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Project Initiation Notification System (PINS)

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

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. Use the following Public Document Library url to access PDF & EXCEL reports of approved & proposed ANS: List of Approved and Proposed ANS

Directly and materially affected interests wishing to receive more information or to submit comments are requested to contact the standards developer directly within 30 days of the publication of this announcement.

ASME (American Society of Mechanical Engineers)

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

New Standard

BSR/ASME B46.1-1-202x, Surface Texture of Parts Fabricated by Additive Manufacturing (new standard)

Stakeholders: Designers, producers, manufacturers, constructors, owners, utility, operators, consultants, users, general interest, laboratory, regulatory/government, testing services, distributors.

Project Need: Surface textures of parts fabricated by additive manufacturing (AM) have different considerations from those of machined parts. This standard will expand upon ASME B46.1-2019, subsection B-5 “Surface Texture of Parts Fabricated by Additive Manufacturing” by incorporating enhanced clarity based on growing knowledge of the subject area.

Scope: This Standard will provide common terminology and methods for producing, controlling, and inspecting surfaces of parts fabricated by additive manufacturing (AM). Achieving reproducible measurements and gauging the range of variability for surface textures of AM parts are among the topics that will be addressed.

AWS (American Welding Society)

Stephen Hedrick; steveh@aws.org | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Revision

BSR/AWS B4.0-202x, Standard Methods for Mechanical Testing of Welds (revision and redesignation of ANSI/AWS B4.0, AMD1-2021)

Stakeholders: Welding industry, test laboratories, users of welding processes.

Project Need: The welding industry needs common standard test methods so that welds can be tested and compared to requirements of acceptance criteria.

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

Scope: Mechanical test methods that are applicable to welds and welded joints are described. For each testing method, information is provided concerning applicable standards Institute (ANSI), American Society for Testing and Materials (ASTM), and American Petroleum Institute (API) documents; the required testing apparatus, specimen preparation, procedure to be followed, and report requirements are also described.

AWS (American Welding Society)

Stephen Hedrick; steveh@aws.org | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Revision

BSR/AWS D18.2-202x, Guide to Weld Discoloration Levels on Inside of Austenitic Stainless Steel Tube (revision of ANSI/AWS D18.2-2020)
Stakeholders: Welders, food preparation, designers.

Project Need: This standard is needed to provide a comparison guide used to specify surface discoloration criteria for welds in austenitic stainless steel.

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

Scope: This standard addresses factors that affect weld discoloration on the inside of austenitic stainless steel tube. The document contains a color illustration relating the discoloration to the oxygen content of the backing shielding gas.

AWS (American Welding Society)

Stephen Hedrick; steveh@aws.org | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Revision

BSR/AWS D18.1/D18.1M-202x, Specification for Welding of Austenitic Stainless Steel Tube and Pipe Systems in Sanitary (Hygienic) Applications (revision of ANSI/AWS D18.1/D18.1M-2020)
Stakeholders: Welders, food service, designers.

Project Need: This document is needed to provide requirements for welds in tubing systems in dairy and other food processing plants.

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

Scope: This specification provides the requirements for welds in tubing systems in dairy and other food processing plants. The document addresses qualifications, fabrication, extent of visual examination, acceptance criteria, and documentation requirements.

AWS (American Welding Society)

Stephen Hedrick; steveh@aws.org | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Revision

BSR/AWS G1.6-202x, Specification for the Training, Qualification, and Company Certification of Thermoplastic Welding Inspector Specialists and Thermoplastic Welding Inspector Assistants (revision of ANSI/AWS G1.6-2022)
Stakeholders: Plastic welders, plastic welding inspectors, employers.

Project Need: Provides guidance on the training, qualification, and company certification of thermoplastic welding inspectors.

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

Scope: This specification defines the requirements and program for an employer (company) to train, qualify, and company certify Thermoplastic Welding Inspector Specialists and Thermoplastic Welding Inspector Assistants to contract or industry-specific inspector standards. The program is developed as a written practice and controlled by an employer. The qualification requires documentation of experience, training, and satisfactory completion of an examination.

AWS (ASC Z49) (American Welding Society)

Stephen Hedrick; steveh@aws.org | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Revision

BSR/AWS Z49.1-202x, Safety in Welding, Cutting, and Allied Processes (revision of ANSI/AWS Z49.1-2021)
Stakeholders: Welders, welding supervisors, welding educators.

Project Need: This standard is needed to provide safety and health guidance to welders and supervisors of welders.

Interest Categories: Professional Society, General Interest, Producer, User, Labor

Scope: This standard covers all aspects of safety and health in the welding environment, emphasizing oxygen gas and arc welding processes with some coverage given to resistance and high-energy beam welding, brazing, and soldering. It contains information on protection of personnel and the general area, ventilation, fire prevention and protection, and confined spaces. A significant section is devoted to precautionary information, showing examples, and an extensive bibliography is included.

EOS/ESD (ESD Association, Inc.)

