

65E/1158/NP, PNW TS 65E-1158 ED1: Industrial measurement control and automation - Requirements for the servitization of manufacturing resource and manufacturing capability, 05/09/2025

**Maritime navigation and radiocommunication equipment and systems (TC 80)**

80/1148/CD, IEC 63173-1 ED2: Maritime navigation and radiocommunication equipment and systems - Data interfaces - Part 1: S-421 route plan based on S-100, 04/11/2025

80/1149/CD, IEC 63173-2 ED2: Maritime navigation and radiocommunication equipment and systems - Data interfaces - Part 2: Secure communication between ship and shore (SECOM), 04/11/2025

**Measuring equipment for electromagnetic quantities (TC 85)**

85/952/CD, IEC 63580 ED1: Measuring equipment for electrical and electromagnetic quantities - Environmental aspects, 05/09/2025

**Measuring relays and protection equipment (TC 95)**

95/586A/CD, IEC 60255-21 ED1: Measuring relays and protection equipment - Part 21: Vibration, shock, bump and seismic tests requirements, 04/04/2025

**Nuclear instrumentation (TC 45)**

45A/1590/CD, IEC 60960 ED2: Functional design criteria for a safety parameter display system for nuclear power stations, 05/09/2025

45A/1591/FDIS, IEC 61225 ED4: Nuclear power plants - Instrumentation, control and electrical power systems - Requirements for static uninterruptible DC and AC power supply systems, 03/28/2025

**Performance of household electrical appliances (TC 59)**

59N/66/CD, IEC 63086-2-3 ED1: Household and similar electrical air cleaning appliances - Methods for measuring the performance - Part 2-3: Particular requirements for reduction of microorganisms, 05/09/2025

**Printed Electronics (TC 119)**

119/537/FDIS, IEC 62899-202-11 ED1: Printed electronics - Part 202-11: Materials - Conductive ink - Measurement method of electrical resistance uniformity for large area printed conductive layers, 03/28/2025

119/535/FDIS, IEC 62899-401 ED2: Printed electronics - Part 401: Printability - Overview, 03/28/2025

**Safety of household and similar electrical appliances (TC 61)**

61C/929(F)/FDIS, IEC 60335-2-24 ED9: Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers, 02/28/2025

**Semiconductor devices (TC 47)**

47F/502/FDIS, IEC 62047-50 ED1: Semiconductor devices - Micro-electromechanical devices - Part 50: MEMS capacitive microphones, 03/28/2025

47F/496/CDV, IEC 62047-53 ED1: Semiconductor devices - Micro-electromechanical devices - Part 53: MEMS electrothermal transfer device, 05/09/2025

47A/1183/CD, IEC 62228-3 ED2: Integrated circuits - EMC evaluation of transceivers - Part 3: CAN transceivers, 04/11/2025

47E/858/NP, PNW 47E-858 ED1: Semiconductor devices - Part 5 -17: Optoelectronic devices - Light emitting diode - Measuring methods of optoelectronic parameters of micro scale light emitting diode array, 05/09/2025

**Solar photovoltaic energy systems (TC 82)**

82/2366/DTS, IEC TS 62804-1 ED2: Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation - Part 1: Crystalline silicon, 04/11/2025

**Standard voltages, current ratings and frequencies (TC 8)**

8B/244/CD, IEC TR 62898-4 ED2: Microgrids - Part 4: Use cases, 04/11/2025

8B/243/CD, IEC TR 63631-1 ED1: Decentralized multiple energy systems, 04/11/2025

**Surge arresters (TC 37)**

37A/426/FDIS, IEC 61643-41 ED1: Low-voltage surge protective devices - Part 41: Surge protective devices connected to DC low-voltage power systems - Requirements and test methods, 03/28/2025

37B/248/DTR, IEC TR 61643-333 ED1: Components for low-voltage surge protection - Part 333: characteristic equations and life evaluation for metal oxide varistors (MOV), 04/11/2025

**(TC )**

SyCAAL/384/NP, PNW TS SYCAAL-384 ED1: Collaboration between AAL users and AAL systems, 05/09/2025

**Wind turbine generator systems (TC 88)**

88/1086/FDIS, IEC 61400-5/AMD1 ED1: Amendment 1 - Wind energy generation systems - Part 5: Wind turbine blades, 03/28/2025

88/1088/FDIS, IEC 61400-6/AMD1 ED1: Amendment 1 - Wind energy generation systems - Part 6: Tower and foundation design requirements, 03/28/2025

## ISO/IEC JTC 1, Information Technology

**(TC )**

JTC1-SC25/3303/CD, ISO/IEC 15067-5 ED1: Information technology - Home Electronic System (HES) application models - Part 5: A safety framework and guidelines for control and data communication messages, 04/11/2025

JTC1-SC41/496/CD, ISO/IEC 30198 ED1: Internet of Things (IoT) - Edge computing gateway interoperability framework, 04/11/2025

# Newly Published ISO & IEC Standards

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

## ISO Standards

### Air quality (TC 146)

ISO 16000-22:2025, Indoor air - Part 22: Detection and quantification of fungal biomass by fungal β-N-acetylhexosaminidase enzyme activity, $84.00

### Anaesthetic and respiratory equipment (TC 121)

ISO 18190:2025, Anaesthetic and respiratory equipment - General requirements for airway devices and related equipment, $127.00

### Cranes (TC 96)

ISO 10972-1:2025, Cranes - Requirements for mechanisms - Part 1: General, $84.00

### Dimensional and Geometrical Product Specifications and Verification (TC 213)

ISO 25178-601:2025, Geometrical product specifications (GPS) - Surface texture: Areal - Part 601: Design and characteristics of contact (stylus) instruments, $127.00

ISO 25178-602:2025, Geometrical product specifications (GPS) - Surface texture: Areal - Part 602: Design and characteristics of non-contact (confocal chromatic probe) instruments, $127.00

ISO 25178-603:2025, Geometrical product specifications (GPS) - Surface texture: Areal - Part 603: Design and characteristics of non-contact (phase shifting interferometry) instruments, $127.00

ISO 25178-604:2025, Geometrical product specifications (GPS) - Surface texture: Areal - Part 604: Design and characteristics of non-contact (coherence scanning interferometry) instruments, $172.00

ISO 25178-605:2025, Geometrical product specifications (GPS) - Surface texture: Areal - Part 605: Design and characteristics of non-contact (point autofocus probe) instruments, $127.00

### Excellence in service (TC 312)

ISO 11367:2025, Service excellence - Principles and model for public service organizations, $201.00

