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Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers (ASD) of the initiation and scope of activities expected to result in new or revised American National Standards (ANS). Early notification of activity intended to reaffirm or withdraw an ANS and in some instances a PINS related to a national adoption is optional. The mechanism by which such notification is given is referred to as the PINS process. For additional information, see clause 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards.

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. 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 affected interests wishing to receive more information or to submit comments are requested to contact the standards developer directly within 30 days of the publication of this announcement.

APA (APA - The Engineered Wood Association)

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Revision

BSR/APA PRS 610.1-202x, Standard for Performance-Rated Structural Insulated Panels in Wall Applications (revision of ANSI/APA PRS 610.1-2018)

Stakeholders: Structural insulated panel manufacturers and component suppliers, distributors, designers, users, building code regulators, and government agencies.

Project Need: Update the existing standard.

Interest Categories: Manufacturer, Supplier, User, and General Interest.

Scope: This standard provides requirements and test methods for qualification and quality assurance for performance-rated structural insulated panels (SIPs), which are manufactured with a foam plastic insulation core bonded between two wood structural panel facings intended for use in wall applications.

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 B47.1-202x, Gage Blanks (revision of ANSI/ASME B47.1-2007 (R2022))

Stakeholders: Gage distributors, producers/manufacturers, users, etc.

Project Need: The standard has not been revised in several years and some mathematical errors have been found that need correction.

Interest Categories: AB (Designer): An organization performing design and design-related services; AD (Distributor): Those independently concerned with the marketing of the product between producer and consumer; AF (General Interest): Educators, individuals from a technical society or other society and public interest persons; AI (Laboratory): A national laboratory or an organization whose primary function is to perform research and development, or an organization furnishing testing and examination services; AO (Owner): An organization owning or operating a facility where items are installed or used; AS (Producer): Those directly concerned with the production of the Manufacturer's product involved; AT (Regulatory): Government employee using the standard but not Government producing a product; AU (Consultant): Consultants using the standard to provide.

Scope: This Standard covers standard designs for the following: (a) plain and thread plug gage blanks to 12.010 in. maximum gaging diameter, (b) plain and thread ring gage blanks to 12.260 in. maximum gaging diameter, (c) involute and serrated spline plug and ring gage blanks to 8.000 in. major diameter, (d) straight-sided spline plug and ring gage blanks to major diameters of 8.000 in. for plugs and 6.000 in. for rings, (e) machine taper plug and ring gage blanks to 5.000 in. gaging diameter, (f) adjustable snap gages to 12 in., (g) adjustable length gages to any desired length, and (h) master disks up to 8.010 in. in diameter.

ASQ (ASC Z1) (American Society for Quality)

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National Adoption

BSR ASQ/ISO 16355-2-202x, Applications of statistical and related methods to new technology and product development process-Part 2:Non-quantitative approaches for the acquisition of voice of customer and voice of stakeholder (identical national adoption of ISO 16355-2:2017)

Stakeholders: Users of this document include all organization functions necessary to assure customer satisfaction, including business planning, marketing, sales, research and development (R&D), engineering, information technology (IT), manufacturing, procurement, quality, production, service, packaging and logistics, support, testing, regulatory, and other phases in hardware, software, service, and system organizations.

Project Need: A 2017 revision of ISO 16355-2 requires an update of the identical ANS.

Interest Categories: Company, Government agency, Individual, Organization.

Scope: This document describes the non-quantitative approaches in the acquisition of voice of customer (VOC) and voice of stakeholder (VOS) and its purpose and provides recommendations on the use of the applicable tools and methods. It is not a management system standard.

ASQ (ASC Z1) (American Society for Quality)

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National Adoption

BSR ASQ/ISO 16355-3-202x, Applications of statistical and related methods to new technology and product development process-Part 3:Quanititative approaches for the acquisition of voice of customer and voice of stakeholder (identical national adoption of ISO 16355-3:2019)

Stakeholders: Users of this document include all organization functions necessary to assure customer satisfaction, including business planning, marketing, sales, research and development (R&D), engineering, information technology (IT), manufacturing, procurement, quality, production, service, packaging and logistics, support, testing, regulatory, and other phases in hardware, software, service, and system organizations.

Project Need: A 2019 revision of ISO 16355-3 requires an update of the identical ANS.

Interest Categories: Company, Government agency, Individual, Organization.

Scope: This document describes quantitative approaches for acquisition of the voice of customer (VOC) and voice of stakeholder (VOS) and its purpose, and provides recommendations on the use of the applicable tools and methods. It is not a management system standard.

ASQ (ASC Z1) (American Society for Quality)

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National Adoption

BSR ASQ/ISO 16355-4-202x, Applications of statistical and related methods to new technology and product development process-Part 4:Analysis of non-quantitative and quantitative Voice of Customer and Voice of Stakeholder (identical national adoption of ISO 16355-4:2017)

Stakeholders: Users of this document include all organization functions necessary to assure customer satisfaction, including business planning, marketing, sales, research and development (R&D), engineering, information technology (IT), manufacturing, procurement, quality, production, service, packaging and logistics, support, testing, regulatory, and other phases in hardware, software, service, and system organizations.

Project Need: A 2017 revision of ISO 16355-4 requires an update of the identical ANS.

Interest Categories: Company, Government agency, Individual, Organization.

Scope: This document describes the analysis of the voice of the customer (VOC) and the voice of the stakeholder (VOS). These include translation of VOC and VOS into true customer needs, prioritization of these needs, and competitive benchmarking of alternatives from the customer's perspective. This document also provides recommendations on the use of the applicable tools and methods.

ASQ (ASC Z1) (American Society for Quality)

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National Adoption

BSR ASQ/ISO 16355-5-202x, Applications of statistical and related methods to new technology and product development process-Part 5:Solution strategy (identical national adoption of ISO 16355-5:2017) Stakeholders: Users of this document include all organization functions necessary to assure customer satisfaction, including business planning, marketing, sales, research and development (R&D), engineering, information technology (IT), manufacturing, procurement, quality, production, service, packaging and logistics, support, testing, regulatory, and other phases in hardware, software, service, and system organizations.

Project Need: A 2017 revision of ISO 16355-5 requires an update of the identical ANS.

Interest Categories: Company, Government agency, Individual, Organization.

Scope: This document describes the process of developing a solution strategy for new products. Since organizations can address their new product development process by a customer-driven or technology-driven set of solutions, this document explains both alternatives. It provides recommendations on the use of the applicable tools and methods, offering guidance on translating the voice of the customer (VOC) and the voice of the stakeholder (VOS) into product, service, information, and process attributes, transferring the priorities of the customer and stakeholder needs into priorities for these attributes, and then developing technology, cost, and reliability plans for attributes.

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National Adoption

BSR ASQ/ISO 16355-6-202x, Applications of statistical and related methods to new technology and product development process-Part 6:Guidance for QFD-related approaches to optimization (identical national adoption of ISO 16355-6:2019)

Stakeholders: Users of this document include all organization functions necessary to assure customer satisfaction, including business planning, marketing, sales, research and development (R&D), engineering, information technology (IT), manufacturing, procurement, quality, production, service, packaging and logistics, support, testing, regulatory, business process design, and other phases in hardware, software, service, and system organizations.

Project Need: A 2019 revision of ISO 16355-6 requires an update of the identical ANS.

Interest Categories: Company, Government agency, Individual, Organization.

Scope: This document provides guidance for QFD-related approaches to optimization through robust parameter design to ensure customer satisfaction with new products, services, and information systems. It is applicable to identify optimum nominal values of design parameters based on the assessment of robustness of its function at the product design phase.

ASQ (ASC Z1) (American Society for Quality)

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National Adoption

BSR ASQ/ISO 16355-8-202x, Applications of statistical and related methods to new technology and product development process-Part 8:Guidelines for commercialization and life cycle (identical national adoption of ISO 16355-8:2017)

Stakeholders: Users of this document include all organization functions necessary to assure customer satisfaction, including business planning, marketing, sales, research and development (R&D), engineering, information technology (IT), manufacturing, procurement, quality, production, service, packaging and logistics, support, testing, regulatory, business process design, and other phases in hardware, software, service, and system organizations.

Project Need: A 2017 version of ISO 16355-8 requires an update of the identical ANS.

Interest Categories: Company, Government agency, Individual, Organization.

Scope: This document describes after optimization of product design to address non-functional requirements, for example, test, produce, commercialize, deliver, support, and eventually retire a product from the market and provides guidance on the use of applicable tools and methods. The goal is to identify and assure key processes and measures in order to satisfy and deliver value to customers and stakeholders. The topics in this document are not exhaustive and vary according to industry, product, and markets. They are considered a guide to encourage users of this document to explore activities needed to accomplish the same goal for their products.

ASTM (ASTM International)

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New Standard

BSR/ASTM WK81724-202x, New Classification for Ignitable Liquids (new standard)

Stakeholders: Criminalistics Industries.

Project Need: The current classification is found as a table in E1618. Its use has expanded to other E30 standards and needs revision to harmonize with these other standards.

Interest Categories: Producer, User, General Interest.

Scope: This standard covers the classification of ignitable liquids encountered in forensic fire debris analysis and includes classification of petroleum- and non-petroleum-based ignitable liquids.

ASTM (ASTM International)

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New Standard

BSR/ASTM WK81810-202x, New Test Method for Performance of Compartmentalized Heated Bin Cabinets (new standard)

Stakeholders: Cooking and Warming Equipment Industries.

Project Need: This type of equipment is offered by several manufacturers and widely used in the industry, especially in quick-service restaurants. There is currently no standardized test method for this equipment type.

Interest Categories: Producer, User, General Interest.

Scope: Food service equipment is apparatus intended for use in commercial and institutional establishments for handling, storage, preparation, cooking, holding, display, dispensing, and/or the serving of food which, at the time of serving, is ready for direct consumption on or off the premises. Also included are cleaning, sanitation, and ancillary items associated with food preparation and service.

CGA (Compressed Gas Association)

Thomas Deary; tdeary@cganet.com | 8484 Westpark Drive, Suite 220 | McLean, VA 22102 www.cganet.com

New Standard

BSR/CGA G-5-202x, Hydrogen (new standard)

Stakeholders: Producers and distributors of gas and liquid hydrogen; Industrial customers and others who use hydrogen in its varied applications; DOE, universities, national laboratories; Standards development organizations (such as NFPA and ICC); Manufacturers of equipment used in hydrogen storage and dispensing.

Project Need: This publication provides information on the production, transportation, handling, and storage of compressed gases, cryogenic liquids, and related products.

Interest Categories: Producers, Equipment suppliers, Users, General interest, Other.

Scope: 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.

CGA (Compressed Gas Association)

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New Standard

BSR/CGA H-3-202x, Cryogenic Hydrogen Storage (new standard)

Stakeholders: Producers and distributors of gas and liquid hydrogen; Industrial customers and others who use hydrogen in its varied applications; DOE, universities, national laboratories; Standards development organizations (such as NFPA and ICC); Manufacturers of equipment used in hydrogen storage and dispensing.

Project Need: This publication contains the suggested minimum design and performance requirements for shopfabricated, vacuum-insulated cryogenic tanks (vertical and horizontal) intended for above-ground storage of liquid hydrogen.

Interest Categories: Producers, Users, Equipment suppliers, General interest, Other.

Scope: This publication applies to liquid hydrogen storage tanks with maximum allowable working pressures (MAWP) up to and including 175 psi (1210 kPa). Tanks less than 1000 gal (3785 L) gross volume or greater than 25 000 gal (94 600 L) gross volume and all transportable containers are excluded. Tanks outside these pressure and volume constraints may also meet the requirements of this standard when agreed upon by the purchaser/manufacturer and the authority having jurisdiction. This standard does not include operation and installation requirements or emergency response information.

DSI (Dental Standards Institute, Inc.)

Bryan Laskin; bryan@upgradedental.com | 109 Bushaway Road, Suite 100 | Wayzata, MN 55391 https: //dentalstandardsinstitute.com/

New Standard

BSR/DSI EEDRA1.1-202X, Equitable Electronic Dental Record Access (EEDRA) for Dental Patients (new standard) Stakeholders: Users (Healthcare Professionals), Consumers (Patients), Producers (Software Vendors).

Project Need: Currently, if a patient desires to access their ePHI included in the EDR, it is difficult, if not impossible, to obtain. Additionally, this lack of access to ePHI by the patient limits the dental and medical professionals' ability to perform the care that the patient needs or desires. The simple act of viewing your dental record or allowing a transferring dentist, specialist, or medical professional to view the dental record is drastically impaired due to artificial technical complications that this Standard will help overcome.

Interest Categories: Users (Healthcare Professionals), Consumers (Patients), Producers (Software Vendors).

Scope: This Standard seeks to describe workflows that allow for dental patient access, storage transference, and permissioning of their electronic Personal Health Information (ePHI) stored in the Electronic Dental Record (EDR) that belongs to them.

HSI (Healthcare Standards Institute)

Lee Webster; lwebster@ingenesis.com | 3004 Sea Pines Place | League City, TX 77573 www.hsi.health/

New Standard

BSR/HSI 2000-202x, Germicidal UVC Whole Room Healthcare Surface Disinfection (new standard) Stakeholders: Patient advocates Healthcare Infection Prevention/Control professionals Healthcare Environmental Services professionals Clinical Microbiologists Industrial Hygienist Physicians (including Infectious Disease specialists) Operating Room managers.

Project Need: There are multiple published scientific articles with widely differing results and methodologies with some showing reductions in healthcare associated infections (HAIs) and some showing no difference. Similarly, there are multiple publications showing a wide variety of bacterial reductions on different kinds of surfaces arranged at varying distances and orientations within the same room. This leads to confusion, requiring healthcare infection prevention professionals to rely primarily on manufacturers' marketing and sales materials for efficacy data, putting patients at risk for HAIs. Further, UVC is generally used as a supplement after chemical disinfection, leading some environmental services (EVS) personnel to be unjustifiably less diligent as they know that UVC will be used subsequently. If a UVC system can meet impartial standards, healthcare professionals will be better able to reliably protect the patients they serve.

Interest Categories: • Producer: Producers are organizational members who use the standards, bulletins or other documents in question to develop products or implement services.

• User: Users are members who acquire from Producers equipment or services to which the standards, bulletins, or other documents apply.

• General Interest: General Interest members are neither Producers nor Users. This category may include regulatory agencies (state and federal), researchers, other organizations and associations, and consumers. Other interest categories such as the following may be established within a standards committee in order to insure adequate levels of representation.

• Government: Federal, state, and other regional regulatory body

• Legal or Consultants: Legal organizations

Scope: This standard is intended to provide healthcare professionals charged with infection prevention/control with a reproducible patient-centric tool to evaluate the plethora of germicidal Ultraviolet "C" (UVC) offerings. Specific criteria will be enumerated including details of the test room (both patient rooms and operating rooms) dimensions, furnishings/contents, surface types and orientations, site locations, pathogens (prep & assay), log reductions and time requirements, as well as "passing" criteria. There are no current standards nor efforts for standards for UVC emitters in healthcare.

IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)

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Supplement

BSR C63.10 Corrigendum-202x, Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices (supplement to ANSI/C63.10-2020)

Stakeholders: EMC test laboratories, EMC test equipment manufacturers, EMC laboratory accreditation bodies, EMC calibration laboratories, regulatory bodies.

Project Need: Corrections for the following: (1) Harmonize requirements between clauses 6.2.2 and 6.2.3.2.2 to remove the requirement to calibrate the LISN with an extension cable as currently required in 6.2.2 and then later removing the requirement in 6.2.3.2.2; (2) Correct formula for UWB Center Frequency.

Interest Categories: EMC test laboratories, EMC test equipment manufacturers, EMC laboratory accreditation bodies, EMC calibration laboratories, regulatory bodies.

Scope: This project proposes to create a corrigendum to the recently published document ANSI C63.10:2020 to make corrections to 1. clarify removal of the requirement to calibrate LISNs with an extension cord for devices that have ac adapters that plug directly into the wall; 2. correct the formula for Fc in Section 10 for UWB devices (should be adding Fh and Fl not subtracting them).

IES (Illuminating Engineering Society)

Patricia McGillicuddy; pmcgillicuddy@ies.org | 120 Wall Street, Floor 17 | New York, NY 10005-4001 www.ies.org

New Standard

BSR/IES LM-98-202x, Lighting Measurement: In-Situ Temperature Test for Solid State Lighting Products (new standard)

Stakeholders: Lighting practitioners, architects, interior designers, engineers, utilities, the general public, environmentalists, lighting testing laboratories, energy efficiency organizations, regulators, manufacturers of lighting products.

Project Need: The document would define a method of measurement for the in-situ temperature of Solid-State Lighting components or assemblies installed in integrated and non-integrated, Solid-State Lamps and Luminaires. This Test Method would support the wide-spread use of in-situ temperature measurements to understand the operating temperature of Solid-State components and assemblies in finished products in a simulated real-world environment that allow for projections for lumen maintenance and driver lifetime estimates.

Interest Categories: USER: Public Interest (UP), USER; Affected (UA), Gen'l Interest; Academic, Research (GAR), Gen'l Interest; Government, Regulatory (GGR), Organizational Member (OM), Test Equipment User (TEU), Test Equipment Manufacturer (TEM).