Jennifer Kirk; jkirk@esda.org | 218 W. Court Street | Rome, NY 13440 www.esda.org

Revision

BSR/ESD STM11.11-202x, ESD Association Standard Test Method for Protection of Electrostatic Discharge Susceptible Items - Surface Resistance Measurement of Planar Materials (revision of ANSI/ESD STM11.11-2021)
Stakeholders: Electronics industry including telecom, consumer, medical, and industrial.

Project Need: This standard test method defines the test procedure, equipment, sample preparation, and conditioning needed to achieve reproducible surface resistance measurements.

Interest Categories: User, Manufacturer, Supplier, General Interest

Scope: This standard test method defines a direct-current measurement to determine the surface resistance of planar materials, without regard to the conduction mechanism. This procedure is intended for measuring the surface resistance of materials that are ≥ 1.0 x 10e4 ohms and < 1.0 x 10e11 ohms.
NOTE: This test method has been shown to have a repeatability of approximately one-half order of magnitude through inter-laboratory tests.

ESTA (Entertainment Services and Technology Association)

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

Revision

BSR/E1.21-202x, Entertainment Technology - Temporary Structures Used for Technical Production of Outdoor Entertainment Events (revision of ANSI/E1.21-2020)
Stakeholders: Building and fire code officials, entertainment event producers, event production companies, technicians, and performers.

Project Need: ANSI E1.21-2020 is being opened for revision to incorporate new information regarding requirements for weather preparedness and operations management plans, and to stay current with evolving industry practices.

Interest Categories: Mass-Market Producers, Custom Market Producers, Designers, Equipment Dealers (Sales) and Rental, Users, and General Interest

Scope: This document establishes a minimum level of design and performance parameters for the design, manufacturing, use and maintenance of temporary ground-supported structures used in the production of outdoor entertainment and special events. The purpose of this guidance is to ensure the structural reliability and safety of these structures. It does not address fire safety, or safe egress (crowd management) issues.

FM (FM Approvals)

Josephine Mahnken; josephine.mahnken@fmapprovals.com | 1151 Boston-Providence Turnpike | Norwood, MA 02062
www.fmglobal.com

Revision

BSR/FM 3265-202x, Spark Detection and Extinguishing Systems (revision of ANSI/FM 3265-2017)
Stakeholders: Any manufacturing process or facility that moves ignitable material via ductwork or conveyors and the like. Woodworking and textile Industries primarily.

Project Need: To reduce or eliminate the fire hazard created by ignitable sparks or embers within ductwork, conveyors, or chutes commonly found in the woodworking and textile products industry. This revision will focus on minor technical updates to address/clarify the testing of electrical circuits and corrections to some references to hydraulic tests that were made incorrectly.

Interest Categories: Producer, User, General Interest

Scope: This standard provides minimum guidelines for the detection of sparks or embers within a pre-determined area and the extinguishment via application of a pre-determined amount of water spray within the duct or conveyor. In essence, a detection area or zone is monitored and a short-duration extinguishing spray is applied that is intended to minimize damage to the process and production downtime associated with the fire hazard. The system is intended as a process protection system and not a building evacuation system, although it could be tied to one.

ICC (International Code Council)

Karl Aittaniemi; kaittaniemi@iccsafe.org | 4051 Flossmoor Road | Country Club Hills, IL 60478 www.iccsafe.org

Revision

BSR/CSA B805/ICC 805-202x, Rainwater Harvesting Systems (revision of ANSI/CSA B805/ICC 805-2018)
Stakeholders: Consumers, building engineers, rainwater system designers, rainwater system installers, environmental interests.

Project Need: Rainwater systems are capable of producing high-quality water, but only if properly designed, installed, and maintained. Increased efforts in many locales to make use of this sustainable water source have created the need for a standard method for the design, installation, and maintenance of these systems for use in a wide range of applications and settings.

Scope: As part of periodic maintenance, CSA B805/ICC 805 will undergo an update to be consistent with current industry practices. This standard applies to the design, installation, and maintenance of rainwater collection systems intended to collect, store, treat, distribute, and utilize rainwater for potable and non-potable applications. This standard is intended to apply to new rainwater collection installations as well as alterations, additions, maintenance, and repair to existing installations. Includes systems designed for residential, commercial, industrial, and agricultural applications.

ISANTA (International Staple, Nail and Tool Association)

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

Revision

BSR SNT-101-202x, Safety Requirements for Portable Compressed-Air-Actuated Fastener Driving Tools (revision of ANSI SNT-101-2015)
Stakeholders: Producers, tool owners and users, distributors, employers, general interest.

Project Need: The “Safety Requirements for Portable, Compressed-Air-Actuated, Fastener Driving Tools” contains safety requirements for tool manufacturers, tool purchasers, and tool operators, and is intended to provide safeguards for persons and property from accidental hazards arising from the use of compressed-air-actuated fastening tools, often referred to as “nail guns” by users and operators. It is also intended to assist government and other regulatory bodies in the development, promulgation, and enforcement of appropriate safety directives.