### Fluid power systems (TC 131)

ISO 15086-2:2025, Hydraulic fluid power - Determination of the fluid-borne noise characteristics of components and systems - Part 2: Measurement of the speed of sound in a fluid in a pipe, $172.00

### Graphic technology (TC 130)

ISO 12641-1:2025, Graphic technology - Prepress digital data exchange - Part 1: Colour targets for input scanner calibration, $172.00

### Hydrogen energy technologies (TC 197)

ISO 14687:2025, Hydrogen fuel quality - Product specification, $201.00

ISO 19882:2025, Gaseous hydrogen - Thermally activated pressure relief devices for compressed hydrogen vehicle fuel containers, $201.00

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

ISO 24204:2025, Oil and gas industries including lower carbon energy - Bulk material for offshore projects - Design for architectural supports, $172.00

ISO 19901-4:2025, Oil and gas industries including lower carbon energy - Specific requirements for offshore structures - Part 4: Geotechnical design considerations, $287.00

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

ISO 28721-2:2025, Vitreous and porcelain enamels - Glass-lined apparatus for process plants - Part 2: Designation and specification of resistance to chemical attack and thermal shock, $56.00

### Optics and optical instruments (TC 172)

ISO 9335:2025, Optics and photonics - Optical transfer function - Principles and procedures of measurement, $172.00

### Other

ISO 23649:2025, Chemicals for the leather tanning industry - Determination of cyclosiloxanes, $84.00

### Plastics (TC 61)

ISO 16365-1:2025, Plastics - Thermoplastic polyurethanes for moulding and extrusion - Part 1: Designation system and basis for specifications, $84.00

**Refrigeration (TC 86)**

ISO 5222-2:2025, Heat recovery ventilators and energy recovery ventilators - Testing and calculating methods for seasonal performance factor - Part 2: Sensible cooling recovery seasonal performance factors of heat recovery ventilators (HRV), $127.00

**Road vehicles (TC 22)**

ISO 18669-2:2025, Internal combustion engines - Piston pins - Part 2: Inspection measuring principles, $127.00

**Screw threads (TC 1)**

ISO 965-4:2025, ISO general purpose metric screw threads - Tolerances - Part 4: Limits of sizes for hot-dip galvanized external threads to mate with internal threads made to tolerance position H or G after galvanizing, $56.00

ISO 965-5:2025, ISO general purpose metric screw threads - Tolerances - Part 5: Limits of sizes for internal threads to mate with hot-dip galvanized external threads with maximum size of tolerance position h before galvanizing, $56.00

**Small tools (TC 29)**

ISO 11901-1:2025, Tools for pressing - Gas springs - Part 1: General specifications, $84.00

**Traditional Chinese medicine (TC 249)**

ISO 5106:2025, Traditional Chinese medicine - Polygala tenuifolia and Polygala sibirica root, $127.00

ISO 19851:2025, Traditional Chinese medicine - Cinnamomum cassia branch, $127.00

**Welding and allied processes (TC 44)**

ISO 16834:2025, Welding consumables - Wire electrodes, wires, rods and deposits for gas shielded arc welding of high strength steels - Classification, $127.00

ISO 21952:2025, Welding consumables - Wire electrodes, wires, rods and deposits for gas shielded arc welding of creep-resisting steels - Classification, $127.00

## ISO Technical Reports

**Fire safety (TC 92)**

ISO/TR 24188:2025, Large outdoor fires and the built environment - Global overview of different approaches to standardization, $127.00

**Implants for surgery (TC 150)**

ISO/TR 18965:2025, Medical devices - Examples of the application of the risk management process to cardiac valve replacement and repair systems, $172.00

## ISO Technical Specifications

**Health Informatics (TC 215)**

ISO/TS 6201:2025, Health informatics - Personalized digital health framework, $127.00

**Mechanical testing of metals (TC 164)**

ISO/TS 6892-5:2025, Metallic materials - Tensile testing - Part 5: Specification for testing miniaturised test pieces, $84.00

**Road vehicles (TC 22)**

ISO/TS 17430:2025, Patient compartment of negative pressure ambulance - Technical specifications, $84.00

## ISO/IEC JTC 1, Information Technology

ISO/IEC 9868:2025, Information technology - Design, development, use and maintenance of biometric identification systems involving passive capture subjects, $201.00

ISO/IEC 5259-5:2025, Artificial intelligence - Data quality for analytics and machine learning (ML) - Part 5: Data quality governance framework, $127.00

ISO/IEC 10373-6:2025, Cards and security devices for personal identification - Test methods - Part 6: Contactless proximity objects, $287.00

ISO/IEC 15944-1:2025, Information technology - Business operational view - Part 1: Operational aspects of open-edi for implementation, FREE

ISO/IEC 23000-22:2025, Information technology - Multimedia application format (MPEG-A) - Part 22: Multi-image application format (MIAF), $201.00

ISO/IEC 29110-5-1-1:2025, Systems and software engineering - Life cycle profiles for very small entities (VSEs) - Part 5-1-1: Software engineering guidelines for the generic Entry profile, $230.00

ISO/IEC 29110-5-1-2:2025, Systems and software engineering - Life cycle profiles for very small entities (VSEs) - Part 5-1-2: Software engineering guidelines for the generic Basic profile, $287.00

# IEC Standards

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

IEC 63563-6 Ed. 1.0 en:2025, Qi Specification version 2.0 - Part 6: Communications Protocol, $528.00

IEC 63563-7 Ed. 1.0 en:2025, Qi Specification version 2.0 - Part 7: Foreign Object Detection, $412.00

IEC 63563-8 Ed. 1.0 en:2025, Qi Specification version 2.0 - Part 8: NFC Tag Protection, $322.00

IEC 63563-9 Ed. 1.0 en:2025, Qi Specification version 2.0 - Part 9: Authentication Protocol, $496.00

**Capacitors and resistors for electronic equipment (TC 40)**

IEC 62391-2 Ed. 2.0 b:2025, Fixed electric double-layer capacitors for use in electronic equipment - Part 2: Sectional specification - Electric double-layer capacitors for power application, $258.00

**Fluids for electrotechnical applications (TC 10)**

IEC 61039 Ed. 3.0 b:2025, Classification of insulating liquids, $52.00

IEC 61039 Ed. 3.0 en:2025 CMV, Classification of insulating liquids, $103.00

**Industrial-process measurement and control (TC 65)**

IEC 62657-2 Ed. 4.0 b:2025, Industrial networks - Coexistence of wireless systems - Part 2: Coexistence management, $496.00

