ANSI STANDARDS ACTION

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CONTENTS

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Project Initiation Notification System (PINS)

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

AAFS (American Academy of Forensic Sciences)

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

Revision

BSR/ASB Std 017-202x, Standard for Metrological Traceability in Forensic Toxicology (revision of ANSI/ASB Std 017 -2018)
Stakeholders: Primarily the forensic toxicology community will be impacted.

Project Need: This standard will provide the minimum requirements for establishing metrological traceability in forensic toxicology including postmortem forensic toxicology, human performance toxicology, non-regulated employment drug testing, court-ordered toxicology, general forensic toxicology and calibration of breath alcohol measuring instruments.

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

This standard defines the minimum requirements for establishing metrological traceability in forensic toxicology. Specifically, it is intended for the subdisciplines of postmortem forensic toxicology, human performance toxicology (e.g., drug-facilitated crimes and driving-under-the-influence of alcohol or drugs), non-regulated employment drug testing, court-ordered toxicology (e.g., probation and parole, drug courts, child services), general forensic toxicology (non-lethal poisonings or intoxications) and calibration of breath alcohol measuring instruments.

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC A-28-202x, Galvanic Isolators (revision of ANSI/ABYC A-28-2019)
Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations

Project Need: This standard applies to the qualification and installation of galvanic isolators used on boats equipped with alternating current (AC) shore power systems operating at frequencies of 50 or 60 Hz, and less than 600 V, wired in accordance with ABYC E-11, AC & DC Electrical Systems on Boats and ABYC TE-12, Three Phase AC Electrical Systems on Boats.

Interest Categories: Manufacturer - Boats, Manufacturer - Engines, Manufacturer - Accessory, Trade Associations, Insurance / Survey, Specialist Service, Specialist Misc., Government, Consumer

This standard applies to the qualification and installation of galvanic isolators used on boats equipped with alternating current (AC) shore power systems operating at frequencies of 50 or 60 Hz, and less than 600 V, wired in accordance with ABYC E-11, AC & DC Electrical Systems on Boats and ABYC TE-12, Three Phase AC Electrical Systems on Boats.

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC C-1500-202x, Ignition Protection for Marine Products (revision of ANSI/ABYC C-1500-2019)
Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations

Project Need: This standard applies to the test methods for determining ignition protection but is not to be considered a standard that will determine the acceptability of a product or component for use in marine service.

Interest Categories: Manufacturer - Boats, Manufacturer - Engines, Manufacturer - Accessory, Trade Associations, Insurance / Survey, Specialist Service, Specialist Misc., Government, Consumer

This standard applies to the test methods for determining ignition protection but is not to be considered a standard that will determine the acceptability of a product or component for use in marine service.

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC H-3-202x, Exterior Windows, Windshields, Hatches, Doors, Portlights, and Glazing Materials (revision of ANSI/ABYC H-3-2019)
Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations

Project Need: This standard applies to the design, construction, and installation of exterior windows, windshields, hatches, doors, portlights, and all glazing materials on boats.

Interest Categories: Manufacturer - Boats, Manufacturer - Engines, Manufacturer - Accessory, Trade Associations, Insurance / Survey, Specialist Service, Specialist Misc., Government, Consumer

This standard applies to the design, construction, and installation of exterior windows, windshields, hatches, doors, portlights, and all glazing materials on boats.

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC H-29-202x, Canoes and Kayaks (revision of ANSI/ABYC H-29-2022)
Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations

Project Need: This standard addresses capacities, flotation, powering, design, construction, and labeling of canoes and kayaks, and applies to all boats identified as canoes or kayaks, including inflatable canoes or kayaks.

Interest Categories: Manufacturer - Boats, Manufacturer - Engines, Manufacturer - Accessory, Trade Associations, Insurance / Survey, Specialist Service, Specialist Misc., Government, Consumer

This standard addresses capacities, flotation, powering, design, construction, and labeling of canoes and kayaks, and applies to all boats identified as canoes or kayaks, including inflatable canoes or kayaks.

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC H-40-202x, Anchoring, Mooring, and Strong Points (revision of ANSI/ABYC H-40-2019)
Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations

Project Need: This standard applies to the design, construction, selection, and installation of fittings and equipment that are attached to or carried on boats for anchoring, mooring, docking, lifting, towing, and trailering of all boats.

Interest Categories: Manufacturer - Boats, Manufacturer - Engines, Manufacturer - Accessory, Trade Associations, Insurance / Survey, Specialist Service, Specialist Misc., Government, Consumer

This standard applies to the design, construction, selection, and installation of fittings and equipment that are attached to or carried on boats for anchoring, mooring, docking, lifting, towing, and trailering of all boats.

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC P-1-202x, Installation of Exhaust Systems for Propulsion and Auxiliary Engines (revision of ANSI/ABYC P-1 -2019)
Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations

Project Need: This standard is for the design and installation of exhaust systems on boats equipped with inboard or sterndrive engines, or permanently installed auxiliary engines, from the exhaust outlet of the engine or the turbocharger, if used, through the terminus where the exhaust gases are discharged.

Interest Categories: Manufacturer - Boats, Manufacturer - Engines, Manufacturer - Accessory, Trade Associations, Insurance / Survey, Specialist Service, Specialist Misc., Government, Consumer

This standard is for the design and installation of exhaust systems on boats equipped with inboard or sterndrive engines, or permanently installed auxiliary engines, from the exhaust outlet of the engine or the turbocharger, if used, through the terminus where the exhaust gases are discharged.

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC P-4-202x, Marine Inboard Engines and Transmissions (revision of ANSI/ABYC P-4-2019)
Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations

Project Need: This standard applies to the design, selection of materials, construction, and installation of marine inboard engines and transmissions used for propulsion and auxiliary equipment.

Interest Categories: Manufacturer - Boats, Manufacturer - Engines, Manufacturer - Accessory, Trade Associations, Insurance / Survey, Specialist Service, Specialist Misc., Government, Consumer

This standard applies to the design, selection of materials, construction, and installation of marine inboard engines and transmissions used for propulsion and auxiliary equipment.

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME B1.30-202x, Screw Threads: Standard Practice for Calculating and Rounding Dimensions (revision of ANSI/ASME B1.30-2002 (R2022))
Stakeholders: Manufacturers, Gage Manufacturers, Distributors, Laboratories Government.

Project Need: This standard is being revised.

Interest Categories: Manufacturers, Gage Manufacturers, Distributors, Laboratories Government.

The purpose of this Standard is to establish uniform and specific practices for calculating and rounding the numeric values used for inch and metric screw thread design data dimensions only.

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK87381-202x, New Specification for Projectiles Used with SAP Based Launchers (new standard)
Stakeholders: Airsoft Industry

Project Need: The SAP Based Launcher sports activity has grown exponentially over the last 5 years growing from a nearly unknown activity to being one of the fastest growing action sports activities today. This year several manufactures and other interested groups have approached the F08.27 subcommittee with the request to assist them in the development of ASTM standards for this sport.

Interest Categories: Interest Categories: Producer, User, General Interest

This speciation establishes requirements and characteristics of SAP Based Launcher projectiles which help define whether an SAP Based Launcher is suitable for use in the sport commonly called Gel Ball, GelWars, or SAP Sport Games. Furthermore, the specifcation establishes minimum warning and package labeling to help ensure that the SAP Based Launcher projectiles are used in a safe manner and that the risk of injury is reduced.

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK87382-202x, New Specification for SAP Based Launchers Warnings (new standard)
Stakeholders: Airsoft Industry

Project Need: The SAP Based Launcher sports activity has grown exponentially over the last 5 years growing from a nearly unknown activity to being one of the fastest growing action sports activities today. his year several manufactures and other interested groups have approached the F08.27 subcommittee with the request to assist them in the development of ASTM standards for this sport.

Interest Categories: Interest Categories: Producer, User, General Interest

This specification covers warnings for SAP Based Launchers which propel SAP Projectiles which will be defined in another ASTM standard.

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK87383-202x, New Specification for SAP Based Launchers (new standard)
Stakeholders: Airsoft Industry

Project Need: The SAP Based Launcher sports activity has grown exponentially over the last 5 years growing from a nearly unknown activity to being one of the fastest growing action sports activities today. This year several manufactures and other interested groups have approached the F08.27 subcommittee with the request to assist them in the development of ASTM standards for this sport.

Interest Categories: Producer, User, General Interest

This specification covers SAP Based Launchers which propel a SAP projectile by means of energy released by battery, compressed gas, compressed CO2, mechanical springs, or a combination thereof, used in the sport commonly called Gel Ball, GelWars, or SAP Sport Games and is to be used in conjunction with other related standards in development

AWS (American Welding Society)

Mario Diaz <mdiaz@aws.org> | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Revision

BSR/AWS C1.1M/C1.1-202x, Recommended Practices for Resistance Welding (revision of ANSI/AWS C1.1M/C1.1 -2022-AMD1)
Stakeholders: Welding Industry

Project Need: It is the intent of this publication to present current concepts and practices for resistance welding (and related processes) of ferrous and nonferrous metals including coated and dissimilar metals. Where practical, welding schedules are included. In other instances where schedules are too varied or the state-of-the-art is not sufficiently developed, descriptive guidelines are included to enable the user to establish welding procedures to meet its requirements.

Interest Categories: General Interest, User, Producer, Educator

This Recommended Practices is a collection of data and procedures that are intended to assist the user in setting up resistance welding equipment to produce resistance welded production parts. While the recommendations included are not expected to be final procedures for every production part or every welding machine, they serve as starting points from which a user can establish acceptable welding machine settings for specific production welding applications. In some cases, recommended machine data is not available. In these instances, some description of the process is given to assist the reader in determining if the process might be suitable for the application.

DirectTrust (DirectTrust.org, Inc.)

Stacy Clements <standards@directtrust.org> | 1629 K Street NW, Suite 300 | Washington, DC 20006 www.DirectTrust.org

New Standard

BSR/DS2019-01-400-202x, Implementation Guide for Delivery Notification in Direct (new standard)
Stakeholders: (a) Healthcare Sector, (b) Government Sector, (c) Payer Sector, (d) Consumer Sector, (e) Social Care Sector, (f) General Interest and Advocacy, (g) Information Technology Sector, (h) Interoperability and Systems Integration Sector

Project Need: Senders of Direct messages often need a high level of assurance that a message has arrived at its destination beyond the basic notification mechanisms detailed in the Applicability Statement for Secure Health Transport. This implementation guide provides STAs with guidance on how to address this need

Interest Categories: (a) Healthcare Sector, (b) Government Sector, (c) Payer Sector, (d) Consumer Sector, (e) Social Care Sector, (f) General Interest and Advocacy, (g) Information Technology Sector, (h) Interoperability and Systems Integration Sector

The ANSI Standard “Applicability Statement for Secure Health Transport” establishes the standard protocols, including message formats and processing requirements, for communication between Security/Trust Agents (STAs). The communication protocol for delivery notifications between STAs is based on mail system reports, which include Message Disposition Notifications (MDNs) and Delivery Status Notifications (DSNs). The Implementation Guide for Delivery Notifications in Direct provides implementation guidance enabling STAs to provide a high level of assurance that a message has arrived at its destination and outlines the various exception flows that result in compromised message delivery and the mitigation actions that should be taken by STAs to provide success and failure notifications to the sending system.

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

Terry Burger <terry.burger@asse-plumbing.org> | 18927 Hickory Creek Drive, Suite 220 | Mokena, IL 60448 https://www.iapmostandards.org

New Standard

BSR/IAPMO Z1399-202x, The Design, Construction, Commissioning, and Maintenance of Domestic Hot Water Recirculation Systems (new standard)
Stakeholders: Design professionals, installers, engineers, inspectors, commissioning agents, consumers, building owner, and manufacturers.

Project Need: This new standard will develop a holistic approach to the design, construction, commissioning, and operation of domestic hot water systems for the built environment, including but not limited to commercial and multi-family facilities. The goal of this standard will be to develop prescriptive and performance requirements for domestic hot water recirculation system to minimize energy and water usage while improving safety.

Interest Categories: Manufacturer, User, Installer/Maintainer, Research/Standards/Testing Laboratory, Enforcing Authority, Consumer, General Interest

The Design, Construction, Commissioning, and Operation of Domestic Hot Water Recirculation Systems Standard Consensus Committee (IAPMO-DCCODHWRS) will be responsible for developing IAPMO Z1399-202X (Standard for Design, Construction, Commissioning, and Operation of Hot Water Recirculation Systems). This new standard will develop a holistic approach to the design, construction, commissioning, and operation of domestic hot water systems for the built environment, including but not limited to commercial and multi-family facilities. The goal of this standard will be to develop prescriptive and performance requirements for domestic hot water recirculation system to minimize energy and water usage while improving safety.

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE C37.60-202x, International Standard - High-Voltage Switchgear and Controlgear - Part 111: Automatic Circuit Reclosers for Alternating Current Systems above 1000 V (new standard)
Stakeholders: The stakeholders include users and manufacturers of switchgear equipment.

Project Need: This is a dual logo standard with the IEC. The purpose of this project is to adapt the standard (including the title and scope) to recent changes in the recloser industry and to consider comments from the last revision project that were "held to the next revision". See section 8.1 for additional information.

Interest Categories: A subset of the interest categories on this list is expected to comprise the consensus body: https: //ieee.box.com/v/Interest-Categories

This part of IEC 62271 applies to all overhead, pad-mounted, dry-vault and submersible single or multi-pole alternating current automatic circuit reclosers for rated maximum voltages above 1000 V. In order to simplify this document where possible, the term “recloser” (or “reclosers”) has been substituted for “automatic circuit recloser(s)” or “cutout mounted recloser(s)”, or both.

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE C57.158-202x, Guide for the Application of Tertiary and Stabilizing Windings in Power Transformers (new standard)
Stakeholders: Electric utilities, industrial users, power transformer manufacturers.

Project Need: There is a great deal of interest in the transformer industry to develop an application guide for tertiary and stabilizing windings. This proposed document is intended to fill a gap in currently available literature, regarding guidance for the need for a tertiary or stabilizing winding in a Y-Y connected transformer or autotransformer; and guidance on the kVA rating of said winding. The potential impact of ambiguity currently present in industry practice is unnecessary extra cost and/or complexity of components.

Interest Categories: A subset of the interest categories on this list is expected to comprise the consensus body: https: //ieee.box.com/v/Interest-Categories

This guide addresses the application of tertiary and stabilizing windings in liquid-immersed power transformers, as covered by C57.12.00 "IEEE Std for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers", as well as recommendations to evaluate the need or convenience of having such windings. The primary application of this guide is for transformers and autotransformers with wye-wye-connected (also known as "star to star" connected) windings, with or without a delta-connected tertiary or stabilizing winding. The guide does not address tertiary windings in conventional delta-wye, or delta-delta connected transformers.