Interest Categories: Producer, User, General Interest

Scope: ANSI SNT-101 sets forth safety requirements for tool manufacturers, owners, employers (including self-employed contractors), designers, safety professionals, supervisors, operators, purchasers, and other persons concerned with or responsible for the safe use of these tools and users in the design, construction, use, repair, and maintenance of these tools. The tools are powered by compressed air. The tools drive nails, staples and other fasteners, typically in the industrial size range. The covered tools are used for fastening applications that generally, but by no means exclusively, involve wood-to-wood connections as found in commercial and residential building construction (framing; sheathing; decking; flooring; insulation; finish work; factory-built units and components; and coverings for walls, ceilings and roofs, etc.); carton closure; and the manufacture of furniture, box-spring assemblies, containers (boxes, pallets, crating, etc.), cabinets, etc.

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

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

National Adoption

INCITS/ISO 19148:2021 [202x], Geographic information - Linear referencing (identical national adoption of ISO 19148:2021 and revision of INCITS/ISO 19148:2012 [R2017])
Stakeholders: ICT industry.

Project Need: Adoption of this International Standard is beneficial to the ICT industry.

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

Scope: Specifies a conceptual schema for locations relative to a one-dimensional object as measurement along (and optionally offset from) that object. It defines a description of the data and operations required to use and support linear referencing. This document is applicable to transportation, utilities, environmental protection, location-based services, and other applications which define locations relative to linear objects. For ease of reading, most examples discussed in this document come from the transportation domain.

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

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

National Adoption

INCITS/ISO/IEC 9797-2:2021 [202x], Information security - Message authentication codes (MACs) - Part 2: Mechanisms using a dedicated hash-function (identical national adoption of ISO/IEC 9797-2:2021 and revision of INCITS/ISO/IEC 9797-2:2011 [R2017])
Stakeholders: ICT industry.

Project Need: Adoption of this International Standard is beneficial to the ICT industry.

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

Scope: Specifies MAC algorithms that use a secret key and a hash-function (or its round-function or sponge function) to calculate an m-bit MAC. These mechanisms can be used as data integrity mechanisms to verify that data has not been altered in an unauthorized manner.

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

National Adoption

INCITS/ISO/IEC 11770-5:2020 [202x], Information security - Key management - Part 5: Group key management (identical national adoption of ISO/IEC 11770-5:2020 and revision of INCITS/ISO/IEC 11770-5:2011 [R2017])
Stakeholders: ICT industry.

Project Need: Adoption of this International Standard is beneficial to the ICT industry.

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

Scope: Specifies mechanisms to establish shared symmetric keys between groups of entities. It defines: symmetric key-based key establishment mechanisms for multiple entities with a key distribution centre (KDC); and symmetric key establishment mechanisms based on a general tree-based logical key structure with both individual rekeying and batch rekeying.

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

National Adoption

INCITS/ISO/IEC 18033-1:2021 [202x], Information security - Encryption algorithms - Part 1: General (identical national adoption of ISO/IEC 18033-1:2021 and revision of INCITS/ISO/IEC 18033-1:2015 [2017])
Stakeholders: ICT industry.

Project Need: Adoption of this International Standard is beneficial to the ICT industry.

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

Scope: This document is general in nature and provides definitions that apply in subsequent parts of the ISO/IEC 18033 series. It introduces the nature of encryption and describes certain general aspects of its use and properties.

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

National Adoption

INCITS/ISO/IEC 19795-1:2021 [202x], Information technology - Biometric performance testing and reporting - Part 1: Principles and framework (identical national adoption of ISO/IEC 19795-1:2021 and revision of INCITS/ISO/IEC 19795-1:2006 [R2017])
Stakeholders: ICT industry.

Project Need: Adoption of this International Standard is beneficial to the ICT industry.

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

Scope: Establishes general principles for testing the performance of biometric systems in terms of error rates and throughput rates for purposes including prediction of performance, comparison of performance, and verifying compliance with specified performance requirements. Specifies performance metrics for biometric systems. Specifies requirements on test methods, recording of data, and reporting of results. Provides a framework for developing and describing test protocols, to help avoid bias due to inappropriate data collection or analytic procedures, to help achieve the best estimate of field performance for the expended effort, and to improve understanding of the limits of applicability of the test results.

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

National Adoption

INCITS/ISO/IEC 28360-1:2021 [202x], Information Technology - Determination of Chemical Emission Rates from Electronic Equipment - Part 1: Using Consumables (identical national adoption of ISO/IEC 28360-1:2021)
Stakeholders: ICT industry.

Project Need: Adoption of this International Standard is beneficial to the ICT industry.

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

Scope: Specifies methods to determine chemical emission rates of analytes from ICT & CE equipment during intended operation in an Emission Test Chamber (ETC). This document (all parts) includes specific methods for equipment using consumables, such as printers, and equipment not using consumables, such as monitors and PC's.

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

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

National Adoption

INCITS/ISO/IEC 28360-2:2018 [202x], Information technology - Office equipment - Determination of chemical emission rates from electronic equipment - Part 2: Not using-consumables (identical national adoption of ISO/IEC 28360-2:2018 and revision of INCITS/ISO/IEC 28360:2015 [2017])
Stakeholders: ICT industry.

Project Need: Adoption of this International Standard is beneficial to the ICT industry.