Scope: The document would define a method of measurement of the in-situ temperature of Solid-State Lighting components installed in integrated and non-integrated, Solid-State Lamps, and Luminaires. The method describes the procedures to be followed and the precautions to be observed in obtaining and reproducing in-situ temperature of Solid-State Lighting component measurements under standard operating conditions.

ISA (Organization) (International Society of Automation)

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

Revision

BSR/ISA 5.1-202x, Instrumentation Symbols and Identification (revision of ANSI/ISA 5.1-2022) Stakeholders: Industry sectors employing instruments and instrumentation systems used for measurement and control of industrial processes.

Project Need: Update widely used identification and symbols standard for engineering diagrams and documentation.

Interest Categories: End-users, producers, general, architects/engineers, government, testing/certification. Scope: Establish a uniform means of designating instruments and instrumentation systems used for industrial process measurement and control. This designation system includes symbols and an identification code.

ISA (Organization) (International Society of Automation)

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New Standard

BSR/ISA 84.91.03-202x, Functional Safety: Process Safety Controls, Alarms, and Interlocks as Protection Layers (new standard)

Stakeholders: Applies to a wide variety of industries within the process sectors, such as chemicals, oil and gas, pulp and paper, pharmaceuticals, food and beverage, and non-nuclear power generation.

Project Need: To increase functional safety operations in the processing and related industries.

Interest Categories: End-users, producers, general, architect/engineers, government and testing/certification.

Scope: This standard will set forth requirements for achieving functional safety using process safety controls, alarms, and interlocks (PSCAI) as protection layers excluding process safety alarms.

SCTE (Society of Cable Telecommunications Engineers)

Kim Cooney; kcooney@scte.org | 140 Philips Rd | Exton, PA 19341 www.scte.org

Revision

BSR/SCTE 234-202x, Guidelines for Use of ISO 50001:2011 Energy Management Systems and Energy Metrics (revision of ANSI/SCTE 234-2016)

Stakeholders: Cable telecommunications industry.

Project Need: Update current technology.

Interest Categories: Producer, user, general interest.

Scope: ISO 50001:2011 specifies requirements for establishing, implementing, maintaining and improving an energy management system, whose purpose is to enable an organization to follow a systematic approach in achieving continual improvement of energy performance, including energy efficiency, energy use, and consumption.

SCTE (Society of Cable Telecommunications Engineers)

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Revision

BSR/SCTE 237-202x, Implementation Steps for Adaptive Power Systems Interface Specification (APSIS™) (revision of ANSI/SCTE 237-2017)

Stakeholders: Cable telecommunications industry.

Project Need: Update current technology.

Interest Categories: User, producer, general interest.

Scope: SCTE 237 addresses the end to end network; therefore, an implementation of APSIS can touch back office networks, backbone networks, transport networks, access networks and customer premise equipment. The primary focus of APSIS has been the access network including critical facilities and outside plant.

SCTE (Society of Cable Telecommunications Engineers)

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Revision

BSR/SCTE 241-202x, Key Performance Metrics: Energy Efficiency & Functional Density of Wi-Fi Infrastructure Equipment (revision of ANSI/SCTE 241-2017)

Stakeholders: Cable telecommunications industry.

Project Need: Update current technology.

Interest Categories: User, producer, general interest.

Scope: Cable operator networks are large expansive networks that involve hundreds if not thousands of miles of coaxial- or fiber-cable powered by power supplies in the outside plant and connecting customers to critical infrastructure facilities such as hubs, headends, data centers, and regional and national distribution datacenters. In these facilities is a vast array of equipment responsible for the production and support of the cable operator's products and services such as voice, video, data, home automation and security, and Wi-Fi. The importance of powering all of these devices in the critical facilities is ever increasing as the customer expectation is for 100% availability due to the critical nature of the services being provided to business and residential customers. This document defines how to use a standard methodology to measure the density of hardware to meet the needs of optimizing critical space, as well as measuring energy consumption for the various network element classes. This part of the series focuses on indoor critical facility Wi-Fi equipment types, Gateway Servers and Wi-Fi Controllers as well as outdoor strand-mounted Wi-Fi Access Points.

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: June 19, 2022

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC H-24-202x, Gasoline (Petrol) Fuel Systems (revision of ANSI/ABYC H-24-2017) This standard addresses the design, choice of materials for, construction, installation, repair, and maintenance of permanently installed gasoline (petrol) fuel systems. Click here to view these changes in full Send comments (copy psa@ansi.org) to: comments@abycinc.org

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005-4001 | pmcgillicuddy@ies.org, www.ies.org

Revision

BSR/IES RP-6-202x, Recommended Practice: Lighting Sports and Recreational Areas - Bullpen Lighting (revision of ANSI/IES RP-6-2020)

Bullpen lighting illuminance values.

Click here to view these changes in full

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

NSF (NSF International)

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

Revision

BSR/NSF 245-202x (i26r2), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2020)

This wastewater standard contains minimum requirements for residential wastewater treatment systems having rated treatment capacities of 1514 L/d (400 gal/d) to 5678 L/d (1500 gal/d) that are designed to provide reduction of nitrogen in residential wastewater. Management methods for the treated effluent discharged from these systems are not addressed by this Standard. A system, in the same configuration, must either be demonstrated to have met the Class I requirements of NSF/ANSI 40 or must meet the Class I requirements of NSF/ANSI 40 during concurrent testing for nutrient removal.

Click here to view these changes in full

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

NSF (NSF International)

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Revision

BSR/NSF/CAN 61-202x (i163r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2021)

This Standard is intended to cover specific materials or products that come into contact with: drinking water, drinking water treatment chemicals, or both. The focus of the Standard is evaluation of contaminants or impurities imparted indirectly to drinking water. The products and materials covered include, but are not limited to, process media (e.g., carbon, sand), protective materials (e.g., coatings, linings, liners), joining and sealing materials (e.g., solvent cements, welding materials, gaskets), pipes and related products (e.g., pipes, tanks, fittings), mechanical devices used in treatment/ transmission/ distribution systems (e.g., valves, chlorinators, separation membranes, point-of-entry (POE) drinking water treatment systems), and mechanical plumbing devices (e.g., faucets, endpoint control valves).

Click here to view these changes in full

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

UL (Underwriters Laboratories)

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

National Adoption

BSR/UL 62852-202x, Standard for Connectors for DC-Application in Photovoltaic Systems - Safety Requirements and Tests (national adoption with modifications of IEC 62852)

1. First Edition of the UL IEC-Based Standard for Connectors for DC-Application in Photovoltaic Systems -Safety Requirements and Tests, UL 62852, Including Minimal 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/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Vickie.T.Hinton@ul.org, https://ul.org/

National Adoption

BSR/UL RP 60079-46-202x, Recommended Practice for Explosive Atmospheres - Part 46: Equipment Assemblies (national adoption with modifications of IEC TS 60079-46)

1. Revisions to Clauses 3.4ADV and 6.2DV per responses to comments received on Proposal dated March 18, 2022.

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

UL (Underwriters Laboratories)

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

Revision

BSR/UL 207-202x, Standard for Safety for Refrigerant-Containing Components and Accessories, Nonelectrical (revision of ANSI/UL 207-2020)

Recirculation of proposed revision to compliance options to include Standard Specification for Seamless Copper Tubes for Linesets – ASTM B1003-16.

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

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062 | megan.monsen@ul.org, https://ul.org/

Revision

BSR/UL 498-202X, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498 -2021)

This proposal for UL 498 covers: (1) Revision to Summary of Tests – Receptacles (Table 59.4) and editorial corrections; (2) Revision to Supplement SE: Temperature Measurements of Branch Circuit Outlet Contacts. 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

UL (Underwriters Laboratories)

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

Revision

BSR/UL 746A-202X, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2022)

This proposal involves a revision of Item c) of Paragraph 9.9.2.

Click here to view these changes in full

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

UL (Underwriters Laboratories)

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

Revision

BSR/UL 2200-202x, Standard for Stationary Engine Generator Assemblies (revision of ANSI/UL 2200-2020) This recirculation proposal provides revisions to the UL 2200 proposal dated 2-11-22.

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

UL (Underwriters Laboratories)

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

Revision

BSR/UL 60745-2-3-202x, Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-3: Particular Requirements for Grinders, Polishers and Disk-Type Sanders (revision of ANSI/UL 60745-2-3-2013 (R2018))

Revise Cl. 20.101.1DV to allow for application of 62841-2-3 testing requirements. 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: July 4, 2022

AGMA (American Gear Manufacturers Association)

1001 N Fairfax Street, 5th Floor, Alexandria, VA 22314-1587 | tech@agma.org, www.agma.org

Withdrawal

ANSI/AGMA 2015-2-B15 (R2020), Gear Tooth Flank Tolerance Classification System - Definitions and Allowable Values of Double Flank Radial Composite Deviations (withdrawal of ANSI/AGMA 2015-2-B15 (R2020))

This standard establishes a classification system for double flank radial composite tolerances—allowable values of deviations—of individual cylindrical involute gears, sector gears, racks, cylindrical worms, worm gears and hypoid or bevel gears.

Single copy price: \$68.00

Obtain an electronic copy from: tech@agma.org

Order from: Amir Aboutaleb; tech@agma.org

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

AHAM (Association of Home Appliance Manufacturers)

1111 19th Street NW, Suite 402, Washington, DC 20036 | jpark@aham.org, www.aham.org

New Standard

BSR/AHAM AC-5-202x, Method for Assessing the Reduction Rate of Key Bioaerosols by Portable Air Cleaners Using an Aerobiology Test Chamber (new standard)

This document specifies a method to evaluate the capability of portable household air cleaners to reduce the concentration and viability of key experimentally generated bioaerosols in a specified chamber. The test is applicable to portable air cleaners commonly used in single room spaces such as those based on mechanical filtration, ultraviolet (UV), ionizers, photocatalytic oxidation, and ozone generators in-unit technology. If the air cleaner does not claim to have the function of reducing microorganisms, this standard may not be applicable unless it is being used to simply evaluate the performance.

Single copy price: \$300.00

Obtain an electronic copy from: https://www.aham.org/ItemDetail?iProductCode=52022&Category=PADSTD Send comments (copy psa@ansi.org) to: John Park - jpark@aham.org

ANS (American Nuclear Society)

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

New Standard

BSR/ANS 30.3-202x, Advanced Light-Water Reactor Risk-Informed Performance-Based Design Criteria and Methods (new standard)

This standard establishes requirements for using risk-informed, performance-based (RIPB) methods for advanced light water reactor (LWR) designs. RIPB methods are provided to ensure nuclear safety design practices are consistently applied to all new advanced LWR reactor technologies, specifically; high-level safety criteria selection, nuclear safety functions and margin, licensing-basis-event selection and acceptance criteria, equipment classification and categorization, defense-in-depth adequacy, and evaluating conformance with regulatory positions. The application of this standard to existing reactors is beyond the scope of this standard.

Single copy price: \$25.00 Obtain an electronic copy from: orders@ans.org Order from: orders@ans.org Send comments (copy psa@ansi.org) to: pschroeder@ans.org

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

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

Revision

BSR/ASSP A10.39-202X, Construction Safety & Health Audit Program (revision and redesignation of ANSI/ASSE A10.39-1996 (R2017))

This standard identifies the minimum performance elements that, when properly utilized, will allow for a competent evaluation of a construction safety and health program. Further, it will identify those areas where systems, records and performance elements are required in order to produce a quality audit. Single copy price: \$110.00

Obtain an electronic copy from: Tim Fisher at TFisher@ASSP.Org

Order from: Tim Fisher; tfisher@assp.org

Send comments (copy psa@ansi.org) to: Tim Fisher at TFisher@ASSP.Org

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

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

Revision

BSR/ASSP A10.49-202X, Control of Chemical Health Hazards in Construction and Demolition Operations (revision and redesignation of ANSI/ASSE A10.49-2015)

This standard establishes the minimum requirements for controlling health risks from chemicals and toxic substances used or encountered in construction and demolition operations. It establishes procedures for identifying and evaluating chemical hazards and exposures, and for selecting and using appropriate controls and practices to reduce health risks. Single copy price: \$125.00 Obtain an electronic copy from: Tim Fisher at TFisher@ASSP.Org Order from: Tim Fisher at TFisher@ASSP.Org Send comments (copy psa@ansi.org) to: Tim Fisher

ASTM (ASTM International)

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

New Standard

BSR/ASTM E2227-201x, Guide for Forensic Examination of Non-Reactive Dyes in Textile Fibers by Thin-Layer Chromatography (new standard) https://www.astm.org/ansi-review Single copy price: Free Obtain an electronic copy from: accreditation@astm.org Order from: Laura Klineburger; accreditation@astm.org Send comments (copy psa@ansi.org) to: Same

AWWA (American Water Works Association)

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

Revision

BSR/AWWA F110-202x, Ultraviolet Disinfection Systems for Drinking Water (revision of ANSI/AWWA F110 -2016)

This standard sets the minimum requirements for closed-vessel ultraviolet (UV) disinfection systems and equipment elements used for drinking water disinfection of Cryptosporidium, Giardia, and viruses. It does not include wastewater, reuse, or advanced oxidation treatment.

Single copy price: Free

Obtain an electronic copy from: ETSsupport@awwa.org

Order from: AWWA, Attn: Vicki David

Send comments (copy psa@ansi.org) to: AWWA, Attn: Paul J. Olson

HPS (ASC N13) (Health Physics Society)

1313 Dolley Madison Blvd, Suite 402, McLean, VA 22101 | awride-graney@burkinc.com, www.hps.org

New Standard

BSR N13.45-202x, Incineration of Low-Level Radioactive Waste (new standard)

This standard provides guidelines for incineration of combustible forms of low-level radioactive waste. It addresses the siting, licensing and permitting, operation and monitoring of the incinerator operation, disposal of residues, and decontamination and decommissioning. This standard may be applied to incineration of mixed wastes (i.e., radioactive wastes that contain other hazardous components as defined by federal or state agencies), provided consideration is given to additional design features and regulatory permitting required by the hazardous nature of the wastes. For purposes of this standard, incineration is considered a treatment or volume-reduction technique rather than a disposal mechanism. ANSI N13.45-2012 has expired, however a revised edition is being made available and reintroduced here as a newly proposed ANS. Single copy price: \$60.00

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

Send comments (copy psa@ansi.org) to: awride-graney@burkinc.com

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005-4001 | pmcgillicuddy@ies.org, www.ies.org

Revision

BSR/IES RP-1-22-202x, Recommended Practice: Lighting Office Spaces - Home Office Lighting (revision of ANSI/IES RP-1-2020)

This section addresses lighting considerations, recommendations, and approaches to positively influencing personal remote working environments. This section will address digital and non-digital task recommendations, home videoconferencing recommendations, and approaches to maintaining a quality.

recommendations, home videoconferencing recommendations, and approaches to maintaining a quality illuminated environment appropriate to the tasks performed.

Single copy price: \$15.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

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

NEMA (ASC W1) (National Electrical Manufacturers Association)

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

New Standard

BSR/NEMA AW 10002-202x, Precautionary Labeling for Arc-Welding and Cutting Products (new standard) This publication specifies the wording, format, and symbols for precautionary labeling used on arc welding and cutting products. This publication also includes factors to be considered in deciding whether

precautionary labeling is necessary.

Single copy price: \$145.00

Obtain an electronic copy from: Khaled.Masri@nema.org

Order from: Khaled Masri; Khaled.Masri@nema.org

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

NFPA FIRE PROTECTION STANDARDS DOCUMENTATION

The National Fire Protection Association announces the availability of the NFPA First Draft Reports for concurrent review and comment by NFPA and ANSI. These First Draft Reports contain the disposition of public inputs that were received for standards in the Annual 2023 Revision Cycle.

The First Draft Report is located on the document's information page under the next edition tab. The document's specific URL, www.nfpa.org/doc#next (for example ww.nfpa.org/101next), can easily access the document's information page. All Comments on standards in the Annual 2023 Revision Cycle must be submitted by May 31, 2022. The disposition of all comments received from the review of the First Draft Report will be published in the Second Draft Report, and will also be available on the document's information page under the next edition tab. For more information on the rules and up-to-date information on deadlines for processing NFPA standards, check the NFPA website (http://www.nfpa.org) or contact Standards Administration at NFPA. Those who submit comments to NFPA are invited to copy ANSI's Board of Standards Review.

Reaffirmation

BSR/NFPA 790-2021 (R202x), Standard for Competency of Third-Party Field Evaluation Bodies (reaffirmation of ANSI/NFPA 790-2021)

Establishing Competence. .1 The provisions of this standard shall address requirements for the qualification and competency of a body performing field evaluations on electrical products and assemblies with electrical components. .2 These requirements are based on ISO/IEC Guide 65 and ISO/IEC 17020 with adaptation for the unique characteristics of field evaluations.

Competent FEBs. .1 A field evaluation body (FEB) meeting the requirements of this standard shall be considered competent to perform field evaluations. .2 These requirements shall apply to both the initial and continued competency of FEBs.