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: October 15, 2023

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

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

Addenda

BSR/ASHRAE/ASHE Addendum 170k-202x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2021)
The proposed addendum clarifies that this section (6.1.2) applies to the central systems that provide cooling or heating by changing the name of the section. It adds requirement for cooling reserve capacity in addition to the heating reserve capacity for spaces already listed in this section. This provides guidance to designers to a minimum reserve capacity required to start with and engage with the facility on what their operational needs are. The addendum also takes out the onsite fuel requirement from 6.1.2.1 so that the exception to 6.1.2.1 does not apply to it anymore. It's added back in 6.1.2.2 as its own requirement. The addendum removes the lower limit of 400-ton cooling load as the starting point for considering any reserve capacity for cooling in Inpatient and Residential Health Care facilities.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: October 15, 2023

NSF (NSF International)

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

Revision

BSR/NSF 336-202x (i4r1), Sustainability Assessment for Commercial Furnishings Fabric (revision of ANSI/NSF 336-2018)
This standard provides pathways toward sustainability by establishing measurable criteria for multiple levels of achievement. It allows manufacturers flexibility in methods for conformance and certification. This standard assesses product characteristics in the areas of material and component inputs, water and energy use, recycling practices and social accountability.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Andrea Burr <aburr@nsf.org>

NSF (NSF International)

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

Revision

BSR/NSF 498-202x (i2r1), Sustainability Program Document for Architectural Coatings (revision of ANSI/NSF 498 -2023)
The purpose of this standard is to provide a market-based definition for a path to sustainable architectural coating products, to establish performance requirements for public health and environment, and to address the triple bottom line, economic-environmental-social, throughout the supply chain.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Rachel Brooker <rbrooker@nsf.org>

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062-2096 | Susan.P.Malohn@ul.org, https://ulse.org/

National Adoption

BSR/UL 61215-1-3-202x, Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval - Part 1-3: Special Requirements for Testing of Thin-Film Amorphous Silicon Based Photovoltaic (PV) Modules (identical national adoption of IEC 61215-1-3 and revision of ANSI/UL 61215-1-3-2021)
(1) Updates to include IEC Amendment 1 issued in 2022, with no US National Differences.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: "https://csds.ul.com/ProposalAvailable"

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 746B-202x, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2022)
This proposal involves the addition of requirements for Heat Aging of Polymeric Films and Thin Sheets in a New Subsection 21.4 and Table 21.6. This proposal was originally proposed by ULSE on March 10, 2023.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Derrick Martin; Derrick.L.Martin@ul.org

Comment Deadline: October 15, 2023

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062-2096 | Megan.M.VanHeirseele@ul.org, https://ulse.org/

Revision

BSR/UL 1974-202x, Standard for Safety for Evaluation for Repurposing Batteries (revision of ANSI/UL 1974 -2018)
1. Addition of Routine Maintenance and Diagnosis. 2. Clarification on the calendar date in 7.1. 3. Addition of requirements for remanufacturing batteries.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable.

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 2238-202x, Standard for Safety for Cable Assemblies and Fittings for Industrial Control and Signal Distribution (revision of ANSI/UL 2238-2023)
Clause 40.1.6 marking on body not for small size product
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/Home/ProposalsDefault.aspx"

Comment Deadline: October 30, 2023

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

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

Addenda

BSR/ASHRAE Addendum b to Standard 72-202x, Method of Testing Open and Closed Commercial Refrigerators and Freezers (addenda to ANSI/ASHRAE Standard 72-2022)
The purpose of 72-2022 Addendum b is to add language for chef bases/griddle stands, drawer units, and add tolerance to brass slugs for ambient measurement.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

Comment Deadline: October 30, 2023

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

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

Addenda

BSR/ASHRAE Addendum ci to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020)
This addendum makes changes to Clause 12 to add OPTION_FUNCTIONALITY_NOT_SUPPORTED; clarifies optionally supported command procedures, schedule object requirements, INVALID_ARRAY_SIZE, accumulator object scale datatype, BVLC-Result in BACnet/SC, and use of UNSUPPORTED_OBJECT_TYPE; relaxes DS-COV-A and DS-COVP-A; and adds time series exchange format BIBBs.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

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Addenda

BSR/ASHRAE Addendum cn to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020)
This addendum clarifies Engineering Units.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

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Addenda

BSR/ASHRAE Addendum co to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020)
This addendum clarifies Reliability-Evaluation and changes Clause 12 to add language to Event and Fault Parameter for consistency.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

Comment Deadline: October 30, 2023

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

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

Addenda

BSR/ASHRAE Addendum cp to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020)
This addendum adds Authentication and Authorization; BACnet/SC Options to Support Authentication and Authorization; Device Object Properties to support Authentication and Authorization; Data Structures to support Authentication and Authorization; Error Codes to support Authentication and Authorization; PICS statements to support Authentication and Authorization capabilities; New definitions for Authentication and Authorization; New BIBBs and Profiles for Authentication and Authorization; and Examples for Authentication and Authorization.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

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

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

Addenda

BSR/ASHRAE Addendum cq to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020)
This addendum defines a new “short form” for Array, List, and SequenceOf base types and formally defines the existing “short form” for primitives.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

AWS (American Welding Society)

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

New Standard

BSR/AWS A5.02/A5.02M-202x, Specification for Filler Metal Standard Sizes, Packaging, and Physical Attributes (new standard)
This specification prescribes the requirements for standard sizes and packages of all types of welding filler metals, allowing these physical attributes to be incorporated by reference into the individual specification. The annex lists the manner by which the filler metal specification may refer to appropriate requirements in this specification. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these are not equivalent, each system must be used independently of the other.
Single copy price: $39 non-member; 30 member
Obtain an electronic copy from: kbulger@aws.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 30, 2023

AWS (American Welding Society)

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

New Standard

BSR/AWS A5.21/A5.21M-202x, Specification for Bare Electrodes and Rods for Surfacing (new standard)
This specification prescribes the requirements for classification of bare (uncoated) solid wire as well as tubular electrodes and rods for weld surfacing. Solid surfacing electrodes and rods are classified on the basis of the composition of the material as manufactured. Metal cored and flux cored composite (tubular) surfacing electrodes and rods are classified on the basis of the chemical composition of the deposited weld metal. Tubular tungsten carbide bare rods are classified on the basis of the mesh range, quantity, and composition of the tungsten carbide granules. A guide is appended to the specification as a source of information concerning the characteristics and applications of the classified electrodes and rods.
Single copy price: $39 non-member; 30 member
Obtain an electronic copy from: kbulger@aws.org
Send comments (copy psa@ansi.org) to: Same

CGA (Compressed Gas Association)

8484 Westpark Drive, Suite 220, McLean, VA 22102 | kmastromichalis@cganet.com, www.cganet.com

New Standard

BSR/CGA G-5-202x, Hydrogen (new standard)
This publication provides information on the physical and chemical properties of hydrogen and proper handling and use. It is intended to provide background information for personnel involved in the manufacture, distribution, and use of hydrogen.
Single copy price: Free
Obtain an electronic copy from: kmastromichalis@cganet.com
Send comments (copy psa@ansi.org) to: Same

CSA (CSA America Standards Inc.)

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

New Standard

BSR/CSA HGV 5.2-202X, Compact Hydrogen Fueling Systems (new standard)
This Standard specifies the mechanical, electrical, & safety requirements for newly designed & manufactured compact hydrogen fuelling systems (cHFS) & similar integral hydrogen generation, compression, storage, & dispensing systems intended to fuel on- or off-road hydrogen motor vehicles equipped with onboard fuel containers that comply with SAE J2579 or UN Global Technical Regulation No. 13. The requirements apply to integrated or factory-matched (i.e., modular) hydrogen generating and fuelling equipment that (a) is intended for fuelling of hydrogen-powered vehicles only; (b) is intended for indoor or outdoor installations; (c) has a hydrogen generator within the enclosure or hydrogen pipeline source; (d) produces (or consumes if pipeline is used) hydrogen at a rate equal to or less than the limit referenced in NFPA 2; (e) has a compressor with a single or multiple compression stages; (f)is intended to meet the installation fire safety requirements in accordance with NFPA 2 or CAN/BNQ 1784-000; (g) is intended for fill pressures of 350 bar and/or 700 bar fuelling; (h) is intended for fuel quality that meets or exceeds requirements in SAE J2719; & (i) consists of single and/or dual hose fuelling systems. A cHFS that also supplies oxygen as a product is excluded from Scope.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 30, 2023

DirectTrust (DirectTrust.org, Inc.)

1629 K Street NW, Suite 300, Washington, DC 20006 | standards@directtrust.org, www.DirectTrust.org

Revision

BSR/DS2020-03-101-202x, Event Notifications via the Direct Standard® (revision of ANSI/DS 2020-03-100 -2022)
DirectTrust Standards has developed and published an implementation guide for actors in the healthcare ecosystem who will use the Direct Standard® for the communication of various transactions in support of Encounter and Event Notifications as established in CMS Interoperability and Patient Access rule. The Event Notifications via the Direct Standard® implementation guide establishes content and workflow standards for Direct Secure Messaging between inpatient facilities and downstream providers, as well as subscription services that act as intermediaries in this flow. In order to ensure effective interoperability and to limit burdensome workflows, standardization of these messages is essential.
Single copy price: $30.00
Obtain an electronic copy from: Standards@DirectTrust.org
Send comments (copy psa@ansi.org) to: Stacy Clements <standards@directtrust.org>

IAPMO (3) (International Association of Plumbing & Mechanical Officials)

4755 East Philadelphia Street, Ontario, CA 91761 | hugo.aguilar@iapmo.org, www.iapmo.org

Revision

BSR/IAPMO USHGC 1-2024-202x, Uniform Solar, Hydronics & Geothermal Code (revision of ANSI/IAPMO USHGC 1-2021)
The provisions of this code applies to the erection, installation, alteration, repair, relocation, replacement, addition to, use, or maintenance of solar energy, hydronic, and geothermal energy systems including but not limited to equipment and appliances intended for space heating or cooling; water heating; swimming pool heating or process heating; and snow and ice melt systems.
Single copy price: $10.00
Obtain an electronic copy from: Hugo.Aguilar@iapmo.org
Send comments (copy psa@ansi.org) to: Same

IAPMO (3) (International Association of Plumbing & Mechanical Officials)

4755 East Philadelphia Street, Ontario, CA 91761 | hugo.aguilar@iapmo.org, www.iapmo.org

Revision

BSR/IAPMO USPSHTC 1-2024-202x, Uniform Swimming Pool, Spa & Hot Tub Code (revision of ANSI/IAPMO USPSHTC 1-2021)
The provisions of this code shall apply to the erection, installation, alteration, addition, repair, relocation, replacement, addition to, use, or maintenance of swimming pool, spa, or hot tub systems.
Single copy price: $10.00
Obtain an electronic copy from: Hugo.Aguilar@iapmo.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 30, 2023

IAPMO (WES) (International Association of Plumbing & Mechanical Officials)

4755 East Philadelphia Street, Ontario, CA 91761 | hugo.aguilar@iapmo.org, http://www.iapmo.org

Revision

BSR/IAPMO/WESTAND-202x, Water Efficiency and Sanitation Standard (revision of ANSI/IAPMO WEStand-2020)
The purpose of this standard is to provide minimum requirements to optimize water-use practices attributed to the built environment while maintaining protection of the public health, safety, and welfare.
Single copy price: $10.00
Obtain an electronic copy from: Hugo.Aguilar@iapmo.org
Send comments (copy psa@ansi.org) to: Same

ISANTA (International Staple, Nail and Tool Association)

8735 W. Higgins Road, Suite 300; c/o Association Management Center, Chicago, IL 60631 | jhenry@isanta.org

Revision

BSR/ISANTA SNT-101-202x, Safety Requirements for Portable, Compressed-Air-Actuated Fastener Driving Tools (revision of ANSI SNT-101-2015)
The Public Review is limited to the changes resulting from the comments received in the balloting of the first draft of the proposed standard. Standard for Power Tools - Safety Requirements for Portable, Compressed-Air-Actuated, Fastener Driving Tools, ANSI SNT-101-2015, sets forth safety requirements for tool manufacturers, owners, employers (including self-employed contractors), designers, safety professionals, supervisors, operators, purchasers, users and other persons concerned with or responsible for the safe design, construction, use, repair, and maintenance of these tools. The tools are powered by compressed air. The tools drive nails, staples, and other fasteners, typically in the industrial size range. The covered tools are used for fastening applications that generally, but by no means exclusively, involve wood-to-wood connections as found in commercial and residential building construction (framing, sheathing, decking, flooring, insulation, finish work, factory-build units and components, and coverings for walls, ceilings and roofs, etc.); carton closure; and the manufacture of furniture, box-spring assemblies, containers (boxes, pallets, crating, etc.), cabinets, etc.
Single copy price: Free
Obtain an electronic copy from: A copy of the proposed standard can be downloaded from the technical resources / tool safety standards page at www.isanta.org. Or an electronic copy can be requested by emailing Jeff Henry at jhenry@isanta.org
Send comments (copy psa@ansi.org) to: Jeff Henry <jhenry@isanta.org>

Comment Deadline: October 30, 2023

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 11-202x, Standard for Low-, Medium-, and High-Expansion Foam (revision of ANSI/NFPA 11-2021)
Fire-fighting foam is an aggregate of air-filled bubbles formed from aqueous solutions and is lower in density than flammable liquids. It is used principally to form a cohesive floating blanket on flammable and combustible liquids and prevents or extinguishes fire by excluding air and cooling the fuel. It also prevents reignition by suppressing formation of flammable vapors. It has the property of adhering to surfaces, which provides a degree of exposure protection from adjacent fires. Foam can be used as a fire prevention, control, or extinguishing agent for flammable liquid hazards. Foam for these hazards can be supplied by fixed piped systems or portable foam-generating systems. Foam can be applied through foam discharge outlets, which allow it to fall gently on the surface of the burning fuel. Foam can also be applied by portable hose streams using foam nozzles or large-capacity monitor nozzles or subsurface injection systems. Foam can be supplied by overhead piped systems for protection of hazardous occupancies associated with potential flammable liquid spills in the proximity of high-value equipment or for protection of large areas. The foam used for flammable liquid spills is in the form of a spray or dense “snowstorm.” The foam...
Obtain an electronic copy from: www.nfpa.org/11Next
Send comments (copy psa@ansi.org) to: Same

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 67-202x, Guide on Explosion Protection for Gaseous Mixtures in Pipe Systems (revision of ANSI/NFPA 67-2019)
This guide applies to the design, installation, and operation of piping systems containing flammable gases where there is a potential for ignition. This guide addresses protection methods for use where the pipe explosion risk is due to either a deflagration or a detonation. This guide does not apply to runaway reactions, decompositions, or oxidants other than oxygen.
Obtain an electronic copy from: www.nfpa.org/67Next
Send comments (copy psa@ansi.org) to: Same

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 418-202x, Standard for Heliports (revision of ANSI/NFPA 418-2021)
This standard specifies the minimum requirements for fire protection for heliports and rooftop hangars. This standard does not apply to ground-level helicopter hangars. All hangars not covered by this standard are required to comply with NFPA 409, Standard on Aircraft Hangars. Temporary landing sites and emergency evacuation facilities are outside the scope of this standard.
Obtain an electronic copy from: www.nfpa.org/418Next
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 30, 2023

NFPA (National Fire Protection Association)
One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 805-202x, Performance-Based Standard for Fire Protection for Light Water Reactor Electric Generating Plants (revision of ANSI/NFPA 805-2020)
This standard specifies the minimum fire protection requirements for existing light water nuclear power plants during all phases of plant operation, including shutdown, degraded conditions, and decommissioning.
Obtain an electronic copy from: www.nfpa.org/805Next
Send comments (copy psa@ansi.org) to: Same

NFPA (National Fire Protection Association)
One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 806-202x, Performance-Based Standard for Fire Protection for Advanced Nuclear Reactor Electric Generating Plants Change Process (revision of ANSI/NFPA 806-2020)
This standard provides minimum requirements for a risk-informed, performance-based change process for the fire protection program for advanced nuclear-reactor electric generating plants during construction and all phases of plant operation, including shutdown, degraded conditions, and decommissioning. Fundamental fire protection elements for advanced nuclear reactor electric generating plants can be found in NFPA 804, Standard for Fire Protection for Advanced Light Water Reactor Electric Generating Plants. This standard covers advanced light water reactors, advanced heavy water reactors, advanced gas-cooled reactors, advanced liquid metal reactors, or any and all types of advanced reactors. Advanced nuclear reactor designs include water-cooled reactors [light water and heavy water reactors (LWR/HWRs)], fast reactors [liquid metal fast reactors (LMFRs)], and gas-cooled reactors [graphite moderated high temperature gas-cooled reactors (HTGRs)]. Excluded are existing light water reactors. The fundamental elements of a fire protection program, including administrative controls, fire protection features, and so forth, can be found in NFPA 804, Standard for Fire Protection for Advanced Light Water Reactor Electric Generating Plants.
Obtain an electronic copy from: www.nfpa.org/806Next
Send comments (copy psa@ansi.org) to: Same