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

Scope: Specifies methods to determine chemical emission rates of analyte from ICT & CE equipment during intended operation in an Emission Test Chamber (ETC). This Standard (all parts) includes specific methods for equipment using consumables, such as printers, and equipment not using consumables, such as monitors and PC's. Part 2 specifies the methods to determine chemical emission rates of analyte from electronic equipment not using consumables. The methods comprise preparation, sampling (or monitoring) in a controlled ETC, storage and analysis, calculation, and reporting of emission rates.

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

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

National Adoption

INCITS/ISO/IEC 29192-2:2019 [202x], Information security - Lightweight cryptography - Part 2: Block ciphers (identical national adoption of ISO/IEC 29192-2:2019 and revision of INCITS/ISO/IEC 29192-2:2012 [R2017])
Stakeholders: ICT industry.

Project Need: Adoption of this International Standard is beneficial to the ICT industry.

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

Scope: Specifies three block ciphers suitable for applications requiring lightweight cryptographic implementations:
- PRESENT: A lightweight block cipher with a block size of 64 bits and a key size of 80 or 128 bits;
- CLEFIA: A lightweight block cipher with a block size of 128 bits and a key size of 128, 192, or 256 bits;
- LEA: A lightweight block cipher with a block size of 128 bits and a key size of 128, 192 or 256 bits.

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

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

National Adoption

INCITS/ISO/IEC 17991:2021 [202x], Information technology - Office equipment - Method for measuring scanning productivity of digital scanning devices (identical national adoption of ISO/IEC 17991:2021 and revision of INCITS/ISO/IEC 17991:2015 [2017])
Stakeholders: ICT industry.

Project Need: Adoption of this International Standard is beneficial to the ICT industry.

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

Scope: Specifies a method for determining scanning productivity by measuring "scanning speed", "scan to network folder speed", and "scan to PC speed". It includes test files, test setup procedure, test procedure, and the reporting requirements for the scanning productivity measurements. This document is applicable to scanning devices including but not limited to multi-function devices, networked scanners, and single-function scanners of any underlying scanning technology.

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

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

National Adoption

INCITS/ISO/IEC 20919:2021 [202x], Information technology - Linear tape file system (LTFS) Format specification (identical national adoption of ISO/IEC 20919:2021 and revision of INCITS/ISO/IEC 20919:2016 [2017])
Stakeholders: ICT industry.

Project Need: Adoption of this International Standard is beneficial to the ICT industry.

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

Scope: Defines the LTFS Format requirements for interchanged media that claims LTFS compliance. Those requirements are specified as the size and sequence of data blocks and file marks on the media, the content and form of special data constructs (the LTFS Label and LTFS Index), and the content of the partition labels and use of MAM parameters.

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

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

National Adoption

INCITS/ISO/IEC 22275:2018 [202x], Information Technology - Programming Languages, Their Environments, and System Software Interfaces - ECMAScript® Specification Suite (identical national adoption of ISO/IEC 22275:2018 and revision of INCITS/ISO/IEC 16262:2011 [R2017])
Stakeholders: ICT industry.

Project Need: Adoption of this International Standard is beneficial to the ICT industry.

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

Scope: Defines the ECMAScript Specification Suite containing the ECMAScript programming language and its required and optional built-in libraries. It defines all the necessary components (both normative and informative) that is needed to implement this suite of standards. This suite does not change if one or more components are updated by a new standard edition. The suite changes only when new components are added and/or old components are removed from it.

NFPA (National Fire Protection Association)

Patrick Foley; PFoley@nfpa.org | One Batterymarch Park | Quincy, MA 02269-9101 www.nfpa.org

Revision

BSR/NFPA 556-202x, Guide on Methods for Evaluating Fire Hazard to Occupants of Passenger Road Vehicles (revision of ANSI/NFPA 556-2020)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Scope: This guide addresses issues associated with the development of hazardous conditions from fire involving passenger road vehicles and the time available for safe egress or rescue. This document provides guidance toward a systematic approach of the determination of the relationship between the properties of passenger road vehicles, including the materials, components, and systems, and the development of hazardous conditions in the vehicle. This approach can include small-scale testing, full-scale testing of systems or entire vehicles, and computer modeling techniques in specified, well-defined scenarios. The principles and concepts presented in this guide provide a methodology that can be used to determine the effects of changes in design or in the properties of materials, components, and assemblies in passenger road vehicles on the development of hazardous fire conditions in passenger road vehicles in response to specified well-defined scenarios. This guide provides a methodology that can be used in the selection of materials and design of components and systems, with the intent of providing a desired level of fire safety to occupants in passenger road vehicles in response to specific fire scenarios.
The PINS notice was delayed and drafts are ready to be announced for public comment soon in accordance with NFPA's procedures.

