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CONTENTS

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Project Initiation Notification System (PINS)

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

AAMI (Association for the Advancement of Medical Instrumentation)

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Revision

BSR/AAMI ST77-202x, Containment devices for reusable medical device sterilization (revision of ANSI/AAMI ST77 -2013 (R2018))

Stakeholders: Medical device manufacturers, testing laboratories, regulatory agencies, health care sterile processing functions.

Project Need: Standard needs to be updated to reflect current technology and practice.

Interest Categories: Industry, user, regulatory/government, general interest.

Scope: This standard covers minimum labeling and performance requirements for rigid sterilization container systems and for instrument cases, cassettes, and organizing trays.

AAMI (Association for the Advancement of Medical Instrumentation)

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National Adoption

BSR/AAMI/ISO 22441-202x, Sterilization of health care products - Low temperature vaporized hydrogen peroxide - Requirements for the development, validation and routine control of a sterilization process for medical devices (identical national adoption of ISO 22441:2022)

Stakeholders: Medical device manufacturers, sterilization equipment manufacturers, organizations responsible for sterilizing medical devices.

Project Need: There is currently no standard specific to low-temperature sterilization processes for medical devices using vaporized hydrogen peroxide (VH2O2) as the sterilizing agent.

Interest Categories: Industry, regulatory, general interest, user.

Scope: Provides requirements for the development, validation and routine monitoring and control of a low temperature sterilization process for medical devices using vaporized hydrogen peroxide (VH2O2) as the sterilizing agent. Intended to be applied by process developers, manufacturers of sterilization equipment, manufacturers of medical devices to be sterilized, organizations performing process validation of VH2O2 sterilization, and organizations responsible for sterilizing medical devices.

ADA (Organization) (American Dental Association)

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National Adoption

BSR/ADA Standard No. 119-202x, Dentistry - Manual Toothbrushes (identical national adoption of ISO 20126:2022 & ISO 22254:2005. and revision of ANSI/ADA Standard No. 119-2021)
Stakeholders: Manufacturers, dentists

Project Need: The current version of ANSI/ADA 119 contains ISO 20126:2012, ISO 20126:2012 Amd1:2018, and ISO 22254:2005. This revision will be an identical adoption of the ISO standards 20126:2022 and 22254:2005. The US voted for approval of ISO 20126:2022. This revision would essentially just replace the outdated version of ISO 20126 and the outdated amendment with the recently published version of ISO 20126. The main change in ISO 20126:2022 was the addition of an end-rounding test method and requirement.

Interest Categories: General Interest, consumer, producer

Scope: This document specifies requirements and test methods for the physical properties of manual toothbrushes in order to promote the safety of these products for their intended use. This document does not specify any requirements and test methods for the physical properties of toothbrushes for which all the cleaning elements in the head are elastomer.This document does not apply to manual single tuft toothbrushes, single use, interdental and powered oral hygiene devices..In addition, for the filaments end-rounding requirements, this document does not apply to particular filament types which are very thin (less than 0.1 mm outside diameter) or have no sharp edges (e.g. tapered, feathered, with split tips, or spherical cap) or non-synthetic filaments, where applying end-rounding process is inappropriate or impossible. Also specified is a test method for determining the resistance of the tufted portion of manualtoothbrushes to deflection. This test method is applicable to toothbrushes having a conventional,flat trim design and may not be applicable to toothbrushes with other designs.

ADA (Organization) (American Dental Association)

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National Adoption

BSR/ADA Standard No. 122-202x, Dentistry - Casting and Baseplate Waxes (identical national adoption of ISO 15854:2023 and revision of ANSI/ADA Standard No. 122-2022)
Stakeholders: Manufacturers, dentists

Project Need: ANSI/ADA 122:2022 Dentistry - Casting and Baseplate Waxes is an identical adoption of ISO 15854:2021. The U.S. TAG approved the revised ISO 15854:2023 which was updated to include waxes supplied for use in CAD/CAM procedures. Adopting the latest version of the ISO standard keeps U.S. standards up-to-date with global market needs.

Interest Categories: General Interest, consumer, producer

Scope: This document specifies the classification of and requirements for waxes used for dental casting (including products intended for CAD/CAM milling) using the lost-wax technique and dental baseplate preparation together with the test methods to be employed to determine compliance with these requirements

ADA (Organization) (American Dental Association)

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National Adoption

BSR/ADA Standard No. 134-202x, Dentistry - Metallic Materials for Fixed and Removable Restorations and Appliances (identical national adoption of ISO 22674:2022 and revision of ANSI/ADA Standard No. 134-2018)
Stakeholders: Manufacturers, dentists

Project Need: ANSI/ADA 134:2018 Metallic Materials for Fixed and Removable Restorations and Appliances is an identical adoption of ISO 22674:2016. The U.S. TAG participated in the development of ISO 22674:2022 and approved the revised document which was updated to include products produced using additive and subtractive manufacturing. Adopting the latest version of the ISO standard keeps U.S. standards up-to-date with global market needs.

Interest Categories: General Interest, consumer, producer

Scope: This document specifies requirements and test methods for metallic materials that are suitable for the fabrication of dental restorations and appliances. Included are metallic materials recommended for use either with or without a ceramic veneer, or recommended for both uses.

ADA (Organization) (American Dental Association)

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National Adoption

BSR/ADA Standard No. 190-202x, Dentistry - Single-use Dental Cartridges for Local Anaesthetics (national adoption of ISO 11499:2014 with modifications and revision of ANSI/ADA Standard No. 190-2020)
Stakeholders: Manufacturers, dentists

Project Need: The current standard ANSI/ADA 190:2020 is an identical adoption of ISO 11499:2014. Clause 4.7 Color coding, as written in these current standards, is causing confusion. The intent is to redefine color banding standard on single-use dental anesthetics to resolve any product confusion and increase patient safety.

Interest Categories: General Interest, consumer, producer

Scope: This standard gives specific performance requirements for single-use dental cartridges of 10 ml, 1.7 ml, 1.8 ml and 2.2 ml nominal capacity for use with local anesthetics. It specifies tests for leakage, plunger movement, extractable volume and underfilling, and lists general overall dimensions to ensure that the cartridge will fit dental cartridge syringes complying with ANSI/ADA 34 and ANSI/ADA 183.

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National Adoption

BSR/ADA Standard No. 89-202x, Dentistry - Dental Operating Lights (identical national adoption of ISO 9680:2021 and revision of ANSI/ADA Standard No. 89-2017)
Stakeholders: Manufacturers, dentists

Project Need: This document needs to be revised to bring it into conformance with ISO 9680:2021, which is a revision of the ISO standard which was adopted as ANSI/ADA No. 89:2017.

Interest Categories: General Interest, consumer, producer

Scope: This document specifies requirements and test methods for operating lights used in the dental office and intended for illuminating the oral cavity of patients. It also contains specifications on the instructions for use, marking and packaging. This document applies to operating lights, irrespective of the technology of the light source. This document excludes auxiliary light sources, for example, from dental handpieces and dental headlamps and also operating lights which are specifically designed for use in oral surgery.

ASME (American Society of Mechanical Engineers)

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Revision

BSR/ASME VVUQ 40-202x, Assessing Credibility of Computational Modeling and Simulation Results through Verification, Validation, and Uncertainty Quantification: Application to Medical Devices (revision and redesignation of ANSI/ASME V&V 40-2018)
Stakeholders: Users, manufacturers, designers, laboratories, academia, consultants, medical, and government.

Project Need: Revise the Standard to bring it up to date with current business practices, specially in the following areas: (1) refinement of various gradations around specific credibility factors related to verification or validation; (2) recognition of and/or harmonization with key concepts in a recently published draft guidance from the US FDA related to model credibility; (3) consideration of multiple comparators and/or clinical comparators.

Interest Categories: AB-Designer, AD-Distributor, AF-General Interest, AI-Laboratory, AS-Producer, AT-Regulatory, AU-Consultant, AW-User

Scope: The scope of the Standard encompasses physics-based computational models used for medical device applications. This Standard augments other standards that present V&V methodologies, such as ASME V&V 10 and ASME V&V 20. Therefore, this Standard is intended for the practitioner who is familiar with V&V terminology. It does not present a method for incorporating user expertise or modeler pedigree, nor does it describe the specific V&V activities and rigor that are needed to establish credibility for a particular application and/or device. Instead, this Standard presents a framework for the practitioner to make that assessment using sound engineering judgment. This Standard is not a step-by-step guide, nor is it intended to present a quantitative method for establishing model credibility. While the framework was developed specifically for medical devices, the V&V 40 Subcommittee considers this Standard to be general enough to be applied to other disciplines.

ASTM (ASTM International)

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New Standard

BSR/ASTM E814-202x, Test Method for Fire Tests of Penetration Firestop Systems (new standard)
Stakeholders: Fire Resistance Industry

Project Need: Firestop systems are intended for use in openings in fire-resistive walls and floors that are evaluated in accordance with Test Methods E119.

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

Scope: This test method is applicable to firestop systems of various materials and construction.

ASTM (ASTM International)

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New Standard

BSR/ASTM E1302-202x, Standard Guide for Acute Animal Toxicity Testing of Water-Miscible Metalworking Fluids (new standard)
Stakeholders: Health and Safety Standards for Metal Working Fluids Industry

Project Need: This guide defines acute animal toxicity tests and sets forth the references for procedures to assess the acute toxicity of water-miscible metalworking fluids as manufactured.

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

Scope: Application of this guide will provide information on the acute toxicity of water-miscible metalworking fluids and will assist the user in evaluating the potential health hazards of the fluid and developing appropriate work practices. A water-miscible metalworking fluid is a concentrate designed to be diluted in water for use.

ASTM (ASTM International)

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New Standard

BSR/ASTM E1497-202x, Standard Practice for Selection and Safe Use of Water-Miscible and Straight Oil Metal Removal Fluids (new standard)
Stakeholders: Health and Safety Standards for Metal Working Fluids Industry

Project Need: This practice sets forth guidelines for the selection and safe use of metal removal fluids, additives, and antimicrobials. This includes product selection, storage, dispensing, and maintenance.

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

Scope: Use of this practice will improve management and control of metal removal fluids. The proper management and use will reduce dermal and other occupational hazards associated with these fluids.

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New Standard

BSR/ASTM E2837-202x, Test Method for Determining the Fire Resistance of Continuity Head-of-Wall Joint Systems Installed Between Rated Wall Assemblies and Nonrated Horizontal Assemblies (new standard)
Stakeholders: Fire Resistance Industry

Project Need: This test method specifies the heating conditions, methods of test, and criteria to establish a fire resistance rating only for a continuity head-of-wall joint system.

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

Scope: This fire-test-response test method measures the performance of a unique fire resistive joint system called a continuity head-of-wall joint system, which is designed to be used between a rated wall assembly and a nonrated horizontal assembly during a fire resistance test.

ASTM (ASTM International)

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New Standard

BSR/ASTM F438-202x, Specification for Socket-Type Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40 (new standard)
Stakeholders: Fittings Industry

Project Need: The products covered by this specification are intended for use with the distribution of pressurized liquids only, which are chemically compatible with the piping materials.

Interest Categories: Producer, User, General Interest

Scope: This specification covers chlorinated poly(vinyl chloride) (CPVC) Schedule 40 socket-type pipe fittings. Included are requirements for materials, workmanship, dimensions, and burst pressure.

AWS (American Welding Society)

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Revision

BSR/AWS A5.28/A5.28M-202x, Specification for Low-Alloy Steel Electrodes and Rods for Gas Shielded Arc Welding (revision of ANSI/AWS A5.28/A5.28M-2022)
Stakeholders: Welding Industry

Project Need: Updating for new practices.

Interest Categories: User, Educator, Producer, General Interest, Distributor

Scope: This specification prescribes the requirements for classification of solid low-alloy steel electrodes and rods, composite stranded low-alloy steel electrodes and rods, and composite metal cored low-alloy steel electrodes and rods for gas shielded welding processes including gas metal arc welding, gas tungsten arc welding, and plasma arc welding. Classification is based on chemical composition of the electrode for solid electrodes and rods, chemical composition of weld metal for composite stranded and composite metal cored electrodes and rods and the as-welded or postweld heat treated mechanical properties of the weld metal for each. Additional requirements are included for manufacture, sizes, lengths and packaging. Optional supplemental designators are also included for lower temperature toughness requirements, diffusible hydrogen limits, reduced Mn + Ni levels in Cr-Mo compositions, and shielding gas ranges. A guide is appended to the specification as a source of information concerning the classification system employed and the intended use of the electrodes and rods. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these units are not equivalent, each system must be used independently of the other.

AWS (American Welding Society)

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Revision

BSR/AWS A5.29/A5.29M-202x, Specification for Low-Alloy Steel Electrodes for Flux Cored Arc Welding (revision of ANSI/AWS A5.29/A5.29M-2022)
Stakeholders: Welding Industry

Project Need: Updating for new practices.

Interest Categories: User, Educator, Producer, General Interest, Distributor

Scope: This specification prescribes the requirements for classification of low-alloy steel electrodes for flux cored arc welding. The requirements include chemical composition and mechanical properties of the weld metal and certain usability characteristics. Optional supplemental designators are also included for improved toughness, diffusible hydrogen, and shielding gas range. Additional requirements are included for standard sizes, marking, manufacturing, and packaging. A guide is appended to the specification as a source of information concerning the classification system employed and the intended use of low-alloy steel flux cored electrodes. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these are not equivalent, each system must be used independently of the other.

AWS (American Welding Society)

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Revision

BSR/AWS C3.6M/C3.6-202x, Specification for Furnace Brazing (revision of ANSI/AWS C3.6M/C3.6-2022 AMD2)
Stakeholders: Engineers, Furnace Brazers, Quality Controllers

Project Need: To provide the minimum fabrication, equipment, and process procedure requirements, as well as inspection requirements for furnace brazing.

Interest Categories: User, Educator, Producer, General Interest

Scope: This specification provides the minimum fabrication, equipment, material, process and procedure requirements, as well as inspection requirements for the furnace brazing of steels, copper, copper alloys, and heat- and corrosion-resistant alloys and other materials that can be adequately furnace brazed (the furnace brazing of aluminum alloys is addressed in AWS C3.7M/C3.7, Specification for Aluminum Brazing). This specification provides criteria for classifying furnace brazed joints based on loading and the consequences of failure and quality assurance criteria defining the limits of acceptability in each class. This specification defines acceptable furnace brazing equipment, materials, and procedures, as well as the required inspection for each class of joint.

AWS (American Welding Society)

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Revision

BSR/AWS C3.7M/C3.7-202x, Specification for Aluminum Brazing (revision of ANSI/AWS C3.7M/C3.7-2011 (R2021))

Stakeholders: Aerospace and commercial brazing operations

Project Need: To provide specific fabrication, equipment, material, process procedure and inspection requirements for the brazing of aluminum.

Interest Categories: User, Educator, Producer, General Interest

Scope: This specification presents the minimum fabrication, equipment, material, process procedure, and inspection requirements for the brazing of aluminum by all of the processes commonly used—atmosphere furnace, vacuum furnace, and flux processes. Its purpose is to standardize aluminum brazing requirements for all applications in which brazed aluminum joints of assured quality are required. It provides criteria for classifying aluminum brazed joints based on loading and the consequences of failure and quality assurance criteria defining the limits of acceptability of each class.

AWS (American Welding Society)

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Revision

BSR/AWS D14.9/D14.9M-202x, Specification for the Welding of Hydraulic Cylinders (revision of ANSI/AWS D14.9/D14.9M-2022)

Stakeholders: Manufacturers of equipment and machinery with hydraulic cylinder components.

Project Need: Updating for new practices for suppliers of hydraulic cylinder components.

Interest Categories: User, Educator, Producer, General Interest

Scope: This specification provides standards for the design and manufacture of pressure containing welded joints and structural welded joints used in the manufacture of hydraulic cylinders. Manufacturer's responsibilities are presented as they relate to the welding practices that have been proven successful within the industry in the production of hydraulic cylinders. Included are clauses defining procedure qualification, performance qualification, workmanship and quality requirements as well as inspection requirements and repair requirements.

CSA (CSA America Standards Inc.)

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Revision

BSR/CSA C22.2 No. 298-202x, High Voltage Couplers (revision of ANSI/CSA C22.2 No. 298-2021)
Stakeholders: Manufacturers, users, certification agencies, regulators

Project Need: This is an amendment to update some clauses in the current edition.

Interest Categories: General interest, Producer interest, User interest, Regulatory agencies

Scope: 1.1 This Standard applies to locking-type, pin and sleeve type plugs, receptacles, power inlets, connectors, junction boxes, and live-end covers rated up to 1200 A (for single- and multi-pole) and above 750 V to 35 kV ac, 50/60 Hz or up to 1500 V dc and which shall have one or more pilot contacts for multi-pole configuration and above 750 V to 1000 V ac or dc for single pole configuration. These devices are intended to provide portable power from branch circuits, or are for direct connection to the branch circuit in accordance with the Canadian Electrical Code, Part I, or National Electrical Code (NEC) using portable power cables with copper conductors, for use in either indoor or outdoor, nonhazardous locations. 1.2 The products covered in this Standard are commonly, but not exclusively, used in the following applications: a) open pit mining; b) underground mining; c) tunneling; d) shore to ship power; e) portable power equipment; f) general industrial use; and g) drilling.

GISC (ASC Z97) (Glazing Industry Secretariat Committee)

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Revision

BSR Z97.1-202x, Standard for Safety Glazing Materials used in Buildings - Safety Performance Specifications and Methods of Test (revision of ANSI Z97.1-2015 (R2020))
Stakeholders: Consumer, glass fabricators, glazing component suppliers, furniture manufacturers, glazing consultants, glaziers, specifiers, architects, structural and safety engineers.

Project Need: Keep standard current with product use related to safety glazing.