NFPA (National Fire Protection Association)
One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 853-202x, Standard for the Installation of Stationary Fuel Cell Power Systems (revision of ANSI/NFPA 853-2020)
This standard shall apply to the design, construction, and installation of stationary fuel cell power systems. The scope of this document shall include the following: (1) A singular prepackaged, self-contained power system unit; (2) Any combination of prepackaged, self-contained power system units; (3) Power system units comprising two or more factory-matched modular components intended to be assembled in the field; and (4) Engineered and field-constructed power systems that employ fuel cells.
Obtain an electronic copy from: www.nfpa.org/853Next
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 30, 2023

NSF (NSF International)

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

Revision

BSR/NSF 50-202x (i202r5), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2021)
This standard covers materials, chemicals, components, products, equipment, and systems related to public and residential recreational water facility operation.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/higherlogic/ws/public/ballot?id=8497
Send comments (copy psa@ansi.org) to: Jason Snider <jsnider@nsf.org>

NSF (NSF International)

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

Revision

BSR/NSF/NSI 373-202x (i8r1), Sustainable Production of Natural Dimension Stone (revision of ANSI/NSI 373 -2022a)
This sustainability standard establishes criteria to measure the extent to which natural stone has been produced sustainably. The standard applies to all processors of natural stone, from quarry operations through final stone fabrication, and is intended to allow for both domestic and international market participation from natural dimension stone producers. In practice, the facility operator applies this Standard to: quarry operations, stone fabrication, or both.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/higherlogic/ws/public/download/70484/Dimension%20Stone%20JC%20Memo%20and%20Ballot%20-%20373i8r1%20final.pdf&wg_id=cfc29265-9060-4f7c-bbd3-018976f93972
Send comments (copy psa@ansi.org) to: Andrea Burr <aburr@nsf.org>

PEARL (Professional Electrical Apparatus Recyclers League)

17 Faulkner Drive, Niantic, CT 06357 | mtierney@kellencompany.com, www.pearl1.org

Revision

BSR/PEARL EERS-202x, Electrical Equipment Reconditioning Standard for Electrical Apparatus and Equipment used in Commercial and Industrial Applications (revision of ANSI/PEARL EERS-2018)
This standard describes procedures necessary to assess, recondition, and validate electrical equipment to safely reuse. It is prepared from a reconditioning shop perspective and intended to be a resource for trained and experienced in-shop technicians, giving them a view of inspection points and critical components and subassemblies in appropriate order to affect the reconditioning procedure. The Standard relates to power distribution systems and components ranging to 38,000 VAC and magnetic control devices and systems up to 5,000 VAC.
Single copy price: Free
Obtain an electronic copy from: mtierney@kellencompany.com or kbishop@kellencompany.com
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 30, 2023

SAIA (ASC A11) (Scaffold & Access Industry Association)

400 Admiral Boulevard, Kansas City, MO 64106 | deanna@saiaonline.org, www.saiaonline.org

New Standard

BSR/SAIA A11.5-202x, Standard for Testing and Rating Vertical Concrete Formwork, Ties, and Accessories (new standard)
This standard provides methods for testing and rating the performance of the following:

- Lifting Brackets / Devices;
- Scaffold Brackets;
- Form Ties;
- Shear Wall Brackets;
- Heavy Ties;
- Form Braces;
- Modular Panels;
- Brace Shoes.

Single copy price: Free
Obtain an electronic copy from: deanna@saiaonline.org
Send comments (copy psa@ansi.org) to: Same

ULSE (UL Standards & Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709 | lauren.valentino@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 346-2005 (R202x), Waterflow Indicators for Fire Protective Signaling Systems (reaffirmation of ANSI/UL 346-2005 (R2019))
These requirements cover vane-type waterflow indicators intended for use in fire-protective signaling systems to be employed in ordinary indoor locations, in accordance with the National Fire Alarm Code, NFPA 72. Waterflow indicators covered by these requirements include sizes 3/4 inch and larger. The indicator sizes refer to the nominal inside diameter of the main sprinkler pipe or tubing on which they are installed. A vane-type waterflow indicator is an assembly of a mechanism having electrical contacts arranged to transmit a coded or noncoded signal when the vane, located in the supply pipe (riser) of a sprinkler system, is moved by the flow of water in the pipe. This flow is normally caused by the opening of one or more sprinkler heads resulting from a fire condition. The signaling contacts are intended to be connected to circuits of private fire-protective signaling systems. These requirements do not cover pressure-operated waterflow indicators.
Single copy price: Free
Obtain an electronic copy from: lauren.valentino@ul.org
Send comments (copy psa@ansi.org) to: Lauren Valentino, lauren.valentino@ul.org, https://csds.ul.com/Login

Comment Deadline: October 30, 2023

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062-2096 | christina.riemer@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 1004-8-2009 (R202x), Standard for Safety for Inverter Duty Motors (reaffirmation of ANSI/UL 1004-8 -2009 (R2018))
Reaffirmation of UL 1004-8 which covers squirrel cage polyphase induction motors intended for use with variable voltage and variable frequency controls, commonly referred to as inverters. The requirements in this Standard are intended to evaluate the suitability of the motor for normal use when fed from an inverter supply through a manufacturer declared range of operating conditions.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: “https://csds.ul.com/ProposalAvailable”

ULSE (UL Standards & Engagement)

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

Reaffirmation

BSR/UL 60745-2-8-2009 (R202x), Hand-Held Motor-Operated Electric Tools - Safety - Part 2-8: Particular Requirements for Shears and Nibblers (reaffirmation of ANSI/UL 60745-2-8-2009)
(1) Reaffirmation and continuance of the Second Edition of the Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-8: Particular Requirements for Shears and Nibblers, UL 60745-2-8, UL 60745-2-8, as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Send comments (copy psa@ansi.org) to: https://csds.ul.com/Home/ProposalsDefault.aspx

ULSE (UL Standards & Engagement)

47173 Benicia Street, Fremont, CA 94538 | Marcia.M.Kawate@ul.org, https://ulse.org/

Revision

BSR/UL 25A-202x, Standard for Safety for Meters for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 25A-2019)
The following is being proposed: New joint standard, UL/ULC 25A, Meters for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85).
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: “https://csds.ul.com/ProposalAvailable".

Comment Deadline: October 30, 2023

ULSE (UL Standards & Engagement)

47173 Benicia Street, Fremont, CA 94538 | Marcia.M.Kawate@ul.org, https://ulse.org/

Revision

BSR/UL 25B-202x, Standard for Safety for Meters for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 25B-2020)
The following is being proposed: New joint standard, UL/ULC 25B, Standard for Meters for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: “https://csds.ul.com/ProposalAvailable".

Comment Deadline: November 14, 2023

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE C37.17-202x, Standard for Trip Systems for Low-Voltage (1000 V and below) AC and General Purpose (1500 V and below) DC Power Circuit Breakers (new standard)
This standard pertains to the requirements for current and voltage protective functions
of: (1) direct-acting overcurrent electromechanical trip devices; (2) direct-acting overcurrent electronic trip systems; (3) reverse-current trip systems; and (4) undervoltage trip devices that are integral with low-voltage ac (1000 V and below) and general-purpose low-voltage dc (1500 V and below) power circuit breakers covered by IEEE Std C37.13™, and IEEE Std C37.14™. Additional information, communication and/or additional internal or external protective functions or devices are not covered by this standard. This standard should not be interpreted to restrict the
inclusion of such functionality in the device.
Single copy price: $5.00
Obtain an electronic copy from: https://www.techstreet.com/
Order from: https://www.techstreet.com/
Send comments (copy psa@ansi.org) to: Karen Evangelista <k.evangelista@ieee.org>

Comment Deadline: November 14, 2023

IEEE (Institute of Electrical and Electronics Engineers)

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

Revision

BSR/IEEE C57.12.34-202x, Standard Requirements for Pad-Mounted, Compartmental-Type, Self-Cooled, Three-Phase Distribution Transformers, 10 MVA and Smaller; High-Voltage, 34.5 kV Nominal System Voltage and Below; Low-Voltage, 15 kV Nominal System Voltage and Below (revision of ANSI/IEEE C57.12.34-2015)
Certain electrical, dimensional, and mechanical characteristics are set forth as well as certain safety features of three-phase, 60-Hz, liquid-immersed, self-cooled, pad-mounted compartmental-type distribution transformers. These transformers are rated 10 MVA and smaller, with the high-voltage limit of 34.5 kV nominal system voltage and below, and with low-voltage limit of 15 kV nominal system voltage and below. This standard covers the connector, bushing, and terminal arrangements for radial or loop feed systems. This standard does not cover the electrical and mechanical requirements of any accessory devices that may be supplied with the transformer.
Single copy price: $7.00
Obtain an electronic copy from: https://www.techstreet.com/
Order from: https://www.techstreet.com/
Send comments (copy psa@ansi.org) to: Karen Evangelista <k.evangelista@ieee.org>

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

BSR/INCITS/ISO 19150-6:2023 [202x], Geographic information - Ontology - Part 6: Service ontology register (identical national adoption of ISO 19150-6:2023)
Establishes a standard registration and maintenance mechanism for the registration of ISO 19150-4-conformant geographic information service ontologies.
Single copy price: $183.00
Obtain an electronic copy from: http://webstore.ansi.org
Order from: http://webstore.ansi.org
Send comments (copy psa@ansi.org) to: Barbara Bennett <comments@standards.incits.org>

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

BSR/INCITS/ISO 19160-4:2023 [202x], Addressing - Part 4: International postal address components and template language (identical national adoption of ISO/IEC 19160-4:2023 and revision of INCITS/ISO 19160-4:2017 [2019])
Defines key terms for postal addressing, postal address components and constraints on their use. Specifically, this document specifies postal address components organized into three hierarchical levels: elements, such as organization name or postcode, which have well-defined conceptual meaning and are not themselves made up of subordinate components, though they can be sub-divided for technical purposes; constructs, such as organization identification, which group elements into units form a logical portion of a postal address; segments, such as addressee specification, which group-related postal address constructs and/or postal address elements into units with a specific defined function.
Single copy price: $237.00
Obtain an electronic copy from: http://webstore.ansi.org
Order from: http://webstore.ansi.org
Send comments (copy psa@ansi.org) to: Barbara Bennett <comments@standards.incits.org>

Comment Deadline: November 14, 2023

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

BSR/INCITS/ISO 19131:2022 [202x], Geographic information - Data product specifications (identical national adoption of ISO 19131:2022 and revision of INCITS/ISO 19131:2007 [R2022])
Describes requirements for the specification of geographic data products, based upon the concepts of other International Standards in the ISO 19100 family of standards. It also provides guidance in the creation of data product specifications, so that they can be easily understood and fit for their intended purpose.
Single copy price: $263.00
Obtain an electronic copy from: http://webstore.ansi.org
Order from: http://webstore.ansi.org
Send comments (copy psa@ansi.org) to: Barbara Bennett <comments@standards.incits.org>

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

BSR/INCITS/ISO/IEC 7816-6:2023 [202x], Identification cards - Integrated circuit cards - Part 6: Interindustry data elements for interchange (identical national adoption of ISO/IEC 7816-6:2023 and revision of INCITS/ISO/IEC 7816-6:2016 [2019])
Specifies directly or by reference, data elements, including composite data elements that are applicable to interindustry interchange. It identifies the following characteristics of each data element: identifier; name; description and reference; format and coding (if not available in other ISO standards or parts of the ISO/IEC 7816 series). The layout of each data element is described as seen at the interface between the interface device and the card. This document provides the definition of data elements without consideration of any restrictions on the usage of the data elements.
Single copy price: $183.00
Obtain an electronic copy from: http://webstore.ansi.org
Order from: http://webstore.ansi.org
Send comments (copy psa@ansi.org) to: Barbara Bennett <comments@standards.incits.org>

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

BSR/INCITS/ISO/IEC 18013-2:2020/AM1:2023 [202x], Personal identification - ISO-compliant driving licence - Part 2: Machine-readable technologies - Amendment 1: DG11 length for compact encoding (identical national adoption of ISO/IEC 18013-2:2020/AM1:2023)
Amendment 1 to ISO/IEC 18013-2:2020.
Single copy price: $22.00
Obtain an electronic copy from: http://webstore.ansi.org
Order from: http://webstore.ansi.org
Send comments (copy psa@ansi.org) to: Barbara Bennett <comments@standards.incits.org>

Comment Deadline: November 14, 2023

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

BSR/INCITS/ISO/IEC 18013-3:2017/AM2:2023 [202x], Information technology - Personal identification - ISO-compliant driving licence - Part 3: Access control, authentication and integrity validation - Amendment 2: Updates for passive authentication (identical national adoption of ISO/IEC 18013-3:2017/AM2:2023)
Amendment 2 to ISO/IEC 18013-3:2017/AM2:2023.
Single copy price: $22.00
Obtain an electronic copy from: http://webstore.ansi.org
Order from: http://webstore.ansi.org
Send comments (copy psa@ansi.org) to: Barbara Bennett <comments@standards.incits.org>

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

BSR/INCITS/ISO/IEC 23220-1:2023 [202x], Cards and security devices for personal identification - Building blocks for identity management via mobile devices - Part 1: Generic system architectures of mobile eID systems (identical national adoption of ISO/IEC 23220-1:2023)
Specifies generic system architectures and generic life-cycle phases of mobile eID systems in terms of building blocks for mobile eID system infrastructures. It standardizes interfaces and services for mdoc apps and mobile verification applications. It is applicable to entities involved in specifying, architecting, designing, testing, maintaining, administering, and operating a mobile eID system in parts or entirely.
Single copy price: $210.00
Obtain an electronic copy from: http://webstore.ansi.org
Order from: http://webstore.ansi.org
Send comments (copy psa@ansi.org) to: Barbara Bennett <comments@standards.incits.org>

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

BSR/INCITS/ISO/IEC 23465-1:2023 [202x], Card and security devices for personal identification - Programming interface for security devices - Part 1: Introduction and architecture description (identical national adoption of ISO/IEC 23465-1:2023)
Introduces and describes the concept of the application programming interface (API) to security devices with the intention to simplify the usage of commands and mechanisms defined by the ISO/IEC 7816 series. This document gives guidelines on: the system overview and description of the system of the programming interface; the architecture description; the data model in general, used by the API; the use cases and the usage model of the API.
Single copy price: $157.00
Obtain an electronic copy from: http://webstore.ansi.org
Order from: http://webstore.ansi.org
Send comments (copy psa@ansi.org) to: Barbara Bennett <comments@standards.incits.org>

Comment Deadline: November 14, 2023

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

BSR/INCITS/ISO/IEC 8652:2023 [202x], Information technology - Programming languages - Ada (identical national adoption of ISO/IEC 8652:2023)
Specifies the form and meaning of programs written in Ada. Its purpose is to promote the portability of Ada programs to a variety of computing systems.
Single copy price: $263.00
Obtain an electronic copy from: http://webstore.ansi.org
Order from: http://webstore.ansi.org
Send comments (copy psa@ansi.org) to: Barbara Bennett <comments@standards.incits.org>

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

BSR/INCITS/ISO/IEC 23488:2022 [202x], Information technology - Computer graphics, image processing and environment data representation - Object/environmental representation for image-based rendering in virtual/mixed and augmented reality (VR/MAR) (identical national adoption of ISO/IEC 23488:2022)
Specifies an image-based representation model that represents target objects/environments using a set of images and optionally the underlying 3D model for accurate and efficient objects/environments representation at an arbitrary viewpoint. It is applicable to a wide range of graphic, virtual reality, and mixed reality applications which require the method of representing a scene with various objects and environments.
Single copy price: $116.00
Obtain an electronic copy from: http://webstore.ansi.org
Order from: http://webstore.ansi.org
Send comments (copy psa@ansi.org) to: Barbara Bennett <comments@standards.incits.org>

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

BSR/INCITS/ISO/IEC 25059:2023 [202x], Software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Quality model for AI systems (identical national adoption of ISO/IEC 25059:2023)
Outlines a quality model for AI systems and is an application-specific extension to the standards on SQuaRE. The characteristics and sub-characteristics detailed in the model provide consistent terminology for specifying, measuring, and evaluating AI system quality. The characteristics and sub-characteristics detailed in the model also provide a set of quality characteristics against which stated quality requirements can be compared for completeness.
Single copy price: $116.00
Obtain an electronic copy from: http://webstore.ansi.org
Order from: http://webstore.ansi.org
Send comments (copy psa@ansi.org) to: Barbara Bennett <comments@standards.incits.org>

Comment Deadline: November 14, 2023

RVIA (Recreational Vehicle Industry Association)

2465 J-17 Centreville Road, #801, Herndon, VA 20171 | treamer@rvia.org, www.rvia.org

Revision

BSR/RVIA DC-202x, Standard for DC Voltage Systems in Recreational Vehicles (revision and redesignation of ANSI/RVIA LV-2020)
This standard covers the installation of DC voltage electrical systems and devices within recreational vehicles.
Single copy price: Free
Order from: Tyler Reamer <treamer@rvia.org>
Send comments (copy psa@ansi.org) to: Same

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 1191-202x, Standard for Components for Personal Flotation Devices (revision of ANSI/UL 1191-2023)
This proposal covers: (1) Correction of Table 19.2, Webbing Closures and Adjusters.
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”.