IEC 62657-4 Ed. 2.0 b:2025, Industrial networks - Coexistence of wireless systems - Part 4: Coexistence management with central coordination of wireless applications, $580.00

S+ IEC 62657-2 Ed. 4.0 en:2025 (Redline version), Industrial networks - Coexistence of wireless systems - Part 2: Coexistence management, $844.00

S+ IEC 62657-4 Ed. 2.0 en:2025 (Redline version), Industrial networks - Coexistence of wireless systems - Part 4: Coexistence management with central coordination of wireless applications, $985.00

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

IEC 62841-2-5 Amd.1 Ed. 1.0 b:2025, Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-5: Particular requirements for hand-held circular saws, $26.00

IEC 62841-2-5 Ed. 1.1 en:2025, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-5: Particular requirements for hand-held circular saws, $52.00

IEC 62841-2-8 Amd.1 Ed. 1.0 b:2025, Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-8: Particular requirements for hand-held shears and nibblers, $13.00

IEC 62841-2-8 Ed. 1.1 en:2025, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-8: Particular requirements for hand-held shears and nibblers, $200.00

IEC 62841-2-9 Amd.1 Ed. 1.0 b:2025, Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-9: Particular requirements for hand-held tappers and threaders, $13.00

IEC 62841-2-9 Ed. 1.1 en:2025, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-9: Particular requirements for hand-held tappers and threaders, $277.00

**Wearable electronic devices and technologies (TC 124)**

IEC 63203-204-2 Ed. 1.0 b:2025, Wearable electronic devices and technologies - Part 204-2: Electronic textile - Test method to characterize electrical resistance change in knee and elbow bending test of e-textiles, $258.00

# U.S. Technical Advisory Groups

## A3 – Association for Advancing Automation

### U.S. TAG to ISO/TC 299 – Robotics

**Meeting Date: Thursday, February 27, 2025, 1:30 PM – 5:00 PM (ET)**

The ANSI Accredited U.S. Technical Advisory Group (U.S. TAG) to ISO/TC 299 "*Robotics*" has announced a meeting to discuss aspects of TAG governance and prepare for June 2025 Plenary of TC 299.

**Meeting Format:** In-person Meeting, with virtual connection if possible
**Location:** Sheraton Ann Arbor Hotel, 3200 Boardwalk Dr, Ann Arbor, MI 48108
**Meeting Host/Sponsor:** A3
**Day/Date/Time:** Thursday, Feb 27, 2025, 1:30 PM - 5:00 PM (ET)

For more information or to participate, please contact the U.S. TAG Administrator, Ms. Carole Franklin (cfranklin@automate.org).

# International Organization for Standardization (ISO)

## Call for International (ISO) Secretariat

### ISO/TC 157 – Non-systemic contraceptives and STI barrier prophylactics

**Reply Deadline: 2025-03-15**

ANSI has been informed by the ISO Technical Management Board (ISO/TMB) that Malaysia (DSM), the ISO delegated Secretariat of ISO/TC 157, wishes to relinquish the role of the Secretariat.

ISO/TC 157 operates under the following scope:

*Standardization of non-systemic contraceptives and sexually transmitted infections (STI) barrier prophylactics.*

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of the U.S. delegated Secretariat for ISO/TC 157. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

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

# International Organization for Standardization (ISO)

## Call for International (ISO) Secretariat

### ISO/TC 37/SC 2 – Terminology workflow and language coding

**Reply Deadline: 2025-03-15**

ANSI has been informed by the ISO Technical Management Board (ISO/TMB) that Canada (SCC), the ISO delegated Secretariat of ISO/TC 37/SC 2, wishes to relinquish the role of the Secretariat.

ISO/TC 37/SC 2 operates under the following scope:

*Standardization of terminological methods and applications for languages and linguistic content.*

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of the U.S. delegated Secretariat for ISO/TC 37/SC 2. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

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

## Establishment of ISO/IEC Subcommittee

### ISO/IEC JTC 1/SC 44 – Consumer protection in the field of privacy by design

ISO/IEC JTC 1 – *Information technology* has created a new ISO Subcommittee on *Consumer protection in the field of privacy by design (*ISO/IEC JTC 1/SC 44). The Secretariat has been assigned to the United Kingdom (BSI).

ISO/IEC JTC 1/SC 44 operates under the following scope:

*Standardization of consumer protection in the field of privacy by design for products, goods and services, including their data lifecycles.*

The InterNational Committee for Information Technology Standards (INCITS) has committed 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.

# 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.

# IIAR 5-202x

## Startup of Closed-Circuit Ammonia Refrigeration Systems

# IIAR 5

## Public Review #3 Draft

IIAR 5 Public Review #3 Draft shows the changes to Chapter 4. Ammonia Specifications, Section 4.1, Subsection 4.1.1, and (Informative) Appendix A, Section A.4.1.1.

Only striked-through (removals) or underlined (additions) can be commented on.

**International Institute of All-Natural Refrigeration**
**1001 North Fairfax Street, Suite 503**
**Alexandria, VA 22314**
**Phone: (703) 312-4200**
**Fax: (703) 312-0065**
**www.iiar.org**

 

# Chapter 4. Ammonia Specifications

## 4.1 Purity.

4.1.1
*Ammonia used for the initial and subsequent charging of ammonia refrigeration systems using mechanical compression shall meet the purity requirements in Table 4.1.1.

**Table 4.1.1**
**Purity Requirements**

| ~~Commercial Grade~~ | |
|---|---|
| Ammonia Content | 99.5% Minimum |
| Water ~~& Oil~~ | 0.5% Maximum |
| Oil & Other | 0.1% Maximum |

~~4.1.1.1 *Commercial Grade ammonia refrigerant shall be used for existing or modified refrigeration systems where it is known that pressure vessel heads were NOT hot-formed, stress-relieved after cold forming, or a confirmed equivalent method to address fabrication stress was NOT done or where it is unknown or cannot be confirmed.~~

A.4.1.1
Water content can mitigate stress corrosion cracking (SCC) in carbon steel pressure vessels. This is particularly important in pressure vessels that were NOT hot-formed, stress-relieved after cold forming, or manufactured using a confirmed equivalent method to address/avoid/relieve fabrication stress. A minor amount of water content of 0.2% or 2000 ppm is considered to be the optimal amount to mitigate SCC. For most systems, water content up to 2.0% will not cause a noticeable energy penalty. Water content for direct expansion systems should be kept to a minimum. Excessive water content can reduce system performance – See IIAR 6, Appendix C, *Water Contamination in Ammonia Refrigeration Systems.* The water scavenges oxygen which can cause oxidation and protects the internal surfaces of the pressure vessel. A refrigerant with a lower concentration of water, such as metallurgical grade (99.995% ammonia content minimum, water & oil only 0.005% maximum), could be used where SCC is not a concern. For subsequent charges to top off an existing ammonia refrigeration system, the existing system's water content could be considered when determining the purity for the refrigerant to be added.