NFPA (National Fire Protection Association)

Patrick Foley; PFoley@nfpa.org | One Batterymarch Park | Quincy, MA 02269-9101 www.nfpa.org

Revision

BSR/NFPA 820-202x, Standard for Fire Protection in Wastewater Treatment and Collection Facilities (revision of ANSI/NFPA 820-2020)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need

Scope: This standard shall establish minimum requirements for protection against fire and explosion hazards in wastewater treatment plants and associated collection systems, including the hazard classification of specific areas and processes. Other NFPA standards should be consulted for additional requirements relating to wastewater treatment and collection facilities. This standard shall apply to the following: (1) Collection sewers, (2) Trunk sewers, (3) Intercepting sewers, (4) Combined sewers, (5) Storm sewers, (6) Pumping stations, (7) Wastewater treatment plants, (8) Sludge-handling facilities, (9) Chemical-handling facilities; (10) Treatment facilities, and (11) Ancillary structures (see 3.3.60.1). This standard shall not apply to the following: (1) Collection, treatment, or disposal of industrial wastes or manufactured by-products that are treated on-site and not discharged to a publicly or privately operated municipal facility, (2) On-site treatment systems (see 3.3.61.1), (3) Pressure sewer systems (see 3.3.54.8), (4) Building drain systems and appurtenances (see 3.3.5), (5) Industrial sewer systems and appurtenances (see 3.3.54.5), (6) Personnel safety from toxic and hazardous materials or products of combustion, and (7) Separate nonprocess-related structures (see 3.3.60.2).
The PINS notice was delayed and drafts are ready to be announced for public comment soon in accordance with NFPA's procedures.

VITA (VMEbus International Trade Association (VITA))

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

Revision

BSR/VITA 65.0-202x, OpenVPX System Standard (revision of ANSI/VITA 65.0-2021)
Stakeholders: Manufacturers, suppliers, and users of modular embedded computers.

Project Need: Add new profiles to ANSI/VITA 65.

Interest Categories: General Interest, Producer, User

Scope: The OpenVPX System Standard was created to bring versatile system architectural solutions to the VPX market. Based on the extremely flexible VPX family of standards, the OpenVPX standard uses Plug-In Module mechanical, connectors, thermal, communications protocols, utility, and power definitions provided by specific VITA standards to define a series of Slot, Backplane, Module, and Standard Development Chassis Profiles. This revision adds additional profiles, additional communication protocols, higher speed copper connectors, and a new naming methodology for Module Profiles.

VITA (VMEbus International Trade Association (VITA))

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

Revision

BSR/VITA 65.1-202x, OpenVPX System Standard - Profile Tables (revision of ANSI/VITA 65.1-2021)
Stakeholders: Manufacturers, suppliers, and users of modular embedded computers.

Project Need: Add new profiles to ANSI/VITA 65.1.

Interest Categories: General Interest, Producer, User

Scope: This standard documents variations of Slot, Backplane, and Modules Profiles. As part of the Slot Profile Description, there are also some Connector Modules defined. This document is primarily tables, which are referenced by VITA 65.0. This revision adds additional profiles, additional communication protocols, higher speed copper connectors, and a new naming methodology for Module Profiles.

VITA (VMEbus International Trade Association (VITA))

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

New Standard

BSR/VITA 68.3-202x, Reference SI Model Standard for Gen4 and Higher Speeds (new standard)
Stakeholders: Manufacturers and users of embedded VPX modules.

Project Need: Specify electrical requirements for serial fabrics on VPX modules.

Interest Categories: General Interest, Producer, User

Scope: This standard documents a reference model approach for OpenVPX Signal Integrity compliance at baud rates above 10.3125 Gbaud. It defines reference OpenVPX Plug-In Module and backplane s-parameter models that can be used to create end-end OpenVPX reference channels in conjunction with reference VPX connector and device s-parameter models. Signal Integrity compliance for an OpenVPX Plug-In Module or backplane is based on simulation of end-end channel compliance against the requirements of the applicable protocol standard.

VITA (VMEbus International Trade Association (VITA))

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

Revision

BSR/VITA 74.0-202x, Compliant System Small Form Factor Module (VNX) Base Standard (revision of ANSI/VITA 74.0-2017)
Stakeholders: Manufacturers, suppliers, and users of modular embedded computers.

Project Need: Address need to develop a standard for small light weight electronic module for applications in mobile environments.

Interest Categories: General Interest, Producer, User

Scope: This standard meets the growing needs for improved Size, Weight and Power (SWaP) with a rugged, low-cost, fast serial fabric interconnect-based Plug-In Module, whilst leveraging many proven features of existing VITA standards. This revision documents the migration from VITA 74 VNX to VITA 90 VNX+ family of standards, adds revised voltage levels for specific signals, as well as updated connector part numbers and drawings.

VITA (VMEbus International Trade Association (VITA))

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

New Standard

BSR/VITA 90.0-202x, VNX+ Base Standard (new standard)
Stakeholders: Manufacturers, suppliers, and users of modular embedded computers.

Project Need: Provide improved system performance to VITA 74 - VNX.

Interest Categories: General Interest, Producer, User

Scope: This document is the base standard for an Enhanced Small-Form Factor System that meets the growing needs of improved Size, Weight, and Power (SWaP) with a rugged, low-cost, fast serial fabric interconnect-based Plug-In Module. The VITA 90.x family of standards builds on the foundation established by VITA 74 VNX. VNX+ significantly increases performance and system versatility beyond VITA 74, while following its mechanical framework.