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062-2096 | Amy.K.Walker@ul.org, https://ulse.org/

Revision

BSR/UL 2157-202x, Standard for Safety for Electric Clothes Washing Machines and Extractors (revision of ANSI/UL 2157-2019)
This proposal for UL 2157 covers: Proposed Fifth Edition of the Standard for Electric Clothes Washing Machines and Extractors, including the following proposals: (a) Removal of wringer washer requirements; (b) Correction to risk of fire references; (c) Revising thermocouple requirements; (d) Proposed method to determine the amount of ventilation provided by an appliance; (e) Replacement parts; (f) Mean value of input current; (g) Change-of-resistance method; (h) Clarification of water heater feature requirements; (i) Leakage current requirements - Referencing UL 101; (j) Overfill electronic circuit requirements; (k) Liquid Spillage Test clarifications; (l) Proposal to Glass Loading Door and Lids Test of UL 2157, 4th Edition; (m) Addition of UL 510A insulating tape; (n) Sound (acoustic) insulation requirements; (o) Appliance capacitor/EMI filter requirements; (p) Revision to switch requirements; (q) Control requirement revisions; (r) Motor controls for commercial appliances; (s) Transition from UL 60950-1 to UL 62368-1; (t) Metal enclosure thickness; (u) Grounding screws with Phillips head; (v) Polymeric materials exposed to ozone: Clarification; (w) Table 10: Revisions; (x) Clarification of endurance cycles for control devices; (y) Remote safety firmware/software update requirements; (z) Plumbing requirement revision; (aa) Bottom opening requirements & shorted sheath heating elements; and (ab) Nichrome Wire Test procedure change.
Single copy price: Free
Order from: https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: "https://csds.ul.com/Home/ProposalsDefault.aspx."

Project Withdrawn

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

ULSE (UL Standards & Engagement)

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

BSR/UL 2525-202x, Standard for Safety for Two-Way Emergency Communications Systems for Rescue Assistance (revision of ANSI/UL 2525-2020)
Send comments (copy psa@ansi.org) to: Raji Ghandour <raji.ghandour@ul.org>

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

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

AWS (American Welding Society)

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

ANSI/AWS C2.19/C2.19M-2013, Specification for the Application of Thermal Spray Coatings to Machine Elements for OEM and Repair (new standard)
Send comments (copy psa@ansi.org) to: Peter Portela <pportela@aws.org>

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

AWS (American Welding Society)

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

ANSI/AWS J1.1/J1.1M-2013, Specification for Resistance Welding Controls (new standard)
Send comments (copy psa@ansi.org) to: Peter Portela <pportela@aws.org>

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

AWS (American Welding Society)

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

ANSI/AWS C7.1M/C7.1-2013, Recommended Practices for Electron Beam Welding (revision of ANSI/AWS C7.1M/C7.1-2004)
Send comments (copy psa@ansi.org) to: Peter Portela <pportela@aws.org>

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

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

ISA (International Society of Automation)

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

ANSI/ISA 71.04-2013, Environmental Conditions for Process Measurement and Control Systems: Airborne Contaminants (new standard)
Send comments (copy psa@ansi.org) to: Charley Robinson <crobinson@isa.org>

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

ISA (International Society of Automation)

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

ANSI/ISA 88.00.01-2010, Batch Control - Part 1: Models and Terminology (new standard)
Send comments (copy psa@ansi.org) to: Charley Robinson <crobinson@isa.org>

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

ISA (International Society of Automation)

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

ANSI/ISA 100.11a-2011, Wireless Systems for Industrial Automation: Process Control and Related Applications (new standard)
Send comments (copy psa@ansi.org) to: Charley Robinson <crobinson@isa.org>

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

ISA (International Society of Automation)

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

ANSI/ISA 107.01-2013, Industry Standard File Format for Revolution-Based Tip Timing Data (new standard)
Send comments (copy psa@ansi.org) to: Charley Robinson <crobinson@isa.org>

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

ISA (International Society of Automation)

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

ANSI/ISA 75.08.03-2001 (R2013), Face-to-Face Dimensions for Socket Weld-End and Screwed-End Globe-Style Control Valves (Classes 150, 300, 600, 900, 1500, and 2500) (reaffirmation of ANSI/ISA 75.08.03-2001 (R2007))
Send comments (copy psa@ansi.org) to: Eliana Brazda <ebrazda@isa.org>

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

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

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

ANSI/ISA 75.08.04-2007 (R2013), Face-to-Face Dimensions for Buttweld-End Globe-Style Control Valves (Class 4500) (reaffirmation of ANSI/ISA 75.08.04-2007)
Send comments (copy psa@ansi.org) to: Eliana Brazda <ebrazda@isa.org>

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

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

ANSI/ISA 75.08.06-2002 (R2013), Face-to-Face Dimensions for Flanged Globe-Style Control Valve Bodies (Classes 900, 1500, and 2500) (reaffirmation of ANSI/ISA 75.08.06-2002 (R2007))
Send comments (copy psa@ansi.org) to: Eliana Brazda <ebrazda@isa.org>

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

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

ANSI/ISA 75.08.07-2001 (R2013), Face-to-Face Dimensions for Separable Flanged Globe-Style Control Valves (Classes 150, 300, and 600) (reaffirmation of ANSI/ISA 75.08.07-2001 (R2007))
Send comments (copy psa@ansi.org) to: Eliana Brazda <ebrazda@isa.org>

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

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

ANSI/ISA 75.25.01-2001 (R2010), Test Procedure for Control Valve Response (reaffirmation of ANSI/ISA 75.25.01-2001)
Send comments (copy psa@ansi.org) to: Eliana Brazda <ebrazda@isa.org>

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

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

ANSI/ISA 77.44.01-2007 (R2013), Fossil Fuel Power Plant - Steam Temperature Controls (reaffirmation of ANSI/ISA 77.44.01-2007)
Send comments (copy psa@ansi.org) to: Charley Robinson <crobinson@isa.org>

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

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

ISA (International Society of Automation)

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

ANSI/ISA 75.11.01-2013, Inherent Flow Characteristic and Rangeability of Control Valves (revision of ANSI/ISA 75.11.01-1985 (R2002))
Send comments (copy psa@ansi.org) to: Eliana Brazda <ebrazda@isa.org>

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

ISA (International Society of Automation)

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

ANSI/ISA 77.20.01-2012, Fossil Fuel Power Plant Simulators: Functional Requirements (revision and partition of ANSI/ISA 77.20-2005)
Send comments (copy psa@ansi.org) to: Charley Robinson <crobinson@isa.org>

Withdrawal of an ANS by ANSI-Accredited Standards Developer

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

AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201-3001 | kbest@ahrinet.org, www.ahrinet.org

ANSI/AHRI Standard 1201 (SI)-2013, Performance Rating of Commercial Refrigerated Display Merchandisers and Storage Cabinets (revision of ANSI/AHRI Standard 1201-2010)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Karl Best <kbest@ahrinet.org>

API (American Petroleum Institute)

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

ANSI/API Specification 7-1/ISO 10424-1-2007 (R2015), Specification for Rotary Drill Stem Elements (reaffirm a national adoption ANSI/API Specification 7-1-2007)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Benjamin Coco <cocob@api.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.

ACCA (Air Conditioning Contractors of America)

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

ANSI/ACCA 3 Manual S-2023, Residential Equipment Selection (revision of ANSI/ACCA 3 Manual S-2014) Final Action Date: 9/7/2023 | *Revision*

ANS (American Nuclear Society)

555 North Kensington Avenue, La Grange Park, IL 60526 | kmurdoch@ans.org, www.ans.org

ANSI/ANS 41.5-2012 (R2023), Verification and Validation of Radiological Data for Use in Waste Management and Environmental Remediation (reaffirmation of ANSI/ANS 41.5-2012 (R2018)) Final Action Date: 9/7/2023 | *Reaffirmation*

ASABE (American Society of Agricultural and Biological Engineers)

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

ANSI/ASABE AD10448-NOV2014 (R2018), Agricultural tractors - Hydraulic pressure for implements (withdrawal of ANSI/ASABE AD10448-NOV2014 (R2018)) Final Action Date: 9/7/2023 | *Withdrawal*

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 A17.3-2023, Safety Code for Existing Elevators and Escalators (revision of ANSI/ASME A17.3-2020) Final Action Date: 9/11/2023 | *Revision*

ASTM (ASTM International)

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

ANSI/ASTM E1799-2012 (R2023), Practice for Visual Inspections of Photovoltaic Modules (reaffirmation of ANSI/ASTM E1799-2018 (R2018)) Final Action Date: 8/22/2023 | *Reaffirmation*

ANSI/ASTM E1802-2012 (R2023), Test Methods for Wet Insulation Integrity Testing of Photovoltaic Modules (reaffirmation of ANSI/ASTM E1802-2018 (R2018)) Final Action Date: 8/22/2023 | *Reaffirmation*

ANSI/ASTM E2481-2012 (R2023), Test Method for Hot Spot Protection Testing of Photovoltaic Modules (reaffirmation of ANSI/ASTM E2481-2018 (R2018)) Final Action Date: 8/22/2023 | *Reaffirmation*

ANSI/ASTM E2848-2013 (R2023), Test Method for Reporting Photovoltaic Non-Concentrator System Performance (reaffirmation of ANSI/ASTM E2848-2018 (R2018)) Final Action Date: 8/22/2023 | *Reaffirmation*

ANSI/ASTM E2908-2012 (R2023), Guide for Fire Prevention for Photovoltaic Panels, Modules, and Systems (reaffirmation of ANSI/ASTM E2908-2018 (R2018)) Final Action Date: 8/22/2023 | *Reaffirmation*

ANSI/ASTM E2939-2013 (R2023), Practice for Determining Reporting Conditions and Expected Capacity for Photovoltaic Non-Concentrator Systems (reaffirmation of ANSI/ASTM E2939-2018 (R2018)) Final Action Date: 8/22/2023 | *Reaffirmation*

ANSI/ASTM F910-2004 (R2023), Specification for Face Guards for Youth Baseball (reaffirmation of ANSI/ASTM F910 -2010 (R2015)) Final Action Date: 8/22/2023 | *Reaffirmation*

ANSI/ASTM F1975-2015 (R2023), Specification for Nonpowered Bicycle Trailers Designed for Human Passengers (reaffirmation of ANSI/ASTM F1975-2015) Final Action Date: 8/22/2023 | *Reaffirmation*

ASTM (ASTM International)

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

ANSI/ASTM F2220-2015 (R2023), Specification for Headforms (reaffirmation of ANSI/ASTM F2220-2015) Final Action Date: 8/22/2023 | *Reaffirmation*

ANSI/ASTM F2681-2018 (R2023), Specification for Body Protectors Used in Equine Racing (reaffirmation of ANSI/ASTM F2681-2018) Final Action Date: 8/22/2023 | *Reaffirmation*

ANSI/ASTM F2918-2011 (R2023), Test Method for Weighing a Bicycle (reaffirmation of ANSI/ASTM F2918-2011 (R2015)) Final Action Date: 8/22/2023 | *Reaffirmation*

ANSI/ASTM F2976-2013 (R2023), Practice for Determining the Field Performance of Commercial Kitchen Demand Control Ventilation Systems (reaffirmation of ANSI/ASTM F2976-2013 (R2019)) Final Action Date: 8/22/2023 | *Reaffirmation*

ANSI/ASTM E84-2023a, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2023) Final Action Date: 9/1/2023 | *Revision*

ANSI/ASTM F1551-2023, Test Methods for Comprehensive Characterization of Synthetic Turf Playing Surfaces and Materials (revision of ANSI/ASTM F1551-2009 (R2017)) Final Action Date: 9/1/2023 | *Revision*

ANSI/ASTM F2276-2023, Specification for Fitness Equipment (revision of ANSI/ASTM F2276-2010 (R2015)) Final Action Date: 8/22/2023 | *Revision*

ANSI/ASTM D4756-2015 (R2021), Practice for Installation of Rigid Poly(Vinyl Chloride) (PVC) Siding and Soffit (withdrawal of ANSI/ASTM D4756-2015 (R2021)) Final Action Date: 8/22/2023 | *Withdrawal*

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 | dgreco@atis.org, www.atis.org

ANSI/ATIS 0600015.03-2023, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting for Router and Ethernet Switch Products (revision of ANSI/ATIS 0600015.03-2016 (R2021)) Final Action Date: 9/11/2023 | *Revision*

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

INCITS/ISO 3275:1974 [S2023], Information processing -- Implementation of the 7- bit coded character set and its 7-bit and 8- bit extensions on 3,81 mm magnetic cassette for data interchange (stabilized maintenance of INCITS/ISO 3275:1974 [R2018]) Final Action Date: 9/5/2023 | *Stabilized Maintenance*

NSF (NSF International)

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

ANSI/NSF 245-2023 (i34r1), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2022) Final Action Date: 9/7/2023 | *Revision*

ANSI/NSF 350-2023 (i76r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2022) Final Action Date: 9/7/2023 | *Revision*

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062-2096 | madison.lee@ul.org, https://ulse.org/

ANSI/UL 1561-2019 (R2023), Standard for Safety for Dry-Type General Purpose and Power Transformers (reaffirmation of ANSI/UL 1561-2019) Final Action Date: 8/31/2023 | *Reaffirmation*

ULSE (UL Standards & Engagement)

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

ANSI/UL 1650-2019 (R2023), Standard for Portable Power Cable (reaffirmation of ANSI/UL 1650-2019) Final Action Date: 9/7/2023 | *Reaffirmation*

ANSI/UL 588-2023, Standard for Safety for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588-2022) Final Action Date: 9/8/2023 | *Revision*

ANSI/UL 943-2023, Standard for Safety for Ground-Fault Circuit-Interrupters (revision of ANSI/UL 943-2018) Final Action Date: 9/5/2023 | *Revision*

ANSI/UL 1598C-2023, Standard for Safety for Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits (revision of ANSI/UL 1598c-2017) Final Action Date: 9/8/2023 | *Revision*

ANSI/UL 2443-2023, Standard for Flexible Sprinkler Hose with Fittings for Fire Protection Service (revision of ANSI/UL 2443-2021) Final Action Date: 9/7/2023 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

ANSI Accredited Standards Developer

APCO - Association of Public-Safety Communications Officials-International

Call for Participation is open September 1, 2023 – October 1, 2023

The Association of Public-Safety Communications Officials (APCO) International has issued a call for participation for working group members to participate in the revision of APCO ANS Multi-Functional Multi-Discipline Computer Aided Dispatch (CAD) Minimum Functional Requirements. The revision and redesignation of this standard provides public safety agencies with tools to assist them in planning and preparing the Request for Proposal (RFP) accurately meeting the needs of their emergency communications center (ECC). APCO is seeking participants in the User, Producer and General Interest categories.