Refer to IIAR 2, Appendix B and the Ammonia Data Book, Appendix A for more information on ammonia properties and hazards.

 

**BSR/UL 60335-2-79, Standard for Safety for Household and Similar Electrical Appliances – Safety – Part 2-79: Particular Requirements for High Pressure Cleaners and Steam Cleaners**

**1. Edition 2 of UL 60335-2-79 is a bi-national adoption of IEC 60335-2-79, Household and Similar Electrical Appliances – Safety – Part 2-79: Particular Requirements for High Pressure Cleaners and Steam Cleaners (edition 5, issued June 2021) as a new IEC-based standard, with National Differences.**

***1DV.3 DE Modification of Clause 1 of the Part 2 by replacing the second, third, and fourth dashed items following "This standard does not apply to" with the following:***
***This standard does not apply to:***

**- liquid or steam cleaners intended for domestic use (CSA E60335-2-54, UL 499);**

**- hand-held and transportable motor-operated electric tools (CSA C22.2 No. 60745 series, UL 60745 series, CSAC22.2 No. 61029, CSA C22.2 No. 62841 series, UL 62841 series);**

**- appliances for medical purposes (CAN/CSA-C22.2 No. 60601-1, UL 60601-1, AAMI ES60601-1)**

~~***9DV D1 Modification of Clause 9 of this Part 2 by replacing it with the following:***~~

~~**This Clause of Part 1 is applicable except as follows.**~~

~~**Add the underlined words to Subclause 9DV.2 of the Part 1:**~~

~~**The use of time delay fuses is acceptable for appliances marked as indicated in Clause 7.17DV**~~

~~**12DV D1 Modification of Clause 12 of this Part 2 by replacing it with the following:**~~

~~**This Clause of Part 1 is not applicable.**~~

~~**NOTE: Battery requirements are covered in Annex BDV.**~~

~~***22DV D2 Modification to Clause 22 of this Part 2 by adding the following to the end:***~~

~~**Subclauses 22DV.115 – 22DV.116.4 apply only to electrically powered products.**~~

~~**22DV.115 For a portable product, the entire surface available for gripping a handle and the designated gripping area of a lance shall have outer surfaces of insulating material that comply with 22DV.116.**~~

~~**The cart handle of a metal cart need not be insulated when both of the following conditions are met:**~~

~~**a) The handle is reliably isolated from the voltage and grounding path, and therefore will not be energized during normal operation, servicing operation, or abnormal operating conditions.**~~

~~b) The cart is reliably isolated from the supporting surface of the product.~~

~~22DV.116 Gripping area tests~~

~~22DV.116.1 If insulating material used for a gripping area as specified in 22DV.115 overlies dead metal, it shall:~~

~~a) Show no holes, cracks, distortion, or other visible evidence of deterioration after being conditioned as described in 22DV.116.2;~~

~~b) Not break, crack, rupture, or show other adverse affects after being subjected to the impacts described in 22DV.116.3. The impacts shall be conducted on separate representative products that have been conditioned as described in 22DV.116.2(a) and (b); and~~

~~c) Comply with the requirements in 22DV.116.4 following the impacts described in 22DV.16.3, and conditioning described in 22DV.116.2(c).~~

~~22DV.116.2 The conditioning mentioned in 22DV.116.1 is to consist of placing:~~

~~a) A representative product in an air-circulating oven for 7 h at a temperature that is 10 °C higher than the maximum temperature of the gripping area under the conditions of intended operation, but not less than 70 °C. The representative product shall be allowed to return to room temperature before testing.~~

~~b) A separate representative product in a conditioning chamber for 3 h at a temperature of −35.0 +2.0 °C. The representative product shall be subjected to the impact test specified in 8DV.2.3 immediately upon removal from the chamber.~~

~~Portable equipment for outdoor use, but intended to be stored indoors, and marked in accordance with 7.1DV.6, shall be conditioned for 3 h at 0.0 +2.0 °C instead of -35.0 +2.0 °C.~~

~~c) A separate representative product in a conditioning chamber for 48 h at a relative humidity of 88 ±2 percent at a temperature of 32 ±2 °C.~~

~~22DV.116.3 With reference to 22DV.116.1(b), each area under consideration shall be subjected to two impacts of 6.8 J. Each impact shall be applied by dropping a steel sphere, 51 mm in diameter and weighing 0.54 kg, through a vertical distance of 1.30 m. The side opposite the side being impacted shall be placed against a rigid, supporting surface.~~

~~22DV.116.4 The gripping areas shall comply with the requirements in the Dielectric Voltage-Withstand Test, cl 16, with the potential applied between aluminum foil wrapped around the gripping area and the dead metal of the handle, lance, or wand.~~



**22.35** *Addition:*

The parts are subject to the hammer test of 21.1. If this insulation does not meet the requirement of 29.3, these are subject to the following impact test.

*A sample of the covered part is conditioned at a temperature of 70 °C ± 2 °C for 7 days (168 h). After conditioning, the sample is allowed to attain approximately* ***room temperature****.*

*Inspection shall show that the covering has not shrunk to such an extent that the required insulation is no longer given or that the covering has not peeled off, so that it may move longitudinally.*

*After this, the sample is maintained for 4 h at a temperature of –10 °C ± 2 °C.*

*While still at this temperature, the sample is then subjected to impact by means of the apparatus shown in Figure 102. The weight "A", having a mass of 0,3 kg, falls from a height of 350 mm onto the chisel "B" of hardened steel, the edge of which is placed on the sample.*

*One impact is applied to each place where the insulation is likely to be weak or damaged during* ***normal operation****, the distance between the points of impact being at least 10 mm.*

*After this test, it shall show that the insulation has not peeled off and an electric strength test as specified in 16.3 is made between metal parts and metal foil wrapped round the insulation in the required area.*

***22.35DV.1 D2 Modification to Clause 22.35 of this Part 2 by adding the following to the end:***

**Subclauses 23.35DV.2 – 22.35DV.3.4 apply only to electrically powered products.**

**22.35DV.2For a portable product, the entire surface available for gripping a handle and the designated gripping area of a lance shall have outer surfaces of insulating material that comply with 22.35DV.2.**