Obtain an electronic copy from: www.nfpa.org/790Next

Send comments (copy psa@ansi.org) to: www.nfpa.org/790Next

NFPA (National Fire Protection Association)

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

Reaffirmation

BSR/NFPA 791-2021 (R202x), Recommended Practice and Procedures for Unlabeled Electrical Equipment Evaluation (reaffirmation of ANSI/NFPA 791-2021)

This document covers recommended procedures for evaluating unlabeled electrical equipment for compliance with nationally recognized standards and any requirements of the authority having jurisdiction (AHJ). This document does not cover procedures for evaluations relating to product certification systems that result in listed and labeled products.

Obtain an electronic copy from: www.nfpa.org/791Next

Send comments (copy psa@ansi.org) to: www.nfpa.org/791Next

NSF (NSF International)

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

Revision

BSR/NSF/CAN 50-202x (i106r16), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)

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/apps/group_public/download. php/63664/50i106r16%20-%20JC%20memo%20%26%20ballot.pdf Send comments (copy psa@ansi.org) to: jsnider@nsf.org

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 | kcooney@scte.org, www.scte.org

Revision

BSR/SCTE 35-202x, Digital Program Insertion Cueing Message (revision of ANSI/SCTE 35-2020) This standard supports delivery of events, frame accurate or non-frame accurate, and associated descriptive data in MPEG-2 transport streams, MPEG-DASH and HLS. This standard supports the splicing of content (MPEG-2 transport streams, MPEG-DASH, etc.) for the purpose of Digital Program Insertion, which includes Advertisement insertion and insertion of other content types. This standard defines an in-stream messaging mechanism to signal splicing and insertion opportunities. As such, this standard does not specify the insertion method used or constraints applied to the content being inserted, nor does it address constraints placed on insertion devices. Fully compliant MPEG-2 transport stream (either Multi Program Transport Stream or Single Program Transport Stream), MPEG-DASH content, etc. is assumed. No further constraints beyond the inclusion of the defined cueing messages are placed upon the stream. This standard specifies a technique for carrying notification of upcoming points and other timing information in the transport stream. A splice information table is defined for notifying downstream devices of splice events, such as a network Break or return from a network Break. For MPEG-2 transport streams, the splice information table, which pertains to a given program, is carried in one or more MPEG Sections carried in PID(s) referred to by that program's Program Map Table (PMT). In this way, splice event notification can pass through most transport stream remultiplexers without need for special processing. For MPEG-DASH, the splice information table is carried in the DASH MPD (See [SCTE 214-1]) or in media segments (see [SCTE 214-2] and [SCTE 214-3]). Section 12.2 details how SCTE 35 messages are carried in HLS manifests.

Single copy price: \$50.00

Obtain an electronic copy from: admin@standards.scte.org

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (copy psa@ansi.org) to: admin@standards.scte.org

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 | kcooney@scte.org, www.scte.org

Revision

BSR/SCTE 214-1-202x, MPEG DASH for IP-Based Cable Services - Part 1: MPD Constraints and Extensions (revision of ANSI/SCTE 214-1-2016)

This document describes general media presentation description (MPD) constraints and common features supported by both the DASH TS profile and DASH ISOBMFF profile. This will allow a common feature parity between DASH Profile and ISOBMFF Profile versions of the service and includes multiplexed segments. SCTE 214-1 and SCTE 214-2 are used together to support DASH TS Profile delivery which is beneficial while transitioning from traditional broadcast MPEG-2 TS delivery structures using an ATS structured stream. Additional features developed in later DASH editions and needed for CABLE IP Services will be supported in SCTE 214-5 but only for constrained DASH ISO-BMFF Profiles with non-multiplexed segments. Single copy price: \$50.00

Obtain an electronic copy from: admin@standards.scte.org

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (copy psa@ansi.org) to: admin@standards.scte.org

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 | kcooney@scte.org, www.scte.org

Revision

BSR/SCTE 214-2-202x, MPEG DASH for IP-Based Cable Services - Part 2: DASH/TS Profile (revision of ANSI/SCTE 214-2-2016)

This document describes general MPD constraints and common features supported by both the DASH TS profile and DASH ISOBMFF profile. This will allow a common feature parity between DASH Profile and ISOBMFF Profile versions of the service and includes multiplexed segments. SCTE 214-1 and 214-2 (this document) are used together to support DASH TS Profile delivery which is beneficial while transitioning from traditional broadcast MPEG-2 TS delivery structures using an ATS structured stream. Additional features developed in later DASH editions and needed for CABLE IP Services will be supported in SCTE 214-5 but only for constrained DASH ISO-BMFF Profiles with non-multiplexed segments.

Single copy price: \$50.00

Obtain an electronic copy from: admin@standards.scte.org

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (copy psa@ansi.org) to: admin@standards.scte.org

TIA (Telecommunications Industry Association)

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

National Adoption

BSR/TIA 622.4-202x, IEC 61755-2-4 - Fibre optic interconnecting devices and passive components -Connector optical interfaces - Part 2-4: Connection parameters of non-dispersion shifted single-mode physically contacting fibres - Non-angled for reference connection applications (identical national adoption of IEC 61755-2-4)

Adoption of IEC 61755-2-4 -Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 2-4: Connection parameters of non-dispersion shifted single-mode physically contacting fibres - Non-angled for reference connection applications as ANSI/TIA 622.4.

Single copy price: \$65.00

Obtain an electronic copy from: TIA (standards-process@tiaonline.org)

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Send comments (copy psa@ansi.org) to: standards-process@tiaonline.org

TIA (Telecommunications Industry Association)

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

National Adoption

BSR/TIA 622.5-202x, Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 2-5: Connection parameters of non-dispersion shifted single-mode physically contacting fibres - Angled for reference connection applications (identical national adoption of IEC 61755-2-5) Adoption of IEC 61755-2-5 -Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 2-5: Connection parameters of non-dispersion shifted single-mode physically contacting fibres - Angled for reference connection applications as ANSI/TIA 622.5.

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UL (Underwriters Laboratories)

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

National Adoption

BSR/UL 62841-4-3-202x, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 4-3: Particular Requirements for Pedestrian Controlled Walk-Behind Lawnmowers (national adoption with modifications of IEC 62841-4-3)

Proposed Adoption Of The First Edition Of IEC 62841-4-3, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 4-3: Particular Requirements for Pedestrian Controlled Walk-Behind Lawnmowers, as the First Edition of UL 62841-4-3.

Single copy price: Free

Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx

Order from: http://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

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062 | megan.monsen@ul.org, https://ul.org/

Reaffirmation

BSR/UL 60947-7-4-2018 (R202x), Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 7-4: Ancillary Equipment-PCB Terminal Blocks for Copper Conductors (reaffirmation of ANSI/UL 60947-7-4-2018) This proposal for covers the reaffirmation and continuance of the First Edition of the Standard for Low-Voltage Switchgear and Controlgear - Part 7-4: Ancillary Equipment-PCB Terminal Blocks for Copper Conductors, UL 60947-7-4, as an standard.

Single copy price: Free

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UL (Underwriters Laboratories)

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

Reaffirmation

BSR/UL 62841-2-4-2017 (R202x), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type (reaffirmation and redesignation of ANSI/UL 62841-2-4-2017)

Reaffirmation and continuance of the 1st Edition of the Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type, UL 62841-2-4.

Single copy price: Free

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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

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

INCITS/ISO/IEC 14443-4:2018/AM 1:2021 [202x], Cards and security devices for personal identification -Contactless proximity objects - Part 4: Transmission protocol - Amendment 1: Dynamic power level managementement (identical national adoption of ISO/IEC 14443-4:2018/AM1:2021) Amendment 1 to ISO/IEC 14443-4:2018. Single copy price: \$20.00 Obtain an electronic copy from: http://webstore.ansi.org/ Order from: http://webstore.ansi.org/ Send comments (copy psa@ansi.org) to: 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

INCITS/ISO/IEC 24775-1:2021 [202x], Information technology - Storage management - Part 1: Overview (identical national adoption of ISO/IEC 24775-1:2021 and revision of INCITS/ISO/IEC 24775-1:2014 [R2021])

Defines an interface for the secure, extensible, and interoperable management of a distributed and heterogeneous storage system. This interface uses an object-oriented, XML-based, messaging-based protocol designed to support the specific requirements of managing devices and subsystems in this storage environment. Using this protocol, this ISO/IEC 24775-1:2021 describes the information available to a WBEM Client from an SMI-S compliant WBEM Server.

Single copy price: \$149.00

Obtain an electronic copy from: http://webstore.ansi.org/

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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

INCITS/ISO/IEC 24775-2:2021 [202x], Information technology - Storage management - Part 2: Common Architecture (identical national adoption of ISO/IEC 24775-2:2021 and revision of INCITS/ISO/IEC 24775 -2:2014 [R2021])

Defines the core architecture and protocols in SMI-S. The components of SMI-S architecture include: Transport - Communicating management information between constituents of the management system; Health and fault management - Detecting failures through monitoring the state of storage components; General information about the object model: Names - How SMI-S uses names to allow applications to correlate across SMI-S and to other standards; Standard messages - How exceptions are presented to client applications; Service discovery - Techniques clients use to discover SMI-S services; Installation and upgrade -Recommendations for implementations.

Single copy price: \$250.00

Obtain an electronic copy from: http://webstore.ansi.org/

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

INCITS/ISO/IEC 24775-3:2021 [202x], Information technology - Storage management - Part 3: Common profiles (identical national adoption of ISO/IEC 24775-3:2021 and revision of INCITS/ISO/IEC 24775-3:2014 [R2021])

Defines profiles that are supported by profiles defined in the other parts of this standard. The first few clauses provide background material that helps explain the purpose and profiles. Common port profiles are grouped together since they serve as transport-specific variations of a common model. The port profiles are followed by other common profiles.

Single copy price: \$250.00

Obtain an electronic copy from: http://webstore.ansi.org/

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

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National Adoption

INCITS/ISO/IEC 24775-4:2021 [202x], Information technology - Storage management - Part 4: Block devices (identical national adoption of ISO/IEC 24775-4:2021 and revision of INCITS/ISO/IEC 24775-4:2014 [R2021])

Defines an interface for the secure, extensible, and interoperable management of a distributed and heterogeneous storage system. This interface uses an object-oriented, XML-based, messaging-based protocol designed to support the specific requirements of managing devices and subsystems in this storage environment. Using this protocol, this edition of ISO/IEC 24775-4:2021 describes the information available to a WBEM Client from an SMI-S compliant WBEM Server.

Single copy price: \$250.00

Obtain an electronic copy from: http://webstore.ansi.org/

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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

INCITS/ISO/IEC 24775-5:2021 [202x], Information technology - Storage management - Part 5: File systems (identical national adoption of ISO/IEC 24775-5:2021 and revision of INCITS/ISO/IEC 24775-5:2014 [R2021])

Defines the core architecture and protocols in SMI-S. The components of SMI-S architecture include: Transport - Communicating management information between constituents of the management system; Health and fault management - Detecting failures through monitoring the state of storage components; General information about the object model: Names - How SMI-S uses names to allow applications to correlate across SMI-S and to other standards; Standard messages - How exceptions are presented to client applications; Service discovery - Techniques clients use to discover SMI-S services; Installation and upgrade -Recommendations for implementations.

Single copy price: \$250.00

Obtain an electronic copy from: http://webstore.ansi.org/

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National Adoption

INCITS/ISO/IEC 24775-6:2021 [202x], Information technology - Storage management - Part 6: Fabric (identical national adoption of ISO/IEC 24775-6:2021 and revision of INCITS/ISO/IEC 24775-6:2014 [R2021])

Defines management profiles for Autonomous (top level) profiles for programs and devices whose central function is providing support for storage networking. This version of Storage Management Technical Specification, Part 6: Fabric includes these autonomous profiles: Fabric, Switch, and Extender. Single copy price: \$250.00

Obtain an electronic copy from: http://webstore.ansi.org/

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National Adoption

INCITS/ISO/IEC 24775-7:2021 [202x], Information technology - Storage management - Part 7: Host elements (identical national adoption of ISO/IEC 24775-7:2021 and revision of INCITS/ISO/IEC 24775-7:2014 [R2021])

Defines management profiles for autonomous, component and abstract profiles for management of hostbased storage devices. The autonomous profiles describe the management of a stand-alone host-based storage entity. The component profiles describe management of aspects of host-based storage entities that may be used by other autonomous profiles. Finally, this section describes abstract profiles that may be used as a basis for creating additional Host-based autonomous profiles.

Single copy price: \$250.00

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National Adoption

INCITS/ISO/IEC 24775-8:2021 [202x], Information technology - Storage management - Part 8: Media libraries (identical national adoption of ISO/IEC 24775-8:2021 and revision of INCITS/ISO/IEC 24775-8:2014 [R2021])

Models various details of the following objects of the media library for monitoring: Library, Drives, Changer Devices, Slots, IO Slots, SCSI Interfaces and SCSI and FC Target Ports, Physical Tapes, Physical Package, and Magazines.

Single copy price: \$225.00

Obtain an electronic copy from: http://webstore.ansi.org/

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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

INCITS/ISO/IEC 30147:2021 [202x], Information technology - Internet of things - Methodology for trustworthiness of IoT system/service (identical national adoption of ISO/IEC 30147:2021) Provides system life cycle processes to implement and maintain trustworthiness in an IoT system or service by applying and supplementing ISO/IEC/IEEE 15288:2015. The system life cycle processes are applicable to IoT systems and services common to a wide range of application areas. Single copy price: \$133.00 Obtain an electronic copy from: http://webstore.ansi.org/ Order from: http://webstore.ansi.org/

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

INCITS/ISO/IEC 30165:2021 [202x], Internet of Things (IoT) - Real-time IoT framework (identical national adoption of ISO/IEC 30165:2021)

Specifies the framework of a real-time IoT (RT-IoT) system, including: RT-IoT system conceptual model based on domain-based IoT reference model defined in ISO/IEC 30141; impacts of real-time parameters in terms of four viewpoints (time, communication, control and computation).

Single copy price: \$26.00

Obtain an electronic copy from: http://webstore.ansi.org/

Order from: http://webstore.ansi.org/

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

UL (Underwriters Laboratories)

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

Revision

BSR/UL 47-202x, Standard for Semiautomatic Fire Hose Storage Devices (revision of ANSI/UL 47-2004 (R2017))

This proposal covers: 1. Updates to UL 47.

Single copy price: Free

Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx

Order from: http://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

UL (Underwriters Laboratories)

171 Nepean Street, Suite 400, Ottawa, ON K2P 0B4 Canada | kevin.hf.wu@ul.org, https://ul.org/

Revision

BSR/UL 464-202x, Standard for Safety for Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories (revision of ANSI/UL 464-2017)

Proposed new edition is a binational standard with CAN/ULC-S525 that will incorporate requirements for Canada and the United States. The harmonized requirements include: Addition of an Alternative Indoor Corrosion Test (21-Day) to be consistent with current requirements for initiating device standards; significant changes to the output pressure and sound requirements that harmonize the minimum sound level requirements at 75 dBA; the audibility test to specify the use of reverberant sound power as the method for determining sound level audibility in both the U.S. and Canada; new construction and performance requirements for battery-powered units, including primary batteries, secondary batteries used for stand-by power, and rechargeable lithium-ion batteries; addition of requirements for initiating devices; new requirements for Wireless Systems; addition of new firmware requirements; revisions to the gasket requirements for outdoor products. Single copy price: Free

Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx

Order from: http://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

Withdrawal of Technical Reports Registered with ANSI

Withdrawal of a Technical Report that is registered with ANSI is determined by the responsible ANSI-Accredited Standards Developer. The following Technical Reports are hereby withdrawn in accordance with the Developers own procedures.

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/IEC TR 19075-1:2011 [R2020], Information technology -- Database languages -- SQL Technical Reports -- Part 1: XQuery Regular Expression Support in SQL, a Technical Report prepared by INCITS and registered with ANSI

For inquiries contact: comments@standards.incits.org

Project Withdrawn

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

ASTM (ASTM International)

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

BSR/ASTM WK74817-202x, New Guide for Role Based Training in Facial Comparisons (new standard) Inquiries may be directed to Laura Klineburger; accreditation@astm.org

ASTM (ASTM International)

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

BSR/ASTM WK76556-202x, New Practice for Continuity of Maritime Operations in a Pandemic Environment (new standard) Inquiries may be directed to Laura Klineburger; accreditation@astm.org

CSA (CSA America Standards Inc.)

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

BSR Z21.85-202x, Alternative connection means for use in gas appliances (new standard) Inquiries may be directed to Debbie Chesnik; ansi.contact@csagroup.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:

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201 | kcarlson@ahrinet.org, www.ahrinet.org

ANSI/AHRI Standard 490-2011, Performance Rating of Remote Mechanical-Draft Evaporatively-Cooled Refrigerant Condensers Inquiries may be directed to Kristin Carlson; kcarlson@ahrinet.org

HPS (ASC N13) (Health Physics Society)

1313 Dolley Madison Blvd, Suite 402, McLean, VA 22101 | awride-graney@burkinc.com, www.hps.org

ANSI N13.45-2012, Incineration of Low-Level Radioactive Waste Inquiries may be directed to Amy Wride-Graney; awride-graney@burkinc.com

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

NEMA (ASC C37) (National Electrical Manufacturers Association)

, | Megan.Hayes@nema.org, www.nema.org

ANSI C37.57-2003 (R2010), Metal-Enclosed Interrupter Switchgear Assemblies - Conformance Testing Inquiries may be directed to Megan Hayes; Megan.Hayes@nema.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.

