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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.

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 D11.2/D11.2M-202x, Guide for Welding Iron Castings (revision of ANSI/AWS D11.2/D11.2M-2025)

Stakeholders: Welders, welding operators, fabricators, and engineers.

Project Need: There is a need for instruction and guidance on qualifying welders, operators, and welding procedures as it relates to welding iron castings.

Interest Categories: General Interest, Producer, User

This standard presents briefly the history and metallurgy of cast iron and the welding processes applicable to it. A weldability test for cast irons is described in detail and instructions given for its application in specific cases. Provision is made for qualification of welding procedures and welders when necessary; quality control practice is also included.

BIFMA (Business and Institutional Furniture Manufacturers Association)

Anthony Serge <aserge@bifma.org> | 678 Front Avenue NW, Suite 150 | Grand Rapids, MI 49504-5368 www.bifma.org

Revision

BSR/BIFMA X5.4-202x, Public and Lounge Seating (revision of ANSI/BIFMA X5.4-2020 (R2025))

Stakeholders: Furniture manufacturers, suppliers, specifiers, test labs and users

Project Need: This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of business and institutional public and lounge seating.

Interest Categories: Producers/Manufacturers, Engineering & Testing/Standards User, Supply Chain, General Interest

This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of business and institutional public and lounge seating. Public and lounge seating is normally used in indoor common/shared spaces such as waiting, reception, visitor seating in patient rooms, restaurant/dining/cafeteria settings and other gathering areas.

BIFMA (Business and Institutional Furniture Manufacturers Association)

Anthony Serge <aserge@bifma.org> | 678 Front Avenue NW, Suite 150 | Grand Rapids, MI 49504-5368 www.bifma.org

Revision

BSR/BIFMA X5.41-202x, Large Occupant Public and Lounge Seating (revision of ANSI/BIFMA X5.41-2021)

Stakeholders: This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of large occupant public and lounge seating.

Project Need: This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of business and institutional large occupant public and lounge seating. Large occupant public and lounge seating is normally used in indoor common/shared spaces such as waiting, reception, visitor seating in patient rooms, restaurant/dining/cafeteria settings and other gathering areas.

Interest Categories: Furniture manufacturers, suppliers, specifiers, test labs and users

This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of business and institutional large occupant public and lounge seating. Large occupant public and lounge seating is normally used in indoor common/shared spaces such as waiting, reception, visitor seating in patient rooms, restaurant/dining/cafeteria settings and other gathering areas.

BIFMA (Business and Institutional Furniture Manufacturers Association)

Anthony Serge <aserge@bifma.org> | 678 Front Avenue NW, Suite 150 | Grand Rapids, MI 49504-5368 www.bifma.org

Revision

BSR/BIFMA X6.4-202x, Occasional-Use Seating (revision of ANSI/BIFMA X6.4-2021)

Stakeholders: Furniture manufacturers, suppliers, specifiers, test labs and users

Project Need: This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of occasional-use seating.

Interest Categories: Producers/Manufacturers, Engineering & Testing/Standards User, Supply Chain, General Interest

This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of business and institutional occasional-use seating. Occasional-use seating is normally used in indoor common/shared spaces such as waiting, reception, visitor seating in patient rooms, restaurant/dining/cafeteria settings and other gathering areas.

IES (Illuminating Engineering Society)

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

Revision

BSR/IES RP-39-202x, Recommended Practice: Off-Roadway Sign Luminance (revision of ANSI/IES RP-39-19)

Stakeholders: Professionals from the sign industry. Sign lighting design professionals and planners. Environmental impact professionals. DarkSky. Scenic America. Sign installation contractors. Business/advertisement owners.

Project Need: Update the recommendations and guidelines only for the lighting of signs that are located off the right of way of roadways—in other words, all signs not regulated by a federal, state, provincial, or local jurisdiction—and includes on- and off-premise, internally and externally illuminated, and electronic signs.

Interest Categories: Producer Interest Category (P), USER-Specifier (US), UESR-Affected (UA), USER-Public Interest (UP), Academic, Research (GAR), Organizational Member Category (OM).

The effect on the community and environment should be carefully weighed whenever lighting of off-roadway signs is considered. Lighting should maintain the minimum luminance required for visibility and be extinguished when no longer needed, to minimize the negative impact of glare, light trespass, sky glow, on safety and the environment, and driver distraction. The recommendations in this document include restrictions on maximum sign luminance; lower luminance may be desirable and appropriate, depending on the graphic content of the sign and the background luminance of the surroundings. The design of the graphic content of the sign contributes prominently to the visibility of the sign and should be considered. In general, light backgrounds and dark text produce more glare, light trespass, and sky glow than dark backgrounds and light text.

MHI (Material Handling Industry)

Patrick Davison <pdavison@mhi.org> | 8720 Red Oak Boulevard, Suite 201 | Charlotte, NC 28217 www.mhi.org

Revision

BSR/MH16.1-202X, Design, Testing, and Utilization of Industrial Steel Storage Racks (revision of ANSI MH16.1-2023)

Stakeholders: Material handling, warehousing, and distribution

Project Need: Revise existing standard to include guidance on drive-in and drive-through storage rack designs

Interest Categories: Manufacturer, User, Distributor/Integrator, Laboratory/Researcher, Government/Regulatory, General Interest

The purpose of this standard is to specify minimum requirements for the structural design, testing, and utilization of industrial steel storage racks.

MHI (Material Handling Industry)

Patrick Davison <pdavison@mhi.org> | 8720 Red Oak Boulevard, Suite 201 | Charlotte, NC 28217 www.mhi.org

New Standard

BSR/MH30.4-202X, Design, Testing, and Utilization of Trailer Collapse Prevention Devices (new standard)

Stakeholders: Loading dock operations, logistics

Project Need: Develop new standard for a product where a standard does not currently exist.

Interest Categories: Manufacturer, User, Distributor/Integrator, Laboratory/Researcher, Government/Regulatory, General Interest

This standard provides requirements and guidelines for trailer collapse prevention devices. Trailer collapse prevention devices, commonly referred to as trailer stands, trailer jacks, or jack stands, devices, are designed to serve as secondary support systems for semi-trailers with deployed landing gear in the event of landing gear failure. Trailer collapse prevention devices are used to stabilize and level trailers to resist movement and wobbling, providing stabilization for semi-trailer loading and unloading activities.

MHI (Material Handling Industry)

Patrick Davison <pdavison@mhi.org> | 8720 Red Oak Boulevard, Suite 201 | Charlotte, NC 28217 www.mhi.org

Revision

BSR/MH31.1-202X, Steel Mesh Containment Panels Used in Pallet Rack and Vertical Storage System Applications: Performance and Testing Requirements (revision of ANSI MH31.1-2019)

Stakeholders: Manufacturing, warehousing, distribution.

Project Need: This standard is being revised in accordance with ANSI's requirements for revising existing standards.

Interest Categories: Manufacturer; Distributor/Integrator; User; Government/Regulatory; Laboratory/Researcher; General Interest

The purpose of this standard is to serve as the guide for stakeholders of steel mesh containment panels used in pallet rack and vertical storage system applications and to provide guidelines for the design and testing of steel mesh containment panels used in storage systems; to promote the understanding of the respective responsibilities of stakeholders associated with steel mesh containment panels used in storage systems; and to provide a uniform means of testing steel mesh containment panels.

MHI (Material Handling Industry)

Patrick Davison <pdavison@mhi.org> | 8720 Red Oak Boulevard, Suite 201 | Charlotte, NC 28217 www.mhi.org

Revision

BSR/ACE 15-202X, Cable-less Controls for Electric Overhead Traveling Cranes (revision of ANSI/MHI ECMA 15-2018)

Stakeholders: Overhead crane manufacturers, distributors, users, and related industries

Project Need: Update and revise existing standard

Interest Categories: Manufacturer, User, Distributor/Integrator, Laboratory/Researcher, Government/Regulatory, General Interest

This standard provides the minimum requirements and guidelines for cable-less controls of electric overhead traveling cranes. A cable-less control device as referenced in this standard uses radio frequency signals to control the movements and actions of said cranes for applications such as material handling.

MHI (Material Handling Industry)

Patrick Davison <pdavison@mhi.org> | 8720 Red Oak Boulevard, Suite 201 | Charlotte, NC 28217 www.mhi.org

Revision

BSR/ACE 25-202X, AC Inverters for Electronic Overhead, Monorail, and Gantry Traveling Cranes (revision of ANSI/MHI ECMA 25-2019)

Stakeholders: Overhead crane manufacturers, distributors, users, and related industries

Project Need: Update and revise existing standard

Interest Categories: Manufacturer, User, Distributor/Integrator, Laboratory/Researcher, Government/Regulatory, General Interest

This standard applies to AC Inverters for use on electric overhead, monorail, and gantry traveling cranes. AC Inverters are also referred to as variable frequency drives, adjustable frequency drives, or variable speed drives. The guidance in this standard is general in nature. Other and more detailed requirements may be agreed upon between the purchaser and the manufacturer to suit each specific installation.

ULSE (UL Standards and Engagement)

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

National Adoption

BSR/UL 60730-2-23-202x, Standard for automatic electrical controls - Part 2-23: Particular requirements for electrical sensors and sensing elements (national adoption with modifications of IEC 60730-2-23)

Stakeholders: Manufacturers of electrical sensors and sensing elements; appliance/HVAC and building-controls OEMs and integrators; testing and certification bodies; AHJs; and industrial/commercial end users.

Project Need: U.S. stakeholders (manufacturers, OEM integrators, testing/certification bodies, AHJs, and end users) need a nationally recognized standard for electrical sensors and sensing elements used in automatic electrical controls. This project adopts IEC 60730-2-23 with national differences to reflect U.S. safety practices and market usage. Establishing an ANS will improve consistency in safety requirements, align national practice with the latest international edition, address contemporary hazards (e.g., mis-sensing, environmental influences, and component interoperability), and support conformity assessment and certification programs in North America.

Interest Categories: Producers; Users (Industrial/Commercial); AHJs (Government/Regulatory);

Testing/Inspection/Certification; Government; Consumers; General Interest.

This part of IEC 60730 applies to the safety of electrical, electromechanical and electronic sensors including sensing elements and any conditioning circuitry. Sensors covered under the scope of this document serve only to transform an activating quantity into a usable output and do not perform a control operation as defined in IEC 60730-1.

VITA (VMEbus International Trade Association (VITA))

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

New Standard

BSR/VITA 46.32-202x, VPX Connector Supporting 56 Gbaud Class Data Rates (new standard)

Stakeholders: Manufacturers, suppliers, and users of modular embedded computers

Project Need: Standardize a connector capable of 56 Gbaud data rates for the VPX ecosystem.

Interest Categories: Producers, Users, General Interest

VITA 46.32 defines a standard for a VPX connector that supports data rates to 56GB, higher than VITA 46.30 and VITA 46.31, for protocols such as 200GBASE-KR4 Ethernet and PCIe Gen 5. These high-data-rate connectors compliant to VITA 46.32 are intermateable to legacy VITA 46.X backplane connectors and follow the same form factor.