Interest Categories: User, General Interest, Testing, Lab Fabricator/Distributor, Component, Manufacturer

Scope: Review and potentially update sections of the standard that are impacted by new methodologies, technologies, documentation or industry uses of glass and glazing in buildings.

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

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New Standard

INCITS 576-202x, Information Technology - Fibre Channel – Non-Volatile Memory Express - 3 (FC-NVMe-3) (new standard)
Stakeholders: ICT Industry - Consumers and developers of Fibre Channel devices and systems benefit from this standard through a wider variety of value propositions in products available on the open market.

Project Need: The proposed project provides a compatible evolution of the Fibre Channel – Non-Volatile Memory Express - 2 standard.

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Scope: Recommends the development of a set of technical additions and clarifications to INCITS 556-2020, Fibre Channel – Non-Volatile Memory Express - 2 (FC-NVMe-2). Included within this scope are: a) Accommodate updates to NVM Express; b) enhancements to the protocol; c) corrections and clarifications, and d) any other item as deemed necessary during development.

NECA (National Electrical Contractors Association)

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Revision

BSR/NECA 111-202X, Standard for Installing Nonmetallic Raceways (RNC, ENT, LFNC) (revision of ANSI/NECA 111-2017)
Stakeholders: Electrical Contractors and their Customers, Inspectors, Specifiers, Electricians, Engineers

Project Need: National Electrical Installation Standards (developed by NECA in partnership with other industry organizations) are the first performance standards for electrical construction. They go beyond the basic safety requirements of the National Electrical Code to clearly define what is meant by installing products and systems in a "neat and workmanlike" manner.

Interest Categories: Construction, General Interest, Producer, Government

Scope: This Standard describes installation procedures for nonmetallic raceways of circular cross-section used for electrical power wire and cable, communications wiring, or fiber optic cables.

NEMA (ASC C119) (National Electrical Manufacturers Association)

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Revision

BSR/NEMA CC 1-202x, Electric Power Connection for Substations (revision of ANSI/NEMA CC 1-2018)
Stakeholders: Connector manufacturers, electrical Utilities, substation designers

Project Need: Routine review of document.

Interest Categories: Users, Producers, and General Interest members

Scope: This Standard covers uninsulated connectors and bus supports that are made of metal and intended for use with conductors or bus made of copper or aluminum alloy and found in substations. Connectors that are supplied in equipment are covered by the equipment Standards and are excluded from this Standard.

NENA (National Emergency Number Association)

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New Standard

BSR/NENA STA-006.3-202x, NENA Standard for NG9-1-1 GIS Data Model (new standard)
Stakeholders: Local, state & federal GIS & mapping data authorities in the USA and Canada. 9-1-1 Authorities at County, regional, and state levels, GIS & mapping industry developers and vendors.

Project Need: Standardize structure of GIS data used within NG9-1-1 Core Services and the Spatial Interface.

Interest Categories: Users, Producers, and General Interest

Scope: This work will review and update the current NENA Standard for NG9-1-1 GIS Data Model to resolve discrepancies between the GIS Data Model and NENA-STA-010.3, NENA i3 Standard for Next Generation 9-1-1. It will also address additional requirements identified by other NENA Working Groups (i.e., CLDXF v2, CLDXF-CA, 3D GIS Requirements) that are needed to support the requirements of their documents. These changes are needed for NG9-1-1 to operate seamlessly and be interoperable with all agencies and responders across the US and Canada.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 70B-202x, Standard for Electrical Equipment Maintenance (revision of ANSI/NFPA 70B-2019)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications

Scope: This standard covers the preventive maintenance of electrical, electronic, and communications systems and equipment.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 261-202x, Standard Method of Test for Determining Resistance of Mock-Up Upholstered Furniture Material Assemblies to Ignition by Smoldering Cigarettes (revision of ANSI/NFPA 261-2023)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications

Scope: 1.1 Scope. 1.1.1* This test shall apply to upholstered furniture mock-ups.

A.1.1.1 This test method was originally similar to that described in ASTM E1352, Standard Test Method for Cigarette Ignition Resistance of Mock-Up Upholstered Furniture Assemblies. When the use of reduced ignition propensity cigarettes became required in the United States, this test method (NFPA 261) changed its ignition source and started using a cigarette developed by NIST (SRM 1196). The cigarette ignition potency of SRM 1196 cigarettes [as assessed by NIST (Gann and Hnetkovsky 2009) using a method close to that in ASTM E2187, Standard Test Method for Measuring the Ignition Strength of Cigarettes] is similar to that of the ignition source used when the test method was developed initially and is much higher than that of reduced ignition propensity cigarettes (see also A.4.2). There is insufficient information as to the effect of a cigarette covered with fabric on ignition potency. Once the SRM 1196 cigarettes ceased being available, NIST procured equivalent cigarettes that are now designated as SRM 1196 series cigarettes. The 2016 edition of ASTM E1352 references the SRM 1196 cigarettes as the ignition source even though these cigarettes are no longer available.

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Revision

BSR/NFPA 262-202x, Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces (revision of ANSI/NFPA 262-2023)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications

Scope: 1.1 Scope. 1.1.1* This standard shall prescribe the methodology to measure flame travel distance and optical density of smoke for insulated, jacketed, or both, electrical wires and cables and optical fiber cables that are to be installed in plenums and other spaces used to transport environmental air without being enclosed in raceways.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 270-202x, Standard Test Method for Measurement of Smoke Obscuration Using a Conical Radiant Source in a Single Closed Chamber (revision of ANSI/NFPA 270-2023)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications

Scope: 1.1 Scope. 1.1.1 This is a fire-test-response standard.
1.1.2* This test method provides a means of measuring smoke obscuration resulting from subjecting essentially flat materials, products, or assemblies (including surface finishes) not exceeding 25 mm in thickness to specified levels of thermal irradiance from a conical heater, in a single closed chamber, in the absence or presence of a pilot flame, and when placed in a horizontal orientation.

NFPA (National Fire Protection Association)

Dawn Michele Bellis <dbellis@nfpa.org> | One Batterymarch Park | Quincy, MA 02169 www.nfpa.org

Revision

BSR/NFPA 274-202x, Standard Test Method to Evaluate Fire Performance Characteristics of Pipe Insulation (revision of ANSI/NFPA 274-2023)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications

Scope: 1.1* Scope. This standard describes a test method for determining the heat release and the smoke generation of pipe insulation assemblies mounted on steel pipes in a full-scale pipe chase.

A.1.1
The results of the test are intended to be applicable in determining the acceptability of pipe insulation systems. Heat release rate is indicated by measurement of oxygen depletion, and smoke generation is determined by smoke density measurement.

NFPA (National Fire Protection Association)

Dawn Michele Bellis <dbellis@nfpa.org> | One Batterymarch Park | Quincy, MA 02169 www.nfpa.org

Revision

BSR/NFPA 495-202x, Explosive Materials Code (revision of ANSI/NFPA 495-2023)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications

Scope: 1.1 Scope. This code shall apply to the manufacture, transportation, storage, sale, and use of explosive materials.

NFPA (National Fire Protection Association)

Dawn Michele Bellis <dbellis@nfpa.org> | One Batterymarch Park | Quincy, MA 02169 www.nfpa.org

Revision

BSR/NFPA 730-202x, Guide for Premises Security (revision of ANSI/NFPA 730-2023)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications

Scope: 1.1 Scope. This guide describes construction, protection, occupancy features, and practices intended to reduce security vulnerabilities to life and property. 1.1.1 NFPA 730 is referred to herein as “this guide” or “the guide.” 1.1.2 This guide should not supersede government statutes or regulations.

NFPA (National Fire Protection Association)

Dawn Michele Bellis <dbellis@nfpa.org> | One Batterymarch Park | Quincy, MA 02169 www.nfpa.org

Revision

BSR/NFPA 731-202x, Standard for the Installation of Premises Security Systems (revision of ANSI/NFPA 731 -2023)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications

Scope: 1.1 Scope. This standard covers the application, location, installation, performance, testing, and maintenance of premises security systems and their components.

NFPA (National Fire Protection Association)

Dawn Michele Bellis <dbellis@nfpa.org> | One Batterymarch Park | Quincy, MA 02169 www.nfpa.org

Revision

BSR/NFPA 2800-202x, Standard on Facility Emergency Action Plans (revision of ANSI/NFPA 2800-2023)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications

Scope: 1.1* Scope. This standard shall establish minimum requirements for emergency action plans (EAPs) addressing all-hazard emergencies for occupied facilities with an occupant load greater than 500.

A.1.1 NFPA 101 provides the minimum fire and life safety requirements for new and existing facilities and should be referenced when developing an EAP.

This document can be used as a guideline or a best practice in facilities that have occupant loads less than the thresholds in the scope.

SAAMI (Sporting Arms and Ammunition Manufacturers Institute)

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

Revision

BSR/SAAMI Z299.1-202X, Voluntary Industry Performance Standards for Pressure and Velocity of Rimfire Sporting Ammunition for the Use of Commercial Manufacturers (revision of ANSI/SAAMI Z299.1-2015 (R2018))
Stakeholders: Commercial Manufacturers, Test Labs, Consumers, Government Agencies

Project Need: Provides standards for commercial manufacturers of firearms and sporting ammunition.

Interest Categories: Expert, General Interest, Government, Producer, Testing Laboratory, User

Scope: In the interests of safety and interchangeability, this Standard provides pressure and velocity performance and dimensional characteristics for rimfire sporting ammunition. Included are procedures and equipment for determining these criteria.

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: April 16, 2023

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

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

Addenda

BSR/ASHRAE Addendum 62.1k-202x, Ventilation and Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2022)
This proposed addendum clarifies the language of Section 5.12. The revised language utilizes ASHRAE terminology to make the requirements succinct and breaks the requirements into clearly defined components for the limit and the controls. Because this section now requires humidity control in each zone, the analysis requirements became superfluous and have been removed. The newly added controls section stipulates that the HVAC system must be able to limit the humidity, but does not stipulate specific means, equipment, or sensors to do so. An exception has been added to exclude buildings in zones where the local climate does not regularly exceed dew point temperatures above 68°F (20°C), and thus are unlikely to cause mold growth within building materials as a result of condensation due to cycling or intermittent cooling system operation. The 68°F (20°C) criteria excludes much of the ASHRAE "B" (dry) climate zone and all of the "C" (marine) climate zone from the humidity limit requirement. See the charts below. Because mold growth occurs when the average surface relative humidity is high for a period of time, the humidity limit exception that includes time components has been revised.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: April 16, 2023

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

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

Addenda

BSR/ASHRAE Addendum 62.1L-202x, Ventilation and Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2022)
This proposed addendum seeks to address emerging UV technologies that are capable of emitting specific wavelengths of light near to the current 185 nm restriction that also produce ozone. The specific requirement is based on the ASHRAE Position Document on Filtration and Air Cleaning, which indicates that lamps that produce ozone are broadly categorized as those that emit wavelengths less than 200 nm. Definitions of listed and labeled have also been provided to clarify that any national testing laboratory that lists and labels products may certify the performance to a listed standard, this includes not just UL-2998, but all other standards listed within the document.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

NSF (NSF International)

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

Revision

BSR/NSF 245-202x (i35r1), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision and redesignation of ANSI/NSF 245-2022)
This standard contains minimum requirements for residential wastewater treatment systems having rated treatment capacities of 1,514 LPD (400 GPD) to 5,678 LPD (1,500 GPD) that are designed to provide reduction of nitrogen in residential wastewater.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Jason Snider <jsnider@nsf.org>

NSF (NSF International)

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

Revision

BSR/NSF/CAN 50-202x (i198r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2021)
This standard covers materials, chemicals, components, products, equipment and systems related to public and residential recreational water facility operation.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Jason Snider <jsnider@nsf.org>

Comment Deadline: April 16, 2023

ULSE (UL Standards & Engagement)

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

National Adoption

BSR/UL 62841-4-3-202x, UL 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
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 at https://csds.ul.com/Home/ProposalsDefault.aspx.

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 343-202x, Standard for Safety for Pumps for Oil-Burning Appliances (revision of ANSI/UL 343-2022)
The following topic is being proposed: (1) Addition of Biodiesel (B100) 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.

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 719-202x, Nonmetallic-Sheathed Cable (revision of ANSI/UL 719-2023)
Tag Marking, Revised 6.2.3 and 6.2.9
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.

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 854-202x, Service-Entrance Cables (revision of ANSI/UL 854-2023)
Tag Marking, Revised 45.5
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: April 16, 2023

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 1203-202x, Standard for Safety for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2022)
This proposal for UL 1203 covers: 1. Addition of construction and testing requirements for secondary batteries. 2. Revisions to Clauses 21.10 and SB1.10 to include an exemption for sand-filled fuses using noncombustible granular materials from use as an ignition source during explosion testing.
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: May 1, 2023

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB BPR 171-202x, Best Practice Recommendations for the Management and Use of Quality Assurance DNA Elimination Databases in Forensic DNA Analysis (new standard)
This document provides best practice recommendations for the collection, storing, searching, and retention of DNA elimination samples and/or profiles in a quality assurance database. This document addresses the use of elimination databases as one component of a comprehensive approach to detect and monitor contamination.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: www.aafs.org/academy-standards-board.
Send comments (copy psa@ansi.org) to: asb@aafs.org

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 139-202x, Reporting DNA Conclusions (new standard)
This standard contains the reporting requirements for human autosomal STR and haplotype DNA conclusions for results obtained from evidentiary samples in forensic casework and does not apply to paternity or any other biological relatedness conclusions. This standard only addresses the requirements for providing DNA conclusions in the report.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: www.aafs.org/academy-standards-board.
Send comments (copy psa@ansi.org) to: asb@aafs.org

Comment Deadline: May 1, 2023

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC A-4-202x, Fire Fighting Equipment (revision of ANSI/ABYC A-4-2018)
This standard addresses the design, construction, and installation of portable handheld fire extinguishers and fixed fire extinguishing systems on boats equipped with an engine, electrical system, or heat producing devices.
Single copy price: $50.00
Obtain an electronic copy from: abycinc.org
Send comments (copy psa@ansi.org) to: comments@abycinc.org

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC A-6-202x, Refrigeration and Air Conditioning Equipment (revision and redesignation of ANSI/ABYC A-6 -2018)
This standard addresses the design, construction, and installation of refrigeration and air conditioning systems on boats. This standard applies to systems utilizing mechanical gas compression for cooling, heating, dehumidification, and refrigeration on boats.
Single copy price: $50.00
Obtain an electronic copy from: abycinc.org
Send comments (copy psa@ansi.org) to: comments@abycinc.org

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC A-26-202x, LPG and CNG Fueled Appliances (revision and redesignation of ANSI/ABYC A-26-2018)
This standard addresses the design, construction, installation, and maintenance of LPG and CNG fueled appliances. This standard applies to permanently installed LPG and CNG fueled appliances intended for use in enclosed compartments on boats.
Single copy price: $50.00
Obtain an electronic copy from: abycinc.org
Send comments (copy psa@ansi.org) to: comments@abycinc.org

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC A-30-202x, Cooking Appliances with Integral LPG Cylinders (revision of ANSI/ABYC A-30-2018)
This standard addresses the design, construction, installation, and maintenance of cooking appliances with integral LPG cylinders of not more than 16.4 oz (465 g), designed for cooking in exterior locations, and integral LPG cylinders of not more than eight ounces (227 g) designed for cooking and storage in habitable spaces.
Single copy price: $50.00
Obtain an electronic copy from: abycinc.org
Send comments (copy psa@ansi.org) to: comments@abycinc.org

Comment Deadline: May 1, 2023

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC H-32-202x, Ventilation of Boats using Diesel Fuel (revision of ANSI/ABYC H-32-2013 (R2018))
This standard addresses the design, construction, and installation of ventilation systems of boats using diesel fuel, for the purpose of removal of fixed gaseous fire extinguishing system discharge, and/or combustion air, and/or any incidental additional uses.
Single copy price: $50.00
Obtain an electronic copy from: abycinc.org
Send comments (copy psa@ansi.org) to: comments@abycinc.org

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 | bralowerp@ada.org, www.ada.org

Reaffirmation

BSR/ADA Standard No. 126-2018 (R202x), Casting Investments and Refractory Die Materials (reaffirmation of ANSI/ADA Standard No. 126-2018)
This standard gives requirements and test methods for determining the compliance of dental casting investment, dental brazing investment, dental pressable-ceramic investment and dental refractory die materials used in the dental laboratory, regardless of the composition of the refractory powder, the composition of the binder, or the particular application.
Single copy price: $117.00
Obtain an electronic copy from: standards@ada.org
Send comments (copy psa@ansi.org) to: Same

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 | bralowerp@ada.org, www.ada.org

Reaffirmation

BSR/ADA Standard No. 163-2018 (R202x), Dental Furnace, Part 1: Test Method for Temperature Measurement with Separate Thermocouple (reaffirmation of ANSI/ADA Standard No. 163-2018)
This standard specifies a test method for the calibration of dental furnaces that are suitable for the heat treatment of silica-based dental ceramic restorations in the temperature range between 600 °C and 1,050 °C.
Single copy price: $43.00
Obtain an electronic copy from: standards@ada.org
Send comments (copy psa@ansi.org) to: Same

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 | bralowerp@ada.org, www.ada.org

Reaffirmation

BSR/ADA Standard No. 164-2018 (R202x), Dental Furnace, Part 2: Test Method for Evaluation of Furnace Program via Firing Glaze (reaffirmation of ANSI/ADA Standard No. 164-2018)
This document determines a degree of firing to be implemented by the user. It represents a test method for adapting the firing program of a dental furnace by determining the degree of firing of fired test specimens for a dental ceramic.
Single copy price: $65.00
Obtain an electronic copy from: standards@ada.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: May 1, 2023