ASIS (ASIS International)

1625 Prince Street, Alexandria, VA 22314-2818 | standards@asisonline.org, www.asisonline.org

ANSI/ASIS CSO.1-2013, Chief Security Officer (CSO) - An Organizational Model Questions may be directed to: Aivelis Opicka; standards@asisonline.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.

AMCA (Air Movement and Control Association)

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

Revision

ANSI/AMCA 240-2022, Laboratory Methods of Testing Positive Pressure Ventilators for Aerodynamic Performance Rating (revision of ANSI/AMCA 240-2015) Final Action Date: 5/10/2022

APCO (Association of Public-Safety Communications Officials-International)

351 N. Williamson Boulevard, Daytona Beach, FL 32114-1112 | apcostandards@apcointl.org, www.apcoIntl.

New Standard

ANSI/APCO 2.102.1-2022, APCO NENA Advanced Automatic Crash Notification (AACN) Vehicle Emergency Data Set (VEDS) (new standard) Final Action Date: 5/13/2022

ASME (American Society of Mechanical Engineers)

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

Revision

ANSI/ASME A112.14.3/CSA B481.1-2022, Hydromechanical Grease Interceptors (revision and redesignation of ANSI/ASME A112.14.3-2018) Final Action Date: 5/13/2022

Revision

ANSI/ASME/ANS RA-S-1.1-1-2022, Standard for Level 1 / Large Early Release Frequency Probabilistic Risk Assessment for Nuclear Power Plant Applications (revision and redesignation of ANSI/ASME RA-S-2008 (R2019)) Final Action Date: 5/11/2022

DirectTrust (DirectTrust.org, Inc.)

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

New Standard

ANSI/DS 2020-03-100-2022, Event Notifications via the Direct Standard[™] (new standard) Final Action Date: 5/13/2022

EOS/ESD (ESD Association, Inc.)

218 W. Court Street, Rome, NY 13440 | cearl@esda.org, www.esda.org

Revision

ANSI/EOS ESD STM9.1-2022, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Footwear and Foot Grounders - Resistive Characterization (revision of ANSI/ESD STM9.1 -2014) Final Action Date: 5/13/2022

FCI (Fluid Controls Institute)

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

Revision

ANSI/FCI 69-1-2022, Pressure Rating Standard for Steam Traps (revision of ANSI/FCI 69-1-2017) Final Action Date: 5/13/2022

NSF (NSF International)

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

Revision

ANSI/NSF 51-2022 (i26r1), Food Equipment Materials (revision of ANSI/NSF 51-2019) Final Action Date: 5/1/2022

Revision

ANSI/NSF 173-2022 (i92r2), Dietary Supplements (revision of ANSI/NSF 173-2021) Final Action Date: 4/29/2022

Revision

ANSI/NSF 173-2022 (i95r2), Dietary Supplements (revision of ANSI/NSF 173-2021) Final Action Date: 5/2/2022

Revision

ANSI/NSF 244-2022 (i15r2), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2021) Final Action Date: 5/9/2022

Revision

ANSI/NSF 350-2022 (i57r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019) Final Action Date: 5/12/2022

RESNET (Residential Energy Services Network, Inc.)

4867 Patina Court, Oceanside, CA 92057 | rick.dixon@resnet.us, www.resnet.us.com

Revision

ANSI/RESNET/ICC 380-2022, Standard for Testing Airtightness of Building, Dwelling Unit, and Sleeping Unit Enclosures; Airtightness of Heating and Cooling Air Distribution Systems; and Airflow of Mechanical Ventilation Systems (revision and redesignation of ANSI/RESNET/ICC 380-2019) Final Action Date: 5/10/2022

TIA (Telecommunications Industry Association)

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

Reaffirmation

ANSI/TIA 526.7-A-2015 (R2022), Measurement of Optical Power Loss of Installed Single-Mode Fiber Cable Plant, Adoption of IEC 61280-4-2 edition 2: Fibre-Optic Communications Subsystem Test Procedures Part 4-2: Installed Cable Plant Single-Mode Attenuation and Optical Return Loss Measurement. (reaffirmation of ANSI/TIA 526.7-A -2015) Final Action Date: 5/11/2022

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | kelly.smoke@ul.org, https://ul.org/

Reaffirmation

ANSI/UL 1417-2012 (R2022), Standard for Special Fuses for Radio- and Television-Type Appliances (reaffirmation of ANSI/UL 1417-2012 (R2017)) Final Action Date: 5/3/2022

Revision

ANSI/UL 499-2022, Standard for Safety for Electric Heating Appliances (revision of ANSI/UL 499-2021) Final Action Date: 5/3/2022

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Joshua.Johnson@ul.org, https://ul.org/

Revision

ANSI/UL 651-2022, Standard for Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings (revision of ANSI/UL 651-2020) Final Action Date: 5/10/2022

Revision

ANSI/UL 913-2022, Standard for Safety for Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations (revision of ANSI/UL 913-2019) Final Action Date: 5/10/2022

Revision

ANSI/UL 1576-2022, Standard for Safety for Flashlights and Lanterns (revision of ANSI/UL 1576-2020) Final Action Date: 5/13/2022

Revision

ANSI/UL 60335-2-3-2022, Standard for Safety of Household and Similar Electrical Appliances, Part 2: Particular Requirements for Electric Irons (February 25, 2022) (revision of ANSI/UL 60335-2-3-2016) Final Action Date: 5/10/2022

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:

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- Producer-Hardware
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- 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.

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More information is available at www.scte.org or by e-mail from standards@scte.org.
ASSP (ASC A10) (American Society of Safety Professionals)

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

BSR/ASSP A10.39-202X, Construction Safety & Health Audit Program (revision and redesignation of ANSI/ASSE A10.39-1996 (R2017))

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

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

BSR/ASSP A10.49-202X, Control of Chemical Health Hazards in Construction and Demolition Operations (revision and redesignation of ANSI/ASSE A10.49-2015)

CGA (Compressed Gas Association)

8484 Westpark Drive, Suite 220, McLean, VA 22102 | tdeary@cganet.com, www.cganet.com BSR/CGA G-5-202x, Hydrogen (new standard)

CGA (Compressed Gas Association)

8484 Westpark Drive, Suite 220, McLean, VA 22102 | tdeary@cganet.com, www.cganet.com BSR/CGA H-3-202x, Cryogenic Hydrogen Storage (new standard)

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005-4001 | pmcgillicuddy@ies.org, www.ies.org

BSR/IES LM-98-202x, Lighting Measurement: In-Situ Temperature Test for Solid State Lighting Products (new standard)

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005-4001 | pmcgillicuddy@ies.org, www.ies.org

BSR/IES RP-6-202x, Recommended Practice: Lighting Sports and Recreational Areas - Bullpen Lighting (revision of ANSI/IES RP-6-2020)

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005-4001 | pmcgillicuddy@ies.org, www.ies.org

BSR/IES RP-1-22-202x, Recommended Practice: Lighting Office Spaces - Home Office Lighting (revision of ANSI/IES RP-1-2020)

ISA (International Society of Automation)

3252 S. Miami Blvd, Suite 102, Durham, NC 27703 | crobinson@isa.org, www.isa.org BSR/ISA 5.1-202x, Instrumentation Symbols and Identification (revision of ANSI/ISA 5.1-2022)

ISA (International Society of Automation)

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

BSR/ISA 84.91.03-202x, Functional Safety: Process Safety Controls, Alarms, and Interlocks as Protection Layers (new standard)

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INCITS/ISO/IEC 14443-4:2018/AM 1:2021 [202x], Cards and security devices for personal identification -Contactless proximity objects - Part 4: Transmission protocol - Amendment 1: Dynamic power level management (identical national adoption of ISO/IEC 14443-4:2018/AM1:2021)

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/IEC 24775-1:2021 [202x], Information technology - Storage management - Part 1: Overview (identical national adoption of ISO/IEC 24775-1:2021 and revision of INCITS/ISO/IEC 24775-1:2014 [R2021])

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/IEC 24775-2:2021 [202x], Information technology - Storage management - Part 2: Common Architecture (identical national adoption of ISO/IEC 24775-2:2021 and revision of INCITS/ISO/IEC 24775-2:2014 [R2021])

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/IEC 24775-3:2021 [202x], Information technology - Storage management - Part 3: Common profiles (identical national adoption of ISO/IEC 24775-3:2021 and revision of INCITS/ISO/IEC 24775-3:2014 [R2021])

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/IEC 24775-4:2021 [202x], Information technology - Storage management - Part 4: Block devices (identical national adoption of ISO/IEC 24775-4:2021 and revision of INCITS/ISO/IEC 24775-4:2014 [R2021])

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INCITS/ISO/IEC 24775-5:2021 [202x], Information technology - Storage management - Part 5: File systems (identical national adoption of ISO/IEC 24775-5:2021 and revision of INCITS/ISO/IEC 24775-5:2014 [R2021])

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INCITS/ISO/IEC 24775-6:2021 [202x], Information technology - Storage management - Part 6: Fabric (identical national adoption of ISO/IEC 24775-6:2021 and revision of INCITS/ISO/IEC 24775-6:2014 [R2021])

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/IEC 24775-7:2021 [202x], Information technology - Storage management - Part 7: Host elements (identical national adoption of ISO/IEC 24775-7:2021 and revision of INCITS/ISO/IEC 24775-7:2014 [R2021])

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

INCITS/ISO/IEC 24775-8:2021 [202x], Information technology - Storage management - Part 8: Media libraries (identical national adoption of ISO/IEC 24775-8:2021 and revision of INCITS/ISO/IEC 24775-8:2014 [R2021])

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/IEC 30147:2021 [202x], Information technology - Internet of things - Methodology for trustworthiness of IoT system/service (identical national adoption of ISO/IEC 30147:2021)

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/IEC 30165:2021 [202x], Internet of Things (IoT) - Real-time IoT framework (identical national adoption of ISO/IEC 30165:2021)

NSF (NSF International)

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

BSR/NSF 245-202x (i26r2), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2020)

NSF (NSF International)

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

BSR/NSF/CAN 50-202x (i106r16), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)

NSF (NSF International)

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

BSR/NSF/CAN 61-202x (i163r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2021)

TIA (Telecommunications Industry Association)

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

BSR/TIA 622.4-202x, IEC 61755-2-4 - Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 2-4: Connection parameters of non-dispersion shifted single-mode physically contacting fibres - Non-angled for reference connection applications (identical national adoption of IEC 61755-2-4)

TIA (Telecommunications Industry Association)

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

BSR/TIA 622.5-202x, Fibre optic interconnecting devices and passive components - Connector optical interfaces -Part 2-5: Connection parameters of non-dispersion shifted single-mode physically contacting fibres - Angled for reference connection applications (identical national adoption of IEC 61755-2-5)

UL (Underwriters Laboratories)

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

BSR/UL 47-202x, Standard for Semiautomatic Fire Hose Storage Devices (revision of ANSI/UL 47-2004 (R2017))

Call for Comment of ANS Limited Substantive Changes

ANSI Accredited Standards Developers

FM - FM Approvals

ANSI/FM 2510-2020 - 30-Day Comment Deadline By June 20, 2022

This Call for Comment of Limited Substantive Changes to the Approved American National Standard is available for review & comment until **June 20, 2022**

ANSI/FM 2510-2020

Flood Abatement Equipment

(revision of ANSI/FM 2510-2014)

This standard contains test requirements for the performance of flood barriers, flood mitigation pumps, backwater valves, and waterproofing products for building penetrations, as well as an evaluation of the components comprising these products to assure reliability in the barrier's performance.

Order from: josephine.mahnken@fmapprovals.com Send comments (with optional copy to psa@ansi.org) to: josephine.mahnken@fmapprovals.com Obtain an electronic copy from: josephine.mahnken@fmapprovals.com Single copy price: Free

Click here to view these changes in full

Josephine Mahnken Sr. Business Process Specialist FM Approvals (FM) 1151 Boston-Providence Turnpike Norwood, MA 02062 p: (781) 255-4813 e: josephine.mahnken@fmapprovals.com

Call for Comment of ANS Limited Substantive Changes

ANSI Accredited Standards Developers

FM - FM Approvals

ANSI/FM 4996-2019 - 30-Day Comment Deadline By June 20, 2022

This Call for Comment of Limited Substantive Changes to the Approved American National Standard is available for review & comment until **June 20, 2022**

ANSI/FM 4996-2019

Classification of Pallets and Other Material Handling Products as Equivalent to Wood Pallets (revision of ANSI/FM 4996-2013) This standard provides a means for testing plastic pallets using a full scale sprinklered fire test to simulate a real-life fire condition.

Order from: Josephine Mahnken, (781) 255-4813, josephine.mahnken@fmapprovals.com Send comments (with optional copy to psa@ansi.org) to: Same Obtain an electronic copy from: josephine.mahnken@fmapprovals.com Single copy price: Free

Click here to view these changes in full

Josephine Mahnken Sr. Business Process Specialist FM Approvals (FM) 1151 Boston-Providence Turnpike Norwood, MA 02062 p: (781) 255-4813 e: josephine.mahnken@fmapprovals.com

American National Standards (ANS) Announcements

Rescind ANS Approval

ASTM - ASTM International

ASTM E1732-2022

At the request of the ANSI-Accredited Standards Developer ASTM, the Apr 1, 2022 approval of ASTM E1732-2022, Terminology Relating to Forensic Science as an American National Standard has been rescinded. Please direct any questions to: Corice Leonard; accreditation@astm.org

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

AGA (ASC Z380) - American Gas AssociationGas Piping Technology

Effective May 11, 2022

The reaccreditation of AGA -American Gas Association, sponsor of ASC Z380 -

Gas Piping Technology has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on AGA (ASC Z380)-sponsored American National Standards, effective **May 11, 2022**. For additional information, please contact: Betsy Carter, American Gas Association (AGA (ASC Z380)) | 400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | (202) 824-7339, btansey@aga.org

Approval of Reaccreditation – ASD

ARESCA - American Renewable Energy Standards and Certification Association

Effective May 4, 2022

The reaccreditation of **ARESCA - American Renewable Energy Standards and Certification Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ARESCA-sponsored American National Standards, effective **May 4, 2022**. For additional information, please contact: Bob Sherwin, American Renewable Energy Standards and Certification Association (ARESCA) | 256 Farrell Farm Road, Norwich, VT 05055 | (802) 291-4934, vtwindpower@gmail.com

Approval of Reaccreditation – ASD

DASMA - Door and Access Systems Manufacturers Association

Effective May 4, 2022

The reaccreditation of **DASMA** - **Door and Access Systems Manufacturers Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on DASMA-sponsored American National Standards, effective **May 4, 2022**. For additional information, please contact: Christopher Johnson, Door and Access Systems Manufacturers Association (DASMA) | 1300 Sumner Avenue, Cleveland, OH 44115 | (216) 241-7333, dasma@dasma.com

Approval of Reaccreditation – ASD

FCI - Fluid Controls Institute

Effective May 4, 2022

The reaccreditation of **FCI** - **Fluid Controls Institute** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on FCI-sponsored American National Standards, effective **May 4, 2022**. For additional information, please contact: Christopher Johnson, Fluid Controls Institute (FCI) | 1300 Sumner Avenue, Cleveland, OH 44115 | (216) 241-7333, fci@fluidcontrolsinstitute.org

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation - ASD

IACET - International Association for Continuing Education and Training

Effective May 11, 2022

The reaccreditation of **IACET - International Association for Continuing Education and Training** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on IACET-sponsored American National Standards, effective **May 11, 2022**. For additional information, please contact: Sherard Jones, International Association for Continuing Education and Training (IACET) | 2201 Cooperative Way, Suite 600, Herndon, VA 20171 | (708) 217-2040, sjones@stratfuturist.com

Approval of Reaccreditation - ASD

IEEE - Institute of Electrical and Electronics Engineers

Effective May 4, 2022

ANSI's Executive Standards Council has approved the reaccreditation of **IEEE - Institute of Electrical and Electronics Engineers** under its recently revised operating procedures for documenting consensus on IEEE-sponsored American National Standards, effective **May 4, 2022**. For additional information, please contact: David Ringle, Institute of Electrical and Electronics Engineers (IEEE) | 445 Hoes Lane, Piscataway, NJ 08854-4141 | (732) 562-3806, d.ringle@ieee. org

Approval of Reaccreditation - ASD

NICA - National Infusion Center Association

Effective May 6, 2022

The reaccreditation of **NICA** - **National Infusion Center Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on NICA-sponsored American National Standards, effective **May 6, 2022**. For additional information, please contact: Kaitey Morgan, National Infusion Center Association (NICA) | 3307 Northland Drive, Suite 160, Austin, TX 78731 | (512) 761 -7870, kaitey.morgan@infusioncenter.org

Approval of Reaccreditation - ASD

PMI (Organization) - Project Management Institute

Effective December 8, 2021

The reaccreditation of **PMI (Organization) - Project Management Institute** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on PMI (Organization)-sponsored American National Standards, effective **December 8, 2021**. For additional information, please contact: Leah Huf, Project Management Institute (PMI (Organization)) | 14 Campus Boulevard, Newtown Square, PA 19073-3299 | (484) 757-1121, Leah.huf@pmi.org

Approval of Reaccreditation - ASD

PSAI - Portable Sanitation Association International

Effective May 4, 2022

The reaccreditation of **PSAI - Portable Sanitation Association International** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on PSAI-sponsored American National Standards, effective **May 4, 2022**. For additional information, please contact: Veronica Crosier, Portable Sanitation Association International (PSAI) | 1000 Westgate Drive, Suite 252, Saint Paul, MN 55114 | (304) 640-1564, veronicac@ewald.com

American National Standards (ANS) Process

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

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

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

• ANSI Essential Requirements: Due process requirements for American National Standards (always current edition): www.ansi.org/essentialrequirements

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

org/standardsaction

• Accreditation information – for potential developers of American National Standards (ANS): www.ansi. org/sdoaccreditation

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

- Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS: www.ansi.org/asd
- American National Standards Key Steps: www.ansi.org/anskeysteps
- American National Standards Value: www.ansi.org/ansvalue
- ANS Web Forms for ANSI-Accredited Standards Developers PINS, BSR8 | 108, BSR11, Technical Report: https://www.ansi.org/portal/psawebforms/
- Information about standards Incorporated by Reference (IBR): https://ibr.ansi.org/
- ANSI Education and Training: www.standardslearn.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)
- > UL (Underwriters Laboratories)

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.