VITA (VMEbus International Trade Association (VITA))

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

New Standard

BSR/VITA 90.1-202x, VNX+ Profile Tables (new standard)
Stakeholders: Manufacturers, suppliers, and users of modular embedded computers.

Project Need: Provide definitions of profiles for VNX+.

Interest Categories: General Interest, Producer, User

Scope: This standard documents variations of Slot, Backplane, and Modules Profiles. This document is primarily tables which are referenced by VITA 90.0.

VITA (VMEbus International Trade Association (VITA))

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

New Standard

BSR/VITA 90.2-202x, VNX+ Optical and Coax Apertures (new standard)
Stakeholders: Manufacturers, suppliers, and users of modular embedded computers.

Project Need: Provide definitions for optical and coax apertures in VNX+ systems.

Interest Categories: General Interest, Producer, User

Scope: This standard defines the configuration of Optical and RF/Video Coaxial signals used for blind mating of Optical and RF/Video contacts in VNX+ systems.

VITA (VMEbus International Trade Association (VITA))

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

New Standard

BSR/VITA 90.3-202x, VNX+ Power Supply and Storage Modules (new standard)
Stakeholders: Manufacturers, suppliers, and users of modular embedded computers.

Project Need: Provide definitions for Power Supply and Storage Modules in VNX+ systems.

Interest Categories: General Interest, Producer, User

Scope: This standard defines the requirements to implement VNX+ compatible Power Conversion and Energy Storage Plug-In Modules in VNX+ systems.

VITA (VMEbus International Trade Association (VITA))

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

New Standard

BSR/VITA 90.4-202x, VNX+ Cooling and Mounting Systems (new standard)
Stakeholders: Manufacturers, suppliers, and users of modular embedded computers.

Project Need: Provide definitions for cooling and mounting in VNX+ systems.

Interest Categories: General Interest, Producer, User

Scope: This standard defines alternate retention and thermal management system features in VNX+ systems. These features include wedge locks, heat pipes, mounting hardware, retention mechanisms, and chassis interfaces.

VITA (VMEbus International Trade Association (VITA))

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

New Standard

BSR/VITA 90.5-202x, SpaceVNX+ (new standard)
Stakeholders: Manufacturers, suppliers, and users of modular embedded computers in space applications.

Project Need: Provide a definition for use of VNX+ modules and systems for use on space.

Interest Categories: General Interest, Producer, User

Scope: This standard defines a scalable, portable, resilient, and modular VNX+ Architecture used in small spacecraft.

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: March 20, 2022

AARST (American Association of Radon Scientists and Technologists)

527 N. Justice Street, Hendersonville, NC 28739 | StandardsAssist@gmail.com, www.aarst.org

Revision

BSR/AARST RMS-LB-202x, Radon Mitigation Standards for Schools and Large Buildings (revision of ANSI/AARST RMS-LB-2020)
This standard of practice specifies minimum requirements for methods that mitigate risks to occupants posed by radon gas, chemical vapors, or other hazardous soil gases that are present within existing schools and large buildings. This proposed revision to Section 9.1 (post-mitigation functional evaluations) is the result of harmonization efforts for ANSI/AARST SGM-SF, ANSI/AARST RMS-MF, and ANSI/AARST RMS-LB.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: StandardsAssist@gmail.com

AARST (American Association of Radon Scientists and Technologists)

527 N. Justice Street, Hendersonville, NC 28739 | StandardsAssist@gmail.com, www.aarst.org

Revision

BSR/AARST RMS-MF-202x, Radon Mitigation Standards for Multifamily Buildings (revision of ANSI/AARST RMS-MF-2020)
This standard of practice specifies minimum requirements for methods that mitigate risks to occupants posed by radon gas, chemical vapors, or other hazardous soil gases that are present within existing multifamily buildings. This proposed revision to Section 9.1 (post-mitigation functional evaluations) is the result of harmonization efforts for ANSI/AARST SGM-SF, ANSI/AARST RMS-MF, and ANSI/AARST RMS-LB.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: StandardsAssist@gmail.com

Comment Deadline: March 20, 2022

AARST (American Association of Radon Scientists and Technologists)

527 N. Justice Street, Hendersonville, NC 28739 | StandardsAssist@gmail.com, www.aarst.org

Revision

BSR/AARST SGM-SF-202x, Soil Gas Mitigation Standards for Existing Homes (revision of ANSI/AARST SGM-SF -2020)
This standard of practice specifies minimum requirements for methods that mitigate risks to occupants posed by radon gas, chemical vapors, or other hazardous soil gases that are present within existing homes. This proposed revision to Section 9.1 (post-mitigation functional evaluations) is the result of harmonization efforts for ANSI/AARST SGM-SF, ANSI/AARST RMS-MF, and ANSI/AARST RMS-LB.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: StandardsAssist@gmail.com

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

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

New Standard

BSR/ASHRAE Standard 15.2P-202x, Safety Standard for Refrigeration Systems in Residential Applications (new standard)
5th Public Review (Independent Substantive Change) of BSR/ASHRAE Standard 15.2P, Safety Standard for Refrigeration Systems in Residential Applications. This independent substantive change draft to the previous public review draft incorporates input from comments received during the previous public review draft to improve the draft standard.
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 | arose@nsf.org, www.nsf.org

Revision

BSR/NSF 305-202x (i31r1), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2016)
This Standard specifies materials, processes, production criteria, and conditions that shall be met in order for personal care products to make organic label and marketing claims under this Standard. This Standard intends to address products with a minimum organic content of 70% (O70).
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Allan Rose; arose@nsf.org

Comment Deadline: March 20, 2022

RESNET (Residential Energy Services Network, Inc.)