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 | bralowerp@ada.org, www.ada.org

Reaffirmation

BSR/ADA Standard No. 99-2001 (R202x), Athletic Mouth Protectors and Materials (reaffirmation of ANSI/ADA Standard No. 99-2001 (R2013))
This specification is for thermoplastic or thermosetting polymeric materials, with or without a polymeric shell, that are capable of being formed into an athletic mouth protector, either on a model of the teeth or in the mouth directly on the teeth.
Single copy price: $35.00
Obtain an electronic copy from: standards@ada.org
Send comments (copy psa@ansi.org) to: Same

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

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

New Standard

BSR/APCO 1.122.1-202x, Career Progression within the Public Safety Emergency Communications Center (new standard)
This standard sets forth guidance for all Emergency Communication Centers (ECCs) (primary, secondary, nontraditional, non-classified) of all sizes to provide opportunities for employee advancement or promotional levels, recognizing the changing roles which include an emphasis on the need to effectively manage resources with situational analysis and critical decision-making responsibilities.
Single copy price: Free
Obtain an electronic copy from: https://www.apcointl.org/services/standards/standards-review-comment
Send comments (copy psa@ansi.org) to: Mindy Adams apcostandards@apcointl.org

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE AD4254-12-JUL2016 (R202x), Agricultural machinery - Safety - Part 12: Rotary disc and drum mowers and flail mowers (reaffirm a national adoption ANSI/ASABE AD4254-12-JUL2016 (R2020))
This part of ISO 4254, where used with ISO 4254-1, specifies the safety requirements and their verification for the design and construction of rotary disc mowers, rotary drum mowers, as used for forage crop harvesting in agriculture only, and flail mowers with a horizontal axis for use in agriculture only, that are mounted, semimounted, trailed or self-propelled. It describes methods for the elimination or reduction of hazards arising from the intended use and reasonably foreseeable misuse of these machines by one person (the operator) in the course of normal operation and service. In addition, it specifies the type of information on safe working practices to be provided by the manufacturer. Flail mowers with a horizontal axis that can be opened at the rear only for maintenance reasons are included. This part of ISO 4254 is also applicable to mowers equipped with a conditioning device. This part of ISO 4254 is applicable only to mowers intended to work at ground level, examples of which are given in A.1 of the document.
Single copy price: ASABE Members; $54.00; Non ASABE Members; $78.00
Obtain an electronic copy from: companion@asabe.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: May 1, 2023

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE/ISO 17101-1:2012 JUN2016 (R202x), Agricultural machinery - Thrown-object test and acceptance criteria - Part 1: Rotary mowers (reaffirm a national adoption ANSI/ASABE/ISO 17101-1:2012 JUN2016 (R2020))
This part of ISO 17101 gives specifications and acceptance criteria for thrown-object testing of rotary mowers used in agriculture. Examples of machines are shown in Annex A.of the document. It is not applicable to the following: flail mowers; mowers with an articulated arm; mowers with one or more vertical axis designed for mulching; pedestrian-controlled motor mowers; lawn mowers or machines designed as lawn mowers; inter-row mowing units; machines designed for highway and road maintenance only
Single copy price: ASABE Members; $54.00; Non ASABE Members; $78.00
Obtain an electronic copy from: companion@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE/ISO 17101-2:2012 JUN2016 (R202x), Agricultural machinery - Thrown-object test and acceptance criteria - Part 2: Flail mowers (reaffirm a national adoption ANSI/ASABE/ISO 17101-2:2012 JUN2016 (R2020))
This part of ISO 17101 gives specifications and acceptance criteria for the thrown-object testing of flail mowers used in agriculture. Examples of machines are shown in Annex A.of the standard. It is not applicable to the following: large rotary mowers; rotary mowers; mowers with an articulated arm; mowers with one or more vertical axis designed for mulching; pedestrian controlled motor mowers; lawn mowers or machines designed as lawn mowers; inter-row mowing units; machines designed for highway and road maintenance only; flail mowers that have the rear part which can be opened for particular field use operations (e.g. rowcrop mowers).
Single copy price: $54.00 (ASABE Members); $78.00 (Non-ASABE Members)
Obtain an electronic copy from: companion@asabe.org
Send comments (copy psa@ansi.org) to: Same

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

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

New Standard

BSR/ASHRAE Standard 185.3-202x, Method of Testing In-Room Devices and Systems for Microorganism Removal or Inactivation in a Chamber (new standard)
The purpose of Standard 185.3-202x is to establish a method of test for evaluating in-room air cleaners (IRACs) and systems for commercial or industrial consumers for microorganism removal or inactivation in a test chamber.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

Comment Deadline: May 1, 2023

ASTM (ASTM International)

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

New Standard

ANSI/ASTM WK68411-202x, Guide for Minimizing Heavy Metal Accumulation in Metalworking Fluids (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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New Standard

ANSI/ASTM WK72630-202x, Guide for the Development of Electron Ionization-Mass Spectral Libraries for the Analysis of Seized Drugs (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
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New Standard

ANSI/ASTM WK73271-202x, Test Method for Full Depth Field Sampling of Synthetic Turf Infill Materials (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
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100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 | accreditation@astm.org, www.astm.org

New Standard

ANSI/ASTM WK75231-202x, Practice for the Qualitative Analysis of Seized Drugs Using Fourier Transform Infrared (FTIR) Spectroscopy (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
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ASTM (ASTM International)

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New Standard

ANSI/ASTM WK84310-202x, Specification for Front-Mounted Bicycle Child Carriers - Engaged (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
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New Standard

ANSI/ASTM WK84312-202x, Specification for Front Mount Bicycle Child Carriers - Restrained (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Reaffirmation

BSR/ASTM D2464-2015 (R202x), Specification for Threaded Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80 (reaffirmation of ANSI/ASTM D2464-2015)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Reaffirmation

BSR/ASTM E1488-2012 (R202x), Guide for Statistical Procedures to Use in Developing and Applying Test Methods (reaffirmation of ANSI/ASTM E1488-2012 (2018))
https://www.astm.org/get-involved/technical-committees/ansi-review
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Reaffirmation

BSR/ASTM E2282-2014 (R202x), Guide for Defining the Test Result of a Test Method (reaffirmation of ANSI/ASTM E2282-2014 (2019))
https://www.astm.org/get-involved/technical-committees/ansi-review
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Reaffirmation

BSR/ASTM E2709-2019 (R202x), Practice for Demonstrating Capability to Comply with an Acceptance Procedure (reaffirmation of ANSI/ASTM E2709-2019)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Reaffirmation

BSR/ASTM F1777-2019 (R202x), Practice for Paintball Game Site Operation (reaffirmation of ANSI/ASTM F1777-2019)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Reaffirmation

BSR/ASTM F1937-2005 (R202x), Specification for Body Protectors Used in Horse Sports and Horseback Riding (reaffirmation of ANSI/ASTM F1937-2004 (2017))
https://www.astm.org/get-involved/technical-committees/ansi-review
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Reaffirmation

BSR/ASTM F2271-2011 (R202x), Specification for Paintball Marker Barrel Blocking Devices (reaffirmation of ANSI/ASTM F2271-2011 (2019))
https://www.astm.org/get-involved/technical-committees/ansi-review
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Reaffirmation

BSR/ASTM F2278-2019 (R202x), Test Method for Evaluating Paintball Barrier Netting (reaffirmation of ANSI/ASTM F2278-2019)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
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Reaffirmation

BSR/ASTM F2649-2014 (R202x), Specification for Corrugated High Density Polyethylene (HDPE) Grease Interceptor Tanks (reaffirmation of ANSI/ASTM F2649-2014 (2019))
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
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Reaffirmation

BSR/ASTM F2679-2015 (R202x), Specification for 6 mm Projectiles Used with Airsoft Guns (reaffirmation of ANSI/ASTM F2679-2015 (2019))
https://www.astm.org/get-involved/technical-committees/ansi-review
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ASTM (ASTM International)
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Reaffirmation

BSR/ASTM F2801-2019 (R202x), Practice for Paintball Player Safety Briefing (reaffirmation of ANSI/ASTM F2801-2019)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Reaffirmation

BSR/ASTM F2904-2011 (R202x), Specification for Warnings on Paintball Marker Accessories Used In the Sport of Paintball (reaffirmation of ANSI/ASTM F2904-2011 (2019))
https://www.astm.org/get-involved/technical-committees/ansi-review
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Reaffirmation

BSR/ASTM F3100-2015 (R202x), Practice for Low Impact Paintball Field Operation (reaffirmation of ANSI/ASTM F3100-2015 (2019))
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM D6792-202x, Practice for Quality Management Systems in Petroleum Products, Liquid Fuels, and Lubricants Testing Laboratories (revision of ANSI/ASTM D6792-2022A)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM E84-202x, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2023)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM E119-202x, Test Methods for Fire Tests of Building Construction and Materials (revision of ANSI/ASTM E119-2022)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM E176-202x, Terminology of Fire Standards (revision of ANSI/ASTM E176-2021AE1)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM E691-202x, Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method (revision of ANSI/ASTM E691-2022)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM E2307-202x, Test Method for Determining Fire Resistance of Perimeter Fire Barriers Using Intermediate-Scale, Multi-story Test Apparatus (revision of ANSI/ASTM E2307-2020)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM E2688-202x, Practice for Specimen Preparation and Mounting of Tapes to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2688-2018)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM E2750-202x, Guide for Extension of Data from Penetration Firestop System Tests Conducted in Accordance with ASTM E814 (revision of ANSI/ASTM E2750-2022)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM F1866-202x, Specification for Poly(Vinyl Chloride) (PVC) Plastic Schedule 40 Drainage and DWV Fabricated Fittings (revision of ANSI/ASTM F1866-2018)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM F1890-202x, Test Method for Measuring Softball and Baseball Bat Performance Factor (revision of ANSI/ASTM F1890-2017 (2022))
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM F1960-202x, Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-Linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F1960 -2023)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM F2219-202x, Test Methods for Measuring High-Speed Bat Performance (revision of ANSI/ASTM F2219-2014 (2022))
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM F2276-202x, Specification for Fitness Equipment (revision of ANSI/ASTM F2276-2010 (2015))
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM F2440-202x, Specification for Indoor Wall/Feature Padding (revision of ANSI/ASTM F2440-2018)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM F2508-202x, Practice for Validation, Calibration, and Certification of Walkway Tribometers Using Reference Surfaces (revision of ANSI/ASTM F2508-2016E1)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM F2735-202x, Specification for Plastic Insert Fittings for SDR9 Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F2735-2021)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM F2769-202x, Specification for Polyethylene of Raised Temperature (PE-RT) Plastic Hot and Cold-Water Tubing and Distribution Systems (revision of ANSI/ASTM F2769-2023)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM F3128-202x, Specification for Poly(Vinyl Chloride) (PVC) Schedule 40 Drain, Waste, and Vent Pipe with a Cellular Core (revision of ANSI/ASTM F3128-2019)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM F3348-202x, Specification for Plastic Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F3348-2023)
https://www.astm.org/get-involved/technical-committees/ansi-review
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ATIS (Alliance for Telecommunications Industry Solutions)

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

Reaffirmation

BSR/ATIS 0300002-2018 (R202x), XML Schema Interface for POTS Service Test (reaffirmation of ANSI/ATIS 0300002-2018)
This standard provides an XML schema information model for POTS Service Test based on ATIS-0300262 and an XML schema interface for POTS Service Test function specified in the same ANSI standard.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Drew Greco <dgreco@atis.org>

ATIS (Alliance for Telecommunications Industry Solutions)

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

Reaffirmation

BSR/ATIS 0300075-2018 (R202x), Usage Data Management Architecture and Protocols Requirements for Packet-Based Application Services (reaffirmation of ANSI/ATIS 0300075-2018)
This document describes a functional architecture and provides requirements intended for usage data management to be applied to various business applications for accounting and charging of packet-based telecommunications services.
Single copy price: Free
Obtain an electronic copy from: jhuynh@atis.org
Send comments (copy psa@ansi.org) to: Jen Huynh <jhuynh@atis.org>

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Reaffirmation

BSR/ATIS 0300209-2018 (R202x), OAM&P - Network Tones and Announcements (reaffirmation of ANSI/ATIS 0300209-2018)
This standard provides guidance for the provision of network tones and announcements.
Single copy price: Free
Obtain an electronic copy from: jhuynh@atis.org
Send comments (copy psa@ansi.org) to: Jen Huynh <jhuynh@atis.org>

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Reaffirmation

BSR/ATIS 0300211-2018 (R202x), Information Interchange - Structure and Coded Representation of National Security and Emergency Preparedness (NS/EP) Telecommunications Service Priority (TSP) Codes for the North American Telecommunications System (reaffirmation of ANSI/ATIS 0300211-2018)
This standard provides the specifications, characteristics, and values of the National Security/Emergency Preparedness (NS/EP) – Telecommunications Service Priority (TSP) code. The TSP System is a Federal Communications Commission system which superseded the FCC National Communications System (NCS) Restoration Priority (RP) System. This standard contains clauses covering its purpose and scope, code representation, allowable code values, and relative importance of activities associated with services having NS/EP TSP designations.
Single copy price: Free
Obtain an electronic copy from: jhuynh@atis.org
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Reaffirmation

BSR/ATIS 0300247-2018 (R202x), OAM&P - Performance Management Functional Area Services and Information Model for Interfaces between Operations Systems and Network Elements (reaffirmation of ANSI/ATIS 0300247-2018)
This standard is part of a series of standards needed to specify the interfaces between Operations Systems (OSs) and Network Elements (NEs). It specifies a Performance Management Information Model needed to facilitate the exchange of performance management information betw een OSs and NEs when providing Operations, Administration, Maintenance, and Provisioning functions
Single copy price: Free
Obtain an electronic copy from: jhuynh@atis.org
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Stabilized Maintenance

BSR ATIS 0300208-2013 (S202x), OAM&P - Upper Layer Protocols for Telecommunications Management Network (TMN) Interfaces, 03 and X Interfaces (stabilized maintenance of ANSI ATIS 0300208-2013 (R2018))
It is the intention of this standard to use and align with the relevant ITU-T Recommendation. This alignment effort consists of adopting ITU-T Recommendation Q.812, Upper layer protocols profiles for the Q and X interfaces.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Drew Greco <dgreco@atis.org>

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Stabilized Maintenance

BSR ATIS 0300216-2013 (S202x), ISDN Management - Basic Rate Physical Layer (stabilized maintenance of ANSI ATIS 0300216-2013 (R2018))
The purpose of this standard is to establish required capabilities for the maintenance and operations needed for the basic rate physical layer associated with access to Integrated Services Digital Networks (ISDNs). This standard establishes needed maintenance functionality in customer and network equipment, particularly from the perspectives of maintenance functionality available at the network boundary and from Operations Systems.
Single copy price: Free
Obtain an electronic copy from: jhuynh@atis.org
Send comments (copy psa@ansi.org) to: Jen Huynh <jhuynh@atis.org>

ATIS (Alliance for Telecommunications Industry Solutions)

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

Stabilized Maintenance

BSR ATIS 0300217-2013 (S202x), ISDN Management - Primary Rate Physical Later (stabilized maintenance of ANSI ATIS 0300217-2013 (R2018))
This standard provides the maintenance operations requirements for primary rate physical layer ISDN access. It provides functional requirements to support maintenance and is not meant to be an equipment specification.
Single copy price: Free
Obtain an electronic copy from: jhuynh@atis.org
Send comments (copy psa@ansi.org) to: Jen Huynh <jhuynh@atis.org>

Comment Deadline: May 1, 2023

AWS (American Welding Society)

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

New Standard

BSR/AWS A5.1/A5.1M-202x, Specification for Carbon Steel Electrodes for Shielded Metal Arc Welding (new standard)
This specification prescribes the requirements for classification of carbon steel covered electrodes used for shielded metal arc welding. The requirements include chemical composition and mechanical properties of weld metal, weld metal soundness, usability tests of electrodes, and moisture tests of the low-hydrogen electrode covering. Requirements for standard sizes and lengths, marking, manufacturing, and packaging are also included. Optional supplemental requirements include tests for improved toughness and ductility, lower and absorbed moisture in the electrode covering and for diffusible hydrogen in the weld metal. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these are not equivalent, each system must be used independently of the other.
Single copy price: $39.00 (non-member); $30.00 (member)
Obtain an electronic copy from: kbulger@aws.org
Send comments (copy psa@ansi.org) to: Same

AWS (American Welding Society)

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

New Standard

BSR/AWS A5.22/A5.22M-202x, Specification for Stainless Steel Flux Cored and Metal Cored Welding Electrodes and Rods (new standard)
This specification prescribes the requirements for classification of numerous grades of flux cored and metal cored stainless steel electrodes and rods. Designations for the flux cored electrodes and rods indicate the chemical composition of the weld metal, the position of welding, and the external shielding gas required (for those classifications for which one is required). Designations for the metal cored electrodes indicate the chemical composition of the weld metal only. Additional requirements are included for testing and packaging. A guide is appended to the specification as a source of information concerning the classification system employed and the intended use of the welding electrodes and rods. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these are not equivalent, each system must be used independently of the other.
Single copy price: $39.00 (non-member); $30.00 (member)
Obtain an electronic copy from: kbulger@aws.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: May 1, 2023

AWS (American Welding Society)

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

Revision

BSR/AWS A5.18/A5.18M-202x, Specification for Carbon Steel Electrodes and Rods for Gas Shielded Arc Welding (revision of ANSI/AWS A5.18/A5.18M-2021)
This specification prescribes the requirements for classification of carbon steel electrodes and rods, including solid, composite stranded, and composite metal cored electrodes for gas shielded arc welding. Classification is based on chemical composition of the electrode for solid electrodes and rods, chemical composition of weld metal for composite stranded and composite metal cored electrodes and rods, and the as-welded mechanical properties of the weld metal for each. Additional requirements are included for usability, manufacturing, diameters, lengths, and packaging. A guide is appended to the specification as a source of information concerning the classification system employed and the intended use of the electrodes and rods. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these units are not equivalent, each system must be used independently of the other.
Single copy price: $39.00 (non-member); $30.00 (member)
Obtain an electronic copy from: kbulger@aws.org
Send comments (copy psa@ansi.org) to: Same