Call for Participation is open September 1, 2023 – October 1, 2023. Contact person is Mindy Adams at adamsm@apcointl.org or 469-424-7599.

ANSI Accredited Standards Developer

ECIA - Electronic Components Industry Association

Call for Members (General Interest – all Committees)

ECIA, through its EIA Standards Committee (ESC), provides a unique forum for the discussion of technical issues and development of industry standards that drive the manufacture, application and use of electronic component products and systems on a global basis. These voluntary industry standards carry the "EIA Standards" trademark and are developed in accordance with, and accredited by, the American National Standards Institute (ANSI).

Anyone with a material interest in the subject matter may participate on an ECIA standards committee. Membership in all interest categories is always welcome; however, ECIA is particularly seeking General Interest members for the following committees:

ACH Automated Component Handling - Committee Scope: Develop and maintain engineering standards and publications for tape, reels, magazines, trays, etc. for handling components in production. Also, provide technical input to US national positions on related international standards issues and proposals.
P-1 Resistive Devices - Committee Scope: All types of resistive components regardless of technology. Includes composition, film, wirewound, thermistors, varistors, networks, chip resistors and integrated passive devices
P-2.1 Ceramic Dielectric Capacitors - Committee Scope: All types of Ceramic Dielectric Capacitors.
P-2.2 Paper, Film, Mica & Wet-Electrolytic Capacitors - Committee Scope: Paper, film, mica and wet-electrolytic capacitors for all AC and DC applications, except inductive heating and utility power-factor correction.
P-2.5 Solid Electrolytic Capacitors - Committee Scope: All types of Tantalum Capacitors.
P-3 Inductive Components - Committee Scope: Covers all types of inductive components regardless of technology used in electronic circuits. It includes inductors, rf. (chokes, filters, interference filters, inductors and transformers), chip inductors, and variable inductors.
Soldering Technology - Committee Scope: The STC encompasses soldering practices (soldering iron-mass reflow techniques) and associated soldering materials (solders, pastes and adhesives, and flux/cleaning agents). However, the Committee will focus on solderability test method development for printed throughhole (PTH) and surface mountable components. One of the major functions is to promote commonality and standardization of soldering test methodology within the EIA Sectors.

For more information or to sign up for the meetings, please contact Ed Mikoski Jr, Vice-President of Standards and Technology or Laura Donohoe, Manager of Standards and Technology.

ABYC (American Boat and Yacht Council)

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

BSR/ABYC H-3-202x, Exterior Windows, Windshields, Hatches, Doors, Portlights, and Glazing Materials (revision of ANSI/ABYC H-3-2019)
Interest Categories: Soliciting member categories: Manufacturer - Engines; Specialist Service

ABYC (American Boat and Yacht Council)

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

BSR/ABYC H-29-202x, Canoes and Kayaks (revision of ANSI/ABYC H-29-2022)
Interest Categories: Soliciting for member categories: Specialist Service

ABYC (American Boat and Yacht Council)

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

BSR/ABYC H-40-202x, Anchoring, Mooring, and Strong Points (revision of ANSI/ABYC H-40-2019)
Interest Categories: Soliciting for member categories: Manufacturer - Engines; Specialist Service

ABYC (American Boat and Yacht Council)

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

BSR/ABYC P-1-202x, Installation of Exhaust Systems for Propulsion and Auxiliary Engines (revision of ANSI/ABYC P-1-2019)
Interest Categories: Soliciting member categories: Manufacturer - Accessory; Insurance/Survey

ABYC (American Boat and Yacht Council)

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

BSR/ABYC P-4-202x, Marine Inboard Engines and Transmissions (revision of ANSI/ABYC P-4-2019)
Interest Categories: Soliciting for member categories: Manufacturer - Accessory; Insurance/Survey

AWS (American Welding Society)

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

BSR/AWS A5.02/A5.02M-202x, Specification for Filler Metal Standard Sizes, Packaging, and Physical Attributes (new standard)

AWS (American Welding Society)

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

BSR/AWS A5.21/A5.21M-202x, Specification for Bare Electrodes and Rods for Surfacing (new standard)

AWS (American Welding Society)

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

BSR/AWS C1.1M/C1.1-202x, Recommended Practices for Resistance Welding (revision of ANSI/AWS C1.1M/C1.1-2022-AMD1)

DirectTrust (DirectTrust.org, Inc.)

1629 K Street NW, Suite 300, Washington, DC 20006 | standards@directtrust.org, www.DirectTrust.org

BSR/DS2019-01-400-202x, Implementation Guide for Delivery Notification in Direct (new standard)
Interest Categories: Call for members: Are you interested in contributing to the development and maintenance of the Direct Standard® to enable exchange of authenticated, encrypted health information to known trusted recipients? DirectTrust is currently seeking members in the following categories: ● Healthcare Sector ● Government Sector ● Payer Sector ● Consumer Sector ● Social Care Sector ● General Interest and Advocacy ● Information Technology Sector ● Interoperability and Systems Integration Sector If you are interested in joining the DS2019_01- The Direct Standard® Consensus Body, contact Standards@DirectTrust.org.

DirectTrust (DirectTrust.org, Inc.)

1629 K Street NW, Suite 300, Washington, DC 20006 | standards@directtrust.org, www.DirectTrust.org

BSR/DS2020-03-101-202x, Event Notifications via the Direct Standard® (revision of ANSI/DS 2020-03-100-2022)
Interest Categories: Call for members: Are you interested in contributing to the development and maintenance of an implementation guide for actors in the healthcare ecosystem who will use the Direct Standard™ for the communication of various transactions in support of Encounter and Event Notifications? DirectTrust is seeking members in the Healthcare, Government, Payer, Consumer, Social Care, Information Technology, and Interoperability and Systems Integration sectors, and General Interest and Advocacy. To pursue joining DS2020_03-Event Notifications via the Direct Standard™ Consensus Body, contact Standards@DirectTrust.org.

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

BSR/INCITS/ISO 19150-6:2023 [202x], Geographic information - Ontology - Part 6: Service ontology register (identical national adoption of ISO 19150-6:2023)

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

BSR/INCITS/ISO 19160-4:2023 [202x], Addressing - Part 4: International postal address components and template language (identical national adoption of ISO/IEC 19160-4:2023 and revision of INCITS/ISO 19160-4:2017 [2019])

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

BSR/INCITS/ISO 19131:2022 [202x], Geographic information - Data product specifications (identical national adoption of ISO 19131:2022 and revision of INCITS/ISO 19131:2007 [R2022])

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

BSR/INCITS/ISO/IEC 7816-6:2023 [202x], Identification cards - Integrated circuit cards - Part 6: Interindustry data elements for interchange (identical national adoption of ISO/IEC 7816-6:2023 and revision of INCITS/ISO/IEC 7816 -6:2016 [2019])

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

BSR/INCITS/ISO/IEC 18013-2:2020/AM1:2023 [202x], Personal identification - ISO-compliant driving licence - Part 2: Machine-readable technologies - Amendment 1: DG11 length for compact encoding (identical national adoption of ISO/IEC 18013-2:2020/AM1:2023)

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

BSR/INCITS/ISO/IEC 18013-3:2017/AM2:2023 [202x], Information technology - Personal identification - ISO-compliant driving licence - Part 3: Access control, authentication and integrity validation - Amendment 2: Updates for passive authentication (identical national adoption of ISO/IEC 18013-3:2017/AM2:2023)

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

BSR/INCITS/ISO/IEC 23220-1:2023 [202x], Cards and security devices for personal identification - Building blocks for identity management via mobile devices - Part 1: Generic system architectures of mobile eID systems (identical national adoption of ISO/IEC 23220-1:2023)

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

BSR/INCITS/ISO/IEC 23465-1:2023 [202x], Card and security devices for personal identification - Programming interface for security devices - Part 1: Introduction and architecture description (identical national adoption of ISO/IEC 23465-1:2023)

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

BSR/INCITS/ISO/IEC 8652:2023 [202x], Information technology - Programming languages - Ada (identical national adoption of ISO/IEC 8652:2023)

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

BSR/INCITS/ISO/IEC 23488:2022 [202x], Information technology - Computer graphics, image processing and environment data representation - Object/environmental representation for image-based rendering in virtual/mixed and augmented reality (VR/MAR) (identical national adoption of ISO/IEC 23488:2022)

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

BSR/INCITS/ISO/IEC 25059:2023 [202x], Software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Quality model for AI systems (identical national adoption of ISO/IEC 25059:2023)

NSF (NSF International)

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

BSR/NSF 50-202x (i202r5), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2021)

NSF (NSF International)

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

BSR/NSF 336-202x (i4r1), Sustainability Assessment for Commercial Furnishings Fabric (revision of ANSI/NSF 336 -2018)

NSF (NSF International)

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

BSR/NSF 498-202x (i2r1), Sustainability Program Document for Architectural Coatings (revision of ANSI/NSF 498 -2023)

NSF (NSF International)

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

BSR/NSF/NSI 373-202x (i8r1), Sustainable Production of Natural Dimension Stone (revision of ANSI/NSI 373 -2022a)

SAIA (ASC A11) (Scaffold & Access Industry Association)

400 Admiral Boulevard, Kansas City, MO 64106 | deanna@saiaonline.org, www.saiaonline.org

BSR/SAIA A11.5-202x, Standard for Testing and Rating Vertical Concrete Formwork, Ties, and Accessories (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 linkis www.ansi.org/asd and here are some direct links as well as highlights of information that is available:

Where to find Procedures, Guidance, Interpretations and More…

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

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

www.ansi.org/essentialrequirements

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

www.ansi.org/standardsaction

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

www.ansi.org/sdoaccreditation

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

www.ansi.org/asd

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

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

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

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

Accreditation Announcements (Standards Developers)

Public Review of Application for ASD Accreditation

ADCI - Association of Diving Contractors International

Comment Deadline: 10/16/2023

The Association of Diving Contractors International (ADCI) has submitted an application for accreditation as an ANSI Accredited Standards Developer (ASD) and proposed operating procedures for documenting consensus on ADCI-sponsored American National Standards. ADCI's proposed scope of standards activity is as follows:

The Association of Diving Contractors International desires to sponsor, develop and maintain a new American National Standard for the minimum requirements for training entry level commercial divers.

As the proposed procedures are available electronically, the public review period is 30 days. To view or download a copy of ADCI's proposed operating procedures from ANSI Online during the public review period, click here.

To obtain a copy of ADCI's application and proposed operating procedures or to offer comments, please contact: Phillip Newsum, Executive Director, Association of Diving Contractors International, 506 Cypress Creek Pky, Suite 202, Houston, TX 77069; ph (281) 893-5118; email: Phillip.Newsum@adc-int.org. Please submit any comments to ADCI by October 16, 2023 (please copy the ExSC Recording Secretary in ANSI's New York Office (jthompso@ansi.org)).

Public Review of Revised ASD Operating Procedures

NOCSAE - National Operating Committee on Standards for Athletic Equipment

Comment Deadline: October 16, 2023

The **NOCSAE - National Operating Committee on Standards for Athletic Equipment**, an ANSI-Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on NOCSAE-sponsored American National Standards, under which it was last reaccredited in 2019. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Michael Oliver, National Operating Committee on Standards for Athletic Equipment (NOCSAE) | 11020 King Street, Suite 215, Overland Park, KS 66210 | (913) 888-1340, mike.oliver@nocsae.org

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

Please submit any public comments on the revised procedures to NOCSAE by **October 16, 2023**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org)

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

A3 - Association for Advancing Automation

October 12, 2023 Meeting

ANSI-Accredited Standards Committee: R15.08, Industrial Mobile Robot Safety

Meeting Format & Location: In-person/hybrid, with the in-person portion in the Pittsburgh, PA, area
Purpose: Initial input from full committee to the drafting team, on early content of R15.08-3.

Day/Date/Time: Thursday, 10/12/23, from 8:30 AM – 11:30 AM, Eastern Time
Meeting Host/Sponsor: A3

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

ANSI Accredited Standards Developer

CSA - CSA America Standards Inc.

Fuel Cell Technical Committee - November 7, 2023

CSA Group will hold the Fuel Cell Technical Committee meeting by teleconference on November 7, 2023 from 1 p.m. to 4 p.m. EST. For more information on the meeting and the agenda, contact Mark Duda at mark.duda@csagroup.org.

Guests planning to attend the meeting are required to notify the project manager listed below in advance of the meeting, and provide a brief explanation of interest. If you wish to present specific comments on an item of business, you are required to notify the project manager in writing no later than October 1, 2023. Notification shall include any material proposed for presentation to the Technical Committee. For information, please contact Project Manager, Mark Duda at mark.duda@csagroup.org.