**The cart handle of a metal cart need not be insulated when both of the following 2/6: conditions are met:**

**a) The handle is reliably isolated from the voltage and grounding path, and therefore will not be energized during normal operation, servicing operation, or abnormal operating conditions.**

**b) The cart is reliably isolated from the supporting surface of the product.**

**22.35DV.3 Gripping area tests**

**22.35DV.3.1 If insulating material used for a gripping area as specified in 22.35DV.1 overlies dead metal, it shall:**

**a) Show no holes, cracks, distortion, or other visible evidence of deterioration after being conditioned as described in 22.35DV.3.2 ;**

**b) Not break, crack, rupture, or show other adverse affects after being subjected to the impacts described in 22.35DV.3.3. The impacts shall be conducted on separate representative products that have been conditioned as described in 22.35DV.3.2 (a) and (b); and**

**c) Comply with the requirements in 22.35DV.3.4 following the impacts described in 22DV.16.3, and conditioning described in 22.35DV.3.2_(c).**

**22.35DV.3.2The conditioning mentioned in 22.35DV.3.1 is to consist of placing:**

**a) A representative product in an air-circulating oven for 7 h at a temperature that is 10 ºC higher than the maximum temperature of the gripping area under the conditions of intended operation, but not less than 70 ºC. The representative product shall be allowed to return to room temperature before testing.**

**b) A separate representative product in a conditioning chamber for 3 h at a temperature of −35.0 +2.0 °C. The representative product shall be subjected to the impact test specified in 8DV.2.3 immediately upon removal from the chamber.**

**Portable equipment for outdoor use, but intended to be stored indoors, and marked in accordance with 7.1DV.6, shall be conditioned for 3 h at 0.0 +2.0 °C instead of -35.0 +2.0 °C.**

**c) A separate representative product in a conditioning chamber for 48 h at a relative humidity of 88 ±2 percent at a temperature of 32 ±2 °C.**

**22.35DV.3.3 With reference to 22.35DV.3.1 (b), each area under consideration shall be subjected to two impacts of 6.8 J. Each impact shall be applied by dropping a steel sphere, 51 mm in diameter and weighing 0.54 kg, through a vertical distance of 1.30 m. The side opposite the side being impacted shall be placed against a rigid, supporting surface.**

**22.35DV.3.4 The gripping areas shall comply with the requirements in the Dielectric Voltage-Withstand Test, cl 16, with the potential applied between aluminum foil wrapped around the gripping area and the dead metal of the handle, lance, or wand.**

**BSR/UL 142, Standard for Safety for** Steel Aboveground Tanks for Flammable and Combustible Liquids

**3. Clarification of Emergency Venting Requirements (PR42070)**

## PROPOSAL

*Exception: ~~If f~~Factory installed vent devices sized per 8.6A~~,~~ may have their flow ratings added together to determine the total emergency venting capacity of the tank.*

**Table 8.1**
**Emergency venting capacity for primary tanks and interstitial space of secondary containment tanks**

| Wetted surface, square feet[a,b] | Venting capacity, cubic feet per hour[a,c,d] | Minimum opening, nominal pipe size, inches[e,f,g] |
|---|---|---|
| 20 | 21,100 | 2 |
| 30 | 31,600 | 2 |
| 40 | 42,100 | 3 |
| 50 | 52,700 | 3 |
| 60 | 63,200 | 3 |
| 70 | 73,700 | 4 |
| 80 | 84,200 | 4 |
| 90 | 94,800 | 4 |
| 100 | 105,000 | 4 |
| 120 | 126,000 | 5 |
| 140 | 147,000 | 5 |
| 160 | 168,000 | 5 |
| 180 | 190,000 | 5 |
| 200 | 211,000 | 6 |
| 250 | 239,000 | 6 |
| 300 | 265,000 | 6 |
| 350 | 288,000 | 8 |
| 400 | 312,000 | 8 |
| 500 | 354,000 | 8 |
| 600 | 392,000 | 8 |
| 700 | 428,000 | 8 |
| 800 | 462,000 | 8 |
| 900 | 493,000 | 8 |
| 1000 | 524,000 | 10 |
| 1200 | 557,000 | 10 |
| 1400 | 587,000 | 10 |
| 1600 | 614,000 | 10 |

| Wetted surface, square feet[a,b] | Venting capacity, cubic feet per hour[a,c,d] | Minimum opening, nominal pipe size, inches[e, f, g] |
|---|---|---|
| 1800 | 639,000 | 10 |
| 2000 | 662,000 | 10 |
| 2400 | 704,000 | 10 |
| 2800 | 742,000 | 10 |
| 3200 | 776,000 | 12 |
| 3600 and over | 806,000 | 12 |

NOTE – Emergency venting capacity is based on atmospheric pressure of 14.7 psi and 60°F (101.4 kPa and 16°C).

[a] Interpolate for intermediate values.

[b] For SI units, 1.0 $m^2$ = 10.76 $ft^2$.

[c] These values taken from NFPA 30. See 1.3.

[d] For SI units, 1 $m^3$/hr = 35.315 $ft^3$/hr.

[e] These pipe sizes apply only to open vent pipes of the specified diameter not more than 12 inches (0.3 m) long and a gauge pressure in tank of not more than 2.5 psi (17.1 kPa). The pipe size is based on the equations for theoretical flow through a nozzle per Appendix D of API 2000.If a tank is to be equipped with a venting device or flame arrester, the vent opening is to accommodate the venting device or flame arrester sized in accordance with Column 2 of this table.

[f] For intermediate values, round up to the next largest available pipe size. Example: For a wetted surface area of 110 $ft^2$, round up to 5" pipe size.