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

Revision

BSR/RESNET/ICC 380-202x, Standard for Testing Airtightness of Building, Dwelling Unit, and Sleeping Unit Enclosures; Airtightness of Heating and Cooling Air Distribution Systems; and Airflow of Mechanical Ventilation Systems (revision and redesignation of ANSI/RESNET/ICC 380-2019)
This project is the triennial update to Standard ANSI/RESNET/ICC 380-2019. The standard establishes procedures for testing the airtightness of dwelling enclosures, airtightness of space heating and cooling air distribution systems, and the airflow of mechanical ventilation systems. Its primary use is in evaluating the energy performance of homes.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: RESNET using the online comment form which is accessed by following the “STANDARDS AND AMENDMENTS CURRENTLY OUT FOR PUBLIC COMMENT” link on webpage: https://www.resnet.us/about/standards/resnet-ansi/

UL (Underwriters Laboratories)

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

National Adoption

BSR/UL 62915-202x, Standard for Photovoltaic (PV) Modules - Type Approval, Design and Safety Qualification - Retesting (national adoption with modifications of IEC 62915)
(1) Modifications to the first edition of the UL IEC-Based Technical Specification for Photovoltaic (PV) Modules - Type Approval, Design and Safety Qualification - Retesting, UL 62915.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

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

Revision

BSR/UL 231-202X, Standard for Safety for Power Outlets (revision of ANSI/UL 231-2021)
This project covers the following proposal topic: Inclusion of requirements for metallic mounting posts and pedestals in Section 7.1. The original version of this topic was proposed by UL on December 24, 2021.
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 4, 2022

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 070-202x, Standard for Examination of Handwritten Items (new standard)
This standard provides procedures used by forensic document examiners for examinations and comparisons involving handwritten items. These procedures apply to the examination and comparison of questioned and known items or of exclusively questioned items. The procedures in this standard include evaluation of the sufficiency of the material (questioned, or known, or both) available for examination. The particular methods employed in a given case depend upon the nature of the material available for examination. This standard might not cover all aspects of unusual or uncommon examinations of handwritten items. This standard cannot replace the requisite knowledge, skills, or abilities acquired through task-specific education, training, research, and experience.
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.
Order from: Document will be provided electronically on AAFS Standards Board website (www.aafs.org/academy-standards-board) free of charge.
Send comments (copy psa@ansi.org) to: asb@aafs.org

ACI (American Concrete Institute)

38800 Country Club Drive, Farmington Hills, MI 48331 | shannon.banchero@concrete.org, www.concrete.org

New Standard

BSR/ACI CODE-440-202x, Building Requirements for Structural Concrete Reinforced with Glass Fiber-Reinforced Polymer (GFRP) Bars - Code and Commentary (new standard)
This code provides minimum requirements for the materials, design, and detailing of nonprestressed glass fiber-reinforced polymer (GFRP) reinforcement in structural concrete.
Single copy price: Free
Obtain an electronic copy from: https://www.concrete.org/publications/standards/upcomingstandards.aspx
Order from: Shannon Banchero; shannon.banchero@concrete.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: April 4, 2022

ASABE (American Society of Agricultural and Biological Engineers)

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

National Adoption

BSR/ASABE AD22000-202x MONYEAR, Food safety management systems - Requirements for any organization in the food chain (national adoption with modifications of ISO 22000:2018)
Food safety is related to the presence of food safety hazards at the time of consumption (intake by the consumer). Food safety hazards can occur at any stage of the food chain. Therefore, adequate control throughout the food chain is essential. Food safety is ensured through the combined efforts of all the parties in the food chain. This document specifies the requirements for a FSMS that combines the following generally recognized key elements: interactive communication; system management; prerequisite programmes; and hazard analysis and critical control point (HACCP) principles.
Single copy price: $75.00
Obtain an electronic copy from: walsh@asabe.org
Order from: Jean Walsh; walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME B16.10-202x, Face-to-Face and End-to-End Dimensions of Valves (revision of ANSI/ASME B16.10 -2017)
This Standard covers face-to-face and end-to-end dimensions of straightway valves, and center-to-face and center-to-end dimensions of angle valves.
Single copy price: Free
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Andres Carrion; CarrionA@asme.org