AWS (American Welding Society)

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

Stabilized Maintenance

BSR/AWS A5.19-1992 (S202x), Specification for Magnesium Alloy Welding Electrodes and Rods (stabilized maintenance of ANSI/AWS A5.19-1992 (R2015))
This specification prescribes requirements for the classification of bare magnesium alloy welding electrodes and rods for use with the gas metal arc, gas tungsten arc, oxyfuel gas, and plasma arc welding processes. Classification is based upon chemical composition of the welding wire. Standard sizes, finish, winding requirements, package forms and weights, product information, and chemical composition limits are specified.
Single copy price: $39.00 (non-member); $30.00 (member)
Obtain an electronic copy from: kbulger@aws.org
Send comments (copy psa@ansi.org) to: Same

CTA (Consumer Technology Association)

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

New Standard

BSR/CTA 2088.2-202x, Baseline Cybersecurity for Private Consumer Robotics (new standard)
This standard will build upon the baseline cybersecurity requirements in CTA-2088 to address the cybersecurity requirements and recommendations relevant to the unique capabilities, uses, and applications of Private Consumer Robotics.
Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Send comments (copy psa@ansi.org) to: Catrina Akers <cakers@cta.tech>

Comment Deadline: May 1, 2023

NCPDP (National Council for Prescription Drug Programs)

9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncpdp.org, www.ncpdp.org

Revision

BSR/NCPDP Benefit Integration Standard v18-202x, NCPDP Benefit Integration Standard v18 (revision and redesignation of ANSI/NCPDP Benefit Integration Standard v17-2021)
The Benefit Integration Standard Implementation Guide supports the communication of accumulator data in a standard format via transactions that are used to facilitate the delivery and receipt of this information. These transactions provide administrative efficiencies and allow for an industry standard to be used to share accumulator data (such as deductible and out of pocket) between Benefit Partners to administer integrated benefits for a member.
Single copy price: $200.00 (non-member)
Obtain an electronic copy from: mweiker@ncpdp.org
Send comments (copy psa@ansi.org) to: Same

NCPDP (National Council for Prescription Drug Programs)

9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncpdp.org, www.ncpdp.org

Revision

BSR/NCPDP MR V07.05-202x, NCPDP Manufacturer Rebate Utilization, Plan, Formulary, Market Basket, and Reconciliation Flat File Standard v07.05 (revision and redesignation of ANSI/NCPDP MR V07.04-2021)
The Standard provides a standardized format for the electronic submission of rebate information from Pharmacy Management Organizations (PMOs) to Pharmaceutical Industry Contracting Organizations (PICOs). The four (4) file formats are intended to be used in an integrated manner, with the utilization file being supported by the plan, formulary, and market basket files. However, any of the four (4) files may be used independently. The Standard Flat File layouts provide detailed information on the file design and requirements for each of the four (4) files.
Single copy price: $200.00 (non-member)
Obtain an electronic copy from: mweiker@ncpdp.org
Send comments (copy psa@ansi.org) to: Same

NCPDP (National Council for Prescription Drug Programs)

9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncpdp.org, www.ncpdp.org

Revision

BSR/NCPDP Product Identifier v1.7-202x, NCPDP Product Identifier Standard v1.7 (revision and redesignation of ANSI/NCPDP Product Identifier v1.6-2021)
The goal of this standard is to ensure that any change to critical product identifiers is managed in a way that does not adversely affect patient safety, financial rocesses involving drug products, and the healthcare applications that currently use these identifiers. NCPDP discussed the unintended consequences that could result from changes to the structure of product identifiers and initiated a project to develop a standard that could be used to protect the intended use, format and structure of roduct identifiers.
Single copy price: $200.00 (non-member)
Obtain an electronic copy from: mweiker@ncpdp.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: May 1, 2023

NCPDP (National Council for Prescription Drug Programs)

9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncpdp.org, www.ncpdp.org

Revision

BSR/NCPDP RTPB Standard v14-202x, NCPDP Real-Time Prescription Benefit Standard v14 (revision and redesignation of ANSI/NCPDP RTPB Standard v13-2022)
The NCPDP Real-Time Prescription Benefit (RTPB) Standard Implementation Guide is intended to meet the industry need within the pharmacy services sector to facilitate the ability for pharmacy benefit payers/processors to communicate to providers and to ensure a consistent implementation of the standard throughout the industry. The RTPB Standard enables the exchange of patient eligibility, product coverage, and benefit financials for a chosen product and pharmacy, and identifies coverage restrictions, and alternatives when they exist.
Single copy price: $200.00 (non-member)
Obtain an electronic copy from: mweiker@ncpdp.org
Send comments (copy psa@ansi.org) to: Same

NCPDP (National Council for Prescription Drug Programs)

9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncpdp.org, www.ncpdp.org

Revision

BSR/NCPDP SC WG1100922023xx-202x, NCPDP SC WG1100922023xx (revision and redesignation of ANSI/NCPDP SC v2023011-2023)
The standard provides general guidelines for developers of pharmacy or physician management systems who wish to provide prescription transmission functionality to their clients. The standard addresses the electronic transmission of new prescriptions, prescription refill requests, prescription fill status notifications, and cancellation notifications.
Single copy price: $200.00 (non-member)
Obtain an electronic copy from: mweiker@ncpdp.org
Send comments (copy psa@ansi.org) to: Same

NCPDP (National Council for Prescription Drug Programs)

9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncpdp.org, www.ncpdp.org

Revision

BSR/NCPDP Specialized Standard WG1100922023xx-202x, NCPDP Specialized Standard WG1100922023xx (revision and redesignation of ANSI/NCPDP Specialized Standard v2023011-2023)
The NCPDP Specialized Standard will house transactions that are not eprescribing but are part of the NCPDP XML environment. The standard provides general guidelines for developers of systems who wish to provide business functionality of these transactions to their clients. The guide describes a set of transactions and the implementation of these transactions.
Single copy price: $200.00 (non-member)
Obtain an electronic copy from: mweiker@ncpdp.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: May 1, 2023

NCPDP (National Council for Prescription Drug Programs)

9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncpdp.org, www.ncpdp.org

Revision

BSR/NCPDP TC VFA-202x, NCPDP Telecommunication Standard Version FA (revision and redesignation of ANSI/NCPDP TC VF9-2022)
The standard supports the format for electronic communication of pharmacy service-related billing, prior authorization processing, and information reporting between pharmacies and other responsible parties. This standard addresses the data format and content, the transmission protocol and other appropriate telecommunication requirements.
Single copy price: $200.00 (non-member)
Obtain an electronic copy from: mweiker@ncpdp.org
Send comments (copy psa@ansi.org) to: Same

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Kyle.Krueger@necanet.org, www.neca-neis.org

New Standard

BSR/NECA 91-202x, Recommended Practice for Maintaining Electrical Equipment (new standard)
This Recommended Practice describes general maintenance procedures for operating, servicing, inspecting, testing, maintaining, calibrating, repairing, and reconditioning building electrical systems, equipment, and components. This Recommended Practice includes industry-accepted practices and is intended to be used in conjunction with equipment-specific manufacturer instructions. NOTE: Also, see NFPA 70B, Standard for Electrical Equipment Maintenance.
Single copy price: $30.00 (member); $59.00 (non-member)
Obtain an electronic copy from: NEIS@NECAnet.org OR https://www.neca-neis.org/public-comment-request---neca-91-20xx
Send comments (copy psa@ansi.org) to: Same

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 54-202x, National Fuel Gas Code (revision of ANSI/NFPA 54-2021)
This code is a safety code that shall apply to the installation of fuel gas piping systems, appliances, equipment, and related accessories as shown in .1(A) through .1(D). (A)Coverage of piping systems shall extend from the point of delivery to the appliance connections. For other than undiluted liquefied petroleum gas (LP-Gas) systems, the point of delivery shall be the outlet of the service meter assembly or the outlet of the service regulator or service shutoff valve where no meter is provided. For undiluted LP-Gas systems, the point of delivery shall be considered to be the outlet of the final pressure regulator, exclusive of line gas regulators where no meter is installed. Where a meter is installed, the point of delivery shall be the outlet of the meter. A..1(A) The final pressure regulator in an undiluted liquefied petroleum gas (LP-Gas) system can include any one of the following: (1) The second stage regulator or integral two-stage regulator (2) A2 psi (14 kPa) service regulator or integral 2 psi (14 kPa) service regulator (3) A single-stage regulator, where single-stage systems are permitted by NFPA 58, Liquefied Petroleum Gas Code. (B) The maximum..
Obtain an electronic copy from: www.nfpa.org/54Next
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: May 1, 2023

NRMCA (National Ready Mixed Concrete Association)

66 Canal Center Plaza, Suite 250, Alexandria, VA 22314 | jmills-beale@nrmca.org, https://www.nrmca.org/

New Standard

BSR/NRMCA 100-202x, Prescriptive Design of Exterior Concrete Walls for One- and Two-Family Dwellings (new standard)
NRMCA 100 is a new standard for prescriptive design of exterior concrete walls for one-and two-family dwellings. It will supersede PCA 100 which is referenced in the International Residential Code and is used to design and construct residential buildings in the United States and internationally. This essential standard primarily provides designers and contractors with prescriptive design requirements for low-rise residential construction. Specifically, the provisions of this Standard apply to the design and construction of concrete footings, foundation walls and above-grade walls, both load bearing and non-load bearing, for: 1) detached one- and two-family dwellings; 2) multiple dwellings and 3) one-story buildings of other occupancy groups assigned to Seismic Design Category A.
Single copy price: Free
Obtain an electronic copy from: jmills-beale@nrmca.org
Send comments (copy psa@ansi.org) to: Julian Mills-Beale <jmills-beale@nrmca.org>

PMMI (PMMI - The Association for Packaging and Processing Technologies)

12930 Worldgate Dr, Suite 200, Herndon, VA 20170-6037 | walsh@asabe.org, www.pmmi.org

Revision

BSR/PMMI B155.1-202X, Safety Requirements for Packaging and Processing Machinery (revision of ANSI/PMMI B155.1-2016)
This standard specifies basic terminology, principles and a methodology for achieving safety in the design and the use of machinery. It specifies principles of the iterative process of risk assessment and risk reduction to help designers, integrators and users of machinery in achieving this objective. The requirements of this standard apply to new, modified or rebuilt industrial and commercial: • processing machinery used to produce food, beverage and pharmaceutical products; • packaging machinery that performs packaging functions for primary, secondary, and tertiary packaging; • packaging converting machinery – machinery that converts glass, metal, paper, plastic or a combination of these into a package (e.g. cans, bottles, cups) or makes a package (e.g. bags, paperboard cartons, corrugated cases or trays) for subsequent use on a packaging machine; and • coordination of the packaging functions that take place on the production line.
Single copy price: $75.00 (PMMI non-members); free (PMMI members)
Obtain an electronic copy from: walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

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

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

New Standard

BSR A108.22-202x, Installation of Pre-mixed Grout in Tilework (new standard)
This specification describes the minimum requirements for grouting ceramic tile with pre-mixed grout.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: May 1, 2023

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

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

New Standard

BSR A108.M-202x, General Requirements: Materials and Standards for the Installation of Tile (new standard)
This specification is intended to provide a list of standards and materials used for the installation of ceramic and glass tile.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Same

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

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

New Standard

BSR A108.T-202x, Terminology of Tile Assemblies (new standard)
This standard is intended to define terms commonly used in the ANSI A118, A136, and A137 series of product specifications and ANSI A108 series of installation standards.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Same

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

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

New Standard

BSR A118.18-202x, Test Methods and Specifications for Foam Core Backer Boards (new standard)
This specification describes the test methods and the minimum requirements and values for foam core backer boards.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Same

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

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

New Standard

BSR A118.19-202x, Specifications for Organic Pre-mixed Grouts for Installation of Ceramic Tile (new standard)
This specification describes the test methods and the minimum requirements for organic pre-mixed grouts.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: May 1, 2023

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

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

Revision

BSR A108.01-202x, General Requirements: Structures, Substrates, and Preparation for Tile (revision of ANSI A108.01-2021a)
These specifications serve as a reference standard for design professionals, general contractors, and building owners when specifying structures, substrates, and preparation where ceramic or glass tile is the finish surface.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Same

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

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

Revision

BSR A108.1A-202x, Installation of Ceramic Tile in the Wet-Set Method, with Portland Cement Mortar (revision of ANSI A108.1A-2017 (R2022))
This specification covers the installation of ceramic tile in the wet-set method, with portland cement mortar.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Same

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

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

Revision

BSR A108.1B-202x, Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set, Modified Dry-Set, or Improved Modified Dry-Set Cement Mortar (revision of ANSI A108.1B-2017)
This standard covers the installation of ceramic tile on a cured portland cement mortar setting bed with dry-set, modified dry-set, or improved modified dry-set cement mortar.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Same

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

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

Revision

BSR A108.1C-202x, Contractors Option: Installation of Ceramic Tile in the Wet-Set Method with Portland Cement Mortar or Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set, Modified Dry-Set, or Improved Modified Dry-Set Cement Mortar (revision of ANSI A108.1C-1999 (R2021))
This standard covers the contractor's option for installation of ceramic tile in the wet-set method, with portland cement mortar or installation of ceramic tile on a cured portland cement mortar setting bed with dry-set, modified dry-set, or improved modified dry-set cement mortar.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: May 1, 2023

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

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

Revision

BSR A108.02-202x, General Requirements: Workmanship for Tile Installation (revision of ANSI A108.02-2019)
These specifications serve as a reference standard for design professionals, general contractors, tile contractors, and building owners where ceramic tile or glass tile is the finish surface. These specifications are also a reference standard for products used in the installation of ceramic or glass tile.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Same

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

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

Revision

BSR A108.4-202x, Installation of Ceramic Tile with Organic Adhesives or Water Cleanable Tile-Setting Epoxy Adhesive (revision of ANSI A108.4-2019)
This standards covers the installation of ceramic tile using organic adhesives or water cleanable tile-setting epoxy adhesives.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Same

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

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

Revision

BSR A108.5-202x, Setting of Ceramic Tile with Dry-Set Cement Mortar, Modified Dry-Set Cement Mortar, EGP (Exterior Glue Plywood) Modified Dry-Set Cement Mortar, or Improved Modified Dry-Set Cement Mortar (revision of ANSI A108.5-2021)
This standard outlines the guidelines for installation of ceramic tile with dry-set cement mortar, modified dry-set cement mortar, EGP modified dry-set cement mortar, and improved modified dry-set cement mortar.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Same

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

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

Revision

BSR A108.6-202x, Installation of Ceramic Tile with Chemical Resistant, Water Cleanable Tile-Setting and -Grouting Epoxy (revision of ANSI A108.6-1999 (R2019))
This method covers the installation of cermic tile with chemical resistant, water cleanable tilesetting and -grouting epoxy.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: May 1, 2023

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

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

Revision

BSR A108.9-202x, Installation of Ceramic Tile with Modified Epoxy Emulsion Mortar/Grout (revision of ANSI A108.9-1999 (R2019))
This standard covers the installation of ceramic tile with modified emulsion mortar/grout.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Same

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

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

Revision

BSR A108.11-202x, Interior Installation of Cementitious Backer Units (revision of ANSI A108.11-2018)
This standard describes the specifications for interior installation of cementitious backer units.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Same

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

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

Revision

BSR A108.12-202x, Installation of Ceramic Tile with EGP (Exterior Glue Plywood) Modified Dry-set Mortar (revision of ANSI A108.12-1999 (R2019))
This standard covers the installation of ceramic tile with exterior glue plywood (EGP) modified dry-set cement mortar.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Same

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

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

Revision

BSR A118.1-202x, Specifications for Dry-Set Cement Mortar (revision of ANSI A118.1-2019)
This specification describes the test methods and the minimum requirements for standard dry-set cement mortar.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: May 1, 2023

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

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

Revision

BSR A118.4-202x, Specifications for Modified Dry-Set Cement Mortar (revision of ANSI A118.4-2019)
This specification describes the test methods and the minimum requirements for modified dry-set cement mortar.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Same

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

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

Revision

BSR A118.15-202x, Specifications for Improved Modified Dry-Set Cement Mortar (revision of ANSI A118.15 -2019)
This specification describes the test methods and the minimum requirements for improved modified dry-set cement mortar.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)

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

Revision

BSR/TIA 1005-B-202x, Telecommunication Infrastructure Standard for Industrial Premises (revision and redesignation of ANSI/TIA 1005-A-2012)
This Standard specifies telecommunications cabling to support industrial premises applications (e.g., voice, data, text, video, industrial and building controls, security, fire alarm, imaging) while allowing for exposure to the wide range of environmental conditions expected in industrial premises (e.g., temperature, humidity, electrical noise, shock, vibration, corrosive gases, dust, liquids). Need to update the standard for the following items: 1) Include Addendum 1 of ANSI/TIA-1005-A 2) Update standard with new requirements for 1G for E2 and E3 environments
Single copy price: $61.00
Obtain an electronic copy from: standards-process@tiaonline.org
Send comments (copy psa@ansi.org) to: Teesha Jenkins <standards-process@tiaonline.org>

ULSE (UL Standards & Engagement)

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

New Standard

BSR/UL 51-202x, Standard for Safety for Power-Operated Pumps and Bypass Valves for Anhydrous Ammonia, LP-Gas, and Propylene (new standard)
The following is being revised: 1. New edition of the Standard for Safety for Power-Operated Pumps and Bypass Valves for Anhydrous Ammonia, LP-Gas, and Propylene
Single copy price: Free
Obtain an electronic copy from: shopULstandards.com or https://csds.ul.com/Home/ProposalsDefault.aspx
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area https://csds.ul.com/Home/ProposalsDefault.aspx.