Call for Comment on Standards Proposals

American National Standards

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

Comment Deadline: December 7, 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 B30.18-202x, Stacker Cranes (Top or Under Running Bridge, Multiple Girder with Top or Under Running Trolley Hoist) (revision of ANSI/ASME B30.18-2021)

Volume B30.18 includes provisions that apply to the construction, installation, operation, inspection, and maintenance of hand-powered and power-driven overhead and gantry cranes that have a top or under running multiple girder bridge with a vertically guided carriage, with or without a top or under running trolley.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Kathleen Peterson <peterstonk@asme.org>

NSF (NSF International)

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

Revision

BSR/NSF 173-202x (i118r1), Dietary Supplements (revision of ANSI/NSF 173-2024a)

This standard contains requirements for dietary supplements that contain one or more of the following dietary ingredients: a vitamin, a mineral, an herb or other botanical, an amino acid, a dietary substance for use by humans to supplement the diet by increasing the total dietary intake, or a concentrate, metabolite, constituent, extract, or combinations of these ingredients.

[Click here to view these changes in full](#)

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

Comment Deadline: December 7, 2025

NSF (NSF International)

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

Revision

BSR/NSF 173-202x (i124r2), Dietary Supplements (revision of ANSI/NSF 173-2024a)

This standard contains requirements for dietary supplements that contain one or more of the following dietary ingredients: a vitamin, a mineral, an herb or other botanical, an amino acid, a dietary substance for use by humans to supplement the diet by increasing the total dietary intake, or a concentrate, metabolite, constituent, extract, or combinations of these ingredients.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Rachel Brooker <rbooker@nsf.org>

ULSE (UL Standards and Engagement)

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

National Adoption

BSR/UL 60335-2-29-202x, Standard for Household and Similar Electrical Appliances - Safety - Part 2-29: Particular Requirements for Battery Chargers (national adoption of IEC 60335-2-29 with modifications and revision of ANSI/UL 60335-2-29-2023)

Addition to National Difference 15.101ADV D1.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: <https://csds.ul.com/ProposalAvailable>

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 555-202x, Standard for Fire Dampers (revision of ANSI/UL 555-2020)

Recirculation of the following topics: (2) Formatting and Typo Corrections; (4) Salt Spray Samples Sizes; (5) Expanded Cautionary Statement; (7) Concrete Cure Time; (9) Compliance Criteria Clarification.

[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: December 22, 2025

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 032-202x, Standard for a Training Program in Bloodstain Pattern Analysis (new standard)

This document provides minimum pre-training educational requirements for an individual currently in, or entering into, a bloodstain pattern analyst training program, and the minimum training requirements that a trainee must successfully complete prior to practicing as a bloodstain pattern analyst. This document also includes the required components of a mentorship program, including mentoring and evaluation of casework, mock casework, as well as courtroom preparation and testimony.

Single copy price: Free

Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: <https://www.aafs.org/academy-standards-board>

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

Comment Deadline: December 22, 2025

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 173-202x, Standard for Education, Training, Continuing Education, and Certification of Forensic Toxicology Laboratory Personnel (new standard)

This document provides minimum requirements for educational qualifications, training, competency, experience, continuing education, and certification of laboratory personnel performing, interpreting, or overseeing forensic toxicology analyses, as well as anyone performing breath alcohol instrument calibration. This applies to the following sub-disciplines: postmortem toxicology, human performance toxicology (e.g., drug-facilitated crimes and driving-under-the-influence of alcohol or drugs), non-regulated employment drug testing, and other forensic testing (e.g., court-ordered toxicology, general forensic toxicology). The following are outside the scope of this document: laboratory personnel that exclusively perform administrative or non-technical duties; individuals working as breath alcohol instrument operators; individuals performing calibration adjustments to breath alcohol instruments; individuals who solely perform instrument maintenance activities; or individuals engaged in expert consultation outside of a forensic toxicology laboratory.

Single copy price: Free

Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: <https://www.aafs.org/academy-standards-board>

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

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611 | medick@ada.org, www.ada.org

Reaffirmation

BSR/ADA Standard No. 108 (R202x), Dentistry - Amalgam Separators (reaffirm a national adoption ANSI/ADA Standard No. 108-2009)

This document specifies requirements and test methods for amalgam separators used in connection with dental equipment in the dental treatment center. It specifies the efficiency of the amalgam separators in terms of the level of retention of amalgam based on a laboratory test and the test procedure for determining this efficiency. It also includes requirements for the safe functioning of the amalgam separator, for marking, and for instructions for use, operation, and maintenance. All tests described in this specification are type tests.

Single copy price: Free

Obtain an electronic copy from: standards@ada.org

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

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611 | medick@ada.org, www.ada.org

Revision

BSR/ADA Standard No. 2000.9-202x, SNODENT (revision and redesignation of ANSI/ADA Standard No. 2000.8 -2025 SNODENT)

SNODENT provides a needed standardized code set for the representation of clinical oral health descriptions captured by dentists that is interoperable across healthcare systems and with electronic health record systems.

Single copy price: Free

Obtain an electronic copy from: standards@ada.org

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

Comment Deadline: December 22, 2025

ALI (ASC A14) (American Ladder Institute)

1300 Sumner Avenue, Cleveland, OH 4115-2851 | sorenga@thomasamc.com, www.americanladderinstitute.org

New Standard

BSR A14.7-202x, Safety Requirements for Mobile Ladder Stands and Mobile Ladder Stand Platforms (new standard)

This standard prescribes rules and requirements governing the proper design, construction, testing, care, use, and maintenance of mobile ladder stands and mobile ladder stand platforms including labeling/marketing of these units. The purpose of this standard is to provide reasonable safety for life, limb, and property by establishing requirements for the design, construction, testing, care, maintenance, and use of mobile ladder stands and mobile ladder stand platforms.

Single copy price: Free

Obtain an electronic copy from: info@americanladderinstitute.org

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

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 | EscuderoD@api.org, www.api.org

Reaffirmation

BSR/API MPMS Chapter 7.5/ISO 8310-2012 (R202x), Automatic Tank Temperature Measurement Onboard Marine Vessels Carrying Refrigerated Hydrocarbon and Chemical Gas Fluids (reaffirm a national adoption ANSI/API MPMS Chapter 7.5/ISWO 8310-2012 (R2020))

Specifies the essential requirements and verification procedures for automatic tank thermometers (ATTs) consisting of platinum resistance thermometers (PRT) and an indicating device used for custody transfer measurement of liquefied natural gas, liquefied petroleum, and chemical gases on board ships. Temperature detectors other than PRT are considered acceptable for use in the custody transfer service of liquefied gases if they meet the performance requirements of this document and are approved by national regulations.

Single copy price: \$3.00

Obtain an electronic copy from: escuderoD@api.org

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

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE S276.8 APR2016 (R202x), Slow-Moving Vehicle Identification Emblem (SMV Emblem) (reaffirmation and redesignation of ANSI/ASAE S276.8 APR2016 (R2020) Cor 1)

This Standard establishes specifications that define a unique identification emblem, the Slow-Moving Vehicle Emblem (SMV Emblem), to be used only for slow-moving machines (vehicles), when operated or traveling on public roads. The requirements and applications of the standard are defined in the standard. The purpose is to communicate to third parties the slower speed capabilities of the slow-moving vehicle to other vehicle(s) using public roads. The primary application of this SMV emblem will be with implements of husbandry but may be used with other machines or vehicles that travel at speeds less than 40 km/h (25 mile/h) and in combination with a Speed Information

Single copy price: Free

Obtain an electronic copy from: stell@asabe.org

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

Comment Deadline: December 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

Reaffirmation

BSR/ASME B30.19-2016 (R202x), Cableways (reaffirmation of ANSI/ASME B30.19-2016)

The scope of B30.19 applies to all load transporting, hoisting, and lowering cable-supported systems operating on and supported from track cable(s).

Single copy price: \$60.00

Obtain an electronic copy from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments (copy psa@ansi.org) to: Kathleen Peterson <peterstonk@asme.org>

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME B30.1-202x, Jacks, Industrial Rollers, Air Casters, and Hydraulic Gentries (revision of ANSI/ASME B30.1-2020)

Volume B30.1 includes provisions that apply to the construction, operation, inspection, testing, and maintenance of mechanical ratchet jacks, hand- or power-operated mechanical screw jacks, hand- or power-operated hydraulic jacks, air-lifting bags, industrial rollers, air casters, telescopic hydraulic gantry systems, and strand jacks.

Single copy price: Free

Obtain an electronic copy from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments (copy psa@ansi.org) to: Kathleen Peterson <peterstonk@asme.org>

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME B30.17-202x, Cranes and Monorails (with Underhung Trolley or Bridge) (revision of ANSI/ASME B30.17-2020)

Volume B30.17 includes provisions that apply to the construction, installation, operation, inspection, testing, and maintenance of hand-operated and power-operated overhead cranes and monorail systems with an underhung trolley and/or bridge.

Single copy price: Free

Obtain an electronic copy from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments (copy psa@ansi.org) to: Kathleen Peterson <peterstonk@asme.org>

Comment Deadline: December 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 BPVC Section III-202x, Rules for Construction of Nuclear Facility Components (revision of ANSI/ASME BPVC Section III-2025)

The rules of Section III constitute requirements for the design, construction, stamping, and overpressure protection of items used in nuclear power plants and other nuclear facilities. Section III consists of the following divisions: (a) Division 1. Metallic vessels, heat exchangers, storage tanks, piping systems, pumps, valves, core support structures, supports, and similar items; (b) Division 2. Concrete containment vessels; (c) Division 3. Metallic containment systems for storage or transportation of spent nuclear fuel and high-level radioactive materials and waste; (d) Division 4. Fusion Energy Devices; (e) Division 5. High Temperature Reactors.