American National Standards Under Continuous Maintenance

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

AARST (American Association of Radon Scientists and Technologists)

AGA (American Gas Association)

AGSC (Auto Glass Safety Council)

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ASME (American Society of Mechanical Engineers)

ASTM (ASTM International)

GBI (Green Building Initiative)

HL7 (Health Level Seven)

Home Innovation (Home Innovation Research Labs)

IES (Illuminating Engineering Society)

ITI (InterNational Committee for Information Technology Standards)

MHI (Material Handling Industry)

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

NCPDP (National Council for Prescription Drug Programs)

NEMA (National Electrical Manufacturers Association)

NFRC (National Fenestration Rating Council)

NISO (National Information Standards Organization)

NSF (NSF International)

PRCA (Professional Ropes Course Association)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

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

Teresa Ambrosius
tambrosius@aafs.org

ABYC
American Boat and Yacht Council
613 Third Street, Suite 10
Annapolis, MD 21403
www.abycinc.org

Emily Parks
eparks@abycinc.org

ACCA
Air Conditioning Contractors of America
1520 Belle View Boulevard, #5220
Alexandria, VA 22307
www.acca.org

David Bixby
david.bixby@acca.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526
www.ans.org

Kathryn Murdoch
kmurdoch@ans.org

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

Carla Companion
companion@asabe.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
180 Technology Parkway
Peachtree Corners, GA 30092
www.ashrae.org

Carmen King
cking@ashrae.org

Mark Weber
mweber@ashrae.org

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

Terrell Henry
ansibox@asme.org

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

Laura Klineburger
accreditation@astm.org

Lauren Daly
ldaly@astm.org

ATIS
Alliance for Telecommunications Industry Solutions
1200 G Street NW, Suite 500
Washington, DC 20005
www.atis.org

Drew Greco
dgreco@atis.org

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

Kevin Bulger
kbulger@aws.org

Mario Diaz
mdiaz@aws.org

CGA
Compressed Gas Association
8484 Westpark Drive, Suite 220
McLean, VA 22102
www.cganet.com

Kristy Mastromichalis
kmastromichalis@cganet.com

CSA
CSA America Standards Inc.
8501 East Pleasant Valley Road
Cleveland, OH 44131
www.csagroup.org

Debbie Chesnik
ansi.contact@csagroup.org

DirectTrust
DirectTrust.org, Inc.
1629 K Street NW, Suite 300
Washington, DC 20006
www.DirectTrust.org

Stacy Clements
standards@directtrust.org

IAPMO (3)
International Association of Plumbing & Mechanical Officials
4755 East Philadelphia Street
Ontario, CA 91761
www.iapmo.org

Hugo Aguilar
hugo.aguilar@iapmo.org

IAPMO (WES)
International Association of Plumbing & Mechanical Officials
4755 East Philadelphia Street
Ontario, CA 91761
http://www.iapmo.org

Hugo Aguilar
hugo.aguilar@iapmo.org

IAPMO (Z)
International Association of Plumbing & Mechanical Officials
18927 Hickory Creek Drive, Suite 220
Mokena, IL 60448
https://www.iapmostandards.org

Terry Burger
terry.burger@asse-plumbing.org

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

Karen Evangelista
k.evangelista@ieee.org

Suzanne Merten
s.merten@ieee.org

ISANTA
International Staple, Nail and Tool Association
8735 W. Higgins Road, Suite 300; c/o Association Management Center
Chicago, IL 60631

Jeff Henry
jhenry@isanta.org

ITI (INCITS)
InterNational Committee for Information Technology Standards
700 K Street NW, Suite 600
Washington, DC 20001
www.incits.org

Deborah Spittle
comments@standards.incits.org

NFPA
National Fire Protection Association
One Batterymarch Park
Quincy, MA 02169
www.nfpa.org

Dawn Michele Bellis
dbellis@nfpa.org

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

Andrea Burr
aburr@nsf.org

Jason Snider
jsnider@nsf.org

Rachel Brooker
rbrooker@nsf.org

PEARL
Professional Electrical Apparatus Recyclers League
17 Faulkner Drive
Niantic, CT 06357
www.pearl1.org

Michael Tierney
mtierney@kellencompany.com

RVIA
Recreational Vehicle Industry Association
2465 J-17 Centreville Road, #801
Herndon, VA 20171
www.rvia.org

Tyler Reamer
treamer@rvia.org

SAIA (ASC A11)
Scaffold & Access Industry Association
400 Admiral Boulevard
Kansas City, MO 64106
www.saiaonline.org

DeAnna Martin
deanna@saiaonline.org

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

Celine Eid
celine.eid@ul.org

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

Anne Marie Jacobs
annemarie.jacobs@ul.org

Ashley Seward
ashley.seward@ul.org

Lauren Valentino
lauren.valentino@ul.org

Nicolette Weeks
Nicolette.A.Weeks@ul.org

ULSE
UL Standards & Engagement
333 Pfingsten Road
Northbrook, IL 60062
https://ulse.org/

Amy Walker
Amy.K.Walker@ul.org

Christina Riemer
christina.riemer@ul.org

Heather Sakellariou
Heather.Sakellariou@ul.org

Madison Lee
madison.lee@ul.org

Megan Van Heirseele
Megan.M.VanHeirseele@ul.org

Roger Pareja
roger.pareja@ul.org

Susan Malohn
Susan.P.Malohn@ul.org

ULSE
UL Standards & Engagement
47173 Benicia Street
Fremont, CA 94538
https://ulse.org/

Derrick Martin
Derrick.L.Martin@ul.org

Linda Phinney
Linda.L.Phinney@ul.org

Marcia Kawate
Marcia.M.Kawate@ul.org

ISO & IEC Draft International Standards

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

COMMENTS

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

Those regarding IEC documents should be sent to Tony Zertuche, General Secretary, USNC/IEC, at ANSI's New York offices (tzertuche@ansi.org). The final date for offering comments is listed after each draft.

ORDERING INSTRUCTIONS

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

ISO Standards

Agricultural food products (TC 34)

ISO/DIS 7102, Infant formula - Determination of β-galactooligosaccharides - Ultra high performance liquid chromatography (UHPLC) with fluorescence detection after pre-column derivatization - 11/26/2023, $77.00

Air quality (TC 146)

ISO/DIS 16000-22, Indoor air - Part 22: Detection and quantification of fungal biomass by fungal β-N-acetylhexosaminidase enzyme activity - 11/27/2023, $58.00

ISO/DIS 16000-43, Indoor air - Part 43: Standard method for assessing the reduction rate of culturable airborne fungi by air purifiers using a test chamber - 11/30/2023, $71.00

Aircraft and space vehicles (TC 20)

ISO/DIS 10254, Air cargo and ground equipment - Vocabulary - 11/27/2023, $82.00

Anaesthetic and respiratory equipment (TC 121)

ISO/DIS 7396-3, Medical gas pipeline systems - Part 3: Proportioning units for the production of synthetic medical air - 11/30/2023, $98.00

Compressors, pneumatic tools and pneumatic machines (TC 118)

ISO/DIS 4376, Cycle energy requirement - Test method - 11/30/2023, $82.00

Dimensional and Geometrical Product Specifications and Verification (TC 213)

ISO/DIS 16610-21, Geometrical product specifications (GPS) - Filtration - Part 21: Linear profile filters: Gaussian filters - 11/24/2023, $93.00

Earth-moving machinery (TC 127)

ISO 13031:2016/DAmd 1, - Amendment 1: Earth-moving machinery - Quick couplers - Safety - Amendment 1 - 11/24/2023, $33.00

Environmental management (TC 207)

ISO/DIS 14071, Environmental management - Life cycle assessment - Critical review processes and reviewer competencies: Additional requirements and guidelines to ISO 14044:2006 - 11/26/2023, $58.00

ISO/DIS 14072, Environmental management - Life cycle assessment - Requirements and guidelines for organizational life cycle assessment - 11/26/2023, $88.00

ISO/DIS 14075, Environmental management - Principles and framework for social life cycle assessment - 11/26/2023, $98.00

Equipment for fire protection and fire fighting (TC 21)

ISO/DIS 7076-6, Fire protection - Foam fire extinguishing systems - Part 6: Vehicle mounted compressed air foam systems - 11/27/2023, $82.00

Indirect, temperature-controlled refrigerated delivery services – land transport of parcels with intermediate transfer (TC 315)

ISO/DIS 31512, Cold chain logistics services in Business to Business (B to B) sector - Requirements and guidelines for storage and transport - 11/30/2023, $67.00

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

ISO/DIS 23936-4, Oil and gas industries including lower carbon energy - Non-metallic materials in contact with media related to oil and gas production - Part 4: Fiber-reinforced composite - 11/23/2023, $125.00

Paper, board and pulps (TC 6)

ISO/DIS 12507, Paper and Pulp - Deinkability test for printed paper product mixtures containing woodfree printed paper - 11/27/2023, $82.00

Plastics (TC 61)

ISO/DIS 4892-3, Plastics - Methods of exposure to laboratory light sources - Part 3: Fluorescent UV lamps - 11/30/2023, $77.00

Risk management (TC 262)

ISO/DIS 31031, Managing risk for youth and school trips - 11/30/2023, $119.00

Surface chemical analysis (TC 201)

ISO/DIS 20579-1, Surface chemical analysis - Sample handling, preparation and mounting - Part 1: Documenting and reporting the handling of specimens prior to analysis - 11/27/2023, $67.00

Technical drawings, product definition and related documentation (TC 10)

ISO/DIS 14617-1, Graphical symbols for diagrams - Part 1: General rules - 11/30/2023, $93.00

Technical systems and aids for disabled or handicapped persons (TC 173)

ISO/DIS 20342-5, Assistive products for tissue integrity when lying down - Part 5: Resistance to cleaning and disinfection - 11/24/2023, $40.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23094-3:2022/DAmd 1, - Amendment 1: Information technology - General video coding - Part 3: Conformance and reference software for low complexity enhancement video coding - Amendment 1: Improvement to reference software - 11/23/2023, $29.00

ISO/IEC DIS 21122-2, Information technology - JPEG XS low-latency lightweight image coding system - Part 2: Profiles and buffer models - 11/26/2023, $125.00

ISO/IEC DIS 21122-3, Information technology - JPEG XS low-latency lightweight image coding system - Part 3: Transport and container formats - 11/23/2023, $125.00

ISO/IEC DIS 23009-9, Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 9: Redundant encoding and packaging for segmented live media (REaP) - 11/23/2023, $107.00

ISO/IEC DIS 23000-22, Information technology - Multimedia application format (MPEG-A) - Part 22: Multi-image application format (MIAF) - 11/23/2023, $112.00

IEC Standards

Alarm systems (TC 79)

79/697/CDV, IEC 62676-2-11 ED1: Alarm systems - Video Surveillance Systems (VSS) for use in security applications - Part 2-11: Video transmission protocols - Interop profiles for VMS- and cloud VSaaS-systems for safe-cities and law-enforcement, 12/01/2023

All-or-nothing electrical relays (TC 94)

94/943/CDV, IEC 61810-7-6 ED1: Electrical relays - Tests and Measurements - Part 7-6: Contact-circuit resistance (or voltage drop), 12/01/2023

Dependability (TC 56)

56/1999/CDV, IEC 61025 ED3: Fault tree analysis (FTA), 12/01/2023

Electrical accessories (TC 23)

23A/1048/CDV, IEC 61196-12 ED1: Coaxial communication cables - Part 12: Specification for spacer clamps for radiating cables, 12/01/2023

Electrical Energy Storage (EES) Systems (TC 120)

120/333/FDIS, IEC 62933-4-4 ED1: Electrical energy storage (EES) systems- Part 4-4: Standard on environmental issues battery-based energy storage systems (BESS) with reused batteries - requirements, 10/20/2023

Electrical equipment in medical practice (TC 62)

62D/2070(F)/FDIS, IEC 80601-2-77/AMD1 ED1: Amendment 1 - Medical electrical equipment - Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment, 09/22/2023

62D/2082/CD, ISO 80601-2-61 ED3: Medical electrical equipment - Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment, 11/03/2023

Electrical installations for the lighting and beaconing of aerodromes (TC 97)

97/264(F)/FDIS, IEC 61820-3-2 ED1: Electrical installations for lighting and beaconing of aerodromes - Part 3-2: Requirements for power supplies - Particular requirements for series circuits, 09/22/2023

Fibre optics (TC 86)

86B/4793(F)/FDIS, IEC 61753-021-02 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 021-02: Single-mode fibre optic connectors terminated as pigtails and patchcords for category C - Controlled environment, 09/22/2023

86B/4792(F)/FDIS, IEC 61753-021-06 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 021-06: Single-mode fibre optic connectors terminated as pigtails and patchcords for category OP+ - Extended outdoor protected environment, 09/22/2023

Fluids for electrotechnical applications (TC 10)

10/1204/CDV, IEC 61039 ED3: Classification of insulating liquids, 12/01/2023

10/1203/CDV, IEC 61203 ED2: Synthetic esters - Guidelines for maintenance and use in electrical equipment, 12/01/2023

Industrial-process measurement and control (TC 65)

65E/1029/CDV, IEC 63270 ED1: Industrial automation equipment and systems - Predictive maintenance, 12/01/2023

Insulating materials (TC 15)

15/1018/FDIS, IEC 60763-2/AMD1 ED2: Amendment 1: Specification for laminated pressboard - Part 2: Methods of test, 10/20/2023

15/1017/FDIS, IEC 60893-2 ED3: Insulating materials - Industrial rigid laminated sheets based on thermosetting resins for electrical purposes - Part 2: Methods of test, 10/20/2023

Lightning protection (TC 81)

81/737/FDIS, IEC 62305-1 ED3: Protection against lightning - Part 1: General principles, 10/20/2023

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

113/788/CD, ISO TS 80004-13 ED2: Nanotechnologies - Vocabulary - Part 13: Graphene and related two-dimensional (2D) materials, 11/03/2023

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

66/810/CD, IEC 61010-1/AMD2 ED3: Amendment 2 - Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements, 11/03/2023

Semiconductor devices (TC 47)

47D/955/CDV, IEC 63378-2 ED1: Thermal standardization on semiconductor packages - Part 2: 3D thermal simulation models of discrete semiconductor packages for steady-state analysis, 12/01/2023

47/2816/NP, PNW 47-2816 ED1: The recognition criteria of defects in polished indium phosphide wafers - Part 1: Classification of defects, 12/01/2023

47/2817/NP, PNW 47-2817 ED1: Non-destructive recognition criteria of defects in silicon carbide homoepitaxial wafer for power devices - Part 5: Test method for defects using X-ray topography, 12/01/2023

Surface mounting technology (TC 91)

91/1905/CD, IEC 61249-2-52 ED1: Materials for printed boards and other interconnecting structures - Part 2-52: Reinforced base materials clad and unclad - Thermosetting hydrocarbon resin system, woven E-glass reinforced laminate sheets of defined flammability (vertical burning test), copper-clad, 12/01/2023

91/1895(F)/FDIS, IEC 63215-2 ED1: Endurance test methods for die attach materials - Part 2: Temperature cycling test method for die attach materials applied to discrete type power electronic devices, 09/29/2023

Switchgear and Controlgear and Their Assemblies for Low Voltage (TC 121)

121B/186/CD, IEC 61439-6 ED2: Low-voltage switchgear and controlgear assemblies - Part 6: Busbar trunking systems (busways), 12/01/2023

121B/187/DTS, IEC TS 63290 ED1: Supplementary requirements for intelligent assemblies, 11/03/2023

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

Aircraft and space vehicles (TC 20)

ISO 23665:2023, Unmanned aircraft systems - Training for personnel involved in UAS operations, $210.00

Building environment design (TC 205)

ISO 11855-6:2018/Amd 1:2023, - Amendment 1: Building environment design - Design, dimensioning, installation and control of embedded radiant heating and cooling systems - Part 6: Control - Amendment 1, $22.00

Fine ceramics (TC 206)

ISO 5189:2023, Fine ceramics (advanced ceramics, advanced technical ceramics) - Methods for chemical analysis of metal impurities in silicon dioxide powders using inductively coupled plasma-optical emission spectrometry, $77.00

Industrial fans (TC 117)

ISO 12759-1:2023, Fans - Efficiency classification for fans - Part 1: General requirements, $157.00

Light metals and their alloys (TC 79)

ISO 13093:2023, Titanium and titanium alloys - Determination of carbon - Infrared absorption method after combustion in an induction furnace, $77.00

Photography (TC 42)

ISO 22028-4:2023, Photography and graphic technology - Extended colour encodings for digital image storage, manipulation and interchange - Part 4: European Colour Initiative RGB colour image encoding [eciRGB (2008)], $116.00

ISO/PAS 18940-1:2023, Imaging materials - Image permanence specification of reflection photographic prints for indoor applications - Part 1: Test methods, $77.00

Ships and marine technology (TC 8)

IEC/IEEE 80005-1:2019/Amd 2:2023, $26.00

Textiles (TC 38)

ISO 5157:2023, Textiles - Environmental aspects - Vocabulary, $51.00

ISO Technical Reports

Sustainable development in communities (TC 268)

ISO/TR 37178:2023, Smart community infrastructures - Data exchange and sharing for the lamppost network in smart community, $77.00

ISO Technical Specifications

Innovation management (TC 279)

ISO/TS 56010:2023, Innovation management - Illustrative examples of ISO 56000, $116.00

IEC Standards

Insulators (TC 36)

IEC 61462 Ed. 2.0 b:2023, Composite hollow insulators - Pressurized and unpressurized insulators for use in electrical equipment with AC rated voltage greater than 1 000 V AC and D.C. voltage greater than 1500V - Definitions, test methods, acceptance criteria and design recommendations, $367.00

Power electronics (TC 22)

IEC 61800-5-1 Ed. 3.0 b Cor.1:2023, Corrigendum 1 - Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy, $0.00

Small power transformers and reactors and special transformers and reactors (TC 96)

IEC 61558-2-3 Ed. 3.0 b Cor.1:2023, Corrigendum 1 - Safety of transformers, reactors, power supply units and combinations thereof - Part 2-3: Particular requirements and tests for ignition transformers for gas and oil burners, $0.00

IEC 61558-2-16 Ed. 2.0 b Cor.1:2023, Corrigendum 1 - Safety of transformers, reactors, power supply units and combinations thereof - Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units for general applications, $0.00

Accreditation Announcements (U.S. TAGs to ISO)

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

TC 345, Specialty metals and minerals

Comment Deadline: October 16, 2023

The American National Standards Institute (ANSI) has submitted an Application for Accreditation for a new proposed U.S. Technical Advisory Group (TAG) to ISO TC 345, Specialty metals and minerals, and a request for approval as TAG Administrator. The proposed TAG intends to operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures. To obtain a copy of the TAG application or to offer comments, please contact: Jason Knopes, Sr. Manager, ISO Outreach and Enhanced Services, 25 W. 43rd Street, 4th Floor, New York, NY 10036; ph. 212.642.4886; email: jknopes@ansi.org. Please submit any comments by October 16, 2023 (please copy (jthompso@ANSI.org).