Comment Deadline: May 1, 2023

ULSE (UL Standards & Engagement)

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

Reaffirmation

BSR/UL 140-2008 (R202x), Standard for Relocking Devices for Safes and Vaults (reaffirmation of ANSI/UL 140 -2008 (R2018))
This proposal covers: 1. Reaffirmation and continuance of the 11th Edition of the Standard for Relocking Devices for Safes and Vaults, UL 140, as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

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

Reaffirmation

BSR/UL 969-2018 (R202x), Standard for Safety for Marking and Labeling Systems (reaffirmation of ANSI/UL 969 -2018)
Reaffirmation and continuance of the Fifth Edition of the Standard for Marking and Labeling Systems, UL 969, as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments in to the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

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

Reaffirmation

BSR/UL 62841-3-13-2018 (R202x), UL Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-13: Particular Requirements for Transportable Drills (reaffirmation of ANSI/UL 62841-3-13-2018)
Reaffirmation and continuance of the First Edition of the Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-13: Particular Requirements for Transportable Drills, UL 62841-3-13 as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work area at https://csds.ul.com/Home/ProposalsDefault.aspx

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.

AGMA (American Gear Manufacturers Association)

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

ANSI/AGMA 1006-A97 (R2023), Tooth Proportions for Plastic Gears (reaffirmation of ANSI/AGMA 1006-A97 (R2016)) Final Action Date: 3/9/2023 | *Reaffirmation*

ANSI/AGMA 1106-A97 (R2023), Tooth Proportions for Plastic Gears - Metric Edition (reaffirmation of ANSI/AGMA 1106-A97 (R2016)) Final Action Date: 3/9/2023 | *Reaffirmation*

ASA (ASC S1) (Acoustical Society of America)

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

ANSI/ASA S1.18-2018 (R2023), Method for Determining the Acoustic Impedance of Ground Surfaces (reaffirmation of ANSI/ASA S1.18-2018) Final Action Date: 3/9/2023 | *Reaffirmation*

ASA (ASC S2) (Acoustical Society of America)

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

ANSI/ASA S2.72-2002/Part 1 ISO 2631-1-1997 (R2023), Mechanical vibration and shock - Evaluation of human exposure to whole-body vibration - Part 1: General requirements (a nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S2.72-2002/Part 1 ISO 2631-1-1997 (R2018)) Final Action Date: 3/9/2023 | *Reaffirmation*

ASA (ASC S3) (Acoustical Society of America)

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

ANSI/ASA S3.46-2013 (R2023), Methods of Measurement of Real-Ear Performance Characteristics of Hearing Aids (reaffirmation of ANSI/ASA S3.46-2013 (R2018)) Final Action Date: 3/9/2023 | *Reaffirmation*

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

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

ANSI/ASHRAE/ICC/IES/USGBC Addendum v to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020) Final Action Date: 3/8/2023 | *Addenda*

ANSI/ASHRAE/ICC/IES/USGBC Addendum x to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020) Final Action Date: 3/8/2023 | *Addenda*

ANSI/ASHRAE/ICC/USGBC/IES Addendum w to ANSI/ASRHAE/ICC/USGBC/IES Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020) Final Action Date: 3/8/2023 | *Addenda*

ANSI/ASHRAE/IES Addendum c to ANSI/ASHRAE/IES Standard 90.2-2018, High-Performance Energy Design of Residential Buildings (addenda to ANSI/ASHRAE Standard 90.2-2018) Final Action Date: 3/8/2023 | *Addenda*

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

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

ANSI/ASHRAE Standard 228-2023, Standard Method of Evaluating Zero Net Energy and Zero Net Carbon Building Performance (new standard) Final Action Date: 3/8/2023 | *New Standard*

ASME (American Society of Mechanical Engineers)

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

ANSI/ASME BPVC Section IV-2023, Rules for Construction of Heating Boilers (revision of ANSI/ASME BPVC Section IV-2021) Final Action Date: 3/8/2023 | *Revision*

ANSI/ASME BPVC Section V-2023, Nondestructive Examination (revision of ANSI/ASME BPVC Section V-2021) Final Action Date: 3/10/2023 | *Revision*

ANSI/ASME BPVC Section VIII-2023, Rules for Construction of Pressure Vessels (revision of ANSI/ASME BPVC Section VIII-2021) Final Action Date: 3/8/2023 | *Revision*

ESTA (Entertainment Services and Technology Association)

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

ANSI E1.9-2007 (R2023), Reporting Photometric Performance Data for Luminaires Used in Entertainment (reaffirmation of ANSI E1.9-2007 (R2017)) Final Action Date: 3/9/2023 | *Reaffirmation*

ANSI E1.41-2023, Recommendation for the Measurement of Entertainment Luminaires Utilizing Solid State Light Sources (revision of ANSI E1.41-2016) Final Action Date: 3/9/2023 | *Revision*

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

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

INCITS/ISO/IEC 27050-4:2021 [2023], Information technology - Electronic discovery - Part 4: Technical readiness (identical national adoption of ISO/IEC 27050-4:2021) Final Action Date: 3/9/2023 | *National Adoption*

INCITS/ISO/IEC 27017:2015 [2023], Information technology - Security techniques - Code of practice for information security controls based on ISO/IEC 27002 for cloud services (identical national adoption of ISO/IEC 27017:2015) Final Action Date: 3/9/2023 | *National Adoption*

INCITS 554-2023, Information technology - SAS Protocol Layer - 5 (SPL-5) (new standard) Final Action Date: 3/9/2023 | *New Standard*

NEMA (ASC C136) (National Electrical Manufacturers Association)

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

ANSI C136.43-2023, Roadway and Area Lighting Equipment - Side-mounted Solid State Security Luminaires (new standard) Final Action Date: 3/9/2023 | *New Standard*

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

ANSI/ICEA S-86-634-2011 (R2023), Standard for Buried Telecommunications Wire Filled, Polyolefin Insulated, Copper Conductor Technical Requirements (reaffirmation of ANSI/ICEA S-86-634-2011 (R2017)) Final Action Date: 3/10/2023 | *Reaffirmation*

NSF (NSF International)

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

ANSI/NSF 498-2023 (i1r3), Sustainability Program Document for Architectural Coatings (new standard) Final Action Date: 3/5/2023 | *New Standard*

ANSI/NSF 12-2023 (i14r1), Automatic Ice Making Equipment (revision of ANSI/NSF 12-2018) Final Action Date: 3/8/2023 | *Revision*

ANSI/NSF 20-2023 (i8r1), Commercial Bulk Milk Dispensing Equipment (revision of ANSI/NSF 20-2020) Final Action Date: 3/8/2023 | *Revision*

ANSI/NSF 455-2-2023 (i53r2), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455 -2-2021) Final Action Date: 3/8/2023 | *Revision*

ANSI/NSF 455-3-2023 (i39r2), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2021) Final Action Date: 3/8/2023 | *Revision*

ANSI/NSF 455-4-2023 (i42r2), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2021) Final Action Date: 3/8/2023 | *Revision*

ANSI/NSF/CAN 50-2023 (i187r2), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2021) Final Action Date: 3/6/2023 | *Revision*

ANSI/NSF/CAN 50-2023 (i190r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2021) Final Action Date: 3/8/2023 | *Revision*

ULSE (UL Standards & Engagement)

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

ANSI/UL 852-2018 (R2023), Standard for Metallic Sprinkler Pipe for Fire Protection Service (reaffirmation of ANSI/UL 852-2018) Final Action Date: 3/7/2023 | *Reaffirmation*

ANSI/UL 498D-2023, Standard for Safety for Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts (revision of ANSI/UL 498D-2021) Final Action Date: 3/10/2023 | *Revision*

ANSI/UL 498F-2023, Standard for Safety for Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts (revision of ANSI/UL 498F-2021) Final Action Date: 3/10/2023 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | abenedict@aami.org, www.aami.org

BSR/AAMI ST77-202x, Containment devices for reusable medical device sterilization (revision of ANSI/AAMI ST77 -2013 (R2018))

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | abenedict@aami.org, www.aami.org

BSR/AAMI/ISO 22441-202x, Sterilization of health care products - Low temperature vaporized hydrogen peroxide - Requirements for the development, validation and routine control of a sterilization process for medical devices (identical national adoption of ISO 22441:2022)

ABYC (American Boat and Yacht Council)

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

BSR/ABYC A-4-202x, Fire Fighting Equipment (revision of ANSI/ABYC A-4-2018)
Interest Categories: Soliciting Categories: Manufacturer - Engines, Specialist Service

ABYC (American Boat and Yacht Council)

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

BSR/ABYC A-6-202x, Refrigeration and Air Conditioning Equipment (revision and redesignation of ANSI/ABYC A-6 -2018)
Interest Categories: Soliciting for the following categories: Manufacturer - Engines, Insurance/Survey

ABYC (American Boat and Yacht Council)

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

BSR/ABYC A-26-202x, LPG and CNG Fueled Appliances (revision and redesignation of ANSI/ABYC A-26-2018)
Interest Categories: Soliciting for the following categories: Manufacturer - Engines, Insurance/Survey

ABYC (American Boat and Yacht Council)

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

BSR/ABYC A-30-202x, Cooking Appliances with Integral LPG Cylinders (revision of ANSI/ABYC A-30-2018)
Interest Categories: Soliciting for the following categories: Manufacturer - Engines, Insurance/Survey

ABYC (American Boat and Yacht Council)

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

BSR/ABYC H-32-202x, Ventilation of Boats using Diesel Fuel (revision of ANSI/ABYC H-32-2013 (R2018))
Interest Categories: Soliciting categories: Manufacturer - Boats, Specialist Service

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE AD4254-12-JUL2016 (R202x), Agricultural machinery - Safety - Part 12: Rotary disc and drum mowers and flail mowers (reaffirm a national adoption ANSI/ASABE AD4254-12-JUL2016 (R2020))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE/ISO 17101-1:2012 JUN2016 (R202x), Agricultural machinery - Thrown-object test and acceptance criteria - Part 1: Rotary mowers (reaffirm a national adoption ANSI/ASABE/ISO 17101-1:2012 JUN2016 (R2020))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE/ISO 17101-2:2012 JUN2016 (R202x), Agricultural machinery - Thrown-object test and acceptance criteria - Part 2: Flail mowers (reaffirm a national adoption ANSI/ASABE/ISO 17101-2:2012 JUN2016 (R2020))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR ATIS 0300208-2013 (S202x), OAM&P - Upper Layer Protocols for Telecommunications Management Network (TMN) Interfaces, Q3 and X Interfaces (stabilized maintenance of ANSI ATIS 0300208-2013 (R2018))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR ATIS 0300216-2013 (S202x), ISDN Management - Basic Rate Physical Layer (stabilized maintenance of ANSI ATIS 0300216-2013 (R2018))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR ATIS 0300217-2013 (S202x), ISDN Management - Primary Rate Physical Later (stabilized maintenance of ANSI ATIS 0300217-2013 (R2018))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300002-2018 (R202x), XML Schema Interface for POTS Service Test (reaffirmation of ANSI/ATIS 0300002-2018)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300075-2018 (R202x), Usage Data Management Architecture and Protocols Requirements for Packet-Based Application Services (reaffirmation of ANSI/ATIS 0300075-2018)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300209-2018 (R202x), OAM&P - Network Tones and Announcements (reaffirmation of ANSI/ATIS 0300209-2018)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300211-2018 (R202x), Information Interchange - Structure and Coded Representation of National Security and Emergency Preparedness (NS/EP) Telecommunications Service Priority (TSP) Codes for the North American Telecommunications System (reaffirmation of ANSI/ATIS 0300211-2018)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300247-2018 (R202x), OAM&P - Performance Management Functional Area Services and Information Model for Interfaces between Operations Systems and Network Elements (reaffirmation of ANSI/ATIS 0300247 -2018)

AWS (American Welding Society)

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

BSR/AWS A5.1/A5.1M-202x, Specification for Carbon Steel Electrodes for Shielded Metal Arc Welding (new standard)

AWS (American Welding Society)

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

BSR/AWS A5.19-1992 (S202x), Specification for Magnesium Alloy Welding Electrodes and Rods (stabilized maintenance of ANSI/AWS A5.19-1992 (R2015))

AWS (American Welding Society)

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

BSR/AWS A5.18/A5.18M-202x, Specification for Carbon Steel Electrodes and Rods for Gas Shielded Arc Welding (revision of ANSI/AWS A5.18/A5.18M-2021)

AWS (American Welding Society)

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

BSR/AWS A5.22/A5.22M-202x, Specification for Stainless Steel Flux Cored and Metal Cored Welding Electrodes and Rods (new standard)

AWS (American Welding Society)

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

BSR/AWS A5.28/A5.28M-202x, Specification for Low-Alloy Steel Electrodes and Rods for Gas Shielded Arc Welding (revision of ANSI/AWS A5.28/A5.28M-2022)

AWS (American Welding Society)

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

BSR/AWS A5.29/A5.29M-202x, Specification for Low-Alloy Steel Electrodes for Flux Cored Arc Welding (revision of ANSI/AWS A5.29/A5.29M-2022)

AWS (American Welding Society)

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

BSR/AWS C3.6M/C3.6-202x, Specification for Furnace Brazing (revision of ANSI/AWS C3.6M/C3.6-2022 AMD2)

AWS (American Welding Society)

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

BSR/AWS C3.7M/C3.7-202x, Specification for Aluminum Brazing (revision of ANSI/AWS C3.7M/C3.7-2011 (R2021))

AWS (American Welding Society)

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

BSR/AWS D14.9/D14.9M-202x, Specification for the Welding of Hydraulic Cylinders (revision of ANSI/AWS D14.9/D14.9M-2022)

CTA (Consumer Technology Association)

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

BSR/CTA 2088.2-202x, Baseline Cybersecurity for Private Consumer Robotics (new standard)
Interest Categories: CTA is seeking new members to join the consensus body. CTA and The R14 Cybersecurity and Privacy Management Committee are particularly interested in adding new members (called "users") who develops standards, recommended practices, and technical reports in the area of cybersecurity and privacy management, for developers of connected devices.

GISC (ASC Z97) (Glazing Industry Secretariat Committee)

730 Worcester Street, Springfield, MA 01151 | jcschi@eastman.com, www.ansiz97.com

BSR Z97.1-202x, Standard for Safety Glazing Materials used in Buildings - Safety Performance Specifications and Methods of Test (revision of ANSI Z97.1-2015 (R2020))

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 576-202x, Information Technology - Fibre Channel - Non-Volatile Memory Express - 3 (FC-NVMe-3) (new standard)

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Kyle.Krueger@necanet.org, www.neca-neis.org

BSR/NECA 91-202x, Recommended Practice for Maintaining Electrical Equipment (new standard)

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Kyle.Krueger@necanet.org, www.neca-neis.org

BSR/NECA 111-202X, Standard for Installing Nonmetallic Raceways (RNC, ENT, LFNC) (revision of ANSI/NECA 111 -2017)

NENA (National Emergency Number Association)

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

BSR/NENA STA-006.3-202x, NENA Standard for NG9-1-1 GIS Data Model (new standard)

NSF (NSF International)

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

BSR/NSF 245-202x (i35r1), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision and redesignation of ANSI/NSF 245-2022)

NSF (NSF International)

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

BSR/NSF/CAN 50-202x (i198r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2021)

TIA (Telecommunications Industry Association)

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

BSR/TIA 1005-B-202x, Telecommunication Infrastructure Standard for Industrial Premises (revision and redesignation of ANSI/TIA 1005-A-2012)

American National Standards (ANS) Process

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

Where to find Procedures, Guidance, Interpretations and More…

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

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

www.ansi.org/essentialrequirements

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

www.ansi.org/standardsaction

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

www.ansi.org/sdoaccreditation

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

www.ansi.org/asd

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

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

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

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

ECIA - Electronic Components Industry Association

Effective February 24, 2023

The reaccreditation of **ECIA - Electronic Components Industry Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ECIA-sponsored American National Standards, effective **February 24, 2023**. For additional information, please contact: Edward Mikoski, Electronic Components Industry Association (ECIA) | 13873 Park Center Road, Suite 315, Herndon, VA 20171 | (571) 323-0294, emikoski@ecianow.org; ldonohoe@ecianow.org

Approval of Reaccreditation – ASD

HL7 - Health Level Seven

Effective February 27, 2023

The reaccreditation of **HL7 - Health Level Seven** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on HL7-sponsored American National Standards, effective **February 27, 2023**. For additional information, please contact: Karen Van Hentenryck, Health Level Seven (HL7) | 3300 Washtenaw Avenue, Suite 227, Ann Arbor, MI 48104 | (313) 550-2073, Karenvan@HL7.org

Approval of Reaccreditation – ASD

NCSLI (ASC Z540) - National Conference of Standards LaboratoriesStandards Writing Group on Metrology and Testing

Effective February 15, 2023

The reaccreditation of **NCSLI (ASC Z540) - National Conference of Standards Laboratories Standards Writing Group on Metrology and Testing** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on NCSLI (ASC Z540)-sponsored American National Standards, effective **February 15, 2023**. For additional information, please contact: Jonathan Harben, National Conference of Standards Laboratories (NCSLI (ASC Z540)) | 5766 Central Avenue, Suite 150, Boulder, CO 80301 | (707) 577-4014, jon_harben@keysight.com

Approval of Reaccreditation – ASD

PHTA - Pool and Hot Tub Alliance

Effective February 22, 2023

The reaccreditation of **PHTA - Pool and Hot Tub Alliance** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on PHTA-sponsored American National Standards, effective **February 22, 2023**. For additional information, please contact: Genevieve Lynn, Pool and Hot Tub Alliance (PHTA) | 2111 Eisenhower Avenue, Suite 500, Alexandria, VA 22314 | (703) 838-0083, standards@phta.org

Accreditation Announcements (Standards Developers)

Public Review of Revised ASD Scope

CRRC - Cool Roof Rating Council

Comment on Scope Deadline: April 17, 2023

The **CRRC - Cool Roof Rating Council**, an ANSI Member and Accredited Standards Developer, has submitted revisions to its current SCOPE CRRC-sponsored American National Standards, under which it was last reaccredited in 2021. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Sarah Schneider, Cool Roof Rating Council (CRRC) | 2435 N. Lombard Street, Portland, OR 97217 | (503) 606-8448, sarah@coolroofs.org

Please submit any public comments on the revised procedures to CRRC by **April 17, 2023**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org)

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

ASSP (Safety) - American Society of Safety Professionals

Meeting Time: May 9, 2023

The American Society of Safety Professionals (ASSP) *is the secretariat for ANSI Z390 Committee for Hydrogen Sulfide Safety Training. The next Z390 meeting will take place virtually on May 9, 2023. Those interested in participating can contact ASSP for additional information at rblanchette@assp.org*

ANSI Accredited Standards Developer

ASSP (Safety) - American Society of Safety Professionals

Meeting: April 25-27, 2023

The **American Society of Safety Professionals (ASSP)** is the secretariat for the **ASSP Z359 Committee for Fall Arrest / Fall Protection**. The next Z359 meeting will take place in person on **April 25-27, 2023**. Those interested in participating can contact ASSP for additional information at LBauerschmidt@assp.org.