ABYC

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

Emily Parks eparks@abycinc.org

AGMA

American Gear Manufacturers Association 1001 N Fairfax Street, 5th Floor Alexandria, VA 22314 www.agma.org

Amir Aboutaleb tech@agma.org

AHAM

Association of Home Appliance Manufacturers 1111 19th Street NW, Suite 402 Washington, DC 20036 www.aham.org

John Park jpark@aham.org

AMCA

Air Movement and Control Association 30 West University Drive Arlington Heights, IL 60004 www.amca.org

Shruti Kohli-Bhargava shrutik@amca.org

ANS

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

Kathryn Murdoch kmurdoch@ans.org

APA

APA - The Engineered Wood Association 7011 South 19th Street Tacoma, WA 98466 www.apawood.org

Borjen Yeh borjen.yeh@apawood.org

APCO

Association of Public-Safety Communications Officials-International 351 N. Williamson Boulevard Daytona Beach, FL 32114 www.apcoIntl.org Mindy Adams

apcostandards@apcointl.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

ASQ (ASC Z1)

American Society for Quality 600 N Plankinton Avenue Milwaukee, WI 53201 www.asq.org

Elizabeth Spaulding espaulding@asq.org

ASSP (Safety)

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

Tim Fisher TFisher@ASSP.org

ASTM

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

Laura Klineburger accreditation@astm.org

AWWA

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

polson@awwa.org

CGA

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

Thomas Deary tdeary@cganet.com

DirectTrust

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

Stacy Clements standards@directtrust.org

DSI

Dental Standards Institute, Inc. 109 Bushaway Road, Suite 100 Wayzata, MN 55391 https://dentalstandardsinstitute.com/

Bryan Laskin bryan@upgradedental.com

EOS/ESD

ESD Association, Inc. 218 W. Court Street Rome, NY 13440 www.esda.org

Christina Earl cearl@esda.org

FCI

Fluid Controls Institute 1300 Sumner Avenue Cleveland, OH 44115 www.fluidcontrolsinstitute.org

Leslie Schraff fci@fluidcontrolsinstitute.org

HPS (ASC N13)

Health Physics Society 1313 Dolley Madison Blvd, Suite 402 McLean, VA 22101 www.hps.org

Amy Wride-Graney awride-graney@burkinc.com

ANSI-Accredited Standards Developers Contact Information

HSI

Healthcare Standards Institute 3004 Sea Pines Place League City, TX 77573 www.hsi.health/

Lee Webster lwebster@ingenesis.com

IEEE (ASC C63)

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

Jennifer Santulli J.Santulli@ieee.org

IES

Illuminating Engineering Society 120 Wall Street, Floor 17 New York, NY 10005 www.ies.org

Patricia McGillicuddy pmcgillicuddy@ies.org

ISA (Organization)

International Society of Automation 3252 S. Miami Blvd, Suite 102 Durham, NC 27703 www.isa.org Charley Robinson crobinson@isa.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

NEMA (ASC W1)

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

Khaled Masri Khaled.Masri@nema.org

NFPA

National Fire Protection Association One Batterymarch Park Quincy, MA 02169 www.nfpa.org Dawn Michele Bellis dbellis@nfpa.org

NSF

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RESNET

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Richard Dixon rick.dixon@resnet.us

SCTE

Society of Cable Telecommunications Engineers 140 Philips Rd Exton, PA 19341 www.scte.org Kim Cooney kcooney@scte.org

TIA

Telecommunications Industry Association 1320 North Courthouse Road, Suite 200 Arlington, VA 22201 www.tiaonline.org

Teesha Jenkins standards-process@tiaonline.org

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ISO & IEC Draft International Standards



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

COMMENTS

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

Those regarding IEC documents should be sent to 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

Additive manufacturing (TC 261)

ISO/ASTM DIS 52935, Additive manufacturing of metals -Qualification principles - Qualification of AM coordination personnel - 8/1/2022, \$62.00

Aircraft and space vehicles (TC 20)

- ISO/DIS 5110, Test method for flight stability of multi-copter UAS under wind and rain conditions 7/29/2022, \$62.00
- ISO/DIS 24245, Space systems Global Navigation Satellite System (GNSS) receiver class codes - 7/28/2022, \$71.00

Applications of statistical methods (TC 69)

- ISO/FDIS 10576, Statistical methods Guidelines for the evaluation of conformity with specified requirements 8/12/2021, \$62.00
- ISO/FDIS 3951-1, Sampling procedures for inspection by variables - Part 1: Specification for single sampling plans indexed by acceptance quality limit (AQL) for lot-by-lot inspection for a single quality characteristic and a single AQL -3/1/2021, \$165.00

Banking and related financial services (TC 68)

ISO/DIS 13491-2, Financial services - Secure cryptographic devices (retail) - Part 2: Security compliance checklists for devices used in financial transactions - 3/17/2022, \$107.00

Biotechnology (TC 276)

ISO/DIS 24190, Biotechnology - Analytical Methods - Risk-based approach for method selection and validation for rapid microbial detection in bioprocesses - 8/4/2022, \$112.00

Earth-moving machinery (TC 127)

- ISO 13459:2012/DAmd 1, Earth-moving machinery Trainer seat - Deflection limiting volume, space envelope and performance requirements - Amendment 1 - 7/17/2022, \$29.00
- ISO/DIS 6011, Earth-moving machinery Visual display of machine operation 3/13/2022, \$53.00

Equipment for fire protection and fire fighting (TC 21)

- ISO/FDIS 21805, Guidance and recommendations on design, selection and installation of vents to safeguard the structural integrity of enclosures protected by gaseous fire-extinguishing systems 3/21/2021, \$107.00
- ISO/DIS 7240-7, Fire detection and alarm systems Part 7: Pointtype smoke detectors using scattered light, transmitted light or ionization - 8/4/2022, \$125.00
- ISO/FDIS 14520-1, Gaseous fire-extinguishing systems Physical properties and system design Part 1: General requirements 3/11/2021, \$165.00

Essential oils (TC 54)

- ISO/DIS 210, Essential oils General rules for packaging, conditioning and storage 3/11/2022, \$46.00
- ISO/DIS 211, Essential oils General rules for labelling and marking of containers 3/11/2022, \$33.00

Fire safety (TC 92)

ISO/DIS 24678-5, Fire safety engineering - Requirements governing algebraic formulae - Part 5: Vent flows - 8/1/2022, \$112.00

Floor coverings (TC 219)

ISO/FDIS 24335, Laminate floor coverings - Determination of impact resistance - 8/27/2021, \$62.00

Graphic technology (TC 130)

ISO/FDIS 12640-3, Graphic technology - Prepress digital data exchange - Part 3: CIELAB standard colour image data (CIELAB/SCID) -, \$102.00

Health Informatics (TC 215)

ISO/DIS 41064, Health informatics - Standard communication protocol - Computer-assisted electrocardiography - 7/28/2022, \$203.00

Healthcare organization management (TC 304)

ISO/DIS 5741, Pandemic response - Temporary medical facility - $3/17/2022,\,\$58.00$

Human resource management (TC 260)

ISO/DIS 30435, Human resource management - Workforce data quality - 3/13/2022, \$62.00

Laboratory glassware and related apparatus (TC 48)

ISO/DIS 13132, Laboratory glassware - Petri dishes - 7/30/2022, \$46.00

Lifts, escalators, passenger conveyors (TC 178)

ISO/FDIS 8102-20, Electrical requirements for lifts, escalators and moving walks - Part 20: Cybersecurity - 7/1/2021, \$102.00

Machine tools (TC 39)

ISO/DIS 6779, Test conditions for vertical internal type broaching machines - Testing of accuracy - 3/11/2022, \$71.00

Mechanical testing of metals (TC 164)

ISO/DIS 204, Metallic materials - Uniaxial creep testing in tension - Method of test - 7/31/2022, \$119.00

Medical devices for injections (TC 84)

ISO/DIS 23217, Injection systems for self-administration by paediatric patients - Guidance for design - 7/29/2022, \$107.00

Non-destructive testing (TC 135)

ISO/FDIS 18563-1, Non-destructive testing - Characterization and verification of ultrasonic phased array equipment - Part 1: Instruments - 7/4/2021, \$119.00

Other

ISO/DIS 11936, Leather - Determination of total content of certain bisphenols - 3/13/2022, \$46.00

Paints and varnishes (TC 35)

Plastics (TC 61)

ISO/DIS 22183, Plastics - Validation of force-time curves obtained from high- speed tensile tests - 7/28/2022, \$88.00

Pulleys and belts (including veebelts) (TC 41)

- ISO/DIS 252, Conveyor belts Adhesion between constitutive elements Test methods 3/12/2022, \$40.00
- ISO/DIS 583, Conveyor belts with a textile carcass Total belt thickness and thickness of constitutive elements Test methods 3/14/2022, \$53.00

Railway applications (TC 269)

- ISO/FDIS 23019, Railway Applications Driving simulator for drivers training 6/26/2021, \$98.00
- ISO/FDIS 22074-4, Railway infrastructure Rail fastening systems - Part 4: Test methods for resistance to repeated loading -4/11/2021, \$67.00

Road vehicles (TC 22)

ISO/DIS 11452-8, Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 8: Immunity to magnetic fields -8/4/2022, \$71.00

Service activities relating to drinking water supply systems and wastewater systems - Quality criteria of the service and performance indicators (TC 224)

ISO/DIS 24540, Principles for effective and efficient corporate governance of water utilities - 3/17/2022, \$93.00

Sieves, sieving and other sizing methods (TC 24)

- ISO/FDIS 26824, Particle characterization of particulate systems -Vocabulary - 5/17/2021, \$125.00
- ISO/FDIS 20998-2, Measurement and characterization of particles by acoustic methods Part 2: Linear theory 5/14/2021, \$102.00

Soil quality (TC 190)

ISO/FDIS 23992, Soil quality - Framework for detailed recording and monitoring of changes in dynamic soil properties -3/28/2021, \$98.00

Solar energy (TC 180)

ISO/FDIS 9845-1, Solar energy - Reference solar spectral irradiance at the ground at different receiving conditions - Part 1: Direct normal and hemispherical solar irradiance for air mass 1,5 - 7/15/2021, \$58.00

Solid mineral fuels (TC 27)

ISO/FDIS 7936, Coal - Determination and presentation of float and sink characteristics - General directions for apparatus and procedures - 7/5/2021, \$125.00

Starch (including derivatives and by-products) (TC 93)

ISO/FDIS 24683, High fructose syrup - Specifications and test methods - 5/28/2021, \$46.00

Steel (TC 17)

ISO/DIS 683-7, Heat-treatable steels, alloy steels and free-cutting steels - Part 7: Bright products of non-alloy and alloy steels - 8/1/2022, \$119.00

ISO/DIS 16143-4, Stainless steels for general purposes - Part 4: Bright products - 8/1/2022, \$102.00

Textiles (TC 38)

- ISO/DIS 5162, Textiles Quality labelling specification for dehaired cashmere 3/11/2022, \$62.00
- ISO/DIS 9073-1, Nonwovens Test methods Part 1: Determination of mass per unit area - 3/13/2022, \$40.00
- ISO/DIS 9073-3, Nonwovens Test methods Part 3: Determination of tensile strength and elongation at break using the strip method - 3/12/2022, \$53.00

Thermal insulation (TC 163)

- ISO/FDIS 12623, Thermal insulating products for building equipment and industrial installations - Determination of shortterm water absorption by partial immersion of preformed pipe insulation - 3/14/2021, \$58.00
- ISO/FDIS 12624, Thermal insulating products for building equipment and industrial installations - Determination of trace quantities of water-soluble chloride, fluoride, silicate, sodium ions and pH - 3/14/2021, \$62.00
- ISO/FDIS 12628, Thermal insulating products for building equipment and industrial installations Determination of dimensions, squareness and linearity of preformed pipe insulation 3/14/2021, \$58.00
- ISO/FDIS 12629, Thermal insulating products for building equipment and industrial installations - Determination of water vapour transmission properties of preformed pipe insulation -3/14/2021, \$62.00
- ISO/FDIS 18096, Thermal insulating products for building equipment and industrial installations - Determination of maximum service temperature for preformed pipe insulation -3/13/2021, \$71.00
- ISO/FDIS 18097, Thermal insulating products for building equipment and industrial installations - Determination of maximum service temperature - 3/13/2021, \$71.00

- ISO/FDIS 18098, Thermal insulating products for building equipment and industrial installations - Determination of the apparent density of preformed pipe insulation - 3/13/2021, \$33.00
- ISO/FDIS 18099, Thermal insulating products for building equipment and industrial installations - Determination of the coefficient of thermal expansion - 3/13/2021, \$40.00
- ISO/FDIS 29465, Thermal insulating products for building applications - Determination of length and width - 3/13/2021, \$33.00
- ISO/FDIS 29468, Thermal insulating products for building applications Determination of flatness 3/13/2021, \$33.00
- ISO/FDIS 29768, Thermal insulating products for building applications Determination of linear dimensions of test specimens 3/14/2021, \$40.00
- ISO/FDIS 29770, Thermal insulating products for building applications Determination of thickness for floating-floor insulating products 3/14/2021, \$40.00

Timber (TC 218)

- ISO/DIS 4556, Wood raw parquet blocks General characteristics 3/14/2022, \$46.00
- ISO/DIS 4561, Wood raw parquet blocks Classification 3/14/2022, \$46.00
- ISO/DIS 4562, Wood parquet strips Classification 3/14/2022, \$46.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO/FDIS 4444, Agricultural sprayers - Recording of spray drift parameters - 5/21/2021, \$46.00

Traditional Chinese medicine (TC 249)

ISO/FDIS 23964, Traditional Chinese medicine - Saposhnikovia divaricata root and rhizome - 7/18/2021, \$71.00

ISO/IEC JTC 1, Information Technology

- ISO/IEC 24760-1:2019/DAmd 1, IT Security and Privacy A framework for identity management Part 1: Terminology and concepts Amendment 1: Additonal terminology items and concepts 7/25/2022, \$46.00
- ISO/IEC 24760-3:2016/DAmd 1, Information technology -Security techniques - A framework for identity management -Part 3: Practice - Amendment 1: Identity Information Lifecycle processes - 7/29/2022, \$33.00
- ISO/IEC DIS 27040, Information technology Security techniques Storage security 8/4/2022, \$155.00

- ISO/IEC DIS 23837-1, Information technology security techniques - Security requirements, test and evaluation methods for quantum key distribution - Part 1: Requirements - 7/29/2022, \$125.00
- ISO/IEC DIS 23837-2, Information technology security techniques
 Security requirements, test and evaluation methods for quantum key distribution - Part 2: Evaluation and testing methods - 7/29/2022, \$155.00
- ISO/IEC DIS 27036-3, Cybersecurity Supplier relationships Part 3: Guidelines for hardware, software, and services supply chain security 3/12/2022, \$112.00
- ISO/IEC DIS 11179-30, Information technology Metadata registries (MDR) Part 30: Basic attributes of metadata 3/11/2022, \$53.00
- ISO/IEC DIS 11179-33, Information technology Metadata registries (MDR) - Part 33: Metamodel for data set registration -3/11/2022, \$102.00

ISO/IEC DIS 11179-35, Information technology - Metadata registries (MDR) - Part 35: Metamodel for model registration - 3/11/2022, \$146.00

IEC Standards

Alarm systems (TC 79)