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Urban Logistics

Comment Deadline: September 22, 2023

KATS, the ISO member body for South Korea, has submitted to ISO a proposal for a new field of ISO technical activity on Urban Logistics, with the following scope statement:

Standardization in the field of urban logistics technology and services, including but not limited to terms, functions, assessments and evaluations, and requirements for economical, efficient and eco-friendly urban logistics.

The goal of the technical committee is to help build urban logistics technologies and services that are sustainable, socially and economically responsible.

Standardization activities are technologies and services for efficient and sustainable urban logistics required for cities that are constantly evolving and expanding due to rapid population growth and digital transformation.

Excluded: Standardization covered by

- *ISO/TC 22 - Road vehicles*
- *ISO/TC 34 - Food products*
- *ISO/TC 92 - Fire safety*
- *ISO/TC 101 - Continuous mechanical handling equipment*
- *ISO/TC 122 - Packaging*
- *ISO/TC 176 - Quality management and quality assurance*
- *ISO/TC 204 - Intelligent transport systems*
- *ISO/TC 262 - Risk management*
- *ISO/TC 268 - Sustainable cities and communities*
- *ISO/TC 283 - Occupational health and safety management*
- *ISO/IEC JTC 1 - Information technology*
- *ISO/TC 308 - Chain of custody*
- *ISO/TC 315 - Cold chain logistics*
- *ISO/TC 321 - Transaction assurance in E-commerce*
- *ISO/TC 344 – Innovative logistics.*

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 Steve Cornish (scornish@ansi.org) by close of business on Friday, September 22, 2023.

International Organization for Standardization (ISO)

ISO Proposal for the Reactivation of ISO Technical Activity

Boilers and pressure vessels

Comment Deadline: September 22, 2023

SAC, the ISO member body for China, has submitted to ISO a proposal for the reactivation of ISO/TC 11 (Boilers and pressure vessels) which has been in ISO 'standby" mode for a number of years due to inactivity. The scope of ISO/TC 11 is as follows:

Standardization of construction of boilers and pressure vessels.

Excluded:
- *railway and marine boilers covered by ISO/TC 8;*
- *gas cylinders covered by ISO/TC 58;*
- *aircraft and vehicle components covered by ISO/TC 20;*
- *equipment used for fire-fighting covered by ISO/TC 21;*
- *personal safety equipment covered by ISO/TC 94;*
- *components of rotating or reciprocating devices;*
- *nuclear pressure equipment covered by ISO/TC 85;*
- *piping systems;*
- *cryogenic vessels covered by ISO/TC 220.*

Note:
Construction is an all-inclusive term that includes design, materials, fabrication, examination, inspection, testing and conformity assessment.

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 Steve Cornish (scornish@ansi.org) by close of business on Friday, September 22, 2023.

Meeting Notices (International)

ANSI Accredited U.S TAG to ISO

U.S. TAG to ISO/TC 229 Nanotechnologies

The ANSI-Accredited U.S. TAG to ISO/TC 229 *Nanotechnologies* will meet at the National Institute of Standards and Technology (NIST) in Gaithersburg, Maryland, October 4-5, 2023. For additional information or to join the U.S. TAG, please contact Heather Benko (hbenko@ansi.org) at ANSI.

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.

BSR/ASHRAE/ASHE Addendum k
to ANSI/ASHRAE/ASHE Standard 170-2021

Public Review Draft

Proposed Addendum k to Standard 170-2021, Ventilation of Health Care Facilities

First Public Review (August 2023)
(Draft shows Proposed Changes to Current Standard)

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

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

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

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

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

FOREWORD

The proposed addendum clarifies that this section applies to the central systems that provide cooling or heating by changing the name of the section. It adds requirement for cooling reserve capacity in addition to the heating reserve capacity for spaces already listed in this section. This provides guidance to designers to a minimum reserve capacity required to start with and engage with the facility on what their operational needs are. The addendum also takes out the onsite fuel requirement from 6.1.2.1 so that the exception to 6.1.2.1 does not apply to it anymore. Its added back in 6.1.2.2 as its own requirement. The addendum removes the lower limit of 400 ton cooling load as the starting point for considering any reserve capacity for cooling in Inpatient and Residential Health Care facilities.

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

Addendum k to 170-2021

Revise Section 6.1.2 as shown below.

6.1.2 Heating and Cooling Sources Central Systems

6.1.2.1 ~~Provide heat sources and essential accessories in number and arrangement sufficient to accommodate the facility needs (reserve capacity), even when any one of the heat sources or essential accessories is not operating due to a breakdown or routine maintenance. The capacity of the remaining source or sources~~The minimum heating and cooling reserve design capacity shall be sufficient to provide for domestic hot water, sterilization, and dietary purposes and ~~to provide heating~~ required to meet the environmental conditions as prescribed in this standard for operating, delivery, birthing, labor, recovery, emergency, intensive care, nursery, and resident care areas and inpatient/ resident rooms. ~~Fuel sufficient to support the owner's facility operation plan upon loss of fuel service shall be provided on site.~~

a. Provide heating, cooling sources and *essential accessories* (see definition) in number and arrangement sufficient to accommodate the facility needs (for reserve design capacity), even when any one of these sources or essential accessories is not operating due to breakdown or routine maintenance.

b. Reserve design capacity shall include equipment, accessories, and the controls necessary to ensure safe and reliable operation to support the owner's operation plan.

Exception to 6.1.2.1: Reserve capacity is not required if the ASHRAE 99% heating dry-bulb temperature for the facility is greater than or equal to 25°F (–4°C).

~~**6.1.2.2 Inpatient and Residential Health Care Spaces.** For central cooling systems greater than 400 tons (1407 kW) peak cooling load, the number and arrangement of cooling sources and essential accessories shall be sufficient to support the owner's facility operation plan upon a breakdown or routine maintenance of any one of the cooling sources.~~

6.1.2.2: Provide onsite fuel storage to ensure facility operation upon loss of primary energy source based on the facility operational plan.

Informative Note: Facilities that use steam for building heating and domestic hot water production shall evaluate water storage capacity based on their operational plan.

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NSF/ANSI Standard
for Sustainability –

Sustainability Assessment for Commercial Furnishings Fabric

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2 Normative and informational references ~~and tools~~

The following documents contain ~~provisions~~ requirements that, ~~through~~ by reference in this text, constitute ~~provisions~~ requirements of this ~~NSF~~ standard. At the time ~~this Standard was balloted~~ of publication, the indicated editions ~~listed below~~ were valid. All of the documents are subject to revision~~,~~ and parties are encouraged to investigate the possibility of applying the recent editions of the documents indicated below. The most recent published edition of the document shall be used for undated references. ~~Additional information on use of this standard is provided in Annex A I-1.~~

2.1 Normative references

ASTM D6400-~~12~~23, *Standard Specification for ~~Compostable Plastics~~ Labeling of Plastics Designed to be Aerobically Composted in Municipal or Industrial Facilities*

ASTM D6868-~~03~~21, *Standard Specification for ~~Biodegradable Plastics Used as Coatings on Paper and Other Compostable Substrates~~ Labeling of End Items That Incorporate Plastics and Polymers as Coatings or Additives With Paper and Other Substrates Designed to Be Aerobically Composted in Municipal or Industrial Facilities*

~~Collaborative for High Performance Schools~~ CHPS, *Low Emitting Products*, Section 01350: Special Environmental ~~Requirements~~ Specifications

~~European Union Regulation (EC) 648/2016 of 31 March 2016 on detergents~~

European Commission DG ENV (2000), ~~Final report, M0355008/1786Q/10/11/00,~~ *Towards the establishment of a priority list of substances for further evaluation of their role in endocrine disruption* – preparation of a candidate list of substances as a basis for priority setting. Final Report. KH Consulting Engineers, Delft, The Netherlands in association with TNO Nutrition and Food Research, Zeist, The Netherlands. Project No M0355008/1786Q/10/11/00 Annex 15. 10 November 2000

~~European Union Council Directive 67/548/EEC of February 2010 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labeling of dangerous substances~~

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International Labour Organisation, *Basics of Chemical Safety* – Annex 2, Risk Phrases

German Research Foundation (DFG), *The MAK-Collection for Occupational Health and Safety*

OECD, *OECD Guidelines for the Testing of Chemicals*, Section 3: Degradation and Accumulation, Test No. 301: Ready Biodegradability, May 1996

Maplecroft Global Risk Dashboard (GRiD)~~map of human rights risk~~

~~Social Accountability International, *SA8000*. 2014~~

SA8000®, 2014

~~State of California Environmental Protection Agency. *Safe Drinking Water and Toxic Enforcement Act of 1986.*~~

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65), Cal. Code Regs. tit. 27 § 25102

~~United Nations Economic Commission for Europe (~~UNECE~~)~~, *Globally Harmonized System for Classification and Labeling*, Part 3: Health and Environmental Hazards

~~US Environmental Protection Agency (US EPA) Office of Prevention, Pesticides and Toxic Substances. OPPTS 835.3110, *Ready biodegradability*~~

EPA 712-C-98-076, *Fate, Transport, and Transformation Test Guidelines – OPPTS 835.3110 Ready Biodegradability*

~~US Environmental Protection Agency (USEPA). *2012 Guidelines establishing test procedures for the analysis of pollutants,* 40 CFR PART 136~~

40 C.F.R. Part 136, Guidelines Establishing Test Procedures for the Analysis of Pollutants, 2012

~~US Environmental Protection Agency (USEPA),~~ U.S. EPA, *Method 1631: ~~Measurement of~~ Mercury in Water by Oxidation, Purge and Trap, and Cold Vapor Atomic Fluorescence Spectrometry*

~~US Environmental Protection Agency (USEPA),~~ U.S. EPA, *Method 1669: Sampling Ambient Water for Trace Metals at EPA Water Quality Criteria Levels*

~~US Environmental Protection Agency (USEPA),~~ U.S. EPA, Clean Water Act, Section 307, *Status Report: State Numerical Water Quality Criteria for Toxics*, January 1992

~~US Environmental Protection Agency (USEPA),~~ U.S. EPA, Clean Water Act, Section 307, *Priority Pollutants*

~~US Environmental Protection Agency (USEPA),~~ U.S. EPA, Clean Air Act (CAA), 2004

~~US Environmental Protection Agency (USEPA),~~ U.S. EPA, *Resource Conservation and Recovery Act (RCRA)*, 40 CFR Parts 239 through 259

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2.2 Informational references

BS EN 13432: 2000, ~~– *Proof of compostability of plastic products.*~~ *Packaging. Requirements for packaging recoverable through composting and biodegradation. Test scheme and evaluation criteria for the final acceptance of packaging*

Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment ~~(RoHS), January 2003~~

~~International Labour Organisation (~~ILO~~),~~ Convention 138: *Minimum age convention, 1973*

~~International Organization for Standardization (~~ISO~~)~~ 16929: 20~~00~~21, *Plastics – Determination Of The Degree Of Disintegration Of Plastic Materials Under Defined Composting Conditions In A Pilot-Scale Test*

~~International Organization for Standardization (~~ISO~~)~~ 6060:1989, Water Quality – *Determination Of The Chemical Oxygen Demand*

~~International Organization for Standardization (~~ISO~~)~~ 11480: ~~1997~~2017, *Pulp, Paper And Board -- Determination Of Total Chlorine And Organically Bound Chlorine*

~~International Wool Textile Organization (IWTO) Draft Test Method 59~~IWTO DTM-59-2009: *Method for the Determination of Chemical Residues on Greasy Wool*

Stockholm Convention on Persistent Organic Pollutants (POPs)

~~United Nations Environment Programme (~~UNEP~~)~~ Governing Council Decision 18/32: *Persistent Organic Pollutants*, May 1995

~~US Environmental Protection Agency (USEPA)~~U.S. EPA, *Method 8081A: Organochlorine pesticides by ~~gap column~~ gas chromatography*

~~US Environmental Protection Agency (USEPA)~~U.S. EPA, *Method 8151A: Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzylation Derivatization*

~~US Environmental Protection Agency (USEPA)~~U.S. EPA, *Method* 8141A ~~(~~Organophosphorus Compounds~~)~~ by Gas Chromatograhy: Capillary Column Technique

~~US Environmental Protection Agency (USEPA)~~U.S. EPA, 8270C ~~(~~Semivolatile Organic Compounds~~)~~ by Gas Chromatography / Mass Spectrometry (GC/MS)

Rationale: Removed obsolete and repealed references, updated publication date on revised standards, corrected titles on documents. References will be put in alphabetical order and footnotes added prior to publication.

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NSF/ANSI Standard
for Sustainability –

Sustainability Program Document for Architectural Coatings

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6 Product performance (20 points plus 2 optional extra credit points)

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6.1.1 Interior coating (not applicable to industrial maintenance)

Test type	Test	Substrate	Low-quality nonflat or mid-quality flat (prerequisite)	Mid-quality nonflat or high-quality flat (10 points)	High-quality nonflat (10 points)
scrub resistance	ASTM D2486-e1 Test Method B [a]	plastic	between 120 and 480 scrubs	> 480 scrubs	> 960 scrubs
burnish - 20 cycle	ASTM D6736	plastic	change in gloss between 8 and 16	change in gloss < 8	change in gloss < 2
washability	ASTM D4828-e1 [a]	plastic	average score between 4 and 8 3 and 7	average score ~~> 8~~ >7 & <9	average score ≥ ~~11~~ 9

NOTE — Points are cumulative.

[a] As per ACA PCR, the test shall be run in triplicate, taking an average of each individual stain or interior coating. The cleaning solution shall be a solution of 0.5% nonyl phenoxy ethanol, non-ionic detergent, and 0.25% tri sodium phosphate in distilled water. The soilants (stains) shall be hydrophilic – coffee, wine, mustard, pencil, and hydrophobic leneta ST-1.