American National Standards Under Continuous Maintenance

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

AARST (American Association of Radon Scientists and Technologists)

AGA (American Gas Association)

AGSC (Auto Glass Safety Council)

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ASME (American Society of Mechanical Engineers)

ASTM (ASTM International)

GBI (Green Building Initiative)

HL7 (Health Level Seven)

Home Innovation (Home Innovation Research Labs)

IES (Illuminating Engineering Society)

ITI (InterNational Committee for Information Technology Standards)

MHI (Material Handling Industry)

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

NCPDP (National Council for Prescription Drug Programs)

NEMA (National Electrical Manufacturers Association)

NFRC (National Fenestration Rating Council)

NISO (National Information Standards Organization)

NSF (NSF International)

PRCA (Professional Ropes Course Association)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

AAFS
American Academy of Forensic Sciences
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Colorado Springs, CO 80904
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ABYC
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NENA
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TCNA (ASC A108)
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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

Agricultural food products (TC 34)

ISO/DIS 5553, Meat and meat products - Detection of condensed phosphates - 5/26/2023, $40.00

Aircraft and space vehicles (TC 20)

ISO/DIS 14300-1, Space systems - Programme management - Part 1: Structuring of a project - 5/15/2023, $102.00

Microbeam analysis (TC 202)

ISO/DIS 24173, Microbeam analysis - Guidelines for orientation measurement using electron backscatter diffraction - 5/27/2023, $112.00

Petroleum products and lubricants (TC 28)

ISO/DIS 12921, Petroleum products and lubricants - Determination of the mechanical stability of greases in presence of water - 5/25/2023, $40.00

ISO/DIS 23581, Petroleum products and related products - Determination of kinematic viscosity - Method by Stabinger type viscometer - 5/20/2023, $77.00

Rubber and rubber products (TC 45)

ISO/DIS 6806, Rubber hoses and hose assemblies for use in oil burners - Specification - 5/25/2023, $62.00

IEC Standards

All-or-nothing electrical relays (TC 94)

94/841/CD, IEC 61810-7-43 ED1: Electrical relays - Tests and Measurements - Part 7-43: Proof tracking index (PTI), 05/05/2023

Capacitors and resistors for electronic equipment (TC 40)

40/3038/DTS, IEC TS 60286-6-1 ED1: Packaging of components for automatic handling - Part 6-1: Bulk case packaging for miniaturized surface mounting components, 06/02/2023

Electric traction equipment (TC 9)

9/2942/CD, IEC 62590-2-2 ED1: Railway applications - Fixed installations - Electronic power converters - Part 2-2: DC Applications - Controlled converters, 06/02/2023

Electrical apparatus for explosive atmospheres (TC 31)

31G/364/DISH, IEC 60079-25/ISH1 ED1: Interpretation Sheet 1 - Electrical apparatus for explosive gas atmospheres - Part 25: Intrinsically safe systems, 04/21/2023

31G/365/DISH, IEC 60079-25/ISH1 ED2: Interpretation Sheet 1 - Explosive atmospheres - Part 25: Intrinsically safe electrical systems, 04/21/2023

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

97/253/FDIS, IEC 61820-3-4 ED1: Electrical installations for lighting and beaconing of aerodromes - Part 3-4: Safety secondary circuits in series circuits - General safety requirements, 04/21/2023

Electrical installations of buildings (TC 64)

64/2591/FDIS, IEC 60364-4-43 Ed. 4: Low-voltage electrical installations - Part 4-43: Protection for safety - Protection against overcurrent, 04/21/2023

Electrical installations of ships and of mobile and fixed offshore units (TC 18)

18/1816/NP, PNW 18-1816 ED1: Utility connections in port - Part 4: DC shore connection (DCSC) systems - General requirements, 06/02/2023

Electromagnetic compatibility (TC 77)

77B/861/CD, IEC 61000-4-41 ED1: Electromagnetic compatibility (EMC) - Part 4-41: Testing and measurement techniques - Broadband radiated immunity test, 05/05/2023

Environmental standardization for electrical and electronic products and systems (TC 111)

111/697/CD, IEC 62321-3-1 ED2: DETERMINATION OF CERTAIN SUBSTANCES IN ELECTROTECHNICAL PRODUCTS - Part 3-1: Elemental Screening by X-ray fluorescence spectrometry, 06/02/2023

111/691/CDV, IEC 63366 ED1: Product category rules for life cycle assessment of electrical and electronic products and systems., 06/02/2023

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

13/1885/CDV, IEC 62052-31 ED2: Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 31: Product safety requirements and tests, 06/02/2023

Fibre optics (TC 86)

86C/1857/CDV, IEC 61757-1-2 ED1: Fibre Optic Sensors - Part 1 -2: Strain measurement - Distributed sensing based on Brillouin scattering, 05/05/2023

Flat Panel Display Devices (TC 110)

110/1506/CD, IEC 63145-20-10 ED2: Eyewear display - Part 20 -10: Fundamental measurement methods - Optical properties, 05/05/2023

Industrial-process measurement and control (TC 65)

65/992/CD, IEC 63278-2 ED1: Asset Administration Shell for Industrial Applications - Part 2: Information meta model, 06/02/2023

65C/1250/DTS, IEC TS 63444 ED1: Industrial networks - Ethernet-APL Port Profile Specification, 06/02/2023

65/994/NP, PNW 65-994 ED1: Asset Administration Shell for Industrial Applications Part 4: Use Cases And Modelling Examples, 05/05/2023

Lamps and related equipment (TC 34)

34D/1690/CDV, IEC 60598-1 ED10: Luminaires - Part 1: General requirements and tests, 06/02/2023

34/1020(F)/FDIS, IEC 62386-252 ED1: Digital addressable lighting interface - Part 252: Particular requirements - Energy reporting (device type 51), 03/24/2023

Methods for the Assessment of Electric, Magnetic and Electromagnetic Fields Associated with Human Exposure (TC 106)

106/605/CD, IEC TR 63167 ED2: Assessment of contact current related to human exposure to electric, magnetic and electromagnetic fields, 06/02/2023

Performance of household electrical appliances (TC 59)

59C/284/CDV, IEC 60704-2-2 ED3: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-2: Particular requirements for fan heaters, 06/02/2023

Power system control and associated communications (TC 57)

57/2569/CDV, IEC 61968-9 ED3: Application integration at electric utilities - System interfaces for distribution management - Part 9: Interfaces for meter reading and control, 06/02/2023

57/2579(F)/FDIS, IEC 62351-9 ED2: Power systems management and associated information exchange - Data and communications security - Part 9: Cyber security key management for power system equipment, 04/07/2023

Semiconductor devices (TC 47)

47F/430/NP, PNW 47F-430 ED1: Semiconductor devices - Micro-electromechanical devices - Part 49: Reliability test methods of electro-mechanical conversion characteristics of piezoelectric MEMS cantilever, 06/02/2023

Solar photovoltaic energy systems (TC 82)

82/2123(F)/FDIS, IEC 62788-2-1 ED1: Measurement procedures for materials used in photovoltaic modules - Part 2-1: Polymeric materials - Frontsheet and backsheet - Safety requirements, 03/31/2023

82/2131/CD, IEC TS 63371-1 ED1: Materials used in photovoltaic (PV) cells - Part 1: Specifications for electrical characteristics of crystalline silicon wafers, 06/02/2023

82/2132/DTS, IEC TS 63392 ED1: Fire test for concentrator PV modules, 06/02/2023

Surface mounting technology (TC 91)

91/1847/FDIS, IEC 61249-2-51 ED1: Materials for printed boards and other interconnecting structures - Part 2-51: Reinforced base materials, clad and unclad - Base materials for Integrated circuit card carrier tape, unclad, 04/21/2023

Switchgear and controlgear (TC 17)

17C/893/CD, IEC 62271-208 ED1: High-voltage switchgear and controlgear - Part 208: Methods to quantify the steady state, power-frequency electromagnetic fields generated by HV switchgear assemblies and HV/LV prefabricated substations, 06/02/2023

(TC)

SyCSmartEnergy/222/CD, IEC TS 63417 ED1: Guide and plan to develop Smart energy Ontologies, 06/02/2023

Wearable electronic devices and technologies (TC 124)

124/218/NP, PNW 124-218 ED1: Future IEC 8XXXX-1: Wearable electronic textiles - Part 1: Test Methods for Performance of Heating Products - Part 1: Heating temperature and power consumption, 06/02/2023

Newly Published ISO & IEC Standards

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

ISO Standards

Agricultural food products (TC 34)

ISO 20715:2023, Tea - Classification of tea types, $77.00

Applications of statistical methods (TC 69)

ISO 7870-2:2023, Control charts - Part 2: Shewhart control charts, $210.00

Doors and windows (TC 162)

ISO 6612:2023, Windows and doors - Resistance to wind load - Test method, $77.00

Industrial furnaces and associated processing equipment (TC 244)

ISO 4529:2023, Industrial furnaces and associated processing equipment - Secondary steelmaking - Machinery and equipment for treatment of liquid steel, $237.00

Information and documentation (TC 46)

ISO 233-3:2023, Information and documentation - Transliteration of Arabic characters into Latin characters - Part 3: Persian language - Transliteration, $116.00

Paper, board and pulps (TC 6)

ISO 535:2023, Paper and board - Determination of water absorptiveness - Cobb method, $77.00

ISO 23772:2023, Pulps - Kraft liquor - Determination of residual alkali using potentiometric titration, $77.00

ISO 23774:2023, Pulps - Kraft liquor - Determination of total, active and effective alkali using potentiometric titration, $77.00

ISO 23777:2023, Pulps - Kraft liquor - Determination of hydrosulphide ion concentration using potentiometric titration, $77.00

Personal safety - Protective clothing and equipment (TC 94)

ISO 16976-5:2023, Respiratory protective devices - Human factors - Part 5: Thermal effects, $116.00

Petroleum products and lubricants (TC 28)

ISO 12924:2023, Lubricants, industrial oils and related products (Class L) - Family X (Greases) - Specifications, $77.00

Refrigeration (TC 86)

ISO 22712:2023, Refrigerating systems and heat pumps - Competence of personnel, $210.00

Road vehicles (TC 22)

ISO 11992-2:2023, Road vehicles - Interchange of digital information on electrical connections between towing and towed vehicles - Part 2: Application layer for brakes and running gear, $263.00

Rubber and rubber products (TC 45)

ISO 188:2023, Rubber, vulcanized or thermoplastic - Accelerated ageing and heat resistance tests, $157.00

Ships and marine technology (TC 8)

ISO 4845:2023, Ships and marine technology - Combined rigging for deep-sea mooring, $77.00

ISO 24482:2023, Large yachts - Navigational bridge visibility, $116.00

Solid biofuels (TC 238)

ISO 18123:2023, Solid biofuels - Determination of volatile matter, $77.00

Steel (TC 17)

ISO 13520:2023, Determination of ferrite content in austenitic stainless steel castings, $77.00

Terminology (principles and coordination) (TC 37)

ISO 24620-4:2023, Language resource management - Controlled human communication (CHC) - Part 4: Basic principles and methodology for stylistic guidelines (BSG), $157.00

Water quality (TC 147)

ISO 5667-1:2023, Water quality - Sampling - Part 1: Guidance on the design of sampling programmes and sampling techniques, $210.00

Welding and allied processes (TC 44)

ISO 4063:2023, Welding, brazing, soldering and cutting - Nomenclature of processes and reference numbers, $116.00

ISO Technical Specifications

Freight containers (TC 104)

ISO/TS 7352:2023, Freight containers - NFC or/and QR code seals, $77.00

Iron ores (TC 102)

ISO/TS 4689-1:2023, Iron ores - Determination of sulfur content - Part 1: Barium sulfate gravimetric method, $116.00

Paints and varnishes (TC 35)

ISO/TS 19392-5:2023, Paints and varnishes - Coating systems for wind-turbine rotor blades - Part 5: Measurement of transmittance properties of UV protective coatings, $77.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 1539-1:2018/Cor 2:2023, Corrigendum, FREE

ISO/IEC 30134-7:2023, Information technology - Data centres key performance indicators - Part 7: Cooling efficiency ratio (CER), $116.00

ISO/IEC 30161-1:2020, Internet of Things (IoT) - Requirements of IoT data exchange platform for various IoT services - Part 1: General requirements and architecture, $183.00

IEC Standards

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

IEC 61156-1 Ed. 4.0 b:2023, Multicore and symmetrical pair/quad cables for digital communications - Part 1: Generic specification, $367.00

S+ IEC 61156-1 Ed. 4.0 en:2023 (Redline version), Multicore and symmetrical pair/quad cables for digital communications - Part 1: Generic specification, $477.00

Environmental standardization for electrical and electronic products and systems (TC 111)

IEC 62321-12 Ed. 1.0 b:2023, Determination of certain substances in electrotechnical products - Part 12: Simultaneous determination - Polybrominated biphenyls, polybrominated diphenyl ethers and phthalates in polymers by gas chromatography-mass spectrometry, $278.00

Fibre optics (TC 86)

IEC 60794-2-10 Ed. 3.0 b:2023, Optical fibre cables - Part 2-10: Indoor optical fibre cables - Family specification for simplex and duplex cables, $190.00

S+ IEC 60794-2-10 Ed. 3.0 en:2023 (Redline version), Optical fibre cables - Part 2-10: Indoor optical fibre cables - Family specification for simplex and duplex cables, $247.00

Flat Panel Display Devices (TC 110)

IEC 62715-6-22 Ed. 1.0 en:2023, Flexible display devices - Part 6-22: Crease and waviness measurement methods, $234.00

Industrial-process measurement and control (TC 65)

IEC 61158-2 Ed. 7.0 b:2023, Industrial communication networks - Fieldbus specifications - Part 2: Physical layer specification and service definition, $512.00

IEC 61158-3-2 Ed. 3.0 en:2023, Industrial communication networks - Fieldbus specifications - Part 3-2: Data-link layer service definition - Type 2 elements, $329.00

IEC 61158-4-2 Ed. 5.0 en:2023, Industrial communication networks - Fieldbus specifications - Part 4-2: Data-link layer protocol specification - Type 2 elements, $512.00

IEC 61158-5-23 Ed. 3.0 en:2023, Industrial communication networks - Fieldbus specifications - Part 5-23: Application layer service definition - Type 23 elements, $455.00

IEC 61158-5-24 Ed. 2.0 en:2023, Industrial communication networks - Fieldbus specifications - Part 5-24: Application layer service definition - Type 24 elements, $455.00

IEC 61158-5-28 Ed. 1.0 b:2023, Industrial communication networks - Fieldbus specifications - Part 5-28: Application layer service definition - Type 28 elements, $417.00

Methods for the Assessment of Electric, Magnetic and Electromagnetic Fields Associated with Human Exposure (TC 106)

IEC 62232 Ed. 3.0 b:2022, Determination of RF field strength, power density and SAR in the vicinity of base stations for the purpose of evaluating human exposure, $512.00

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Specialty metals and minerals

Comment Deadline: April 10, 2023

AFNOR, the ISO member body for France, has submitted to ISO a proposal for a new field of ISO technical activity on Specialty metals and minerals, with the following scope statement:

Standardization in the field of specialty metals and minerals. It includes: terminology, classification, sampling, testing and chemical analysis methods, and delivery conditions.
A list of specialty metals and minerals is included as follows: antimony, beryllium, cobalt, chromium, graphite, niobium, platinum group metals.

Excluded:
— Finished products;
— Sustainability issues;
— Mining, already covered by ISO/TC 82 "Mining";
— Elements already covered by existing ISO technical committees: ISO/TC 18 "Zinc and zinc alloys", ISO/TC 20/SC 18 "Materials" (under ISO/TC 20 "Aircraft and space vehicles"), ISO/TC 26 "Copper and copper alloys", ISO/TC 79 "Light metals" (aluminum, titanium, magnesium), ISO/TC 132 "Ferroalloys" (manganese, chrome in ferroalloys), ISO/TC 155 "Nickel and nickel alloys", ISO/TC 183 "Copper, lead, zinc and nickel ores and concentrates", ISO/TC 298 "Rare earth", ISO/TC 333 "Lithium".