Single copy price: Free

Obtain an electronic copy from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments (copy psa@ansi.org) to: Adam Maslowski <maslowskia@asme.org>

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK70499-202x, Practice for Inspections and Maintenance of Permanently Installed Indoor Gymnasium Equipment (new standard)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

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

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK87846-202x, Test Method for Accelerated Biological Mass Loss Lignocellulosic Materials Used in Artificial Turf (new standard)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

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

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK90340-202x, Guide for Sports Facility Padding (new standard)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

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Comment Deadline: December 22, 2025

ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM E906/E906M-2021 (R202x), Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using a Thermopile Method (reaffirmation of ANSI/ASTM E906/E906M-2021)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

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Reaffirmation

BSR/ASTM E1822-2021 (R202x), Test Method for Fire Testing of Stacked Chairs (reaffirmation of ANSI/ASTM E1822-2021)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

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Reaffirmation

BSR/ASTM F3507-2021 (R202x), Practice for Butt-Fusion Joining of Crosslinkable Polyethylene (CX-PE) Pipe and Tubing (reaffirmation of ANSI/ASTM F3507-2021)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

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Revision

BSR/ASTM D2513-202x, Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513-2024)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

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

Revision

BSR/ASTM D2774-202x, Practice for Underground Installation of Thermoplastic Pressure Piping (revision of ANSI/ASTM D2774-2021A)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

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Revision

BSR/ASTM E119-202x, Test Methods for Fire Tests of Building Construction and Materials (revision of ANSI/ASTM E119-2024)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

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ASTM (ASTM International)

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Revision

BSR/ASTM E329-202x, Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection (revision of ANSI/ASTM E329-2025)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

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

Revision

BSR/ASTM E648-202x, Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source (revision of ANSI/ASTM E648-2025)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

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Comment Deadline: December 22, 2025

ASTM (ASTM International)

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

Revision

BSR/ASTM F480-202x, Specification for Thermoplastic Well Casing Pipe and Couplings Made in Standard Dimension Ratios (SDR), SCH 40 and SCH 80 (revision of ANSI/ASTM F480-2014 (R2022))

<https://www.astm.org/get-involved/technical-committees/ansi-review>

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Revision

BSR/ASTM F512-202x, Specification for Smooth-Wall Poly(Vinyl Chloride) (PVC) Conduit and Fittings for Underground Installation (revision of ANSI/ASTM F512-2019 (R2024))

<https://www.astm.org/get-involved/technical-committees/ansi-review>

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Revision

BSR/ASTM F656-202x, Specification for Primers for Use in Solvent Cement Joints of Poly(Vinyl Chloride) (PVC) Plastic Pipe and Fittings (revision of ANSI/ASTM F656-2021)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

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Revision

BSR/ASTM F1217-202x, Specification for Cooker, Steam (revision of ANSI/ASTM F1217-2017 (R2023))

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

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Revision

BSR/ASTM F1360-202x, Specification for Ovens, Microwave, Electric (revision of ANSI/ASTM F1360-2025)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

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Comment Deadline: December 22, 2025

ASTM (ASTM International)

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

Revision

BSR/ASTM F1488-202x, Specification for Coextruded Composite Pipe (revision of ANSI/ASTM F1488-2025)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

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Revision

BSR/ASTM F1495-202x, Specification for Combination Oven Electric or Gas Fired (revision of ANSI/ASTM F1495-2020)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

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ASTM (ASTM International)

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

Revision

BSR/ASTM F1498-202x, Specification for Taper Pipe Threads 60 for Thermoplastic Pipe and Fittings (revision of ANSI/ASTM F1498-2008 (R2020))

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

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

Revision

BSR/ASTM F1545-202x, Specification for Plastic-Lined Ferrous Metal Pipe, Fittings, and Flanges (revision of ANSI/ASTM F1545-2015 (R2021))

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

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Comment Deadline: December 22, 2025

ASTM (ASTM International)

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

Revision

BSR/ASTM F1807-202x, Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps, for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F1807-2023)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

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Revision

BSR/ASTM F1919-202x, Specification for Griddles, Single-Sided and Double-Sided, Gas and Electric (revision of ANSI/ASTM F1919-2014 (R2020))

<https://www.astm.org/get-involved/technical-committees/ansi-review>

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Revision

BSR/ASTM F2092-202x, Specification for Convection Oven Gas or Electric (revision of ANSI/ASTM F2092-2024)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

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ASTM (ASTM International)

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

Revision

BSR/ASTM F2929-202x, Specification for Crosslinked Polyethylene (PEX) Tubing of 0.070 in. Wall and Fittings for Radiant Heating Systems up to 75 psig (revision of ANSI/ASTM F2929-2025)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

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ASTM (ASTM International)

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

Revision

BSR/ASTM F3077-202x, Specification for Eye Protectors for Womens Lacrosse (revision of ANSI/ASTM F3077-2021)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

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ASTM (ASTM International)

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

Revision

BSR/ASTM F3347-202x, Specification for Metal Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F3347-2023)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

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ASTM (ASTM International)

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Withdrawal

ANSI/ASTM F2434-2019, Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene (PEX-AL-PEX) Tubing (withdrawal of ANSI/ASTM F2434-2019)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

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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

Revision

BSR/EIA 364-110A-202x, Thermal Cycling Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA/ECA 364-110-2006 (R2019))

This standard establishes a test method to expose connectors and sockets to extremes of high and low temperatures at a specified ramp-up and ramp-down rate.

Single copy price: \$78.00

Obtain an electronic copy from: store accuristech.com

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

Comment Deadline: December 22, 2025

ECIA (Electronic Components Industry Association)

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

Revision

BSR/EIA 364-120A-202x, Electrolytic Erosion Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-120-2019)

This test standard establishes a test method to determine if the pin contacts show any exposure of the base metal due to electrolytic erosion.

Single copy price: \$75.00

Obtain an electronic copy from: store accuristech.com

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

HPS (ASC N13) (Health Physics Society)

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

Reaffirmation

BSR HPS N13.53 (R202x), Control and Release of Technologically Enhanced Naturally Occurring Radioactive Material (TENORM) (reaffirmation of ANSI N13.53-2009 (R2016))

The standard provides general guidance for the control and release of Technologically Enhanced Naturally Occurring Radioactive Material (TENORM). Dose limits and release criteria for products and wastes containing TENORM are presented. The standard applies to the practices that use, process, recycle, or reuse, and distribute TENORM including generation and disposal of wastes.

Single copy price: \$60.00

Obtain an electronic copy from: awride-graney@burkinc.com

Send comments (copy psa@ansi.org) to: Amy Wride-Graney <awride-graney@burkinc.com>

IES (Illuminating Engineering Society)

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

Revision

BSR/IES LP-12-202x, Lighting Practice: IoT Connected Lighting (revision of ANSI/IES LP-12-21)

The purpose of this document is to serve as a design guide and to provide lighting professionals with the necessary information to consider and evaluate potential connected lighting and IoT solutions and applications. This revision includes visible light communication, bluetooth, updated data speeds, mention of Lifi, customer & asset data analysis uses, personal tuning, security uses, use of LTE-M.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

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

Comment Deadline: December 22, 2025

IES (Illuminating Engineering Society)

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

Revision

BSR/IES RP-27-202x, Recommended Practice: Photobiological Safety for Lighting Systems (revision of ANSI/IES RP-27-20)

Classification, labeling, and informational requirements for lamps that emit optical radiation in the wavelength range from 200 nm to 3000 nm. Normative & informative references added, change to the 500-lux distance calculation, UV radiation Risk Group duration, NEI setting, optical system notes, average of subtended angles, changes to the lumen-to-radiant power conversion, revisions to Table A-2 Spectral Weighting Function, equations for retinal blue light hazard exposure limit.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

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

ISA (International Society of Automation)

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

National Adoption

BSR/ISA 63082-2-202x, Intelligent device management - Part 2: Requirements and recommendations (identical national adoption of IEC 63082-2:2024)

The purpose of the IEC 63082 series is to define an environment that enables the effective use of intelligent devices. The IEC 63082 series defines common concepts, terminology, and management activities.

Single copy price: \$9.00

Obtain an electronic copy from: standards@isa.org

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

ISTA (International Safe Transit Association)

1400 Abbot Road, Suite 160, East Lansing, MI 48823 | ehiser@ista.org, www.ista.org

Revision

BSR/ISTA 3E-202x, Similar Packaged-Products in Unitized Loads for Truckload Shipment (revision of ANSI/ISTA Procedure 3E-2017)

Procedure 3E is a general simulation test for unitized loads of similar retail or institutional packaged-products shipped from a manufacturing location to a distribution center. The unitized loads of packaged-products are shipped through a motor carrier (truck) delivery system, where an entire trailer-load is filled with unitized packaged-products, often of similar retail packaged-products, intended for one destination. This type of shipment is called Full Truckload (FTL).

Single copy price: Free

Obtain an electronic copy from: https://www.ista.org/docs/ISTA_Change_Request_Summary__Redline_Test_3E_2025.pdf

Send comments (copy psa@ansi.org) to: Eric Hiser, ehiser@ista.org

Comment Deadline: December 22, 2025

NECA (National Electrical Contractors Association)

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

Revision

BSR/NECA 169-202X, Standard for Installing and Maintaining Arc-Fault Circuit Interrupters (AFCIs) and Ground-Fault Circuit Interrupters (GFCIs) (revision of ANSI/NECA 169-2016)

This Standard describes the installation and maintenance procedures for Arc-Fault Circuit Interrupters (AFCIs) and Ground-Fault Circuit Interrupters (GFCIs).

1.1 Products and Applications Included. This Standard covers the installation and maintenance of Arc-Fault Circuit Interrupters (AFCIs) and Ground-Fault Circuit Interrupters (GFCIs) permanently installed on building premises wiring systems for residential, commercial, and industrial applications. It applies to:

- Listed combination-type AFCIs and listed outlet branch-circuit-type (OBC) AFCIs for new installations, for replacement in existing installations, and for new branch-circuit extensions in existing installations;
- Listed GFCIs and dead-front GFCIs for new installations, for replacement in existing installations, and for new branch-circuit extensions in existing installations.

1.2 Products and Applications Excluded. This Standard does not apply to:

- Temporary installations and portable power distribution units;
- Portable wiring or equipment;
- Cord-connected AFCIs and GFCIs, and listed portable GFCIs used in temporary installations or to supply portable wiring or equipment;
- AFCIs and GFCIs required in mobile homes, manufactured homes, or mobile home parks;
- AFCIs required in cord-and-plug connected air conditioning units;
- Ground-fault protection of equipment.

Single copy price: \$30.00 (Members); \$60.00 (Non-Members)

Obtain an electronic copy from: neis@necanet.org

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

NEMA (ASC C12) (National Electrical Manufacturers Association)

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

Revision

BSR C12.1-202x, Electric Meters-Code for Electricity Metering (revision of ANSI C12.1-2024)

This standard establishes acceptable performance criteria for new types of AC watthour meters, demand meters, demand registers, pulse devices, and auxiliary devices. It also describes acceptable in-service performance levels for meters and devices used in revenue metering. It also includes information on related subjects, such as recommended measurement standards, installation requirements, test methods, and test schedules. This Code for Electricity Metering is designed as a reference for those concerned with the art of electricity metering, such as utilities, manufacturers, and regulatory bodies.

Single copy price: \$512.00

Obtain an electronic copy from: pau_orr@nema.org

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

Comment Deadline: December 22, 2025

NEMA (ASC C12) (National Electrical Manufacturers Association)

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

Revision

BSR C12.22-202x, Protocol Specification for Interfacing to Data Communication Networks (revision of ANSI C12.22-2012 (R2020))

This standard defines network Application Services for the exchange of Table data and control elements. These services need to be implemented by all C12.22 Nodes, including “back-office” or “Head-end” systems. Furthermore, this standard defines a methodology to capture, translate, and transmit one-way device messages (blurts). This standard defines interfaces between IEEE 1377 Devices (ANSI C12.19 Devices) and network protocols.