79/658(F)/FDIS, IEC 62676-2-33 ED1: Video surveillance systems for use in security applications - Part 2-33: Cloud uplink and remote management system access, 06/03/2022

All-or-nothing electrical relays (TC 94)

- 94/703/CD, IEC 61810-7-35 ED1: All-or-nothing electrical relays -Tests and Measurements - Part 7-35: Resistance to cleaning solvents, 07/08/2022
- 94/704/CD, IEC 61810-7-5 ED1: All-or-nothing electrical relays -Tests and Measurements - Part 7-5: Insulation resistance, 07/08/2022

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

- 100/3754/CDV, IEC 62680-4-1 ED1: Universal Serial Bus interfaces for data and power - Part 4-1: Universal Serial Bus 4 -Specification, 08/05/2022
- 100/3773/CD, IEC TR 63449 ED1: Dynamic metadata HDR impacts on TV power consumption (TA 19), 08/05/2022

Capacitors and resistors for electronic equipment (TC 40)

40/2950/FDIS, IEC 60384-19 ED4: Fixed capacitors for use in electronic equipment - Part 19: Sectional specification: Fixed metallized polyethylene terephthalate film dielectric surface mount DC capacitors, 06/24/2022

Documentation and graphical symbols (TC 3)

3/1579/CD, IEC TS 63266 ED1: Representation of communication in power utility automation, 09/02/2022

Electric welding (TC 26)

- 26/734/FDIS, IEC 60974-12 ED4: Arc welding equipment Part 12: Coupling devices for welding cables, 06/24/2022
- 26/732/CDV, IEC 62822-3 ED2: Electric welding equipment -Assessment of restrictions related to human exposure to electromagnetic fields (0 Hz to 300 Hz) - Part 3: Resistance welding equipment, 08/05/2022

Electrical accessories (TC 23)

- 23B/1386/FDIS, IEC 60884-1 ED4: Plugs and socket-outlets for household and similar purposes - Part 1: General requirements, 06/24/2022
- 23E/1246/CDV, IEC 62752 ED2: In-cable control and protection device for mode 2 charging of electric road vehicles (IC-CPD), 08/05/2022
- 23A/997(F)/FDIS, IEC 63355 ED1: Cable management systems -Test method for content of halogens, 06/10/2022

Electrical equipment in medical practice (TC 62)

62B/1280/CD, ISO 10974 ED1: Assessment of the safety of magnetic resonance imaging for patients with an active implantable medical device, 07/08/2022

Electrical installations of buildings (TC 64)

64/2559(F)/FDIS, IEC 60364-8-82 ED1: Low-voltage electrical installations - Part 8-82: Functional aspects - Prosumer's low-voltage electrical installations, 06/03/2022

Electroacoustics (TC 29)

29/1123/CD, IEC 61252 ED2: Electroacoustics - Specifications for personal sound exposure meters, 08/05/2022

Electromechanical components and mechanical structures for electronic equipments (TC 48)

- 48B/2955/CDV, IEC 61076-8-105 ED1: Connectors for electrical and electronic equipment - Product requirements - Part 8-105: Power connectors - Detail specification for 2-pole snap locking rectangular power connectors with plastic housing for rated current of 63 A and rated voltage 400V, 08/05/2022
- 48B/2956/CDV, IEC 61076-8-106 ED1: Connectors for electrical and electronic equipment - Product requirements - Part 8-106: Power connectors - Detail specification for 2-poles push-pull coupling rectangular connectors with fuses, for rated voltage of 400 V DC and rated current of 16 A, 08/05/2022

- 48D/752/CDV, IEC 61969-1 ED4: Mechanical structures for electrical and electronic equipment - Outdoor enclosures - Part 1: Design guidelines, 08/05/2022
- 48D/753/CDV, IEC 61969-3 ED4: Mechanical structures for electrical and electronic equipment - Outdoor enclosures - Part 3: Environmental requirements, tests and safety aspects, 08/05/2022

Fibre optics (TC 86)

- 86B/4613/CD, IEC 60875-1 ED7: Fibre optic interconnecting devices and passive components - Non-wavelength-selective fibre optic branching devices - Part 1: Generic specification, 08/05/2022
- 86B/4616/CD, IEC 61300-3-46 ED2: Fibre optic interconnecting devices and passive components Basic test and measurement procedures Part 3-46: Measurement Bore diameter in MT ferrules, 08/05/2022
- 86B/4617/CD, IEC 61753-082-02 ED1: Fibre optic interconnecting devices and passive components performance standard - Part 082-02: Pigtailed single-mode fibre optic 1,31/1,55 m WWDM devices for category C - Indoor controlled environment, 08/05/2022
- 86C/1799/CD, IEC 62149-3 ED4: Fibre optic active components and devices - Performance standards - Part 3: Modulatorintegrated laser diode transmitters for 40-Gbit/s fibre optic transmission systems, 08/05/2022

Flat Panel Display Devices (TC 110)

110/1432/FDIS, IEC 63145-1-2 ED1: Eyewear display - Part 1-2: Generic - Terminology, 06/24/2022

Fluids for electrotechnical applications (TC 10)

- 10/1176/CD, IEC 60567 ED5: Oil-filled electrical equipment -Sampling of gases and analysis of free and dissolved gases -Guidance, 08/05/2022
- 10/1177/CD, IEC 61203 ED2: Synthetic organic esters for electrical purposes - Guide for maintenance of transformer esters in equipment, 08/05/2022
- 10/1178/CD, IEC 62770 ED2: Fluids for electrotechnical applications Unused natural esters for transformers and similar electrical equipment, 08/05/2022

Fuel Cell Technologies (TC 105)

105/912/FDIS, IEC 62282-4-101 ED2: Fuel cell technologies -Part 4-101: Fuel cell power systems for electrically powered industrial trucks - Safety, 06/24/2022

Industrial-process measurement and control (TC 65)

- 65C/1168(F)/FDIS, IEC 61139-2 ED1: Industrial networks -Single-drop digital communication interface - Part 2: Functional safety extensions, 06/03/2022
- 65/925/CDV, IEC 63278-1 ED1: Asset Administration Shell for industrial applications - Part 1: Asset Administration Shell structure, 08/05/2022
- 65/929/CD, IEC TS 62443-6-1 ED1: Security evaluation methodology for IEC 62443 - Part 2-4: Security program requirements for IACS service providers, 08/05/2022

Instrument transformers (TC 38)

38/702/CDV, IEC 61869-1 ED2: Instrument transformers - Part 1: General requirements, 08/05/2022

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

- 113/675/CD, IEC TS 62565-3-5: Nanomanufacturing Material specifications Part 3-5: Graphene Blank detail specification: Powders and powders in dispersion, 08/05/2022
- 113/674/DTS, IEC TS 62607-2-5 ED1: Nanomanufacturing – Key control characteristics – Part 2-5: Carbon nanotube materials – Density of vertically-aligned carbon nanotubes: X-ray absorption method, 08/05/2022

Performance of household electrical appliances (TC 59)

59N/20/NP, PNW 59N-20 ED1: Household and similar electrical air cleaning appliances - Methods for measuring the performance - Part 2-3: Particular requirements for reduction of microorganisms, 08/05/2022

Power electronics (TC 22)

22F/687/CD, IEC 62501 ED2: Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission - Electrical testing, 08/05/2022

Safety of Electronic Equipment within the Field of Audio/Video, Information Technology and Communication Technology (TC 108)

- 108/772/CD, IEC 63315 ED1: AUDIO/VIDEO, INFORMATION AND COMMUNICATION TECHNOLOGY EQUIPMENT - SAFETY - DC power transfer between ICT equipment ports using ICT cabling at - 60 Vd.c., 08/05/2022
- 108/773/CD, IEC 63316 ED1: AUDIO/VIDEO, INFORMATION AND COMMUNICATION TECHNOLOGY EQUIPMENT - SAFETY - Power transfer between Communications equipment ports using Communications cabling at - 60 Vd.c. and AC, 08/05/2022

Safety of household and similar electrical appliances (TC 61)

- 61C/888/CD, IEC 60335-2-24 ED9: Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers, 08/05/2022
- 61C/885/CD, IEC 60335-2-89 ED4: Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances and icemakers with an incorporated or remote refrigerant unit or motor-compressor, 08/05/2022

Secondary cells and batteries (TC 21)

21A/791/CDV, IEC 61951-1/AMD1 ED4: Secondary cells and batteries containing alkaline or other non-acid electrolytes -Secondary sealed cells and batteries for portable applications -Part 1: Nickel-Cadmium, 08/05/2022

Solar photovoltaic energy systems (TC 82)

82/2051/NP, PNW 82-2051 ED1: Photovoltaic power generating systems connection with grid - Testing of power conversion equipment - Part 5: Power Quality and EMC, 08/05/2022

Standard voltages, current ratings and frequencies (TC 8)

- 8B/117/DTS, IEC TS 62898-3-3 ED1: Microgrids Part 3-3: Technical requirements – Self-regulation of dispatchable loads, 08/05/2022
- 8C/45/NP, PNW 8C-45 ED1: Criteria for capacity allocation in interconnection links of electric power systems, 08/05/2022

Switchgear and controlgear (TC 17)

17/1124/FDIS, IEC 62271-4 ED2: High-voltage switchgear and controlgear - Part 4: Handling procedures for gases for insulation and/or switching, 06/24/2022

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

121B/151/CDV, IEC 61439-4 ED2: Low-voltage switchgear and controlgear assemblies - Part 4: Particular requirements for assemblies for construction sites (ACS), 08/05/2022

(TC)

- JTC1-SC25/3094/CD, ISO/IEC 11801-1/AMD1 ED1: Amendment 1 - Information technology - Generic cabling for customer premises - Part 1: General requirements, 08/05/2022
- JTC1-SC41/288/FDIS, ISO/IEC 30142-2 ED1: Internet of Things (IoT) - Underwater acoustic sensor network (UWASN) - Network management system - Part 2: Underwater management information base (u-MIB), 07/08/2022
- JTC1-SC41/279/CDV, ISO/IEC 30179 ED1: Internet of Things (IoT) - Overview and general requirements of IoT system for ecological environment monitoring, 08/05/2022

SyCLVDC/125/NP, PNW TS SYCLVDC-125 ED1: Systems Reference Document (SRD) Use Case Collection and Analysis: LVDC Systems for Public Electricity Distribution and distribution microgrids, 08/05/2022

Wearable electronic devices and technologies (TC 124)

124/183/CD, IEC 63203-204-2 ED1: Wearable electronic devices and technologies - Part 204-2: Electronic textile - Test method to characterize electrical resistance change in knee and elbow bending test of e-textile system, 08/05/2022

Newly Published ISO & IEC Standards



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

ISO Standards

Agricultural food products (TC 34)

ISO 8196-3:2022, Milk - Definition and evaluation of the overall accuracy of alternative methods of milk analysis - Part 3: Protocol for the evaluation and validation of alternative quantitative methods of milk analysis, \$200.00

Anaesthetic and respiratory equipment (TC 121)

ISO 23372:2022, Anaesthetic and respiratory equipment - Air entrainment devices, \$73.00

Biological evaluation of medical and dental materials and devices (TC 194)

ISO 10993-18:2020/Amd 1:2022, Biological evaluation of medical devices - Part 18: Chemical characterization of medical device materials within a risk management process -Amendment 1: Determination of the uncertainty factor, \$20.00

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

ISO 21474-2:2022, In vitro diagnostic medical devices - Multiplex molecular testing for nucleic acids - Part 2: Validation and verification, \$111.00

Corrosion of metals and alloys (TC 156)

ISO 12696:2022, Cathodic protection of steel in concrete, \$225.00

Dentistry (TC 106)

ISO 18675:2022, Dentistry - Machinable ceramic blanks, \$149.00

Floor coverings (TC 219)

ISO 4760:2022, Laminate flooring - Topical moisture resistance -Assembled joint, \$149.00

Industrial automation systems and integration (TC 184)

ISO 8000-150:2022, Data quality - Part 150: Data quality management: Roles and responsibilities, \$175.00

Information and documentation (TC 46)

ISO 30302:2022, Information and documentation - Management systems for records - Guidelines for implementation, \$175.00

Iron ores (TC 102)

ISO 7992:2022, Iron ores for blast furnace feedstocks -Determination of reduction under load, \$73.00

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

ISO 24200:2022, Petroleum, petrochemical and natural gas industries - Bulk material for offshore projects - Pipe support, \$200.00

Mechanical testing of metals (TC 164)

ISO 16808:2022, Metallic materials - Sheet and strip -Determination of biaxial stress-strain curve by means of bulge test with optical measuring systems, \$149.00

Mechanical vibration and shock (TC 108)

ISO 21940-14:2012/Amd 1:2022, Mechanical vibration - Rotor balancing - Part 14: Procedures for assessing balance errors -Amendment 1, \$20.00

Nuclear energy (TC 85)

ISO 23018:2022, Group-averaged neutron and gamma-ray cross sections for radiation protection and shielding calculations for nuclear reactors, \$73.00

Optics and optical instruments (TC 172)

ISO 17123-6:2022, Optics and optical instruments - Field procedures for testing geodetic and surveying instruments -Part 6: Rotating lasers, \$175.00

Personal safety - Protective clothing and equipment (TC 94)

ISO 12312-3:2022, Eye and face protection - Sunglasses and related eyewear - Part 3: Sunglasses for running, cycling and similar active lifestyles, \$73.00

Road vehicles (TC 22)

- ISO 4091:2003/Amd 1:2022, Road vehicles Connectors for the electrical connection of towing and towed vehicles Definitions, tests and requirements Amendment 1, \$20.00
- ISO 5685:2022, Road vehicles Testing the abrasion resistance of automotive glazing with the windscreen wiper test, \$175.00
- ISO 21234:2022, Road vehicles Heavy commercial vehicles and buses Mass moment of inertia measurement, \$111.00
- ISO 22139:2022, Heavy commercial vehicles and buses Test method for steering effort measurement when manoeuvring at low speed or with stationary vehicle, \$149.00
- ISO 23280:2022, Electrically propelled mopeds and motorcycles -Test method for evaluation of energy performance using motor dynamometer, \$149.00
- ISO 6469-2:2022, Electrically propelled road vehicles Safety specifications Part 2: Vehicle operational safety, \$73.00

Solid Recovered Fuels (TC 300)

ISO 21646:2022, Solid recovered fuels - Sample preparation, \$225.00

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

- ISO 9999:2022, Assistive products Classification and terminology, \$250.00
- ISO 16840-11:2022, Wheelchair seating Part 11: Determination of dissipation characteristics of sensible perspiration into seat cushions, \$73.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO 11783-13:2022, Tractors and machinery for agriculture and forestry - Serial control and communications data network - Part 13: File server, \$225.00

Traditional Chinese medicine (TC 249)

ISO 4154:2022, Traditional Chinese medicine - Sinomenium acutum stem, \$73.00

Valves (TC 153)

ISO 28921-1:2022, Industrial valves - Isolating valves for lowtemperature applications - Part 1: Design, manufacturing and production testing, \$175.00

ISO Technical Reports

Fire safety (TC 92)

ISO/TR 24679-8:2022, Fire safety engineering - Performance of structures in fire - Part 8: Example of a probabilistic assessment of a concrete building, \$149.00

Timber structures (TC 165)

ISO/TR 21141:2022, Timber structures - Timber connections and assemblies - Determination of yield and ultimate characteristics and ductility from test data, \$200.00

Transport information and control systems (TC 204)

ISO/TR 7872:2022, Intelligent transport systems - Mobility integration - Digital infrastructure service role and functional model for urban ITS service applications, \$149.00

ISO Technical Specifications

Fire safety (TC 92)

ISO/TS 19850:2022, Fire tests - Use of LED (light-emitting diode) as an alternative to white light for measuring smoke parameters, \$149.00

Traditional Chinese medicine (TC 249)

ISO/TS 6304:2022, Traditional Chinese medicine - Categorial structure for disorders, \$73.00

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 24244:2022, Automatic identification and data capture techniques - Bar code print quality test specification -Evolution of the grading and measurement of linear symbols in ISO/IEC 15416, \$73.00

ISO/IEC JTC 1, Information Technology

- ISO/IEC 17549-1:2022, Information technology User interface requirements and recommendations on menu navigation - Part 1: Framework, \$73.00
- ISO/IEC 20071-5:2022, Information technology User interface component accessibility - Part 5: Accessible user interfaces for accessibility settings on information devices, \$175.00
- ISO/IEC 29138-3:2022, Information technology User interface accessibility - Part 3: Requirements and recommendations on user needs mapping, \$149.00

International Electrotechnical Commission (IEC)

NEMA is relinquishing its role as the USNC TAG Administrator for the USNC TAG to IEC/TC 96. The USNC is looking for a new organization to take on this USNC TAG Administratorship.

Please note that according to the rules and procedures of the USNC, a USNC TAG cannot exist without a USNC TAG Administrator. If we cannot find a new USNC TAG Administrator, the USNC will have to withdraw from international participation and register with the IEC as a Non-Member of this Committee.