[g] See Standard for Welded and Seamless Wrought Steel Pipe, ASME B36.10

## 7. Table 15.3 Correction for UL 142 (PR42022)

## PROPOSAL

**Table 15.3**
**Dished heads – depth of dish**

| Diameter | | Minimum depth | | Diameter | | Minimum depth | |
|---|---|---|---|---|---|---|---|
| Inches | m | Inches | mm | Inches | m | Inches | mm |
| Up to 60 | (Up to 1.52) | 1-1/2 | (38) | ~~97 – 108~~ | ~~(2.46 – 2.74)~~ | ~~4-1/2~~ | ~~(114).~~ |
| 61 – 72 | (1.55 – 1.83) | 2 | (51) | 109 – 120 | (2.77 – 3.05) | 5-1/2 | (140) |
| 73 – 84 | (1.85 – 2.13) | 2-1/2 | (64) | 121 – 132 | (3.07 – 3.35) | 7 | (178) |
| 85 – 96 | (2.16 – 2.44) | 3-1/2 | (89) | 133 – 144 | (3.38 – 3.66) | 8 | (203) |
| 97 – 108 | (2.46 – 2.74) | 4-1/2 | (114) | 145 – 156 | (3.68 – 3.96) | 20 | (508) |

## 15. Revision of Marking Section 52.5 for UL 142 (PR42043)

## PROPOSAL

**52.5.1** If a tank is subjected to a gauge pressure 15 psi (103 kPa) hydrostatic test pressure as covered in the Exception to 43.3.1(b), the tank shall be marked to indicate a maximum leakage test gauge pressure of 3 psi (21 kPa) for rectangular tanks and 2-1/2 psi (17 ~~psi~~kPa) for vertical tanks.

**BSR/UL 142A, Standard for Safety for Special Purpose Aboveground Tanks for Specific Flammable or Combustible Liquids**

**1. Allowance for Reduced Vent Sizing for Tanks Smaller than 60 Gal**

## PROPOSAL

5.5.2

d) Reduced Emergency Venting – The minimum E-Vent nominal opening ~~nominal~~ size may ~~be smaller than required by UL 142, Section 8, Table 8.1 for capacities lower~~ be reduced to 1-1/2 inches for tanks with a capacity less than 60 Gal. ~~as follows:~~

~~1) For Tanks ranging from 20 Gal up to, but not including, 25 Gal (75.7 - 94.6 L): 1/2"~~
~~2) For Tanks ranging from 25 Gal up to, but not including, 60 Gal (94.6 - 227 L): 3/4"~~

**BSR/UL 644, Standard for Safety for Container Assemblies for LP-Gas**

**2. Adding requirements for actuated liquid withdrawal excess-flow valves**

**PROPOSAL**

**CONSTRUCTION**

**12A Actuated Liquid Withdrawal Excess-Flow Valves**

12A.1 A container assembly with water capacity greater than 125 through 4000 gal (0.5 through 15.14 $m^3$) shall be provided with an actuated liquid withdrawal excess-flow valve. The valves shall comply with the requirements in UL/ULC 125.

**3. Revising Section 11, Filler Valves and Vapor-Return Valves, by adding other valve types as options for container assemblies**

**PROPOSAL**

**CONSTRUCTION**

**11 Filler Valves and Vapor-Return Valves**

11.1 A container assembly shall be provided with a double backflow check, manual shutoff valve with backflow check, or a filler valve with a backflow check and overfilling prevention device. This valve is required, but is not prohibited from being a part of a multipurpose valve. The valves shall comply with the requirements in UL/ULC 125 and overfilling prevention devices shall comply with UL 2227.

**BSR/UL 651A, Standard for Safety for Schedule 40 and 80 High Density Polyethylene (HDPE) Conduit**

**1. Clarification to Resistance to impact test Clause 7.2.2**

## PROPOSAL

7.2.1 Conduit shall not fail when three specimen are tested at the low-temperature condition of -4 °F (-20 °C), in accordance with 7.2.2 or if one out of three specimen fails, then a retest of three additional specimen shall result in no failures. Failure is determined by a crack or tear longer than 0.031 in. (0.8 mm) appearing on the inner or outer surface of the conduit.

7.2.2 Test three specimens of conduit. Each specimen shall be cut from finished lengths of each trade size of conduit and shall exhibiting no cracks, tears, or other imperfections. The specimens shall be equal in length to the nominal outside diameter but not less than 6 in (152 mm) in length. Condition the specimens at a temperature of -4 ± 3.6 °F (-20 ±2 °C) for a minimum of 5 h. Conduct the test within 30 seconds after removal from the cold chamber. ~~In a case of disagreement, conduct the tests~~ In a room maintained at 73.4 ±3.6 °F (23 ±2 °C) using equipment in thermal equilibrium with the specified room temperature.

Note: To facilitate testing, it has been found that using an insulated box packed with freezer packs and conditioned at the conditioning temperature, can be used to transport specimens to the test equipment.

**BSR/UL 1022, Standard for Safety for Standard for Line Isolation Monitors**

**1. Editorial updates**

## PROPOSAL

~~**2 General**~~

~~**2.1 Components**~~

~~2.1.1 Except as indicated in 2.1.2, a component of a product covered by this standard shall comply with the requirements for that component. See Appendix A for a list of standards covering components generally used in the products covered by this standard.~~

~~2.1.2 A component is not required to comply with a specific requirement that:~~

~~a) Involves a feature or characteristic not required in the application of the component in the product covered by this standard, or~~

~~b) Is superseded by a requirement in this standard.~~

~~2.1.3 A component shall be used in accordance with its rating established for the intended conditions of use.~~

~~2.1.4 Specific components are incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits, and shall be used only under those specific conditions.~~

~~**2.2 Units of measurement**~~

~~2.2.1 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.~~

~~**2.3 Undated references**~~

~~2.3.1 Any undated reference to a code or standard appearing in the requirements of this standard shall be interpreted as referring to the latest edition of that code or standard.~~

**2A Components**

2A.1 A component of a product covered by this Standard shall:

a) Comply with the requirements for that component as specified in this Standard;

b) Be used in accordance with its ratings(s) established for the intended conditions of use; and

c) Be used within its established use limitations or conditions of acceptability.

2A.2 A component of a product covered by this Standard is not required to comply with a specific component requirement that:

a) Involves a feature or characteristic not required in the application of the component in the product covered by this standard, or

b) Is superseded by a requirement in this Standard; or

c) Is separately evaluated when forming part of another component, provided the component is used in accordance with its established ratings and limitations.

2A.3 Specific components are incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits, and shall be used only under those specific conditions.

2A.4 A component that is also intended to perform other functions such as overcurrent protection, ground-fault circuit-interruption, surge suppression, any other similar functions, or any combination thereof, shall comply additionally with the requirements of the applicable standard(s) that cover devices that provide those functions.

**2B Units of Measurement**

2B.1 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.

**2C Referenced Publications**

2C.1 Any undated reference to a code or standard appearing in the requirements of this Standard shall be interpreted as referring to the latest edition of that code or standard.