Single copy price: \$356.00

Obtain an electronic copy from: pau_orr@nema.org

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

NEMA (ASC C136) (National Electrical Manufacturers Association)

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

Revision

BSR C136.24-202X, Nonlocking (Button) Type Photocontrols (revision of ANSI C136.24-2020)

This Standard covers the electrical and mechanical interchangeability of nonlocking type photocontrols for mounting within a roadway or off-roadway luminaire, herein called “controls.” These controls are commonly called “button” photocontrols.

Single copy price: \$88.00

Obtain an electronic copy from: zijun.tong@nema.org

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

ULSE (UL Standards and Engagement)

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

Reaffirmation

BSR/UL 1004-1-2020 (R202x), Standard for Rotating Electrical Machines - General Requirements (reaffirmation of ANSI/UL 1004-1-2020)

UL Standards & Engagement is proposing to reaffirm the ANSI approval of the 2nd Edition of the Standard for Rotating Electrical Machines – General Requirements, UL 1004-1. To view the current standard, click on the standard under the “Documents” tab on the work area’s overview page in CSDS.

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: December 22, 2025

ULSE (UL Standards and Engagement)

1603 Orrington Ave, Suite 2000, Evanston, IL 60201 | Megan.M.VanHeirseeele@ul.org, <https://ulse.org/>

Revision

BSR/UL 9540A-202x, Standard for Safety for Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems (revision of ANSI/UL 9540A-2025)

(1) Revision of Installation Level Testing to update requirements for large-scale fire testing.

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: January 6, 2026

ULSE (UL Standards and Engagement)

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

National Adoption

BSR/UL 62841-2-12-202x, Standard for electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-12: Particular requirements for hand-held concrete vibrators (identical national adoption of IEC 62841-2-12:2024)

Proposal to adopt the First Edition of IEC 62841-2-12:2024, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-12: Particular requirements for hand-held concrete vibrators as the First Edition of UL 62841-2-12.

Single copy price: Free

Order from: <https://www.shopulstandards.com/>

Send comments (copy psa@ansi.org) to: <https://csds.ul.org/>

ULSE (UL Standards and Engagement)

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

New Standard

BSR/UL 2596-1-202x, Standard for Safety for Tests for Battery Materials: Torch and Grit (TaG) Method (new standard)

UL Standards & Engagement is proposing the first edition of the Standard for Safety for Tests for Battery Materials: Torch and Grit (TaG) Method, UL 2596-1, as an American National Standard.

Single copy price: Free

Order from: <https://csds.ul.com/ProposalAvailable>

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/ProposalAvailable>

Comment Deadline: January 6, 2026

ULSE (UL Standards and Engagement)

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

Reaffirmation

BSR/UL 125-2021 (R202x), Standard for Flow Control Valves for Anhydrous Ammonia and LP-Gas (reaffirmation of ANSI/UL 125-2021)

Reaffirmation of the standard:

1 Scope.

1.1 These minimum requirements cover the following types of anhydrous ammonia and liquefied petroleum gas (LP-Gas) valves that are used to control the flow of liquid and/or vapor into and out of containers, or in piping systems between containers, or between containers and utilization equipment, and are for use at temperatures within the range of -40 °C (-40 °F) to 55 °C (130 °F): (a) Shutoff Valves (primary or secondary, and manual or automatic), (b) Excess Flow Valves, (c) Back Pressure Check Valves, (d) Filler Valves, (e) Vapor Return Valves, (f) Actuated Liquid Withdrawal Excess-Flow Valves, (g) Multiple-Function Valves, (h) Internal Valve, (i) Emergency Shutoff Valve, (j) Lever-Operated Transfer Valve, and (k) LP-Gas Hose Nozzle Valve.

1.2 Products covered by this Standard are intended to be installed and used in accordance with the applicable Codes and Regulations as determined by the Authority Having Jurisdiction (AHJ).

Single copy price: Free

Order from: <https://csds.ul.com/ProposalAvailable> or <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/ProposalsAvailable>

ULSE (UL Standards and Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709 | ashley.seward@ul.org, <https://ulse.org/>

Revision

BSR/UL 858-202x, Standard for Household Electric Ranges (revision of ANSI/UL 858-2025)

This proposal for UL 858, the Standard for Household Electric Ranges, covers the following topics: (1) Cooking Appliances Employing a Steam Function; and (2) Update to Nichrome Wire Test.

Single copy price: Free

Order from: <https://csds.ul.com/Home/ProposalsDefault.aspx>

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/Home/ProposalsDefault.aspx>

Withdrawal of an ANS by ANSI-Accredited Standards Developer

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

ASTM (ASTM International)

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

ANSI/ASTM D4551-2022, Specification for Poly(Vinyl Chloride) (PVC) Plastic Flexible Concealed Water-Containment Membrane (revision of ANSI/ASTM D4551-2017)

Send comments (copy psa@ansi.org) to: Questions may be directed to: Meredith Klein <accreditation@astm.org>

Final Actions on American National Standards

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

AABC (Associated Air Balance Council)

1015 18th Street, Suite 603, Washington D.C., DC 20036 | publications@aabc.com, www.aabc.com

ANSI/AABC MN-1-2025, AABC National Standards for Total System Balance (revision of ANSI/AABC MN-1-2016) Final Action Date: 10/29/2025 | *Revision*

AAMI (Association for the Advancement of Medical Instrumentation)

901 North Glebe Road, Suite 300, Arlington, VA 22203 | rporter@aami.org, www.aami.org

ANSI/AAMI HE75-2025, Human factors engineering - Design of medical devices (revision of ANSI/AAMI HE75-2009 (R2018)) Final Action Date: 10/30/2025 | *Revision*

ADA (American Dental Association)

211 E. Chicago Avenue, Chicago, IL 60611-2678 | swickm@ada.org, www.ada.org

ANSI/ADA Standard No. 144-2025, Dentistry - Precapsulated Dental Amalgam (identical national adoption of ISO 20749:2023 and revision of ANSI/ADA 144-2018) Final Action Date: 10/30/2025 | *National Adoption*

ANSI/ADA Standard No. 217-2025, Dentistry - Classification of Tooth Restorations Preparation (identical national adoption of ISO 24395:2023) Final Action Date: 10/30/2025 | *National Adoption*

ANSI/ADA Standard No. 218-2025, Dentistry - Designation Systems for Teeth and Areas of the Oral Cavity (national adoption with modifications of ISO 3950:2016) Final Action Date: 10/30/2025 | *National Adoption*

ANSI/ADA Standard No. 221-2025, Dentistry - Chairside denture base relining materials - Part 1: Hard type materials (identical national adoption of ISO 23401-1:2023) Final Action Date: 10/30/2025 | *National Adoption*

ANSI/ADA Standard No. 69-2025, Dentistry - Ceramic Materials (identical national adoption of ISO 6872:2024 and revision of ANSI/ADA Standard No. 69-2020) Final Action Date: 10/30/2025 | *National Adoption*

ANSI/ADA Standard No. 139 (R2025), Dentistry - Dental Base Polymers (reaffirm a national adoption ANSI/ADA Standard No. 139-2020) Final Action Date: 10/30/2025 | *Reaffirmation*

ANSI/ADA Standard No. 160 (R2025), Dentistry - Soft Lining Materials for Removable Dentures - Part 2: Materials for Long-Term Use (reaffirm a national adoption ANSI/ADA Standard No. 160-2020) Final Action Date: 10/30/2025 | *Reaffirmation*

ANSI/ADA Standard No. 182 (R2025), Dentistry - Bonding Test Between Polymer Teeth and Denture Base Materials (reaffirm a national adoption ANSI/ADA Standard No. 182-2021) Final Action Date: 10/30/2025 | *Reaffirmation*

ANSI/ADA Standard No. 75 (R2025), Dentistry - Soft Lining Materials for Removable Dentures - Part 1: Materials for Short-Term Use (reaffirm a national adoption ANSI/ADA Standard No. 75-2020) Final Action Date: 10/30/2025 | *Reaffirmation*

ANSI/ADA Standard No. 99-2025, Dentistry - Athletic Mouth Protectors and Materials (revision of ANSI/ADA Standard No. 99-2001 (R2023)) Final Action Date: 10/30/2025 | *Revision*

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 50.1-2025, Guide to a Model Life Cycle Approach that Incorporates Verification, Validation, and Uncertainty Quantification (new standard) Final Action Date: 10/27/2025 | *New Standard*

AWI (Architectural Woodwork Institute)

46179 Westlake Drive, Suite 120, Potomac Falls, VA 20165-5874 | cdernmyre@awinet.org, www.awinet.org

ANSI/AWI 0648-2025, Wood Frames (new standard) Final Action Date: 10/29/2025 | *New Standard*

AWS (American Welding Society)

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

ANSI/AWS C7.1M/C7.1-2025, Recommended Practices for Electron Beam Welding and Allied Processes (revision of ANSI/AWS C7.1M/C7.1-2013) Final Action Date: 10/28/2025 | *Revision*

AWWA (American Water Works Association)

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

ANSI/AWWA F111-2025, Ultraviolet Disinfection Systems for Wastewater Effluent (new standard) Final Action Date: 10/27/2025 | *New Standard*

CSA (CSA America Standards Inc.)