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on **Monday, April 10, 2023**.

Registration of Organization Names in the United States

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

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, trade associations, U.S domiciled standards development organizations and conformity assessment bodies, consumers, or U.S. government agencies may be interested in proposed foreign technical regulations notified by Member countries of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), Members are required to notify to the WTO Secretariat in Geneva, Switzerland proposed technical regulations that may significantly affect trade. In turn, the Secretariat circulates the notifications along with the full texts. The purpose of the notification requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final. The USA Enquiry Point for the WTO TBT Agreement is located at the National Institute of Standards and Technology (NIST) in the Standards Coordination Office (SCO). The Enquiry Point relies on the WTO's ePing SPS&TBT platform to distribute the notified proposed foreign technical regulations (notifications) and their full texts available to U.S. stakeholders. Interested U.S. parties can register with ePing to receive e-mail alerts when notifications are added from countries and industry sectors of interest to them. The USA WTO TBT Enquiry Point is the official channel for distributing U.S. comments to the network of WTO TBT Enquiry Points around the world. U.S. business contacts interested in commenting on the notifications are asked to review the comment guidance prior to submitting comments. For non-notified foreign technical barriers to trade for non-agricultural products, stakeholders are encouraged to reach out as early as possible to the Office of Trade Agreements Negotiations and Compliance (TANC) in the International Trade Administration (ITA) at the Department of Commerce (DOC), which specializes in working with U.S. stakeholders to remove unfair foreign government-imposed trade barriers. The U.S. Department of Agriculture's Foreign Agricultural Service actively represents the interests of U.S. agriculture in the WTO committees on Agriculture, Sanitary and Phytosanitary (SPS) measures and Technical Barriers to Trade (TBT). FAS alerts exporters to expected changes in foreign regulations concerning food and beverage and nutrition labeling requirements, food packaging requirements, and various other agriculture and food related trade matters. Working with other Federal agencies and the private sector, FAS coordinates the development and finalization of comments on measures proposed by foreign governments to influence their development and minimize the impact on U.S. agriculture exports. FAS also contributes to the negotiation and enforcement of free trade agreements and provides information about tracking regulatory changes by WTO Members. The Office of the United States Trade Representative (USTR) WTO & Multilateral Affairs (WAMA) office has responsibility for trade discussions and negotiations, as well as policy coordination, on issues related technical barriers to trade and standards-related activities.

Online Resources:
WTO's ePing SPS&TBT platform: https://epingalert.org/
Register for ePing: https://epingalert.org/en/Account/Registration
WTO committee on Agriculture, Sanitary and Phytosanitary (SPS) measures:
https://www.wto.org/english/tratop_e/sps_e/sps_e.htm
WTO Committee on Technical Barriers to Trade (TBT): https://www.wto.org/english/tratop_e/tbt_e/tbt_e.htm
USA TBT Enquiry Point: https://www.nist.gov/standardsgov/usa-wto-tbt-enquiry-point
Comment guidance:
https://www.nist.gov/standardsgov/guidance-us-stakeholders-commenting-notifications-made-wto-members-tbt-committee
NIST: https://www.nist.gov/
TANC: https://www.trade.gov/office-trade-agreements-negotiation-and-compliance-tanc
Examples of TBTs: https://tcc.export.gov/report_a_barrier/trade_barrier_examples/index.asp.
Report Trade Barriers: https://tcc.export.gov/Report_a_Barrier/index.asp.
USDA FAS: https://www.fas.usda.gov/about-fas
FAS contribution to free trade agreements: https://www.fas.usda.gov/topics/trade-policy/trade-agreements
Tracking regulatory changes: https://www.fas.usda.gov/tracking-regulatory-changes-wto-members
USTR WAMA: https://ustr.gov/trade-agreements/wto-multilateral-affairs/wto-issues/technical-barriers-trade
Contact the USA TBT Enquiry Point at (301) 975-2918; E usatbtep@nist.gov or notifyus@nist.gov.

BSR/ASHRAE Addendum k
to ANSI/ASHRAE Standard 62.1-2022

Public Review Draft

Proposed Addendum k to Standard 62.1-2022, Ventilation and Acceptable Indoor Air Quality

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

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

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

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

ASHRAE, 180 Technology Parkway, Peachtree Corners, Georgia 30092

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

FOREWORD

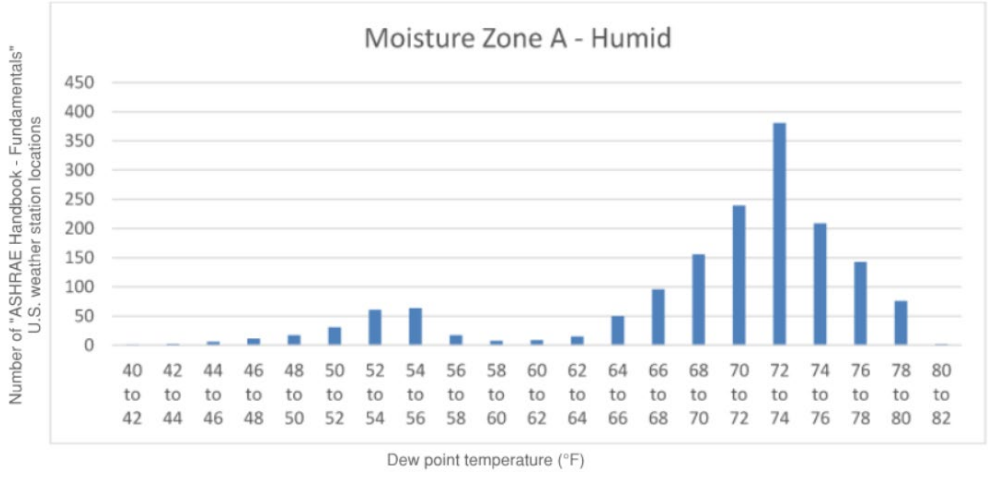
The language of Section 5.12 has been further clarified in response to several continuous maintenance proposals. The revised language utilizes ASHRAE terminology to make the requirements succinct and breaks the requirements into clearly defined components for the limit and the controls.

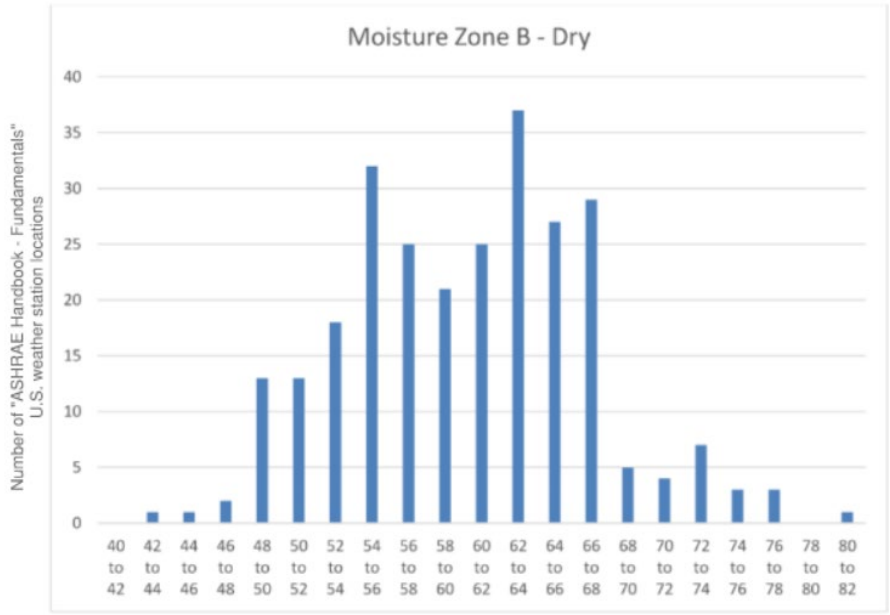
Because this section now requires humidity control in each zone, the analysis requirements became superfluous and have been removed.

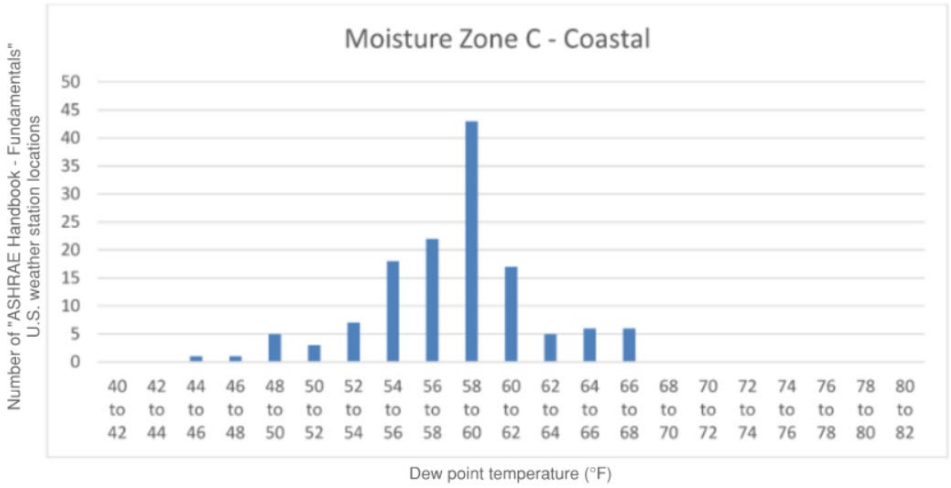
The newly added controls section stipulates that the HVAC system must be able to limit the humidity, but does not stipulate specific means, equipment, or sensors to do so.

An exception has been added to exclude buildings in zones where the local climate does not regularly exceed dew point temperatures above 68°F (20°C), and thus are unlikely to cause mold growth within building materials as a result of condensation due to cycling or intermittent cooling system operation. The 68°F (20°C) criteria excludes much of the ASHRAE "B" (dry) climate zone and all of the "C" (marine) climate zone from the humidity limit requirement. See the charts below.

Because mold growth occurs when the average surface relative humidity is high for a period of time, the humidity limit exception that includes time components has been revised. The 60-hour time component allows the cooling/dehumidification system to be disabled for a weekend. The 30-day average time component helps ensure the zones will spend more time at or below the humidity limit than above it. The 2019 ASHRAE Handbook – HVAC Applications Chapter 64 notes that a risk factor for dampness-related problems is "failing to ensure that system operation during unoccupied periods keeps the indoor dew point low enough to maintain a water activity below 0.8 in building materials and furnishings (30-day average surface relative humidity below 80% in surfaces cooled by air conditioning systems)". The same chapter recommends, "Ensure that indoor surfaces of both occupied and unoccupied spaces are not cooled to temperatures so low as to create an average surface relative humidity of over 80% lasting for more than 30 days, or surfaces cold enough to allow condensation (ASHRAE Standard 160)."







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

Addendum k to 62.1-2022

Revise Section 5.12

5.12 Mechanically ~~and~~or ~~Indirectly~~ Evaporatively ~~Cooled Buildings~~Cooling Systems. Systems that cool by mechanical means or indirect evaporation shall be designed in accordance with the following sections:

5.12.1 Humidity Limit. ~~to limit the~~ The indoor humidity shall not exceed a ~~to a maximum~~ dew point temperature of 60°F (15°C) during both occupied and unoccupied hours in any zone. ~~whenever the outdoor air dew point is above 60°F (15°C). The dew-point limit shall not be exceeded when system~~

~~performance is analyzed with outdoor air at the dehumidification design condition (that is, design dew point and mean coincident dry-bulb temperatures) and with the space interior loads (both sensible and latent) at cooling design values and space solar loads at zero.~~

5.12.2 Controls. Devices and controls shall be provided to maintain the humidity at or below the limit defined in section 5.12.1.

Exceptions to 5.12:

1. Systems in locations where the outdoor dew point temperature is below 68°F (20°C) at the ASHRAE 2% annual dehumidification design condition.
~~1~~2. ~~Spaces~~Zones equipped with materials, assemblies, coatings, and furnishings that resist microbial growth and that are not damaged by continuously high indoor air humidity.
~~2. During overnight unoccupied periods not exceeding 12 hours, the 60°F (15°C) dew-point limit shall not apply, provided that indoor relative humidity does not exceed 65% at any time during those hours.~~
3. Indoor humidity shall be allowed to exceed the section 5.12.1 humidity limit continuously for a period of up to 60 hours provided the 30-day average humidity remains below the limit.

Informative Notes:

1. ASHRAE publishes design dehumidification conditions in the Climatic Design Information Chapter of the ASHRAE Handbook—Fundamentals.

2~~1~~. Examples of ~~spaces that are potentially~~ zones exempted by Exception ~~1~~2 ~~are~~include shower rooms, swimming pool enclosures, kitchens, spa rooms, or semi-cooled warehouse~~-spaces~~ that contain stored contents that are not damaged by continuously high indoor air humidity or microbial growth.

~~2. This requirement reduces the risk of microbial growth in buildings and their interstitial spaces, because it limits the mass of indoor water vapor that can condense or be absorbed into mechanically cooled surfaces. The dew-point limit is explicitly extended to unoccupied hours because of the extensive public record of mold growth in schools, apartments, dormitories, and public buildings that are intermittently cooled during unoccupied hours when the outdoor air dew point is above 60°F (15°C).~~

BSR/ASHRAE Addendum L
to ANSI/ASHRAE Standard 62.1-2022

Public Review Draft

Proposed Addendum L to Standard 62.1-2022, Ventilation and Acceptable Indoor Air Quality

Second Public Review (March 2023)
(Draft shows Proposed Changes to Current Standard)

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

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

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ASHRAE, 180 Technology Parkway, Peachtree Corners, Georgia 30092

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FOREWORD

This proposed addendum seeks to address emerging UV technologies that are capable of emitting specific wavelengths of light near to the current 185nm restriction that also produce ozone. The specific requirement is based on the ASHRAE Position Document on Filtration and Air Cleaning, which indicates that lamps that produce ozone are broadly categorized as those that emit wavelengths less than 200 nm.

Definitions of listed and labeled have also been provided to clarify that any national testing laboratory that lists and labels products may certify the performance to a listed standard, this includes not just UL-2998, but all other standards listed within the document.

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

Addendum L to 62.1-2022

Add the following Section 3 Definitions.

labeled: equipment, materials, or products to which has been affixed a label, seal, symbol, or other identifying mark of a nationally recognized testing laboratory, approved agency, or other organization concerned with product evaluation that maintains periodic inspection of the production of the above-labeled items and whose labeling indicates either that the equipment, material, or product meets identified standards or has been tested and found suitable for a specified purpose.

listed: equipment, materials, products, or services included in a list published by an approved organization and concerned with evaluation of products or services that maintains periodic inspection of production of listed equipment or materials or periodic evaluation of services and whose listing states either that the equipment, material, product, or service meets identified standards or has been tested and found suitable for a specified purpose.

electronic air cleaner (EAC): device or system for removing contaminants from air by a process that requires use of electrical power supplied to the air-cleaning technology.

Revise Section 5.9 as shown below.

5.9 Ozone Emitting ~~Generating~~ Devices. The use of ozone emitting ~~generating~~ devices shall comply with the following sections.

~~Exception to 5.9:~~ ~~Electronic devices used exclusively for the operation of HVAC equipment and controls.~~

~~***Informative Note:*** Ozone generation is expected from ozone generators, corona discharge technology, some ultraviolet lights, electronic devices that create chemical reactions within the system, and some devices using a high voltage (>480 V). Motors and relays are examples of electronic devices that would be exempt.~~

5.9.1 Air-Cleaning Devices. ~~Air-cleaning devices~~ Electronic air cleaners shall be listed and labeled in accordance with UL 2998.

~~***Informative Note:*** The use of devices not intended for air cleaning with the potential to generate ozone should be avoided.~~

5.9.2 Ultraviolet Devices. Ultraviolet generating devices in ~~supply air or~~ spaces or located in equipment, ducts, or plenums that supply or recirculate air to indoor spaces shall not ~~transmit~~ emit ~~185 nm~~ wavelengths less than 200 nm.

~~***Informative Note:*** Ultraviolet devices used in treatment of closed water systems may produce 185 nm wavelengths, which may generate ozone.~~

[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 –

Residential Wastewater Treatment Systems – Nitrogen Reduction

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8 Performance testing and evaluation

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8.4 Criteria

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8.4.3 Effluent quality

For purposes of determining system performance, only samples collected during design loading periods, described in Section 8.2.2, shall be used in the calculations. The data collected during the stress sequences shall not be included in the calculations but shall be included in the final report.

8.4.3.1 $CBOD_5$

The average $CBOD_5$ of all effluent samples shall not exceed 25 mg/L.

8.4.3.2 TSS

The average TSS of all effluent samples shall not exceed 30 mg/L.

8.4.3.3 Nitrogen

Average nitrogen reduction shall be a minimum of 50%. The average shall be calculated using the following formula:

$$\text{average nitrogen reduction} = \left(\frac{I - E}{I}\right) \times 100$$

where:

I = average of all influent total nitrogen samples, excluding stress and stress recovery periods
E = average of all effluent total nitrogen samples, excluding stress and stress recovery periods

8.4.3.4 pH

The average pH of all individual effluent samples shall be between 6.0 and 9.0 SU. The average pH is the sum of individual antilog (base-10) of the negative of the pH measurements taken during a given period, divided by the total number of measurements taken during the same period, transformed to a log (base-10) value. This will return a negative value. Change the sign from negative to positive to get the average pH.

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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/CAN Standard

Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and other Recreational Water Facilities

Evaluation criteria for materials, components, products, equipment, and systems for use at recreational water facilities

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26 Interactive waterplay venue surfacing systems

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26.6 Cleanability

A safety surfacing system, if cleaned in accordance with the MAHC 6.5.4.4 1 and 6.5.4.5, shall harbor fewer viable bacteria when compared to an untreated control surface. The cleanability of the safety surfacing system shall be tested in accordance with the method specified below.