If an organization is interested in the position of USNC TAG Administrator for the USNC TAG to IEC/TC 96, they are invited to contact Betty Barro at bbarro@ansi.org by June 3, 2022.

USNC TAG Administrator - Organization Needed

TC 96 - Transformers, reactors, power supply units, and combinations thereof

Comment Deadline: June 3, 2022

Standardization in the field of safety, EMC, EMF, energy efficiency and environmental aspects of transformers, reactors, power supply units, and combinations thereof. The standardization does not cover transformers, reactors and power supply units intended to be a part of distribution networks (covered by TC 14).

TC 96 has group safety function in accordance with IEC Guide 104 for transformers other than those intended to supply distribution networks, in particular transformers and power supply units intended to allow the application of protective measures against electric shock as defined by TC 64, with no limitation of rated output power, but in certain cases including limitation of voltage.

The general limitations for voltages are:

- rated supply voltage not exceeding 1 000 V a.c.;

- rated output voltage not exceeding 1 000 V a.c. or 1 500 V ripple free d.c.; however, internal voltages may exceed 1 000 V a.c. or 1 500 V ripple free d.c. For high-voltage applications, other than distribution networks (covered by TC 14), the rated output voltage can exceed 1 000 V a.c. or 1 500 V ripple free d.c. but the no load output voltage shall not exceed 15 000 V a.c. or 15 000 V d.c.

The general limitations for the rated output are:

- The maximum rated output depends on the type of transformer or linear power supply unit does in most cases not exceed 25 kVA for single-phase products and 40 kVA for three phase products;

- the maximum rated output does not exceed 1 kVA for both single-phase and three phase Switch Mode Power Supplies;

- the general limitations for the rated core power are 25 kVA for single-phase auto transformers and 40 kVA for three phase auto transformers;

- the general limitations for the rated power are 50 kvar for single-phase reactors and 80 kvar for three phase reactors. For special transformers, reactors and power supply units and combinations thereof there are no limitation of rated output, rated core power and rated power.

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 281 – Fine bubble technology

Comment Deadline: May 27, 2022

ANSI has been informed that the International Sanitary Supply Association (ISSA), the ANSI-accredited U.S. TAG Administrator for ISO/TC 281 – Fine bubble technology, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 281 operates under the following scope:

Standardization in the field of Fine Bubble Technology covering general principles including terminology, characterization and applications of fine bubbles of gas in a typically but not exclusively liquid medium. The artificially manufactured fine bubbles of typically smaller than 100 micrometres in size are considered.

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

ISO Proposal for a New Field of ISO Technical Activity

Online catering service

Comment Deadline: June 10, 2022

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on Online catering service, with the following scope statement:

Standardization in the field of online catering service. The scope will include, but is not limited to:

Vocabulary, principles, and framework of online catering service,

• Guidelines for service of online catering service providers, including physical restaurants, virtual kitchens/virtual restaurants

• Contents and methods of meal display and information description on online catering service website/App, and accessible online ordering,

• Operation management of online catering service providers, including purchasing and inventory, marketing,

• Monitoring, evaluation, and improvement of service.

Excluded: Standardization covered by ISO/TC 34/SC 17(food safety management), ISO/TC 122(Packaging), ISO/TC 228/WG 16(Tourism and related services - Restaurants), ISO/TC 268/SC 2(Sustainable cities and communities - Sustainable mobility and transportation), ISO/TC 290(Online reputation) and ISO/TC 315(Cold chain logistics), and ISO/TC 326(Machinery intended for use with foodstuffs)

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (<u>isot@ansi.org</u>), with a submission of comments to Steve Cornish (<u>scornish@ansi.org</u>) by close of business on Friday, June 10, 2022.

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Smart Distribution in Logistics

Comment Deadline: June 3, 2022

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on Smart Distribution in Logistics, with the following scope statement:

The scope of the proposed new technical committee is to standardize services, techniques application and management in the field of distribution in logistics, specifically including the process of distributing goods from manufacturer or distributor to regional hub, distribution center, and ultimately to businesses such as urban retailers, and to improve the quality, safety and efficiency of distribution operations, and to enhance the stability, flexibility and sustainability of distribution in logistics.

The scope will include, but is not limited to;

• Development of general requirement, framework, metrics, guidance, performance indicator, evaluation for smart distribution in logistics, etc.;

• Provision of service assurance for smart distribution in logistics (e.g. smart operation of distribution center, freight fleet management, education and training for operators, etc.)

• Operation, service and synergy optimization of distribution in logistics (e.g. order processing, cargo consolidation, sorting, picking, storage, repackaging and protective handling, loading, unloading, capacity allocation, shipping, distribution, other customized services, etc.)

Excluded:

- ISO/TC 22 Road vehicles
- · ISO/TC 34 Food products
- · ISO/TC122 Packaging
- · ISO/TC 204 Intelligent transport systems
- · ISO/TC 268 Sustainable cities and communities
- · ISO/TC 315 Cold chain logistics
- ISO/TC 321 Transaction assurance in E-commerce

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (<u>isot@ansi.org</u>), with a submission of comments to Steve Cornish (<u>scornish@ansi.org</u>) by close of business on Friday, June 3, 2022.

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, regulatory agencies and standards developing organizations 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 proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat issues and makes available these notifications. 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 Inquiry Point for the WTO TBT Agreement is located at the National Institute of Standards and Technology (NIST) in the Standards Coordination Office (SCO). The Inquiry Point distributes the notified proposed foreign technical regulations (notifications) and makes the associated full-texts available to U.S. stakeholders via its online service, Notify U.S. Interested U.S. parties can register with Notify U.S. to receive e-mail alerts when notifications are added from countries and industry sectors of interest to them. To register for Notify U.S., please visit: http://www.nist.gov/notifyus/.

The USA WTO TBT Inquiry 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 available on Notify U.S. at: https://tsapps.nist.gov/notifyus/data/guidance/guidance.cfm prior to submitting comments.

For further information about the USA TBT Inquiry Point, please visit: https://www.nist.gov/standardsgov/what-we-do/trade-regulatory-programs/usa-wto-tbt-inquiry-point Contact the USA TBT Inquiry Point at (301) 975-2918; F: (301) 926-1559; E: usatbtep@nist.gov or notifyus@nist.gov.

ABYC H-24 July 20XX DRAFT

Hull Division Standard

Fuel & Ventilation Systems Project Technical Committee

The ABYC Standards and Technical Information Reports for Small Craft are the product of a consensus of representatives of government, industry, and public sectors. It is intended solely as a guide to aid manufacturers and the marine community in the design, construction, equipage, and maintenance of small craft.

ABYC reviews each standard at least every five years at which time it may be reaffirmed, revised, or withdrawn. ABYC welcomes any written comments on the standards and technical information reports.

ABYC H-24

GASOLINE (PETROL) FUEL SYSTEMS

ABYC H-24 5/2022 * * * **RESTRICTED USE** * * *

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24.5.3 The system and all components shall be capable of operation within an ambient temperature range from -40°F (-40° C) to 176°F (80°C) without failure or leakage.

BSR/IES RP-6-202x

6.3.1 Bullpen Lighting

When lighting a baseball (or softball) field, the lighting in the bullpen should be evaluated for adequacy. This is especially important when using LED luminaires, as the illumination does not typically reach very far from the field, compared with the reach of the light from an HID luminaire. Average maintained illuminance in bullpens should be a minimum of 50% of the outfield average illuminance; 70% is preferred. For example, a baseball outfield with 300 lx (30 fc) should have an average maintained illuminance in the bullpens of 150 to 210 lx (15 to 21 fc). It is especially important to evaluate bullpens where solid walls or overhead obstructions block contributions from the field luminaires, as they may require supplemental luminaires.

Revision to NSF/ANSI 245-2020 Issue 26, Revision 2 (May 2022)

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

NSF/ANSI Standard For Wastewater Technology –

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2 Normative references

The following documents contain requirements that, by reference in this text, constitute requirements of this Standard. At the time of publication, the indicated editions 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.

American Public Health Association (APHA) APHA/AWWA/WEF, Standard Methods for the Examination of Water and Wastewater, 21st Edition, 2005 23rd Edition, 2017 (hereinafter referred to as Standard Methods)¹

ANSI/AWS D.1.1/D1.1M:2015 2020, Structural Welding Code – Steel, with Errata²

ANSI/AWS D1.3/D1.3M:2018, Structural Welding Code – Sheet Steel, 5th Edition, with Errata²

NFPA 70, National Electrical Code (NEC), 2020³

NSF/ANSI 40, Residential Wastewater Treatment Systems

US EPA, Code of Federal Regulations (CFR), Title 40: Protection of Environment, July 1, 2020⁴

¹ American Public Health Association, American Water Works Association, and Water Environment Federation. <www.standardmethods.org>

² American Welding Society. 8669 NW 36 Street, #130, Miami, FL 33166-6672. <www.aws.org>

³ National Fire Protection Association. 1 Batterymarch Park, Quincy, MA 02169-7471. <www.nfpa.org>

⁴ US Government Publishing Office. 732 North Capitol Street NW, Washington, DC 20401. <www.govinfo.gov/app/ collection/cfr>

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NSF/ANSI/CAN Standard for Drinking Water Additives –

Drinking Water System Components – Health Effects

Process media
7 Process media
7.2 Definitions
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7.2.16 regeneration: The periodic restoration of an adsorptive media (excluding activated carbon) back to useable form by employing a chemical regenerant to displace contaminants removed during the treatment process.

7.2.17 spent media: Media that has been in service and is no longer able to produce a desired effluent quality.

7.2.18 well packing material: Media placed in the anulus between the borehole and the screen or casing of a drinking water well. The media functions as a filter to keep fines from entering a well and improves the well hydraulic efficiency. It is typically used in wells completed in unconsolidated formations. The well packing material can also act as a formation stabilizer to maintain the integrity of the borehole for either completion or for the life of well.

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7.5 Extraction procedures

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7.5.3 Conditioning (backwashing)

POE system media receive conditioning as specified in Section 7.5.5.4.

7.5.3.1 Filtration, and adsorption, and well packing media

Revision to NSF/ANSI/CAN 61-2021 Issue 163 Revision 1 (May 2022)

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Wetted filtration, er adsorption, and well packing media (excluding diatomaceous earth, perlite, and PAC products, and other media of < 0.25 mm diameter) shall be placed in a conditioning chamber (a glass column with a minimum inner diameter of 2 in). The amount of media conditioned shall be sufficient to meet or exceed its specific weight per volume ratio (see Table 7.2) and to generate sufficient exposure water to complete the selected analyses. Reagent water shall be directed slowly upward through the conditioning system until the entire amount of media is flooded. The media shall then be backwashed at a flow rate that fluidizes the media or attains sufficient transport velocities to remove extraneous particulate matter; the maximum wetted media expansion rates for various process media products are indicated in Table 7.3. Filtration, and adsorption, and well packing media shall be subjected to the prescribed backwash for $30 \pm 2 \min$.

7.5.3.2 Diatomaceous earth, perlite, PAC, and other process media

Diatomaceous earth, perlite, PAC, and all other process media with functions other than filtration or adsorption shall not be conditioned unless the manufacturer's use instructions stipulate a specific conditioning protocol.

7.5.3.3 Special postconditioning procedures for sand and anthracite products

Upon completion of the backwash, 1% to 1.5% of the sand or anthracite column (by height) shall be scraped away and discarded.

- • 7.5.5 Exposure protocols
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7.5.5.4 POE system media

POE system media shall be exposed at a weight to volume ratio greater than or equal to the maximum value recommended by the manufacturer for the ratio of the weight of media (as shipped) per unit void volume (UVV) of a POE system.

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7.5.5.5 Well packing media

Immediately after completion of conditioning, the media sample shall be exposed in an appropriately sized vessel. The amount of media exposed per volume of exposure water (see Section 7.5.4.1) shall be sufficient to meet or exceed its specific weight per volume ratio found in Table 7.2 and to generate sufficient exposure water to complete the selected analyses. The contents of the vessel shall be mixed to ensure that the entire sample is in contact with the exposure water. The vessel shall be sealed with polytetrafluoroethylene (PTFE). The sample shall be exposed for three consecutive 24-h periods at 23 ± 2 °C (73 ± 4 °F), with exposure water decanted and discarded after the first and second 24-h periods, and exposure water decanted for analysis after the third 24-h period. The weight-to-volume ratio shall be recorded at the time of exposure and shall represent the evaluation dose.

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7.7 Normalization

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7.7.7 Well packing media

The concentration reported by the laboratory shall be normalized with the following equation:

normalized contaminant	=	laboratory contaminant	x	<u>media mass_f (mg)</u> V _{F(statistic)}	x	V _L media massi (mg)	x	V _{F(static)}
concentration		concentration		V F(statistic)		media mass _L (mg)	_	V _{F(flowing)}

Where:

media mass <i>⊧</i>	= mass of product under field
V_L	= volume of exposure water used during laboratory exposures conditions
media mass∟	= mass of product exposed during laboratory exposures
VF(static)	= volume of water to which the product is exposed under static conditions
V _{F(flowing)}	= minimum volume of water to which the product is exposed in the field under flowing
	conditions during a period of time equivalent to the laboratory evaluation

7.7.7.1 Assumptions for residential wells

Normalization factors for contaminants shall be calculated based on the following assumptions for residential wells (≤ 5 in diameter well casings):

- daily flow for a residential well is 681 L (180 gal) of water;
- screen and adjacent well packing material are 6.1 m (20 ft) in total linear feet, independent of total bore hole depth; and
- bore hole anulus surrounding the well casing has an average radius of 5.1 cm (2 in).

7.7.7.2 Assumptions for municipal and community wells

Normalization factors for contaminants shall be calculated based on the following assumptions for municipal and community wells (> 5 in diameter well casings):

- minimum daily flow for a well is 204,400 L (54,000 gal) of water, based on a pumping flow of 284 L (75 gal) per minute, and the pump operating 12 h per day;
- screen and adjacent well packing material are 6.1 m (20 ft) in total linear feet, independent of total bore hole depth; and
- bore hole anulus surrounding the well casing has an average radius of 7.6 cm (3 in).

BSR/UL 62852, Standard for Safety for Connectors for DC-Application in Photovoltaic **Systems - Safety Requirements and Tests**

1. First Edition of the UL IEC-Based Standard for Connectors for DC-Application in Photovoltaic Systems - Safety Requirements and Tests, UL 62852.

This standard applies to connectors of use in the d.c. circuits of photovoltaic systems according to class II of IEC 61140:2001 with rated voltages up to 1 500 V d.c. and rated currents up to 125 A per contact.

disengaged under voltage.

This standard also applies to connectors which are intended to be built-in or integrated in enclosures of devices for photovoltaic systems. This standard may be used as a guide for connectors in photovoltaic systems of classes 0 and III according to IEC 61140:2001 as well as for protection for Class II equipment intended for use at less than 50 V d.c. This document does not apply to connectors for data collection, tracker controls or similar, but it may be used as a guide for those connectors.

1DV DR Modification by adding the following:

This standard covers PV connectors whose dimensions are not defined in any national or international technical standard. Connectors are identified and tested with compatible mating part (or parts if multiple exist) and are to be of the same brand, unless multiple product manufacturers are submitting under the same evaluation for the purpose of proving intermatability.

5.18 Clearances and creepage distances

5.18DV D2 Addition of the following to include an option from UL 6703:

For Clauses 5.18.1 to 5.18.3, the following options apply:

- Comply with the requirements in this standard, or a)
- UL convitanted material Comply with Section 6.2, Insulating Material, and Section 7, Spacings, of UL 6703. b)

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BSR/UL 60079-46, Recommended Practice for Explosive Atmospheres – Part 46: **Equipment Assemblies**

1. Revisions to Clauses 3.4ADV and 6.2DV per responses to comments received on Proposal dated March 18, 2022.

PROPOSAL

UL COPYIES

3.4ADV DR Addition of 3.4ADV as follows:

manufacturer

organization, situated at a stated located location or locations, that carries out or controls such stages in the manufacture, assessment, handling and storage of a product that enables it to accept responsibility for continued compliance of the product with the relevant requirements and undertakes all obligations in that connection

 Image: Source: ISO/IEC 80079-34]

 6.24 Ignition hazard assessment

 6.2DV DE DR Modification of renumbered Clause 6.4 to Clause 6.2 to replace with the following:

 following:

The assembly manufacturer shall perform and document an assessment of all ignition hazards that might have been caused by the combination of the Ex Equipment in accordance with ISO 80079-36 UL 80079-36 for both non-electrical and electrical risks hazards. Additionally, a risk hazard assessment methodology specified by the end-user may also be performed.

The documentation shall address the risks ignition hazards as follows:

- ignition hazards directly related to the equipment assembly, and how they were mitigated in the equipment assembly;
- ignition hazards directly related to the equipment assembly, not mitigated in the equipment assembly, but able to be mitigated in the end-user site installation.

For ignition hazards that are not mitigated in the equipment assembly, but that are able to be mitigated in the end-user site installation, the equipment assembly certificate number shall be marked include the X" suffix in accordance with the marking requirements of IEC 60079-0 UL 60079-0 and the Specific Conditions of Use shall be listed on the certificate and in the instructions, with guidance included on the intended mitigation.