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

ANSI/CSA C22.2 No. 19085-6-2021 (R2025), Woodworking machines - Safety - Part 6: Single spindle vertical moulding machines (toupies) (reaffirm a national adoption ANSI/CSA C22.2 No. 19085-6-2021) Final Action Date: 10/30/2025 | *Reaffirmation*

ANSI/CSA C22.2 No. 19085-8-2021 (R2025), Woodworking machines - Safety - Part 8: Belt sanding and calibrating machines for straight workpieces (reaffirm a national adoption ANSI/CSA C22.2 No. 19085-8-2021) Final Action Date: 10/30/2025 | *Reaffirmation*

CTA (Consumer Technology Association)

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

ANSI/CTA 2135-2025, Performance Verification and Validation of Predictive Health AI Solutions (new standard) Final Action Date: 10/30/2025 | *New Standard*

ANSI/CTA 2089.1 R-2025 (R2025), Definitions/Characteristics of Artificial Intelligence in Health Care (reaffirmation of ANSI/CTA 2089.1) Final Action Date: 10/30/2025 | *Reaffirmation*

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

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

ANSI/IAPMO Z601-2025, Scale Reduction Devices (revision of ANSI/IAPMO Z601-2018 (R2023)) Final Action Date: 10/29/2025 | *Revision*

IEEE (Institute of Electrical and Electronics Engineers)

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

ANSI/IEEE 1246-2025, Guide for Temporary Protective Grounding Systems Used in Substations (new standard) Final Action Date: 10/30/2025 | *New Standard*

IEEE (Institute of Electrical and Electronics Engineers)

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

ANSI/IEEE 1937.12-2025, Standard for Technical Requirements for Emergency Cellular Communication System Based on Fixed-Wing Unmanned Aircraft System (new standard) Final Action Date: 10/31/2025 | *New Standard*

ANSI/IEEE 1844-2025, Draft Standard Test Procedure for Determining Circuit Integrity Performance of Fire Resistive Cables in Nuclear Facilities (revision of ANSI/IEEE 1844-2015) Final Action Date: 10/30/2025 | *Revision*

ISA (International Society of Automation)

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

ANSI/ISA 96.03.03-2025, Guidelines for the Specification of Pneumatic Vane Type Valve Actuators (new standard) Final Action Date: 10/30/2025 | *New Standard*

ANSI/ISA 96.09.01-2025, Guidelines for the Specification of Mounting Hardware for Quarter Turn Valve Actuators (new standard) Final Action Date: 10/30/2025 | *New Standard*

NEMA (ASC C82) (National Electrical Manufacturers Association)

1812 N Moore Street, Arlington, VA 22209 | Connor.Grubbs@nema.org, www.nema.org

ANSI C82.77-3-2025, Standard for Lighting Equipment - Electromagnetic Compatibility (EMC) Testing and Measurement Techniques - Radiated, Radio-Frequency Electromagnetic Field Immunity Test (national adoption of IEC 61000-4-3, ed 4.0 (2020-09) with modifications and revision of ANSI C82.77-3-2020) Final Action Date: 10/30/2025 | *National Adoption*

ANSI C82.77-7-2025, Standard for Lighting Equipment - Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests (national adoption of IEC 61000-4-11 Edition 3.0 (2020-01) with modifications and revision of ANSI C82.77-7-2020) Final Action Date: 10/30/2025 | *National Adoption*

NSF (NSF International)

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

ANSI/NSF 58-2025 (i114r3), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2024) Final Action Date: 10/28/2025 | *Revision*

TIA (Telecommunications Industry Association)

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

ANSI/TIA 623.1-2025, Fibre Optic Interconnecting Devices and Passive Components Connector Optical Interfaces - Part 3-1: Connector Parameters of Dispersion Unshifted Single-Mode Physically Contacting Fibres - Non-Angled 2,5 mm and 1,25 mm Diameter Cylindrical Full Zirconia Ferrules (identical national adoption of IEC 61755-3-1:2024 Ed2) Final Action Date: 10/29/2025 | *National Adoption*

ULSE (UL Standards and Engagement)

1603 Orrington Ave., Suite 2000, Evanston, IL 60201 | anna.roessing-zewe@ul.org, <https://ulse.org/>

ANSI/CAN/UL 246A-2025, Standard for Nonthreaded Connections for Fire Hydrants and Fire Department Connections (new standard) Final Action Date: 10/27/2025 | *New Standard*

ANSI/UL 2420-2021 (R2025), Standard for Safety for Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (reaffirmation of ANSI/UL 2420-2021) Final Action Date: 10/29/2025 | *Reaffirmation*

ANSI/UL 268-2025a, Standard for Smoke Detectors for Fire Alarm Signaling Systems (revision of ANSI/UL 268-2025) Final Action Date: 10/30/2025 | *Revision*

ANSI/UL 842-2025, Standard for Valves for Flammable and Combustible Liquids (revision of ANSI/UL 842-2020) Final Action Date: 10/30/2025 | *Revision*

ULSE (UL Standards and Engagement)

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

ANSI/UL 1081-2025, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2020) Final Action Date: 10/29/2025 | *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.

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 | EscuderoD@api.org, www.api.org

BSR/API MPMS Chapter 7.5/ISO 8310-2012 (R202x), Automatic Tank Temperature Measurement Onboard Marine Vessels Carrying Refrigerated Hydrocarbon and Chemical Gas Fluids (reaffirm a national adoption ANSI/API MPMS Chapter 7.5/ISWO 8310-2012 (R2020))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASAE S276.8 APR2016 (R202x), Slow-Moving Vehicle Identification Emblem (SMV Emblem) (reaffirmation and redesignation of ANSI/ASAE S276.8 APR2016 (R2020) Cor 1)

ASME (American Society of Mechanical Engineers)

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

BSR/ASME B30.1-202x, Jacks, Industrial Rollers, Air Casters, and Hydraulic Gantries (revision of ANSI/ASME B30.1-2020)

ASME (American Society of Mechanical Engineers)

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

BSR/ASME B30.19-2016 (R202x), Cableways (reaffirmation of ANSI/ASME B30.19-2016)

AWS (American Welding Society)

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

BSR/AWS D11.2/D11.2M-202x, Guide for Welding Iron Castings (revision of ANSI/AWS D11.2/D11.2M-2025)

BIFMA (Business and Institutional Furniture Manufacturers Association)

678 Front Avenue NW, Suite 150, Grand Rapids, MI 49504-5368 | aserge@bifma.org, www.bifma.org

BSR/BIFMA X5.4-202x, Public and Lounge Seating (revision of ANSI/BIFMA X5.4-2020 (R2025))

BIFMA (Business and Institutional Furniture Manufacturers Association)

678 Front Avenue NW, Suite 150, Grand Rapids, MI 49504-5368 | aserge@bifma.org, www.bifma.org

BSR/BIFMA X5.41-202x, Large Occupant Public and Lounge Seating (revision of ANSI/BIFMA X5.41-2021)

BIFMA (Business and Institutional Furniture Manufacturers Association)

678 Front Avenue NW, Suite 150, Grand Rapids, MI 49504-5368 | aserge@bifma.org, www.bifma.org

BSR/BIFMA X6.4-202x, Occasional-Use Seating (revision of ANSI/BIFMA X6.4-2021)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-110A-202x, Thermal Cycling Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA/ECA 364-110-2006 (R2019))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-120A-202x, Electrolytic Erosion Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-120-2019)

IES (Illuminating Engineering Society)

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

BSR/IES LP-12-202x, Lighting Practice: IoT Connected Lighting (revision of ANSI/IES LP-12-21)

IES (Illuminating Engineering Society)

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

BSR/IES RP-27-202x, Recommended Practice: Photobiological Safety for Lighting Systems (revision of ANSI/IES RP-27-20)

IES (Illuminating Engineering Society)

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

BSR/IES RP-39-202x, Recommended Practice: Off-Roadway Sign Luminance (revision of ANSI/IES RP-39-19)

MHI (Material Handling Industry)

8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 | pdavison@mhi.org, www.mhi.org

BSR/MH16.1-202X, Design, Testing, and Utilization of Industrial Steel Storage Racks (revision of ANSI MH16.1-2023)

MHI (Material Handling Industry)

8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 | pdavison@mhi.org, www.mhi.org

BSR/MH30.4-202X, Design, Testing, and Utilization of Trailer Collapse Prevention Devices (new standard)

MHI (Material Handling Industry)

8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 | pdavison@mhi.org, www.mhi.org

BSR/MH31.1-202X, Steel Mesh Containment Panels Used in Pallet Rack and Vertical Storage System Applications: Performance and Testing Requirements (revision of ANSI MH31.1-2019)

MHI (Material Handling Industry)

8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 | pdavison@mhi.org, www.mhi.org

BSR/ACE 15-202X, Cable-less Controls for Electric Overhead Traveling Cranes (revision of ANSI/MHI ECMA 15-2018)

MHI (Material Handling Industry)

8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 | pdavison@mhi.org, www.mhi.org

BSR/ACE 25-202X, AC Inverters for Electronic Overhead, Monorail, and Gantry Traveling Cranes (revision of ANSI/MHI ECMA 25-2019)

NSF (NSF International)

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

BSR/NSF 173-202x (i118r1), Dietary Supplements (revision of ANSI/NSF 173-2024a)

NSF (NSF International)

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

BSR/NSF 173-202x (i124r2), Dietary Supplements (revision of ANSI/NSF 173-2024a)

ULSE (UL Standards and Engagement)

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

BSR/UL 2596-1-202x, Standard for Safety for Tests for Battery Materials: Torch and Grit (TaG) Method (new standard)

ULSE (UL Standards and Engagement)

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

BSR/UL 60730-2-23-202x, Standard for automatic electrical controls - Part 2-23: Particular requirements for electrical sensors and sensing elements (national adoption with modifications of IEC 60730-2-23)

ULSE (UL Standards and Engagement)

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

BSR/UL 62841-2-12-202x, Standard for electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-12: Particular requirements for hand-held concrete vibrators (identical national adoption of IEC 62841-2-12:2024)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 46.32-202x, VPX Connector Supporting 56 Gbaud Class Data Rates (new standard)

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 link is www.ansi.org/asd and here are some direct links as well as highlights of information that is available:

Where to find Procedures, Guidance, Interpretations and More...

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

- ANSI Essential Requirements: Due process requirements for American National Standards (always current edition):
www.ansi.org/essentialrequirements
- ANSI Standards Action (weekly public review announcements of proposed ANS and standards developer accreditation applications, listing of recently approved ANS, and proposed revisions to ANS-related procedures):
www.ansi.org/standardsaction
- Accreditation information – for potential developers of American National Standards (ANS):
www.ansi.org/sdoaccreditation
- ANS Procedures, ExSC Interpretations and Guidance (including a slide deck on how to participate in the ANS process and the BSR-9 form):
www.ansi.org/asd
- Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS:
www.ansi.org/asd
- American National Standards Key Steps:
www.ansi.org/anskeysteps
- American National Standards Value:
www.ansi.org/ansvalue
- ANS Web Forms for ANSI-Accredited Standards Developers:
<https://www.ansi.org/portal/psawebforms/>
- Information about standards Incorporated by Reference (IBR):
<https://ibr.ansi.org/>
- ANSI - Education and Training:
www.standardslearn.org

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

ASSP (ASC A10) - American Society of Safety Professionals Safety Requirements for Construction and Demolition Operations

Meeting Time: January 27, 2026 - Washington, D.C.

Meeting: January 27, 2026

The American Society of Safety Professionals (ASSP) is the secretariat for the ASC A10 Construction and Demolition Committee. The next A10 meeting will take place in person on Tuesday January 27, 2026. Those interested in participating can contact ASSP for additional information at LBauerschmidt@assp.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.