2C.2 The following publications are referenced in this Standard:

ASTM E230/E230M, Standard Specification for Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples

NFPA 70, National Electrical Code

21.9 The thermocouple wire is to conform with the requirements for ~~"special" thermocouples~~ Special Tolerances as listed in the Tolerances on Initial Values of EMF versus Temperature tables in ASTM E230/E230M ~~Initial Calibration Tolerances for Thermocouples table in Temperature Measurement Thermocouples, ANSI/ISA MC96.1~~.

~~**APPENDIX A**~~

~~**Standards for Components**~~

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

~~Title of Standard - UL Standard Designation~~

~~Low Voltage Transformers – Part 1: General Requirements – UL 5085-1~~
~~Low Voltage Transformers – Part 2: General Purpose Transformers – UL 5085-2~~
~~Low Voltage Transformers – Part 3: Class 2 and Class 3 Transformers – UL 5085-3~~
~~Polymeric Material – Use in Electrical Equipment Evaluations – UL 746C~~
~~Power Systems Equipment, Isolated – UL 1047~~
~~Printed-Wiring Boards – UL 796~~
~~Transformers, Specialty – UL 506~~
~~Wires and Cables, Thermoplastic-Insulated – UL 83~~

**BSR/UL 1047, Standard for Safety for Isolated Power Systems Equipment**

**1. Editorial updates**

## PROPOSAL

2.5 MOMENTARY RATING – A rating based on an operating interval that does not exceed 5 ~~s~~ seconds.

~~**3 General**~~

~~**3.1 Components**~~

~~3.1.1 Except as indicated in 3.1.2, a component of a product covered by this standard shall comply with the requirements for that component. See Appendix A for a list of standards covering components generally used in the products covered by this standard.~~

~~3.1.2 A component is not required to comply with a specific requirement that:~~

~~a) Involves a feature or characteristic not required in the application of the component in the product covered by this standard, or~~
~~b) Is superseded by a requirement in this standard.~~

~~3.1.3 A component shall be used in accordance with its rating established for the intended conditions of use.~~

~~3.1.4 Specific components are incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits, and shall be used only under those specific conditions.~~

~~**3.2 Units of measurement**~~

~~3.2.1 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.~~

~~**3.3 Undated reference**~~

~~3.3.1 Any undated reference to a code or standard appearing in the requirements of this standard shall be interpreted as referring to the latest edition of that code or standard.~~

**3A Components**

3A.1 A component of a product covered by this Standard shall:

a) Comply with the requirements for that component as specified in this Standard;

b) Be used in accordance with its rating(s) established for the intended conditions of use; and

c) Be used within its established use limitations or conditions for acceptability.

3A.2 A component of a product covered by this Standard is not required to comply with a specific component requirement that:

a) Involves a feature or characteristic not required in the application of the component in the product covered by this standard; or

b) Is superseded by a requirement in this Standard; or

c) Is separately evaluated when forming part of another component, provided the component is used in accordance with its established ratings and limitations.

3A.3 Specific components are incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits, and shall be used only under those specific conditions.

3A.4 A component that is also intended to perform other functions such as overcurrent protection, ground-fault circuit-interruption, surge suppression, any other similar functions, or any combination thereof, shall comply additionally with the requirements of the applicable standard(s) that cover devices that provide those functions.

**3B Units of Measurement**

3B.1 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.

**3C Referenced Publications**

3C.1 Any undated reference to a code or standard appearing in the requirements of this Standard shall be interpreted as referring to the latest edition of that code or standard.

3C.2 The following publications are referenced in this Standard:

ASTM E28, Standard Test Methods for Softening Point of Resins Derived from Pine Chemicals and Hydrocarbons, by Ring-and-Ball Apparatus

ASTM E230/E230M, Standard Specification for Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples

NFPA 99, Health Care Facilities Code

UL 5, Surface Metal Raceways and Fittings

UL 50, Enclosures for Electrical Equipment, Non-Environmental Considerations

UL 94, Tests for Flammability of Plastic Materials for Parts in Devices and Appliances

UL 224, Extruded Insulating Tubing

UL 486A – 486B, Wire Connectors

UL 510, Polyvinyl Chloride, Polyethylene and Rubber Insulating Tape

UL 723, Test for Surface Burning Characteristics of Building Materials

UL 1022, Line Isolation Monitors

UL 5085-1, Low-Voltage Transformers – Part 1: General Requirements

UL 5085-2, Low-Voltage Transformers – Part 2: General Purpose Transformers

UL 5085-3, Low-Voltage Transformers – Part 3: Class 2 and 3 Transformers

9.6 With reference to 9.4(a), determination of the softening point of a sealing compound is to be made in accordance with ~~the American Society for Testing and Materials Standard Test for Softening Point by Ring and Ball Apparatus,~~ ASTM E28~~-1967~~.

15.1 An isolated power center intended to supply x-ray equipment only is considered to be intended for intermittent duty. The equipment shall consist of an isolation transformer, line isolation monitor, secondary branch-circuit protection, and a ground bus. The output of the equipment shall provide for only one circuit at a time that is provided with secondary overload protection of 60 A maximum.

*Exception: An isolated power center may supply more than one circuit at a time if the electrical system is in accordance with the Exception to Article 12-4.1.2.6(d) or with Article 12-4.1.2.6(e) in ~~the Standard for Health Care Facilities,~~ NFPA 99~~-1993~~.*

21.6 Insulation of leads shall be noted for the conditions of service, shall not be less than 0.028 in (0.71 mm) thick, and shall comply with the requirements for materials classified V-0 in ~~the Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances,~~ UL 94.

*Exception No. 1: These requirements do not apply to turn-to-turn insulation of a winding.*

*Exception No. 2: These requirements do not apply to thermoplastic tubing and insulated wire, that complies with:*

*a) The requirements for the material (see ~~components,~~ Section 3~~.1~~, Components);*

*b) The requirements in 20.14 and 17.1, and*

*c) The Type FR-1 flammability requirements.*

28.1 The inherent regulation of the transformers at rated input voltage shall be such that the difference between output voltage at no load and output voltage at rated current at unity power factor shall not exceed 3 percent of the output voltage at rated current. The transformer shall be operated at 1/4 load for 2 ~~h~~ hours prior to making measurements.

29.14 A temperature is considered to be constant when three successive readings, taken at intervals of 10 percent of the previously elapsed duration of the test (but not less than 15-min intervals), indicate no change. The thermocouples and related instruments are to be accurate and calibrated in accordance with good laboratory practice. The thermocouple wire is to conform with the requirements specified in the Tolerances on Initial Values of EMF Versus Temperature tables in ASTM E230/E230M ~~Initial Calibration Tolerances for Thermocouples table in Temperature Measurement Thermocouples, ANSI/ISA MC96.1~~.