26.6.1 Challenge microorganisms

— *Enterococcus faecium* ATCC 6569; and
— *Pseudomonas aeruginosa* ATCC 27313.**Error! Bookmark not defined.**

26.6.2 Sample requirements

2.0 in × 0.5 in plaques (carriers) of the safety surfacing system shall be provided for testing. If in application the safety surfacing system has any seams, the test carriers shall have seams. Seams shall be tested at the maximum allowable tolerance specified in the product manual.Test samples must be able to withstand sterilization conditions (autoclaving, dry heat, chemical sanitization, UV sterilization) without compromising its surface.

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BSR/UL UL 62841-4-3 Standard for Safety 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

The following is being recirculated for your review:

1. 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

PROPOSAL

K.8.3 Battery machines and **detachable battery packs** or **separable battery packs** shall be marked with additional information as follows:

– the business name and address of the manufacturer and, where applicable, his authorised representative. Any address shall be sufficient to ensure contact. Country or state, city and postal code (if any) are deemed sufficient for this purpose;

– designation of series or type,
allowing the technical identification of the product. This may be achieved by a combination of letters and/or numbers and may be combined with the designation of the machine.

NOTE 1 The term “designation of series or type” is also known as model number.

Battery machines shall also be marked with additional information as follows:

– the year of manufacture and a date code identifying at least the month of manufacture;

– designation of the machine,
designation of the machine may be achieved by a code that is any combination of letters, numbers or symbols providing that this code is explained by giving the explicit designation such as “lawnmower”, “mower” etc. in the instructions supplied with the machine;

NOTE 2 An example of such code is “A123-B”.

– for machines manufactured such that its parts are shipped separately for assembly by the end user, each part shall be marked with a distinct identification on the part or the package;

– “> 25 kg” if the mass of the machine is over 25 kg.

NOTE 3 In Europe, the following requirement applies:

Replacement of the sixth dash:

– the mass of the machine in kg.

~~K.8.3DV D2 Modification: *Delete the fourth dash and NOTE 3 from Clause K.8.3 of the part 4.*~~

K.8.3DV D2 Modification: *The sixth dash and NOTE 3 of Clause K.8.3 of the part 4 do not apply*

Separable battery packs and **detachable battery packs** shall also be marked with additional information as follows:

– the capacity assigned by the manufacturer in Ah or mAh, based on the rated capacity of the **cells** determined in accordance with IEC 61056-1, IEC 61960, IEC 61951-1 and IEC 61951-2, as applicable;

– for alkaline or other non-acid electrolyte **batteries**, the type of **battery** such as Li-Ion, NiCd and NiMH.

NOTE 4 In Canada and the United States of America, the following additional requirements apply.

A **battery** machine provided with a **detachable battery pack** or a **separable battery pack** shall be marked: "For use only with ___ battery", or the equivalent, where the underlined space is completed with the manufacturer's name or trademark, a catalog number, a series identification, or the equivalent, of the **battery** pack. Alternatively, the statement "See Instruction Manual for Additional Battery Packs" or the equivalent may be employed in addition to at least one **battery** pack referenced by catalog number.

A **detachable battery pack**, a **separable battery pack**, or a **battery** machine provided with an **integral battery** shall be marked "For use only with ___ charger", or the equivalent, where the underlined space is completed with the manufacturer's name or trademark, a catalog number, a series identification, or the equivalent, of the **charger**. Alternatively, the statement "See Instruction Manual for Additional Chargers," or the equivalent may be employed in addition to at least one **charger** referenced by catalog number.

For **rotary lawnmowers**, the **cutting means**, where replaceable during **user maintenance**, shall be marked to identify the part number(s) and the manufacturer, importer or supplier. This marking is not required to be clearly discernible from the outside of the machine.

NOTE 5 In the United States of America, the following additional requirements apply.

For **rotary lawnmowers** in accordance with 16 CFR 1205:

Rotary lawnmowers shall be marked with “Meets CPSC blade safety requirements” on the product.

If additional markings are used, they shall not give rise to misunderstanding.

Compliance is checked by inspection.

BSR/UL 343, Standard for Safety for Pumps for Oil Burning Appliances

1. Addition of Biodiesel (B100) requirements

PROPOSAL

SUPPLEMENT SA (normative) – PUMPS FOR OIL-BURNING APPLIANCES INTENDED FOR USE WITH BIODIESEL BLENDS B6-B20/B100

SA1 General

This supplement shall be used to evaluate pumps for oil-burning appliances intended for use with biodiesel blends B6-B20 and B100 as defined in ASTM D396 and ASTM D6751. All requirements of UL 343 apply unless modified or deleted by this supplement. This supplement also adds additional requirements for B6-B20/B100 blends.

SUPPLEMENT SB (normative) – TEST FLUIDS

SB1 Representative Aggressive Combustible Test Fuel Mixture

The test fluid designations represent the following:

FB25a – An aggressive test fluid containing 25 percent biodiesel with aggressive elements:

F = Reference Fuel F (No. 2 Grade S500) in accordance with the Standard Specification for Standard Test Method for Rubber Property – Effects of Liquids, ASTM D471.

B = Biodiesel (100 percent Soy feedstock) in accordance with the Standard Specification for Biodiesel Fuel Blend Stock (B100) for Middle Distillate Fuels, ASTM D6751.

a = Aggressive components to be mixed with B to form B100 as an aggressive Biodiesel Stock.

B100a – An aggressive test fluid containing 100 percent biodiesel with aggressive elements:

B = Biodiesel (100 percent Soy feedstock) in accordance with the Standard Specification for Biodiesel Fuel Blend Stock (B100) for Middle Distillate Fuels, ASTM D6751.

a = Aggressive components to be mixed with B to form B100 as an aggressive Biodiesel Stock.

The aggressive biodiesel containing <0.5 percent volume combined water and decanoic acid shall be based on the approximate formula below (*) to achieve a final 1.00 ±0.02 acid number of the mixture when measured in accordance with the Standard Test Method for Acid Number of Petroleum Products by Potentiometric Titration, ASTM 664.

0.2 percent volume acid water [2.60 g decanoic acid crystals/1000 g of deionized water](†)

The resulting solution, after mixing the above elements, shall have an acid number of 1.0 ±0.02. After the measurement is determined, an acid number not within the specification of 1.0 ±0.02 shall be adjusted with additional biodiesel fuel or decanoic acid added until the acid number is 1.0 ±0.02.

This fluid shall be used to condition samples when a test indicates this fluid is to be used. The test fluid shall be prepared just prior to use to minimize changes resulting from exposure to air and moisture and from interactions with storage and transfer containers.

Products intended to be rated for use with diesel fuel or diesel/biodiesel fuel blends with nominal biodiesel concentrations up to 20 percent (B0-B20) shall be evaluated using the FB25a test fluid as the only applicable test fluid.

(*) Note: The formula is approximate since each source of biodiesel may have variations in specific gravity and initial acid number that require measurement and final adjustment as specified.

(†) Note: Decanoic acid crystals are insoluble in water, so are recommended to be finely ground and thoroughly mixed in the overall solutions before acid number measurements are taken.

BSR/UL 719, Standard for Safety for Nonmetallic-Sheathed Cable

1. Tag Marking, Revised 6.2.3 and 6.2.9

PROPOSALS

6.2.3 If a copper-clad aluminum conductor or conductors are used, the AWG size of the conductors, wherever the size appears (on the tag, reel, or carton, or on a PVC surface), shall be followed by one of the designations, "AL (CU-CLAD)", "ALUMINUM (COPPER-CLAD)", "CU-CLAD AL", or "COPPER-CLAD ALUMINUM". ~~Tags, reels, and cartons for copper-clad aluminum cable shall have the following markings:~~

~~a) "Copper-clad aluminum shall be used only with equipment marked to indicate that it is for use with aluminum conductors. Terminate copper-clad aluminum with pressure wire connectors marked 'AL-CU' or 'CC-CU'".~~

~~b) For 12 – 10 AWG solid copper-clad aluminum "May be used with switches and receptacles with wire-binding screws or pressure-plate connecting mechanisms that are acceptable for use with solid copper conductors."~~

~~c) For 12 – 10 AWG stranded copper-clad aluminum "May be used with receptacles with wire-binding screws or pressure-plate connecting mechanisms that are acceptable for use with stranded copper conductors".~~

~~d) For 12 – 10 AWG stranded copper-clad aluminum "May be used with switches with wire-binding screws or pressure-plate connecting mechanisms that are acceptable for use with stranded copper conductors, if indicated either on the device or in the installation instructions".~~

~~e) "Where physical contact between any combination of copper-clad aluminum, copper, and aluminum conductors occurs in a wire connector, the connector shall be of a type marked for such intermixed use and the connection shall be limited to dry locations only."~~

6.2.9 If a compact-stranded copper conductor is used, the AWG size of the conductor – wherever the size appears (on the tag, reel, carton, or on or in the cable or insulated conductor) – shall be followed by COMPACT COPPER or COMPACT CU. The word COMPACT may be abbreviated CMPCT. ~~Tags, reels, and cartons for compact-stranded copper wire shall have the following marking: "Terminate with connectors identified for use with compact-stranded copper conductors"~~

BSR/UL 854, Standard for Safety for Service-Entrance Cables

PROPOSAL(S)

1. Tag Marking, Revised 45.5

45.5 Where a copper-clad aluminum conductor or conductors are used, the AWG or kcmil size of the conductor(s), wherever the size appears (on the tag, reel, or carton, or on or in the cable or insulated conductor), shall be followed by one of the designations "AL (CU-CLAD)", "ALUMINUM (COPPER-CLAD)", "CU-CLAD AL", or "COPPER-CLAD ALUMINUM". ~~Tags, reels, and cartons for cable containing any copper-clad aluminum shall have the following markings:~~

~~a) "Copper-clad aluminum shall be used only with equipment marked to indicate that it is for use with aluminum conductors. Terminate copper-clad aluminum with pressure wire connectors marked 'AL-CU' or 'CC-CU'."~~

~~b) For 12 – 10 AWG solid copper-clad aluminum "May be used with switches and receptacles with wire-binding screws or pressure-plate connecting mechanisms that are acceptable for use with solid copper conductors".~~

~~c) For 12 – 10 AWG stranded copper-clad aluminum "May be used with receptacles with wire-binding screws or pressure-plate connecting mechanisms that are acceptable for use with stranded copper conductors"~~

~~d) For 12 – 10 AWG stranded copper-clad aluminum "May be used with switches with wire-binding screws or pressure-plate connecting mechanisms that are acceptable for use with stranded copper conductors, if indicated either on the device or in the installation instructions".~~

~~e) "Where physical contact between any combination of copper-clad aluminum, copper, and aluminum conductors occurs in a wire connector, the connector shall be of a type marked for such intermixed use and the connection shall be limited to dry locations only".~~

BSR/UL 1203, Standard for Safety for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations

1. Addition of construction and testing requirements for secondary batteries.

PROPOSAL

2.4A Enclosures containing cells or batteries shall comply with Appendix A.

Appendix A Cells and Batteries

A.1 General

A.1.1 Batteries shall be securely mounted within the enclosure.

A.1.2 All cells and batteries shall be constructed and arranged in a manner that will prevent the leakage of electrolyte onto the inside of the enclosure.

A.1.3 Where user replacement of cells or batteries is possible, the design shall reduce the likelihood of reverse polarity installation and the equipment shall be marked in accordance with A.6.

A.2 Temperature Limiting devices

A.2.1 Batteries shall either meet both conditions in a) and b) or be fitted with a protective device as such that under short-circuit discharge conditions:

a) the external surface temperature of the cell or battery shall not exceed the continuous operating temperature specified by the cell or battery manufacturer, taking into account the local ambient temperature within the enclosure; and

b) the maximum discharge current shall not exceed that specified by the cell or battery manufacturer.

A.2.2 Where the continuous operating temperature and maximum discharge current cannot be maintained during an expected malfunction by the battery alone, a means is required to be employed which shall be located as close to the cell or battery terminal as is reasonably practicable, and be either:

a) a resistor or current-limiting device or circuit, which limits the current to the maximum continuous withdrawal current specified by the battery manufacturer; or

b) a fuse conforming with UL 248 series of Standards, selected so that the fusing characteristic prevents the maximum withdrawal current and allowable duration specified by the battery manufacturer from being exceeded. Where the fuse is of the replaceable type, a label shall be provided adjacent to the fuse holder, specifying the type of fuse to be used.

A.2.3 Batteries which are rated 1.5 Ah or less (at a 1 h discharge rate) and have a volume that is less than 1 % of the free volume of the enclosure, are not considered likely to incur excessive temperature or excessive electrolytic gas to enclosure space by polarity reversal, by reverse charging of a cell by other cells in the same battery, or by charging currents.

A.3 Charging of secondary cells

A.3.1 The charging conditions shall be as specified in the manufacturer's documentation and protective devices shall be fitted such that these conditions are not exceeded. The charging system shall be such that, even with a single malfunction in the charging system, the charger voltage and current do not exceed the limits specified by the manufacturer.

A.3.2 The charging circuits shall prevent battery overcharging and overdischarge by the use of a safety device(s) arranged to cut off the charging current if the voltage of any cell within the battery exceeds the maximum voltage specified by the cell manufacturer for this purpose. If diodes are used as the safety devices, the ratings of protection diodes shall comply with the following:

a) The voltage rating of a protection diode fitted to comply with A.3.2 shall be not less than the maximum open circuit voltage of the battery;

b) The voltage rating of series blocking diodes shall be not less than the maximum peak voltage inside the flameproof enclosure; and

c) The current rating of the protection diodes shall be not less than the maximum discharge current.

A.3.3 Discharging of secondary cells

A.3.4 The discharging conditions shall be as specified in the manufacturer's documentation and protective devices shall be fitted such that these conditions are not exceeded. The discharging system shall be such that, even with a single malfunction in the charging system, the discharge voltage and current do not exceed the limits specified by the manufacturer.

A.3.5 The discharging circuits for secondary lithium-ion cells shall prevent reverse charging by the use of a safety device(s) arranged to cut off the discharging current if the voltage of any cell within the battery exceeds the minimum voltage specified by the cell manufacturer for this purpose.

A.4 Battery ventilation

A.4.1 An electrical enclosure containing secondary batteries that is not tightly closed and gasketed (or similarly sealed) is considered sufficient for the dissipation of electrolytic gases (hydrogen and oxygen).

A.4.2 For a gasketed enclosure rated for Group A, B or for hydrogen, there is nothing additional required regarding the presence of an ignition source within the enclosure which is capable of causing ignition of hydrogen being evolved via battery charging within the enclosure.

A.4.3 For a gasketed enclosure rated for Group C, D, E, F or G and containing a battery that can evolve electrolytic gases during charging, the hydrogen gas can be continuously vented away with the use of drain and breather fittings located higher than the battery in every configuration in which the equipment can be mounted. The drain and breather fittings shall be suitable for the Group ratings of the enclosure.

A.4.4 Drain and breather fittings for Groups A, B, C or D shall comply with 13. Drain and breather fittings for Groups E, F or G shall comply with 39.

A.5 Tests

A.5.1 Battery Operating Temperature Test

A.5.1.1 The rated operating temperature of the battery shall not be exceeded during a temperature test when the equipment is subjected to maximum or minimum ambient temperature and, where relevant, the maximum rated external source of heating or cooling.

A.5.2 Charging Circuit Verification test

A.5.2.1 The charging circuit shall be determined to function as required by A.3.

A.5.3 Discharging Circuit Verification test

A.5.3.1 The discharging circuit shall be determined to function as required by A.3.3.

A.6 Marking and Instructions

A.6.1 Equipment containing batteries that are operator accessible shall be marked to indicate the type, size, and voltage of batteries to be used or marked with the specific battery (for example, by manufacturer and model number).

A.6.2 In addition to the Marking requirements in Section 60, the nameplate shall be marked with a statement consisting of the word "WARNING" and the following or equivalent wording: "Ignition capable battery inside. Do not open when an ignitable atmosphere is present. Keep assembly tightly closed when in operation."

A.6.3 Instructions shall describe how to remove and or replace the battery and the needed actions to be taken to prevent ignition of the surrounding atmosphere. Replacement details shall be provided by manufacturer name and part number or by the generic cell type.

2. Revisions to Clauses 21.10 and SB1.10 to include an exemption for sand-filled fuses using noncombustible granular materials from use as an ignition source during explosion testing.

PROPOSAL

21.10 For Class I, Groups A, B, C, or D locations, equipment having an internal fuse shall be subjected to explosion tests using a spark plug to ignite the flammable mixture, and by overload and short-circuit tests to determine the electrical and pressure effects resulting from rupture of the fuse.

Exception: equipment using cartridge fuses filled with noncombustible granular material need not be subjected to overload and short circuit tests in the presence of explosive atmospheres if the product is marked in accordance with the requirements of Clause 60.25.

60.25 Equipment that employs a cartridge fuse filled with noncombustible granular material in accordance with the exception to 21.10 or SB1.10 shall be marked, at a location visible when the fuse is being replaced, with the word "CAUTION " and the following or equivalent statement: "Risk of Ignition of Hazardous Atmospheres – Replace only with “x” fuse having the same voltage and current rating as the existing fuse." The manufacturer is to insert identification of the fuse filled with noncombustible granular material in the space marked "x ".

SB1.10 For Class I, Groups A, B, C, or D locations, equipment having an internal fuse shall be subjected to explosion tests using a spark plug to ignite the flammable mixture, and by overload and short-circuit tests to determine the electrical and pressure effects resulting from rupture of the fuse.

Exception: equipment using cartridge fuses filled with noncombustible granular material need not be subjected to overload and short circuit tests in the presence of explosive atmospheres if the product is marked in accordance with the requirements of Clause 60.25.