AABC

Associated Air Balance Council
1015 18th Street, Suite 603
Washington D.C., DC 20036
www.aabc.com

Cassie LaJeunesse
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AAFS

American Academy of Forensic Sciences
410 North 21st Street
Colorado Springs, CO 80904
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Teresa Ambrosius
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AAMI

Association for the Advancement of
Medical Instrumentation
901 North Glebe Road, Suite 300
Arlington, VA 22203
www.aami.org

Rachel Porter
rporter@aami.org

ADA (Organization)

American Dental Association
211 E. Chicago Avenue
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ISO & IEC Draft International Standards

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

COMMENTS

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

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

ORDERING INSTRUCTIONS

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

ISO Standards

Acoustics (TC 43)

ISO/DIS 4869-7, Acoustics - Hearing protectors - Part 7: Method to measure the response of hearing protectors with high-level impulsive noise on an acoustic test fixture - 1/19/2026, \$125.00

Agricultural food products (TC 34)

ISO/DIS 23638, Food products - Quality requirements for processed food products for emergency - 1/17/2026, \$58.00

Bases for design of structures (TC 98)

ISO/DIS 4354, Wind actions on structures - 1/22/2026, \$125.00

Document imaging applications (TC 171)

ISO/DIS 19005-4.2, Document management - Electronic document file format for long-term preservation - Part 4: Use of ISO 32000-2 (PDF/A-4) - 11/9/2025, \$98.00

Fine ceramics (TC 206)

ISO/DIS 17561, Fine ceramics (advanced ceramics, advanced technical ceramics) - Test methods for dynamic elastic moduli of monolithic ceramics at room temperature by sonic resonance and Impulse Excitation Technique (IET) - 1/19/2026, \$88.00

Gas turbines (TC 192)

ISO/DIS 18888, Gas turbine combined cycle power plants - Thermal performance tests - 1/18/2026, \$155.00

Machine tools (TC 39)

ISO/DIS 23125-1.2, Machine tools safety - Turning machines - Part 1: Safety requirements - 11/10/2025, \$165.00

Paints and varnishes (TC 35)

ISO/DIS 8501-1, Preparation of steel substrates before application of paints and related products - Visual assessment of surface cleanliness - Part 1: Rust grades and preparation grades of uncoated steel substrates and of steel substrates after overall removal of previous coatings - 1/17/2026, \$119.00

Road vehicles (TC 22)

ISO/DIS 2974, Diesel engines - 60° concave cones for high-pressure fuel injection components - 1/18/2026, \$53.00

ISO/DIS 15500-1, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 1: General requirements and definitions - 1/22/2026, \$46.00

ISO/DIS 15500-2, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 2: Performance and general test methods - 1/22/2026, \$58.00

ISO/DIS 15500-3, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 3: Check valve - 1/22/2026, \$33.00

ISO/DIS 15500-4, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 4: Manual valve - 1/22/2026, \$40.00

ISO/DIS 15500-5, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 5: Manual cylinder valve - 1/22/2026, \$40.00

ISO/DIS 15500-8, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 8: Pressure indicator - 1/22/2026, \$40.00

ISO/DIS 15500-9, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 9: Pressure regulator - 1/22/2026, \$40.00

ISO/DIS 15500-10, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 10: Gas-flow adjuster - 1/22/2026, \$40.00

ISO/DIS 15500-11, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 11: Gas/air mixer - 1/22/2026, \$33.00

ISO/DIS 15500-12, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 12: Pressure relief valve (PRV) - 1/22/2026, \$40.00

ISO/DIS 15500-13, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 13: Pressure relief device (PRD) - 1/22/2026, \$62.00

ISO/DIS 15500-14, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 14: Excess flow valve - 1/22/2026, \$40.00

ISO/DIS 15500-15, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 15: Gas-tight housing and ventilation hose - 1/22/2026, \$40.00

ISO/DIS 15500-16, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 16: Rigid fuel line in stainless steel - 1/22/2026, \$33.00

ISO/DIS 15500-17, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 17: Flexible fuel line - 1/22/2026, \$46.00

ISO/DIS 15500-18, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 18: Filter - 1/22/2026, \$33.00

ISO/DIS 15500-19, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 19: Fittings - 1/22/2026, \$40.00

ISO/DIS 15500-20, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 20: Rigid fuel line in material other than stainless steel - 1/22/2026, \$40.00

ISO/DIS 15500-21, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 21: Discharge line closures - 1/19/2026, \$40.00

ISO/DIS 15500-23, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 23: Gas temperature sensor - 1/19/2026, \$33.00

Soil quality (TC 190)

ISO/DIS 15799, Soil quality - Guidance on the ecotoxicological characterization of soils and soil materials - 1/16/2026, \$119.00

ISO/DIS 21285, Soil quality - Inhibition of reproduction of the soil mite (*Hypoaspis* (*Gaeolaelaps*) *aculeifer*) by soil contaminants - 1/16/2026, \$77.00

Traditional Chinese medicine (TC 249)

ISO/DIS 25584, Traditional Chinese medicine - *Phellodendron chinense* and *Phellodendron amurense* bark - 1/15/2026, \$58.00

ISO/DIS 25585, Traditional Chinese medicine - *Notopterygium incisum* and *Notopterygium franchetii* rhizome and root - 1/15/2026, \$71.00

Transport information and control systems (TC 204)

ISO 17573-3:2024/DAmD 1, - Amendment 1: Electronic fee collection - System architecture for vehicle-related tolling - Part 3: Data dictionary - Amendment 1 - 1/18/2026, \$33.00

ISO/DIS 14907-1, Electronic fee collection - Test procedures for user and fixed equipment - Part 1: Description of test procedures - 1/15/2026, \$155.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14496-3:2019/DAmD 1, - Amendment 1: Information technology - Coding of audio-visual objects - Part 3: Audio - Amendment 1: Media authenticity and immersive interchange format - 1/16/2026, \$134.00

IEC Standards

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

100/4399/FDIS, IEC 63652-1 ED1: NFC Forum Specifications - Part 1: NFC Wireless Charging (fast track), 12/12/2025

100/4400/FDIS, IEC 63652-2 ED1: NFC Forum Specifications - Part 2: NFC Data Exchange Format (fast track), 12/12/2025

Capacitors and resistors for electronic equipment (TC 40)

40/3271/CD, IEC 60286-1/AMD2 ED3: Amendment 2 - Packaging of components for automatic handling - Part 1: Tape packaging of components with axial leads on continuous tapes, 12/26/2025

40/3267/CD, IEC 60384-18 ED4: Fixed capacitors for use in electronic equipment - Part 18: Sectional specification - Fixed aluminium electrolytic surface mount capacitors with solid (MnO₂) and non-solid electrolyte, 12/26/2025

40/3268/CD, IEC 60384-4 ED6: Fixed capacitors for use in electronic equipment - Part 4: Sectional specification - Fixed aluminium electrolytic capacitors with solid (MnO₂) and non-solid electrolyte, 12/26/2025

Documentation and graphical symbols (TC 3)

3/1753/FDIS, IEC 60445/AMD1 ED7: Amendment 1 - Basic and safety principles for man-machine interface, marking and identification - Identification of equipment terminals, conductor terminations and conductors, 12/12/2025

Electrical equipment in medical practice (TC 62)

62D/2268/FDIS, ISO 80601-2-74 ED3: Medical electrical equipment - Part 2-74: Particular requirements for basic safety and essential performance of respiratory humidifying equipment, 12/12/2025

62D/2269/FDIS, ISO 80601-2-90 ED2: Medical electrical equipment - Part 2-90: Particular requirements for basic safety and essential performance of respiratory high-flow therapy equipment, 12/12/2025

Equipment for electrical energy measurement and load control (TC 13)

13/1979/NP, PNW 13-1979 ED1: Requirements for data integrity of EVSE measuring systems, 01/23/2026

13/1980/NP, PNW 13-1980 ED1: Requirements for enabling data exchange between Smart Meter and EVSE, 01/23/2026

13/1981/NP, PNW 13-1981 ED1: Metrological requirements for in-situ control of EVSE, 01/23/2026

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

112/698(F)/FDIS, IEC 60216-1 ED7: Electrical insulating materials - Thermal endurance properties - Part 1: Ageing procedures and evaluation of test results, 11/21/2025

Fibre optics (TC 86)

86A/2623/CDV, IEC 60794-1-205 ED1: Optical fibre cables - Part 1-205: Generic specification - Basic optical cable test procedures - Environmental test methods - Water penetration, Method F5, 12/26/2025

High Voltage Direct Current (HVDC) transmission for DC voltages above 100 kV (TC 115)

115/421/CD, IEC TS 62978 ED1: HVDC Installations - Guidelines on Asset Management, 12/26/2025

Lamps and related equipment (TC 34)

34/1399A/CD, IEC 62471-7/AMD1 ED2: Amendment 1 - Photobiological safety of lamps and lamp systems - Part 7: Light sources and luminaires primarily emitting visible radiation, 01/16/2026

Maritime navigation and radiocommunication equipment and systems (TC 80)

80/1173/CD, IEC 61108-8 ED1: Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS) - Part 8: Quasi-Zenith Satellite System (QZSS) receiver equipment - Performance requirements, methods of testing and required test results, 12/26/2025

Power capacitors (TC 33)

33/736/NP, PNW 33-736 ED1: DC filter capacitors for HVDC transmission system, 01/23/2026

Power electronics (TC 22)

22G/525/CDV, IEC 61800-9-1 ED2: Adjustable speed electrical power drive systems (PDS) - Part 9-1: Ecodesign for motor systems - General requirements for setting energy efficiency standards, 01/23/2026

22/429/CD, IEC TS 63490 ED1: Terms and Definition for standards incorporating power electronic conversion, 01/23/2026

Rotating machinery (TC 2)

2/2280/FDIS, IEC 60072-3 ED2: Dimensions and output series for rotating electrical machines - Part 3: Small built-in motors - Flange numbers BF10 to BF50, 12/12/2025

Safety of machinery - Electrotechnical aspects (TC 44)

44/1073/CD, IEC 60204-1 ED7: Safety of machinery - Electrical equipment of machines - Part 1: General requirements, 02/06/2026

Secondary cells and batteries (TC 21)

21A/948(F)/FDIS, IEC 63369-1 ED1: Carbon footprint calculation applicable to industrial lithium-ion batteries - Part 1: General requirements and methodology, 11/14/2025

Semiconductor devices (TC 47)

47/2980/CD, IEC 63364-2 ED1: Semiconductor devices - Semiconductor devices for IoT system - Part 2: Test method of semiconductor photon sources incorporating human factors for wearable equipment, 12/26/2025

47/2977/CD, IEC 63551-5 ED1: Semiconductor devices - Chip-scale testing for autonomous vehicles - Part 5: Ultrasonic devices, 12/26/2025

47/2978/CD, IEC 63551-6 ED1: Semiconductor devices - Chip-scale testing for autonomous vehicles - Part 6: Visual Imaging devices, 12/26/2025

47/2973/NP, PNW 47-2973 ED1: Semiconductor devices - Chip-scale testing for autonomous vehicles - Part 2: Optical performance of LiDAR, 01/23/2026

Short-circuit currents (TC 73)

73/238/NP, PNW TS 73-238 ED1: Pressure calculation for electrical installations with rated voltages above AC 1 kV and their installation rooms in the event of an arc fault, 01/23/2026

Standard voltages, current ratings and frequencies (TC 8)

8C/153/NP, PNW TS 8C-153 ED1: Business Use Cases (BUCs) of Flexibility Services, 01/23/2026

Surface mounting technology (TC 91)