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7 Life cycle assessment (20 points)

7.1 Specific achievement thresholds

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Specific achievement thresholds are reported below:

Achievement level	Achievement requirement	Supporting references
~~prerequisite~~	~~Product has published a publicly available EPD which has been internally validated or self-declared as consistent with ACA's PCR for Architectural Coatings or Resinous Floor Coatings and ISO 14071.~~	~~ACA PCR, ISO 21930, ISO 14071, ISO 14025, ISO 14044, and ISO 14040.~~
4 points	Product has published EPD which has been third-party validated to be conformant with ACA's PCR for Architectural Coatings or Resinous Floor Coatings and ISO 14071.	ACA PCR, ISO 21930, ISO 14071, ISO 14025, ISO 14044, and ISO 14040.
4 points	Company has published a formal Action Plan (as described by LEED v4.1) to improve at least the Global Warming Potential (GWP) of the product disclosed in a previously published LCA/EPD conformant with the appropriate PCR.	see action plan requirements below
4 points	Company has incorporated elements of potential social and/or toxicological impacts of the product in its EPD while still meeting the requirements of ACA's PCR. [a,b] This EPD *shall also be externally* validated per ISO 14071.	ACA PCR, ISO 21930, ISO 14071, ISO 14025, ISO 14044, and ISO 14040.
4 points	Company has published a formal Action Plan (as described by LEED v4.1) *that has also been externally validated* to improve the at least the GWP of the product through a previously published LCA/EPD conformant with the appropriate PCR **and** ISO 14071.	see action plan requirements below
2 to 4 points (depends on GWP reduction)	Company has decreased the GWP of the initial product through reformulation or a value chain improvement as shown in a second EPD of the revised product/formulation while meeting all comparability requirements as stated in ISO 21930:2017. This *shall be externally validated*. Additionally, the company shall make how the improvement to GWP was achieved publicly available.	see EPD optimization requirements below ACA PCR, ISO 21930, ISO 14071, ISO 14025, ISO 14044, and ISO 14040.

NOTE — Points are cumulative.

[1] The approved method for reporting potential toxicity via LCA is the most recent version of the USETox method. The company shall clearly disclose in the EPD and/or any other public supporting documentation that social and/or toxicological impacts are through the lens of LCA and may be characterized by higher than typical levels of uncertainty and/or subjectivity.

[2] Approved methods for considering social impacts in the LCA include PSILCA and the guidelines are available at <www.lifecycleinitiative.org/starting-life-cycle-thinking/life-cycle-approaches/social-lca>.

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BSR/UL 61215-1-3, Standard for Terrestrial Photovoltaic (PV) Modules – Design Qualification and Type Approval – Part 1-3: Special Requirements for Testing of Thin-Film Amorphous Silicon Based Photovoltaic (PV) Modules

1. Updates to Include IEC Amendment 1 Issued in 2022, with no US National Differences

PROPOSAL

3 Terms and definitions

This clause of IEC 61215-1:2021 is applicable ~~without~~ with the following modifications.

Add the following new terms:

3.13
reduced mechanical load module
module where the test load in MQT 16 is less than 2 400 Pa

Note 1 to entry: 2 400 Pa was required in earlier versions of the IEC 61215 series for all technologies (e.g. IEC 61215-2:2021).

3.14
restricted access area
area accessible only to electrically skilled persons and electrically instructed persons with the proper authorization

EXAMPLE Utility-scale PV installations which are protected against public access by fences, location, etc., and where only persons skilled, trained or instructed in electrical safety have access.

[SOURCE: IEC 60050-195:1998, 195-04-04, modified – The example has been added]

5 Marking and documentation

This clause of IEC 61215-1:2021 is applicable ~~without~~ with the following modifications.

5.1 Name plate

Each module shall include the following clear and indelible markings:

Add the following new items:

l) For modules with reduced mechanical load: the range of positive and negative design loads [Pa] the module manufacturer's recommended mounting configurations will allow, preceded by the phrase, "reduced mechanical design load" and followed by the phrases "Not for roof mount. For ground mounted installations with restricted access only. May only be used in systems designed by a licensed professional engineer."

EXAMPLE:
Reduced mechanical design load: ± 800 Pa.
Not for roof mount. For ground mounted installations with restricted access only. May only be used in systems designed by a licensed professional engineer.

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m) For modules with reduced mechanical load: Type or model number designation shall contain a unique identification that it is used for reduced mechanical load.

EXAMPLE:
Regular mechanical load module type designation: M300W.
Reduced mechanical load module type designation: M300W-X.
Where -X can be e.g. a combination of letters or numbers.

5.2 Documentation

5.2.2 Information to be given in the documentation

Add the following new item:

r) For modules with reduced mechanical load, the documentation shall contain the following: "When PV modules are intended to be installed in an engineered scenario by qualified personnel such as in a ground mounted utility scale application with restricted access, they may be designed for lower loads. The test load may be lower than 2 400 Pa but greater than 1 200 Pa (or any load in between) with a safety factor of 1,5; corresponding to design loads of 1 600 Pa and 800 Pa (or any load in between), respectively, for the down (positive) pressures and uplift (negative) pressures. These modules may be used in array locations where the module mounting and structure in combination are designed to meet a specific design load by the installer. Alternatively, modules having a higher minimum test load compatible to the required site-specific loads may be used. The reduced load modules cannot be used on a rooftop."

NOTE Many large PV installations of today are designed, engineered, and installed by qualified experts in the electrical, mechanical and structural fields per the prevailing local codes. Designers utilize allowances in building codes to target certain locations in the array to handle higher loading than other areas. The manufacturer mounting configurations, stated design loads and test safety factors are utilized in the overall system design approach.

11 Test flow and procedures

The test flow from IEC 61215-1:2021 is applicable with the following modifications.

Table 3 – Summary of test levels

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Replace:

Test	Section in IEC 61215-2 Ed.2	Title	Test conditions
MQT 16	4.16	Static mechanical load test	Three cycles of uniform load specified by the manufacturer, applied for 1 h to front and back surfaces in turn. Minimum test load: 2 400 Pa

by:

Test	Subclause in IEC 61215-2 Ed.2	Title	Test conditions
MQT 16	4.16	Static mechanical load test	Three cycles of uniform load specified by the manufacturer, applied for 1 h to front and back surfaces in turn. Minimum test load: ≥ 1 200 Pa as defined by the manufacturer (for modules with "reduced design load" marking); 2 400 Pa (for modules without additional marking)

11.16 Static mechanical load test (MQT 16)

This test of IEC 61215-2:2021 is applicable ~~without~~ with the following modifications to Clause 4.

4 Test procedures

4.16 Static mechanical load test (MQT 16)

4.16.1 Purpose

Replace:

The minimum required design load per this standard is 1 600 Pa, resulting in a minimum test load of 2 400 Pa.

by:

The minimum required design load per this document depends on the nameplate marking. For modules without special notification on the nameplate, the minimum design load is 1 600 Pa, resulting in a minimum test load of 2 400 Pa. For modules with the “reduced design load” notification on the nameplate and in the documentation, the minimum design load is 800 Pa, which results in a minimum test load of 1 200 Pa.

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BSR/UL 746B, Standard for Safety for Polymeric Materials – Long Term Property Evaluations

2. Addition of Requirements for Heat Aging of Polymeric Films and Thin Sheets in a New Subsection 21.4 and Table 21.6

PROPOSAL

Table 21.6
Typical Number of Specimens Required for Thermal Aging of Film Materials

Test			Specimens				
Test material	**Property**	**Method**	**Thickness mm**	**Number per set**	**Number for initial tests**	**Number for all temperatures**	**Total[d, e, f]**
Candidate (proposed)	Tensile strength and/or elongation[e f. g]	UL 746A	~~MT[a]~~	5	10	220	230
			ST-Candidate[a] MT[b]	5	10	110	120
	Dielectric strength[f h]	UL 746A	~~MT[a]~~ MT[b]	5	10	220	230
	Flammability (materials rated VTM-2 or V-2 or better)	UL 94	~~MT[a]~~ MT[b]	~~10~~ 5	10	160	170
Control (known)	Tensile strength and/or elongation[e f. g]	UL 746A	~~MT[a]~~ ST-Control[c]	5	10	220	230
	Dielectric strength[f h]	UL 746A	~~MT[a]~~ ST-Control[c]	5	10	220	230

[a] ~~MT represents the minimum thickness evaluated~~. ST-Candidate: Any thickness below 0.25 mm for films and below 0.99 mm for thin sheets that undergoes 4 point aging program for the candidate

[b] ~~It is recommended to prepare samples in excess of~~ more than this total in case there is a dispute of the results ~~and a reevaluation is considered necessary.~~ MT: Minimum thickness evaluated for the candidate

[c] ~~For example, 5 specimens per 5 initial sets (B – F) plus 5 specimens per 3 delayed sets (G – I) plus 5 specimens for 3 extra sets (J – L) equals 55 specimens, multiplied by 4 temperatures equals 220 specimens plus 10 unaged (set A) specimens equals 230 total specimens~~ ST-Control: Thickness at which control was evaluated for 4 point aging to get its RTI rating.

[d] It is recommended to prepare samples in excess of this total in case there is a dispute of the results and re-evaluation is considered necessary.

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Test			Specimens				
Test material	Property	Method	Thickness mm	Number per set	Number for initial tests	Number for all temperatures	Total[d, e, f]

[e g] For example, 5 specimens per 5 initial sets (B - F) plus 5 specimens per 3 delayed sets (G - I) plus 5 specimens for 3 extra sets (J - L) equals 55 specimens, multiplied by 4 temperature equals 220 specimens plus 10 unaged (set A) specimens equals 230 total specimens.

[d f] For anisotropic materials, total number of samples are cut in each machine and transverse direction.

[e g] Test specimens cut in the form of rectangular strips of dimension 25.4 mm (1.0 in.) by 203.2 mm (8.0 in.) are found to be useful in accordance with the Standard Test Method for Tensile Properties of Thin Plastic Sheeting, ASTM D882 or Plastics – Determination of tensile properties – Part 3: Test conditions for films and sheets, ISO 527-3.

[f h] In accordance with the Standard Test Method for Thermal Endurance of Flexible Sheet Materials Used for Electrical Insulation by the curved Electrode Method, ASTM D1830 or the Standard Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials at Commercial Power Frequencies, ASTM D149 or Electric strength of insulating materials – Test methods – Part 1: Tests at power frequencies, IEC 60243-1.

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BSR/UL 1974, Standard for Safety for Evaluation for Repurposing Batteries

1. Addition of Routine Maintenance and Diagnosis.

PROPOSAL

D2.1 For repurposed batteries, routine maintenance tests and diagnosis ~~shall~~ should be performed periodically similar to the performance test, but without disassembly of the pack in order to ensure that the system's integrity is maintained and it is safe. The requirements for the BMS can vary based on the battery chemistry. As a minimum, module voltages and temperatures shall be measured for battery chemistries such as NiCd, lead acid and flow batteries. For lithium-ion systems, voltage at the individual cell/cell bank level should be monitored.

D2.2 The maintenance tests ~~shall~~ include the following:

~~a) A visual inspection to check for the following whenever possible without disassembly of the battery system:~~

~~1) Cell and module integrity;~~

~~2) No leakage of electrolyte, no bulge of the battery and module; and~~

~~3) Interconnects between cells and exposed wires and cables and connectors to confirm that no physical damage, degradation or loosening of connections is observed.~~

~~b~~ a) High voltage isolation check of the pack in accordance with 19.3;

~~c~~ b) BMS check in accordance with 19.6, plus BMS self-check;

~~d~~ c) Open circuit voltage (OCV) check of the cell, where applicable, in accordance with 19.2.3, where the OCV at cell level is obtained directly from the BMS. Cells with OCV below the minimum voltage limit specified by the repurposing manufacturer shall be considered as failing and the entire module should be replaced before using the repurposed battery system again;

~~e~~ d) Capacity check of the cell, where applicable, and capacity check of the module in accordance with 19.4;

~~f~~ e) Internal resistance check of the cell, where applicable in accordance with 19.5.3; and

~~g~~ f) Self discharge check, where applicable in accordance with 19.8.2 as part of the determination of its state of health.

D2.4 A visual inspection should be done to check for the following whenever possible without disassembly of the battery system:

a) Cell and module integrity;

b) No leakage of electrolyte, no bulge of the battery and module; and

c) Interconnects between cells and exposed wires and cables and connectors to confirm that no physical damage, degradation or loosening of connections is observed.

NOTE TO PROPOSAL REVIEWERS: Only the part of D3.1.1 that is being revised is shown for ease of review, the remainder of D3.1.1 will remain as originally proposed for final publication.

D3.1.1 Equivalent tests are tests that are done under convenient circumstances that can determine key battery parameters (KBP) such as OCV, capacity, internal resistance and self-discharge rate at the cell level compared to the corresponding routine tests. These KBPs are then checked for consistency. The test, analysis and diagnosis can be done online by extracting data during the normal constant charging process or offline for cell resistance on a portable tester in the field. The equivalent tests should be calibrated at the appropriate intervals to maintain consistency and sufficient accuracy, and be confirmed by the maintenance tests per the repurposing manufacturer's instructions. The suggested equivalent tests are as follows:

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a) OCV test: OCV check of the cell, in accordance with 19.2.3;

b) Capacity ~~ance~~ tests/checks: based on the OCV-V curve with a constant discharge current, *I,* the capacity of the cell can be calculated as follows:

$$Q_{imax} = 100\% * \Delta Q_i / \Delta SOC_i$$

Where:

Q_{imax} = Capacity of cell *i*

ΔQ_i = Change in capacity corresponding to the two peaks a, b of the *dQ/dV* curve of cell *i*

ΔSOC_i = Change in SOC corresponding to the two peaks a, b of the *dQ/dV* curve of cell *i*

NOTE: The two peaks a, b of the dQ/dV curve and the corresponding SOC is shown in Figure D.1:

D3.1.2 It is responsibility of repurposing manufacturer to justify the equivalence, or to ensure the safety of the battery packs in between the maintenance tests. When the equivalent tests fail to justify the safety, the maintenance tests should be implemented.

2. Clarification on the calendar date in 7.1.

PROPOSAL

7.1 The used components of the battery systems shall not be considered for repurposing if they have already been used longer than the calendar expiration date specified by the original manufacturer. If this information is available, the repurposing manufacturer shall confirm the designated calendar expiration date of the components for repurposing.

Exception: The components may be considered for the repurposing if the suitability and safety performance of the components has been verified by the repurposing manufacturer. The electrical and mechanical performance of the materials, the state of health of the cells and battery, and the age of the battery and its components shall be considered by the repurposing manufacturer when determining the suitability of the components of the battery systems for repurposing.

3. Addition of requirements for remanufacturing batteries.

PROPOSAL

1.3 This Standard also covers the sorting and grading process for remanufactured, reconditioned or rebuilt batteries that may have not been previously evaluated to a safety standard, such as electric vehicle (EV) batteries remanufactured by the OEM intended for use in the same EV application or a similar ~~another~~ EV application.

1.4 This Standard does not cover the aftermarket repair or replacement of OEM batteries by an entity other than the OEM or by an agent designated by an OEM.

6.19 REPURPOSED BATTERY – A battery pack/system that was used in one application in the field that is subject to some level of analysis and reconfiguration for use in a different application. An example of a repurposed battery is a stationary energy storage battery that has been built using used electric vehicle batteries, modules or cells. Another example of a repurposed battery is a battery of a low performance vehicle that has been built using batteries, modules or cells retired from a high-performance electric vehicle. Another term for a repurposed battery is “second life battery”.

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BSR/UL 2238, Standard for Safety for Cable Assemblies and Fittings for Industrial Control and Signal Distribution

1. Clause 40.1.6 marking on body not for small size product

PROPOSAL

Clause 40.1.6 A device shall be marked with the following or with an equivalent statement, "Not for current interrupting" or "For disconnecting use only." This statement shall appear on the device or on a flag label wrapped around the cord as close to the fitting as possible or on the smallest unit container or package.

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