Ignition hazards for each item of Ex Equipment are addressed by the Ex Equipment certificates, and therefore need not be reassessed.

The verifier shall confirm that the assembly manufacturer has carried out an ignition hazard assessment and documented control measures and any residual risk hazards.
Standard: UL2 07 Standard Title: Standard for Safety for Refrigerant-Containing Components and Accessories. Nonelectrical

Date of Proposal: May 20, 2022 Comments Due: June 20, 2022

SUMMARY OF TOPICS

The following topics are being recirculated for your review:

sionfromult 1. Proposed revision to compliance options to include Standard Specification for without prior per Seamless Copper Tubes for Linesets – ASTM B1003-16

PROPOSAL

10B Refrigeration Line Sets

3A.29 LINE SETS, REFRIGERATION – Pipes or tubing carrying refrigerant and connected between a condenser and a remotely located evaporator. One line is the "suction line" (also known as the "return" or "vapor" line) which carries the cooler gas refrigerant from the evaporator to the compressor and the other line is the "liquid line" which carries the warmer liquid refrigerant from the condenser to the expansion device/evaporator. The suction line would typically be insulated and have a larger diameter than the liquid line. These pipes or tubing can be used in both refrigeration or air conditioning applications.

- 10B.1 Copper or steel tubing oppiping intended for use as a refrigeration line set shall:
 - a. Be subject to the relevant tests in Sections 12 14; or

b. For Be copper tubes intended for Air Conditioning, with an operating a rated pressure not intended to exceed 700 psig (4.83 MPa) at 250° F (121°C) and an operating temperature not intended to exceed 250°F (121°C), comply with Standard Specification for Seamless Copper Tubes for Linesets, ASTM B1003-16-and be permanently marked with the name or trademark of manufacturer. ASTM B1003, 700 psi, 250 °F; or



- 1) Standard Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service, ASTM B280-18; Table 1: "Standard Dimensions and Weights, and Tolerances in Diameter and Wall Thickness for Straight Lengths", for straight lengths of copper tubing; or
- 2) ASTM B280-18; Table 2: "Standard Dimensions and Weights, and Tolerances in Diameter and Wall Thickness for Coil Lengths", for coil copper tubing; or

- Nominal Pipe Size (NPS), Schedule 80, for steel pipe; or
- 4) NPS, Schedule 40 for steel pipe intended for use only with refrigerants designated as Group A1 in accordance with the Standard for Designation and Safety Classification of Refrigerants, ANSI/ASHRAE 34; or
- 5) Standard Specification for Seamless Copper Pipe, Standard Sizes, ASTM B42-15a; Table 3, "Standard Dimensions, Weights, and Tolerances", for copper pipe; or
- 6) Standard Specification for Seamless Copper Water Tube, ASTM B88-16.; Table 1, "Dimensions, Weights, and Tolerances in Diameter and Wall Thickness for Nominal or Standard Copper Water Tube Sizes, for type K

<text> 22.14 - In addition to complying with the relevant requirements within this section, copper tubing complying with ASTM B1003-16 as specified in 10B 1(b) shall be permanently marked with the phrase "ASTM B1003" along with the tubing rated pressure and temperature. The marked value for the pressure rating shall not exceed 700 psig (4.83

BSR/UL 498, Standard for Attachment Plugs and Receptacles

1. Revision to Summary of Tests – Receptacles (Table 59.4) and editorial corrections

PROPOSAL

Table 59.1 Summary of tests General grade attachment plugs

	OAL		
	G	Tat Summa eneral grade	ole 59.1 ary of tests attachment plugs
Section	Test Sequences	No. of devices ^a	Details of this ste
<u>64</u>	Moisture Absorption Resistance	3	Conducted on vulcanized fibre <u>fiber</u> , fuseholders and insulating backplates. Use insulating material portion of device only.

with Table 59.2 Summary of tests Inlets (motor attachment plugs) 6

Section	Test sequences	No. of devicesª	Details
<u>64</u>	Moisture Absorption Resistance	6 of ful	Conducted on vulcanized fibre <u>fibe</u> r, fuseholders and insulating backplates. Use insulating material portion of device only.
	Notauth	ofitt ^e Tak Summa Cord c	ble 59.3 ary of tests connectors
Section	Test converses	No. of	Dataila

Table 59.3 Summary of tests Cord connectors

Sec	tion	Test sequences	No. of devices ^a	Details
<u>6</u>	4	Moisture Absorption Resistance	3	Conducted on vulcanized <u>fibre</u> <u>fiber</u> , fuseholders and insulating backplates. Use insulating material portion of device only.
UI-cop?			Tat Summa	ble 59.4 ary of tests

Table 59.4 Summary of tests Receptacles

Section	Test sequences	No. of devices	Details
64	Moisture Absorption	3	Conducted on vulcanized fibre <u>fiber</u> , fuseholders and insulating backplates. Use

Section	Test sequences	No. of devices	Details
	Resistance		insulating material portion of device only.
<u>128A</u>	<u>Spring Action</u> <u>Clamp Terminal</u> <u>Pull Test</u>	<u>12</u>	6 samples wired with the largest conductor size 6 samples wired with the smallest conductor size. For devices intended for both solid and stranded conductor size, 3 samples using solid and the remaining 3 samples using stranded conductor All terminals.
165	Dielectric Votlage <u>Voltage</u> Withstand	Same 6	Flush receptacle provided with a rotatable outlet or outlets.

Table 59.6 Summary of tests Current taps

Section	Test sequence	No. of devicesª	Details	
<u>64</u>	Moisture Absorption Resistance	offic 3	Conducted on vulcanized fibre fiber, fuseholders and insulating backplates. Use insulating material portion of device only.	
Table 59.7 Summary of tests Flatiron and appliance plugs				
0			Detaile	

Table 59.7 Summary of tests Flatiron and appliance plugs

	Section	Test sequences	No. of devices a	Details
5	6 <u>64</u>	Moisture Absorption Resistance	3	Conducted on vulcanized fibre fiber, fuseholders and insulating backplates. Use insulating material portion of device only.

2. Revision to Supplement SE: Temperature Measurements of Branch Circuit **Outlet Contacts**

PROPOSAL

<u>SE10.4 Temperature measurement of the branch circuit outlet contacts under full load is</u> not necessary.

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BSR/UL 746A, Standard for Polymeric Materials – Short Term Property Evaluations

1. Revision of Item c) of Paragraph 9.9.2

PROPOSAL

9.9.2 Table 9.1 indicates the properties that are to be considered leading indicators when evaluating polymer variations. Depending on the results of side-by-side testing based on the test program shown in Table 9.2, the following scenarios may be obtained:

a) Comparable results:

All ratings from the original formulation may be extended to the variation. The variation evaluated can be used with either the same or a new designation.

b) Better results:

All ratings from the original formulation may be extended to the variation. The variation evaluated can be only used under a new designation.

Exception: In cases where testing of a polymer variation shows better results, the material may retain the same designation and be assigned better ratings if both of the following conditions are met:

1) Full side by side testing of all critical properties is conducted in accordance with Program Code C of Table 9.2, and

2) None of the other tested properties are adversely affected.

c) Not all results are comparable and there is no indication for Code D in Table 9.1:

With the exception of relative thermal indices (RTI), no rating shall be extended to the variation unless determined through direct testing. The variation evaluated can be only used under a new designation.

Exception: In cases where the UL 94 flame classification on the original formulation having elevated RTI changes from HB to V-0/V-1/V-2, the variation shall be evaluated for retention of flame retardancy at T2°C or T3°C used during the original investigation evaluation by a 2000 hours heat-aging test for the actual end-of-life time of any of the primary properties in the original evaluation or 2000 hours, whichever is shorter.

d) Not all results are comparable and there is an indication for Code D in Table 9.1:

No rating shall be extended to the variation unless determined through direct testing. The variation evaluated can be only used under a new designation.

Results are considered comparable if:

1. The PLC ratings (for the applicable tests) are the same or the test result of the Polymer Variation is within ± 10 % of the test result obtained for the original formulation.

2. The UL 94 flammability ratings are the same, and

3. The UL 746B RTI values based on LTTA testing, if applicable, comply with Section 19 of UL 746B for related materials.

Exception: Regarding Item 1, for Tensile/Flexural/Impact strength, the test result of the Polymer Variation is within $\pm 15\%$ of the test result obtained for the original formulation. , Poj , than 32 , than 32 , than 32 , than 32 , the set of the set For Glow-Wire Ignition Temperature (GWIT), the test result of the Polymer Variation is not more than 25°C (77°F) up to 900°C (1652°F) and not more than 30°C (86°F)

BSR/UL 2200, Standard for Stationary Engine Generator Assemblies

Topic 4. Generator Assemblies with Diesel Exhaust Systems (DEF)

PROPOSAL

51 Diesel Exhaust Fluid (DEF) Selective Catalytic Reduction (SCR)

51.3 Overflow of **DEF** <u>Diesel Exhaust Fluid (DEF)</u> from storage tanks or intermediate day tanks shall flow to ground or into a catch tank/reservoir and shall not contact electrical parts and exhaust system or collect in an engine compartment (for example, the exhaust manifolds).

51.4 The DEF SCR system shall be provided with either audible or visible pressure and temperature alarms that are monitored in a supervised location. The setpoints shall be identified by the manufacturer except that the upper limit pressure alarm shall not exceed the maximum working pressure marked on the unit and the upper limit temperature alarm not exceed the maximum temperature rating of the housing materials.

NOTE: A supervised location may be a remote monitoring location.

51.5 **DEF** <u>SCR</u> system housings that are subject to exhaust pressure during normal or abnormal operation shall be capable of withstanding a pressure equal to the highest of the following that is applicable:

a) One- and one-half times the pressure setting of any pressure-relief device maximum allowable back pressure of the engine and/or turbocharger; or

b) One- and one-half times the working pressure marked on the unit.

51.6 The DEF SCR system housing shall comply with Section 56, Exhaust Systems, and the housing materials shall be rated not less than $\frac{540^{\circ}C (1000^{\circ}F)}{1000^{\circ}F}$ the maximum exhaust temperature.

51.7 The <u>DEF</u> <u>SCR</u> systems shall be provided with suitable controls such as a watchdog timer, pressure and temperature alarms, and E-stop functionality.

51.8 The <u>DEF</u> <u>SCR</u> system shall be designed such that generator assemblies intended for use with Emergency Systems are not shut down in the event of a failure of the <u>DEF_SCR</u> system.

87A Pressure Test for Diesel Exhaust Fluid (DEF) Selective Catalytic Reduction (SCR) Systems

87A **T**o determine compliance with this test, the **DEF** SCR system housing shall not leak.

Topic 6. Revision to the Test Potential for Medium Voltage Circuits in Table 69.1 PROPOSAL

Rated line-to-	Dielectric withstand voltage, <i>U</i> d	Rated lightning impulse withstand voltage, <i>U</i> p	WYE connection Minimum CEV ^a	Delta connection Minimum CEV ^a
line voltage, <i>U</i> r	Vrms	kV (peak value)	* prior p	P
	Test voltage	Test voltage	kVrms	kVrms
Vrms	Common value		N.	
Column 1	Column 2	Column 3	Column 4	Column 5
0 – 750	1,000 V + (2 × rated voltage)	Not applicable	Not applicable	Not applicable
751 – 1,500	b	30	0.9	1.6
1,501 – 2,400	b	45	1.8	3.1
2,401 - 4,200	b	60	3.5	6.1
4,201 – 7,200	b	75	5.5	9.5
7,201 – 12,000	b tinon	85	8.5	14.7
12,001 – 13,800	ball	95	10.5	18.2
13,801 – 18,000	b	110	14	24.2
18,001 – 28,000	ette b	125	19	32.9
28,001 – 34,000	b	150	26.4	45.9
34,001 - 46,000	b	200	34	58.8
^a Corona-extinction	n voltage	200	34	0.00

Table 69.1	
ated insulation levels for rated vol	tage

(1000 V + 2 x rated voltage of the generator) may be applied.

Standard: UL 60745-2-3 Standard Title: Standard for Safety for Hand-Held Motor-Operated Electric Tools -Safety - Part 2-3: Particular Requirements for Grinders, Polishers and Disk-Type Sanders

Date of Proposal: May 20, 2022 Comments Due: June 20, 2022

spindle in accordance with the instructions.

The GRINDER shall be operated at rated voltage and no-load for a minimum of 5 min. The speed of the wheel is measured and recorded.

20.101.1DV D2 Deletion: Delete Rause 20.101.1DV of the Part 2:

Clause 20.101.1 DV does not apply. See Clause 20.101 DV.1 and 20.101 DV.2.

20.101.2 A wheel as specified in 20.101.1 shall be notched into four equal segments (quadrants). For wheel Types, 27, 28, 29, 41 and 42, the cut is directed from the outer edge radially towards the centre (see Figure 107). For wheel Types 6 and Type 11, the cut starts across the working surface towards the mounting end (see Figure 108).

The width of each notch shall not exceed 2,5 mm. The extend of the notches shall allow for the centrifugation forces to cause the wheel to disintegrate at a speed equal to or greater than either the speed established in 20.101.1 or 90% of the RATED SPEED of the **GRINDER**, whichever is higher. The notched grinding wheel is mounted to the spindle in accordance with the instructions.

NOTE The following Table 102 provides typical pre-cut length ranges for standard wheel dimensions.

Wheel type	Wheel dimensions (diameter × thickness × bore diameter)	Average burst speed	Pre-cut length range	
	mm	min ⁻¹	mm	
	115 × 6 × 22,23	10 200	37,6 to 39,6	
T	125 × 6 × 22,23	9 800	42,7 to 45,7	
Type 27	180 × 6 × 22,23	5 900	67,3 to 72,1 💉	
	230 × 6 × 22,23	5 700	83,3 to 93,5	
т	125 × 50 × 22,23	6 150	28	
Type 11	150 × 50 × 22,23	5 400	30	
T 4	125 × 25 × 16	6 950	462	
туре 1	155 × 25 × 16	5 800	57 to 60	

Table 102 - Typical pre-cut length ranges for standard wheel dimensions

20.101.2DV D2 Deletion: Delete Clause 20.101.2DV of the Part 2:

Clause 20.101.2DV does not apply. See Clause 20.101DV.1 and 20.101DV.2.

20.101.4 While monitoring the wheel speed with a tachometer, the voltage to the tool is gradually increased until the speed specified in 20.101.2 is achieved. If the wheel does not disintegrate, stop the **GRINDER**, increase the length of the pre-cuts and repeat the test above until the wheel bursts.

Dust, minor fragments and segments remaining in the guard are ignored. Most of the four major segments will be captured by the clay wall. If any of the major segments rebound from the clay, the segment's impression must be identified. Afterward, the segments of the wheel in the clay wall are removed.

NOTE Typically, the wheel will burst within 5 min.

0.101DV.2.

20.101.40V D2 Delete Clause 20.101.4DV of the Part 2: Clause 20.101.4DV does not apply. See Clauses 20.101DV.1 and

20.101.5 The guard and the fasteners or the guard's mounting hardware shall remain in place. Deformation, hairline cracks or scratches and gouges to the guard and mounting hardware are acceptable.

As a result of the wheel's disintegration, the guard shall not have rotated in the direction of the wheel rotation by more than 90° (see Figures 106A and 106B). If the guard

<text><text><text><text><text><text>

Public Review – ANSI FM 2510-2020

Edits shown in strike-through and underlined text.

3. GENERAL REQUIREMENTS

3.2 Physical or Structural Construction Features

3.2.1 **Flood Barriers for Opening Barrier and Perimeter Barrier Applications**

3.2.1.3 Flood glazing shall be constructed with <u>laminated reinforced</u> glass designed to crack but not shatter, when subjected to debris impact. The <u>flood glazing system</u> glass shall demonstrate the ability to withstand debris impact without compromising structural integrity while maintaining an acceptable amount of leakage.

4. **PERFORMANCE REQUIREMENTS**

4.1.12 Air-Oven Aging Tests of Nonmetallic Components and Gasket Adhesives

4.1.12.2 Test/Verification

For testing of gasket adhesives, samples shall consist of a representative portion of the barrier construction material to which the gasket is adhered to. A minimum length of 1 ft. (0.3 m) of gasket material, having the same design as that used on the product, shall be adhered to the representative barrier material. A minimum length of 1.5 in. (38 mm) from one end of the gasket shall be unadhered and hanging freely. A test apparatus consisting of a supporting frame, clamps, weights, and weight holders shall be used to secure the sample in a horizontal plane while gradually increasing weight applied to the free end of the gasket in the vertically downward direction. The supporting frame shall be such that specimens, with weight attached, are suspended vertically and hang freely. The applied weight at which the gasket begins to separate from the barrier material shall be recorded. Samples shall be tested before and after aging for verification that the requirement has been met.

Public Review – ANSI FM 4996-2019

Edits shown in strike-through and underlined text.

3.9 Formulation Changes

3.9.2 For formulation changes involving more than one major ingredient where flammability characterizations of the modified and previously tested components proposed formulation do not compare favorably, classification shall be based on all requirements of this standard, including full scale fire testing.