91/2078/CD, IEC 61189-5-501 ED2: Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 5-501: General test methods for materials and assemblies - Surface insulation resistance (SIR) testing of solder fluxes, 12/26/2025

91/2077/NP, PNW 91-2077 ED1: Circuit Board 2D Barcode Marking Requirements, 01/23/2026

(TC)

CIS/H/547/FDIS, IEC 61000-6-3 ED4: Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for equipment in residential locations, 12/12/2025

Wind turbine generator systems (TC 88)

88/1132/DTR, IEC TR 61400-4-2 ED1: Wind energy generation systems - Part 4-2: Lubrication of drivetrain components in wind turbines, 12/26/2025

ISO/IEC JTC 1, Information Technology

(TC)

JTC1-SC41/552/CD, ISO/IEC 30175 ED1: Internet of Things (IoT) - IoT applications using context aware collaboration service, 12/26/2025

JTC1-SC41/553/CD, ISO/IEC 30202 ED1: Internet of Things (IoT) - General requirements of IoT system for seized asset management, 12/26/2025

JTC1-SC43/183/NP, PNW TS JTC1-SC43-183 ED1: Information technology - Brain-computer Interfaces - Testing and post market surveillance protocols for non-medical BCIs, 01/23/2026



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 8932-1:2025](#), Meteorology - Radiosonde - Part 1: Laboratory test method for calibration error of temperature sensor in radiosonde, \$84.00

Cryogenic vessels (TC 220)

[ISO 24490:2025](#), Cryogenic vessels - Centrifugal pumps for cryogenic service, \$84.00

Fine Bubble Technology (TC 281)

[ISO 24758-2:2025](#), Fine bubble technology - Evaluation method for determining the reactive oxygen species in ultrafine bubble dispersions - Part 2: APF (3-(p-aminophenyl) fluorescein) assay, \$172.00

Healthcare organization management (TC 304)

[ISO 9829:2025](#), Healthcare organization management - Pandemic response (respiratory) - Contact tracing, \$127.00

Industrial automation systems and integration (TC 184)

[ISO 18136-1:2025](#), Automation systems and integration - Nuclear digital ecosystem - Part 1: Overview and framework, \$259.00

[ISO 10303-41:2022](#), Industrial automation systems and integration - Product data representation and exchange - Part 41: Integrated generic resource: Fundamentals of product description and support, \$84.00

[ISO 10303-43:2022](#), Industrial automation systems and integration - Product data representation and exchange - Part 43: Integrated generic resource: Representation structures, \$84.00

[ISO 10303-44:2022](#), Industrial automation systems and integration - Product data representation and exchange - Part 44: Integrated generic resource: Product structure configuration, \$84.00

[ISO 10303-59:2022](#), Industrial automation systems and integration - Product data representation and exchange - Part 59: Integrated generic resource: Quality of product shape data, \$84.00

[ISO 10303-101:2022](#), Industrial automation systems and integration - Product data representation and exchange - Part 101: Integrated application resource: Draughting, \$84.00

[ISO 10303-113:2022](#), Industrial automation systems and integration - Product data representation and exchange - Part 113: Integrated application resource: Mechanical features, \$84.00

[ISO 10303-517:2022](#), Industrial automation systems and integration - Product data representation and exchange - Part 517: Application interpreted construct: Mechanical design geometric presentation, \$84.00

Industrial fans (TC 117)

[ISO 13347-2:2025](#), Fans - Determination of fan sound power levels under standardized laboratory conditions - Part 2: Reverberant room method, \$172.00

Learning services for non-formal education and training (TC 232)

[ISO 29997:2025](#), Internships - Quality guidelines for host organizations, \$84.00

Mining (TC 82)

[ISO 22932-8:2025](#), Mining - Vocabulary - Part 8: Extraction, \$259.00

Optics and optical instruments (TC 172)

[ISO 11421:2025](#), Optics and photonics - Uncertainty of optical transfer function (OTF) measurement, \$230.00

Other

[ISO 11641:2025](#), Leather - Tests for colour fastness - Colour fastness to perspiration, \$84.00

Paints and varnishes (TC 35)

[ISO 11997-2:2025](#), Paints and varnishes - Determination of resistance to cyclic corrosion conditions - Part 2: Wet (salt fog) /dry/humid/UV light, \$84.00

Pulleys and belts (including veebelts) (TC 41)

[ISO 4184:2025](#), Belt drives - Classical and narrow V-belts - Lengths in datum system, \$84.00

Refrigeration (TC 86)

[ISO 5222-1:2025](#), Heat recovery ventilators and energy recovery ventilators - Testing and calculating methods for performance factor - Part 1: Sensible heating recovery seasonal performance factors of heat recovery ventilators (HRVs), \$172.00

Solid Recovered Fuels (TC 300)

[ISO 21660-2:2025](#), Solid recovered fuels - Determination of moisture content using the oven dry method - Part 2: Determination of total moisture by a simplified method, \$84.00

Textiles (TC 38)

[ISO 14419:2025](#), Textiles - Oil repellency - Hydrocarbon resistance test, \$84.00

Tourism and related services (TC 228)

[ISO/PAS 24969:2025](#), Tourism and related services - Guidance on a contingency plan for infection prevention and control (IPC) in the exhibition industry, \$172.00

ISO Technical Reports**Earth-moving machinery (TC 127)**

[ISO/TR 5757:2025](#), Earth-moving machinery - Machines utilizing electric rechargeable energy storage systems (RESS), \$127.00

Lifts, escalators, passenger conveyors (TC 178)

[ISO/TR 25741-1:2025](#), Lifts and escalators subject to seismic conditions - Compilation report - Part 1: Rule by rule comparison, \$259.00

ISO Technical Specifications**Industrial automation systems and integration (TC 184)**

[ISO/TS 10303-1005:2022](#), Industrial automation systems and integration - Product data representation and exchange - Part 1005: Application module: Elemental topology, \$84.00

[ISO/TS 10303-1006:2022](#), Industrial automation systems and integration - Product data representation and exchange - Part 1006: Application module: Foundation representation, \$84.00

[ISO/TS 10303-1027:2022](#), Industrial automation systems and integration - Product data representation and exchange - Part 1027: Application module: Contextual shape positioning, \$84.00

[ISO/TS 10303-1104:2022](#), Industrial automation systems and integration - Product data representation and exchange - Part 1104: Application module: Specified product, \$84.00

[ISO/TS 10303-1748:2022](#), Industrial automation systems and integration - Product data representation and exchange - Part 1748: Application module: Stratum non planar shape, \$84.00

[ISO/TS 10303-1767:2022](#), Industrial automation systems and integration - Product data representation and exchange - Part 1767: Application module: Composite constituent shape, \$84.00

[ISO/TS 10303-1770:2022](#), Industrial automation systems and integration - Product data representation and exchange - Part 1770: Application module: Part and zone laminate tables, \$84.00

[ISO/TS 10303-1815:2022](#), Industrial automation systems and integration - Product data representation and exchange - Part 1815: Application module: Mating structure, \$84.00

[ISO/TS 10303-1819:2022](#), Industrial automation systems and integration - Product data representation and exchange - Part 1819: Application module: Tessellated geometry, \$84.00

[ISO/TS 10303-1838:2022](#), Industrial automation systems and integration - Product data representation and exchange - Part 1838: Application module: Annotated 3D model equivalence criteria, \$84.00

[ISO/TS 10303-4443:2022](#), Industrial automation systems and integration - Product data representation and exchange - Part 4443: Domain model: For modelling and simulation information in a collaborative systems engineering context (MoSSEC), \$84.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 23090-4:2025](#), Information technology - Coded representation of immersive media - Part 4: MPEG-I immersive audio, \$287.00

[ISO/IEC 17760-302:2025](#), Information technology - AT Attachment - Part 302: Zoned Device ATA Command Set-2-(ZAC-2), \$287.00

[ISO/IEC TS 42119-2:2025](#), Artificial intelligence - Testing of AI - Part 2: Overview of testing AI systems, \$201.00

[ISO/IEC/IEEE 39274-1-1:2025](#), Learning technology - JavaScript Object Notation (JSON) data model format and Representational State Transfer (RESTful) web service for learner experience data tracking and access - Part 1-1: xAPI using JSON serialization and RESTful data transport, \$287.00

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

[IEC 62841-3-16 Ed. 1.0 b:2025](#), Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-16: Particular requirements for transportable belt sanders, disc sanders and belt/disc sanders, \$148.00

[IEC 62841-3-16 Ed. 1.0 en:2025](#), Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-16: Particular requirements for transportable belt sanders, disc sanders and belt/disc sanders, \$148.00

[IEC 62841-3-16 Ed. 1.0 en:2025 EXV](#), Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-16: Particular requirements for transportable belt sanders, disc sanders and belt/disc sanders, \$985.00

IEC Technical Specifications

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

[IEC/TS 62607-6-23 Ed. 1.0 en:2025](#), Nanomanufacturing - Key control characteristics - Part 6-23: Graphene-related products - Sheet resistance, carrier density, carrier mobility: Hall bar method, \$148.00

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Children's rights management

Comment Due Date: December 10, 2025

IST, the ISO member body for Iceland, has submitted to ISO a proposal for a new field of ISO technical activity on Children's rights management, with the following scope statement:

Standardization in the field of children's rights, to support the implementation of protection rights, provision rights, and participation rights.

Note 1: this TC works to support existing international frameworks, in particular the UN Convention on the Rights of the Child.

Note 2: Where appropriate, this TC will work in cooperation with existing ISO committees on subjects that may support children's rights.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Sara Desautels (sdesautels@ansi.org) by close of business on December 10, 2025.

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.

B30.18-20XX

(Proposed revision of ASME B30.18-2021)

Stacker Cranes (Top or Under Running Bridge, Multiple Girder With Top or Under Running Trolley Hoist)

**TENTATIVE
SUBJECT TO REVISION OR WITHDRAWAL
Specific Authorization Required for Reproduction or Quotation
ASME Standards and Certification**

The following items are contained in this draft:

Record / Item #	Description
25-1493	B30.18 Revise 18-0.4 and 18-1.4.1 to incorporate new ANSI/AWS D14.0 standard
25-1494	B30.18 Revise Chapter 18-0.4 to update list of publications

ASME respectfully requests that the public review commenter indicate the item record number that is associated with their comment. It is also recommended that any proposed change to the draft be shown in the following format and include rationale.