31.1 Isolated power systems equipment shall withstand for 1 ~~min~~ minute without breakdown the application of a 60-Hz sinusoidal potential of 1000 V plus twice rated voltage:

a) Between live parts in the primary circuit and dead metal parts with all switching devices closed.

b) Between live parts in the secondary circuit and dead metal parts with all switching devices closed.

c) Between live parts of opposite polarity in the primary circuit, with all switching devices closed. See 30.3.

d) Between live parts of opposite polarity in the secondary circuit, with all switching devices closed. See 30.3.

e) Between primary circuit and secondary circuit.

31.5 To determine that equipment complies with the requirements in 31.1, the applied potential is to be increased from zero until the required test level is reached, and is to be held at that level for 1 ~~min~~ minute. The increase in the applied potential is to be at a substantially uniform rate and as rapid as is consistent with its value being correctly indicated by a voltmeter.

## APPENDIX A

**Standards for Components**

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

Title of Standard – UL Standard Designation

Attachment Plugs and Receptacles – UL 498
Building Materials, Tests for Surface Burning Characteristics of – UL 723
Enclosures for Electrical Equipment – UL 50
Circuit Breakers, Molded-Case, Molded-Case Switches and Circuit-Breaker Enclosures – UL 489
Cord Sets and Power-Supply Cords – UL 817
Fittings, Conduit, Tubing, and Cable – UL 514B
Flammability of Plastic Materials for Parts in Devices and Appliances, Tests for – UL 94
Flexible Cords and Cables – UL 62
Fuseholders – Part 1: General Requirements – UL 4248-1
Fuseholders – Part 4: Class CC – UL 4248-4
Fuseholders – Part 5: Class G – UL 4248-5
Fuseholders – Part 6: Class H – UL 4248-6
Fuseholders – Part 8: Class J – UL 4248-8
Fuseholders – Part 9: Class K – UL 4248-9
Fuseholders – Part 11: Type C (Edison Base) and Type S Plug Fuses – UL 4248-11
Fuseholders – Part 12: Class R – UL 4248-12
Fuseholders – Part 15: Class T – UL 4248-15
Grounding and Bonding Equipment – UL 467
Line Isolation Monitors – UL 1022
Outlet Boxes, Flush-Device Boxes and Covers, Nonmetallic – UL 514C
Outlet Boxes, Metallic – UL 514A
Panelboards – UL 67
Polymeric Materials – Fabricated Parts – UL 746D
Polymeric Materials – Long Term Property Evaluations – UL 746B
Polymeric Materials – Short Term Property Evaluations – UL 746A
Polymeric Materials – Use in Electrical Equipment Evaluations – UL 746C
Power Units Other Than Class 2 – UL 1012
Signaling and Nurse Call Equipment, Hospital – UL 1069
Surface Metal Raceways and Fittings – UL 5
Switches, General-Use Snap – UL 20
Switches, Special-Use – UL 1054 or
Switches for Appliances – Part 1: General Requirements – UL 61058-1
Terminal Blocks – UL 1059
Time-Indicating and Recording Appliances – UL 863
Transformers, Low Voltage – Part 1: General Requirements – UL 5085-1
Transformers, Low Voltage – Part 2: General Purpose Transformers – UL 5085-2
Transformers, Low Voltage – Part 3: Class 2 and Class 3 Transformers – UL 5085-3
Tubing, Extruded Insulating – UL 224
Wire Connectors – UL 486A-486B
Wires and Cables, Thermoplastic-Insulated – UL 83
Wires and Cables, Thermoset-Insulated – UL 44

**BSR/UL 2075, Standard for Safety for Gas and Vapor Detectors and Sensors**

**1. Revisions to the Alternate Temperature Test**

## PROPOSAL

34.2 A material or part is to be considered as being adversely affected if it is subject to a temperature rise greater than that indicated in Table 34.1.

*Exception: A ~~component~~ part with a temperature exceeding that indicated in Table 34.1 is not prohibited from being used when reliability data at the higher temperature is provided by the manufacturer to justify its use.*

**BSR/UL 3300, Standard for Safety for Service, Communication, Information, Education and Entertainment Robots – SCIEE Robots**

**1. Correction of reference to "Labeling"**

## PROPOSAL

**E.1.4 Method 3b, test for manipulators**

See test method in ISO~~/FDIS~~ 10218-1~~:2024~~, Test methodology for Class I robots – Maximum force per manipulator ($F_{MPM}$).

**2. Clarification of emergency stop**

## PROPOSAL

**8.8 Entrapment**

Robots shall be provided with one or more safety functions to mitigate the risk of entrapment.

~~If an emergency stop function is used to mitigate the risk of entrapment, the emergency stop function shall comply with ISO 13850.~~

**8.11 Other safety functions**

**8.11.5 Emergency stop**

If an emergency stop function is used, the emergency stop function shall comply with ISO 13850.

**3. Obstacle recognition related testing for artificial intelligence enabled robot**

## PROPOSAL

**8.15 Artificial intelligence and machine learning**

When artificial intelligence and machine learning is used in a safety-related function or could impact a safety-related function, it shall comply with Functional safety in 8.4. ~~adhere to the requirements outlined for functional safety within 8.4, Functional safety, based on risk assessment.~~

NOTE ~~At the time of development of UL 3300, existing safety standards do not address AI/machine learning in detail. However, it is expected that future editions and standards will have more details e.g. IEC 61508 or UL 4600.~~ See ISO/IEC TR 5469 for guidance.

**Bibliography**

ISO/IEC TR 5469, *Artificial intelligence — Functional safety and AI systems*

**4. Correction of reference to "Method of Covering Enclosures with Foil for Measurements and Tests"**

## PROPOSAL

**7.2.6.3 All other robots**

For all other robots:

The test shall be performed in accordance with I~~EC 60068-2-64 as described in the Vibration Endurance Test of~~ UL/ULC 2271, Vibration endurance test. ~~The robot is to be subjected to random vibration along three perpendicular axes in space in a sequence starting with the vertical axes (Z) and ending with the longitudinal axis (X). The robot shall be subjected to vibration in each axis for 21 h. For each axis, the frequency shall be varied from 5 Hz to 200 Hz with power spectral density (PSD) for the vertical (Z) axis, the longitudinal (X) axis, and the transverse (Y) axis as outlined in ISO 12405-4.~~