Additions: typeface used to indicate additions is blue underlined

Deletions: typeface used to indicate deletions is ~~red strikethrough~~

If you would like to suggest changes on existing text (content not being modified), these suggested changes will be handled as new business items and should be submitted via the instructions contained in the “B30 Revision Requests Submittal Instructions” located on the following link:

<https://cstools.asme.org/csconnect/FileUpload.cfm?View=yes&ID=62773>

Record: 25-1493

Standard: ASME B30.18-2021 Stacker Cranes

Subject: Revise Chapter 18-0.4 and 18-1.4.1 to incorporate new ANSI/AWS D14.0 standard, replacing ANSI/AWS D14.1

Proposed changes:

SECTION 18-0.4: REFERENCES TO OTHER CODES AND STANDARDS

~~ANSI/AWS D14.1-2005, Specifications for Welding Industrial and Other Material Handling Equipment~~

[ANSI/AWS D14.0:2024, Machinery and Equipment Welding Specification](#)

SECTION 18-1.4.1 Welded Construction

All welding procedures and welding operator qualifications to be used on load-sustaining members shall be in accordance with ANSI/AWS D1.1 except as modified by ANSI/AWS ~~D14.1~~ D14.0. Where special steels or other materials are used, the manufacturer shall provide welding procedures.

Record: 25-1494

Standard: ASME B30.18-2021 Stacker Cranes

Subject: Revise Chapter 18-0.4 to update list of publications

Proposed changes:

SECTION 18-0.4: REFERENCES TO OTHER CODES AND STANDARDS

AISC Steel Construction Manual, ~~14th~~ 16th Edition, ~~2011~~ 2023

Publisher: American Institute of Steel Construction (AISC),

130 East Randolph Street, Suite 2000, Chicago, IL 60601 (www.aisc.org)

ANSI-ASC A14.3-2008 (~~R2018~~), Ladders — Fixed — Safety Requirements

Publisher: American Ladder Institute (ALI), ~~330 N. Wabash Avenue, Chicago IL 60611~~

1300 Sumner Avenue, Cleveland, OH 44115 (www.americanladderinstitute.org)

ANSI/ASSE A1264.1-~~2007~~ 2017, ~~Safety Requirements for Workplace Floor and Wall Openings, Stairs and Railings Systems~~ Safety Requirements for Workplace Walking/Working Surfaces and Their Access; Workplace, Floor, Wall and Roof Openings; Stairs and Guardrail/Handrail Systems

ANSI/ASSE Z244.1-~~2003 (R2014)~~ 2024, [The Control of Hazardous Energy – Lockout, Tagout, and Alternative Methods](#) ~~Control of Hazardous Energy — Lockout/Tagout & Alternative Methods~~

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

ANSI/AWS D1.1-~~2010~~ 2020, Structural Welding Code: Steel

ANSI/AWS D14.1-2005, Specifications for Welding Industrial and Mill Cranes and Other Material Handling Equipment

Publisher: American Welding Society (AWS), 8669 NW 36 Street, No. 130, Miami, FL 33166-6672 (www.aws.org)

ANSI MH27.1-~~2009~~ 2025, [Patented Track Underhung Cranes and Monorail Systems](#) ~~Specifications for Patented Track Underhung Cranes and Monorail Systems~~

Publisher: Monorail Manufacturers Association, Inc. (MMA), 8720 Red Oak Boulevard, Charlotte, NC 28217 (www.mhi.org/mma)

ANSI/NEMA Z535.4-~~2011~~ 2023, Product Safety Signs and Labels

Publisher: National Electrical Manufacturers Association (NEMA), 1300 North 17th Street, Suite 900, Arlington, VA 22029 (www.nema.org)

ANSI/NFPA 70-~~2014~~ 2023, National Electrical Code

Publisher: National Fire Protection Association (NFPA), 1 Batterymarch Park, Quincy, MA 02169-7471 (www.nfpa.org)

ANSI/SAE Z26.1-1996, American National Standard for Safety Glazing Materials for Glazing Motor Vehicles and Motor Vehicle Equipment Operating on Land Highways

Publisher: SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001 (www.sae.org)

ASCE/SEI 7-22, [Minimum Design Loads and Associated Criteria for Buildings and Other Structures](#) ~~Minimum Design Loads for Buildings and Other Structures~~

Publisher: American Society of Civil Engineers, 1801 Alexander Bell Drive, Reston, VA 20191 (www.asce.org)

ASTM E2349-~~2012~~ 2019, Standard Practice for Safety Requirements in Metal Casting Operations: Sand Preparation, Molding, and Core Making; Melting and Pouring; and Cleaning and Finishing

Publisher: American Society for Testing and Materials (ASTM International), 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959 (www.astm.org)

CMAA Specification No. 70-~~2010~~ 2020, Specifications for Top Running Bridge & Gantry Type Multiple Girder Electric Overhead Traveling Cranes — No. 70

Publisher: Crane Manufacturers Association of America, Inc. (CMAA), 8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 (www.mhi.org/cmaa)

ISO 7000:~~2014~~ 2019, Graphical symbols for use on equipment — Registered Symbols

ISO 7296-1:1991 (~~R2012~~) (R2024) Cranes — Graphical symbols

Publisher: International Organization for Standardization (ISO), Central Secretariat, Chemin de Blandonnet 8, Case Postale 401, 1214 Vernier, Geneva, Switzerland (www.iso.org)

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

NSF/ANSI Standard for Nutrition and Wellness –

Dietary Supplements

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-

8 Good manufacturing practices

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8.8 Requirements for aflatoxins

Written procedures shall be established for verifying an ingredient or product does not contain aflatoxins at >20ng/g. For ingredients and products that are not known to pose a significant risk of aflatoxin adulteration, companies shall use any appropriate approach to control aflatoxins, such as by demonstrating that *Aspergillus* spp. are not a significant risk in the ingredient or product, or by testing with scientifically valid methods either on a routine or skip-lot basis.

For ingredients and products well known to be at risk for aflatoxin contamination (e.g. tree, nuts, ground nuts, certain herbs and spices such as *Curcuma longa*, *Zingiber officinale*, *Capsaicin* spp., *Piper* spp., and *Myristica fragrans*), companies shall establish specifications which include testing at the most appropriate stage (i.e. ingredient or finished product) for aflatoxins using a scientifically valid method.

Note: Ingredients and products sourced from tropical and sub-tropical regions, grown/produced/held under high temperatures or humidity, or having an $a_w > 0.83$ are generally considered to be at higher risk for aflatoxin contamination. These materials should have specifications which include testing for aflatoxins with a scientifically valid method unless the company has conducted a risk analysis or developed other data to show that *Aspergillus* spp. are not a risk in the ingredient or product.

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[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by grey highlighting. Revision 2 changes are indicated by yellow highlighting. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard for Nutrition and Wellness –

Dietary Supplements

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3 Definitions

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

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4 Labeling and literature requirements

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4.1 Caffeine

Supplements containing any amount of added greater than 25 mg of caffeine, including by intentional selective concentration of caffeine at the expense of other constituents from the source crude botanical, shall declare the total amount of caffeine per serving on the label.

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

In addition, if the product contains caffeine at greater than 100 mg per serving, the following warnings (or equivalent) shall be present on the label:

- do not use if sensitive to caffeine
- not recommended for use by children under 18 y of age
- not recommended for use by pregnant or nursing women.

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

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5 Product requirements

5.1 Identity

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5.1.2 Finished product

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

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5.5 Caffeine

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

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BSR/UL 60335-2-29, Standard for Safety for Household and Similar Electrical Appliances – Safety – Part 2-29: Particular Requirements For Battery Chargers

1. Addition to National Difference 15.101ADV D1

PROPOSAL

15 Moisture resistance

This clause of Part 1 is applicable.

15DV D2 Modification to replace the first sentence of Clause 15 of the Part 2 with the following:

This clause of Part 1 is applicable except as follows.

15.101ADV D1 Add the following subclause to Clause 15 of the Part 2:

Enclosures of battery chargers intended for use outdoors shall comply with the applicable water ingress requirements of CSA C22.2 No. 94.2 ~~and~~ / UL 50E for Type 3R, 3S, 4, or 4X enclosures.

Compliance with the tool access requirement of 7.6.1 of CSA C22.2 No. 94.2 / UL 50E is not required for detachable parts (for example a hinged cover) provided as battery compartment covers.

A hinged cover shall automatically return to the closed position when released from its fully opened position:

- a) After being subjected to 6000 opening and closing cycles at a rate not exceeding 3 cycles per minute. A higher testing rate may be used to reduce testing time, if agreeable to all concerned; and,
- b) Shall not become detached during the test of 22.11. However, opening of the cover is permitted;

A fully detachable cover shall be provided with an interlock that de-energizes the charger output terminals when not in place.

Covers when opened, shall not permit access to live parts in accordance with Clause 8, Protection Against Access to Live Parts.

Supplemental markings as specified in 9.3 of CSA C22.2 No. 94.2 / UL 50E are permitted.

Compliance is checked by inspection and test.

UL 555, Standard for Fire Dampers

2. Formatting and Typo Corrections

PROPOSAL

Table 10.1
Hose Stream Test

Rating	Water pressure at base of nozzle		Duration of application of exposed area ^a	
	Psi	(KPa)	s/ft ²	(s/m ²)
3-h	45	(310)	3.0	(32)
1- 1/2- h	30	(207)	1.5	(16)
1- h	30	(207)	0.9	(10)
Less than 1 h	30	(207)	0.6	(6)

^a The exposed area is calculated using the outside dimensions of the test specimen, including a frame, hangers, tracks and other parts of the assembly when provided. The exposed area does not include the wall into which the specimen is mounted. When multiple test specimens are mounted in the same wall, the rectangular or square wall area encompassing all of the specimens is the exposed area since the hose stream must traverse this area during its application.

4. Salt Spray Samples Sizes

PROPOSAL

9.3 The overall size of the sample used for the salt spray exposure test, including the actuator, is [not to exceed](#) 42-in high by 46-in wide (1.07-m by 1.15-m) for vertical fire dampers and 46-in long by 28-in wide (1.15-m by 0.71-m) for horizontal fire dampers. ~~Larger sizes shall not be prohibited from being tested.~~
[Larger sizes dampers shall not be prohibited from being tested when test chambers allow.](#)

5. Expanded Cautionary Statement

PROPOSAL

10.2.1.4 CAUTION – Precautions are to be taken when testing with actuators that present a risk of explosion, ~~or fire,~~ [or electrical hazards](#) when exposed to high temperature, ~~as well any potential electrical hazards~~

7. Concrete Cure Time

PROPOSAL

~~10.2.2.3 Concrete slabs shall not be prohibited from being put in controlled environmental conditions to accelerate curing times.~~

9. Compliance Criteria Clarification

PROPOSAL

3.1.2X.X CURTAIN DAMPER – A damper which uses a series of folded, ~~interlocked series of~~ interlocking blades.

3.4.1X.X MULTI-BLADE DAMPER – A damper ~~having~~ with more than one blade, where the operation of the damper blade involves rotation ~~of~~ about an axis.

3.6.1X.X ROUND DAMPER – A damper ~~having a circular~~ with a round shaped blade, where the operation of the damper blade involves rotation ~~of~~ about an axis.

3.7.1X.X SINGLE-BLADE DAMPER – A damper ~~having~~ with one blade, where the operation of the damper blade involves rotation ~~of~~ about an axis.

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