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME OM-202x, Operation and Maintenance of Nuclear Power Plants, Package 2 (revision of ANSI/ASME OM-2020)
Establish the requirements for preservice and inservice testing and examination of certain components (ex: pumps, valves, pressure relief devices, dynamic restraints) to assess their operational readiness in light-water reactor power plants. It identifies the components subject to test or examination, responsibilities, methods, intervals, parameters to be measured and evaluated, criteria for evaluating the results, corrective action, personnel qualification, and record keeping.
Single copy price: Free
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Oliver Martinez; martinezo@asme.org

Comment Deadline: April 4, 2022

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME/ANS RA-S-1.1-202x, Standard for Level 1 / Large Early Release Frequency Probabilistic Risk Assessment for Nuclear Power Plant Applications (revision and redesignation of ANSI/ASME RA-S-2008 (R2019))
This Standard sets forth requirements for probabilistic risk assessments (PRAs) used to support risk-informed decisions for commercial nuclear power plants, and prescribes a method for applying these requirements for specific applications.
Single copy price: Free
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Oliver Martinez; martinezo@asme.org

BIFMA (Business and Institutional Furniture Manufacturers Association)

678 Front Avenue NW, Grand Rapids, MI 49504 | dpanning@bifma.org, www.bifma.org

Revision

BSR/BIFMA X6.5-202x, Home Office and Occasional-Use Desk, Table and Storage Products (revision and redesignation of ANSI/BIFMA/SOHO S6.5-2008 (R2013))
This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of storage and desk-type furniture intended for use in the small office and/or home office.
Single copy price: Free
Obtain an electronic copy from: dpanning@bifma.org
Send comments (copy psa@ansi.org) to: David Panning; dpanning@bifma.org

CSA (CSA America Standards Inc.)

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

National Adoption

BSR/CSA/ISO Z23550-202x, Safety and control devices for gas and/or oil burners and appliances - General requirements (national adoption with modifications of ISO 23550)
This document specifies safety, construction, performance and testing requirements for controls for gas burners and gas-burning appliances for use with natural gas, manufactured gas, or liquefied petroleum gas (LPG). This document applies to controls for use at maximum operating pressures up to and including 500 kPa. This document provides the general requirements that are intended to be the basis for the specific control standards found in the ISO 23551 and ISO 23552 series.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

Comment Deadline: April 4, 2022

EOS/ESD (ESD Association, Inc.)

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

Revision

BSR/EOS ESD STM5.5.1-202X, ESD Association Standard Test Method for Electrostatic Discharge (ESD) Sensitivity Testing - Transmission Line Pulse (TLP) - Device Level (revision of ANSI/ESD STM5.5.1-2017)
The scope and focus of this document pertain to TLP testing techniques of active and passive (semiconductor) components. The focus of the document is on the quasi-static application of TLP testing techniques. However, the techniques can also be applied to study the transient behavior of such components.
Single copy price: $145.00 (List)/$115.00 (EOS Members) [Hard Cover]; $135.00 (List)/$105.00 (EOS Members) [Soft Cover]
Obtain an electronic copy from: cearl@esda.org
Order from: Christina Earl; cearl@esda.org
Send comments (copy psa@ansi.org) to: Christina Earl; cearl@esda.org

IEEE (ASC C2) (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | j.santulli@ieee.org, www.ieee.org

Revision

BSR ASC C2 NESC-202x, National Electrical Safety Code (NESC) Draft 2 (revision and redesignation of ANSI ASC C2 NESC-2017)
These rules cover supply and communication lines, equipment, and associated work practices employed by a public or private electric supply, communications, railway, or similar utility in the exercise of its function as a utility. They cover similar systems under the control of qualified persons, such as those associated with an industrial complex or utility interactive system. The NESC covers utility facilities and functions up to the service point.
Single copy price: $237.30
Obtain an electronic copy from: j.santulli@ieee.org
Send comments (copy psa@ansi.org) to: Jennifer Santulli; j.santulli@ieee.org

ISA (International Society of Automation)

67 Alexander Drive, Research Triangle Park, NC 27709 | crobinson@isa.org, www.isa.org

Revision

BSR/ISA 96.02.01-202x, Guidelines for the Specification of Electric Valve Actuators (revision of ANSI/ISA 96.02.01-2016)
This standard covers the development of specifications, minimum design requirements, and sizing criteria for electric valve actuators.
Single copy price: $99.00
Obtain an electronic copy from: crobinson@isa.org
Send comments (copy psa@ansi.org) to: Charley Robinson; crobinson@isa.org

Comment Deadline: April 4, 2022

ISA (International Society of Automation)

67 Alexander Drive, Research Triangle Park, NC 27709 | crobinson@isa.org, www.isa.org

Revision

BSR/ISA 96.06.01-202x, Guidelines for the Specification of Self-Contained Electro-Hydraulic Valve Actuators (revision of ANSI/ISA 96.06.01-2014)
This standard provides requirements for the specification of self contained electro-hydraulic linear and rotary valve actuators, both double acting and single acting, used for on-off/isolating, positioning and continuous modulating duties.
Single copy price: $99.00
Obtain an electronic copy from: crobinson@isa.org
Send comments (copy psa@ansi.org) to: Charley Robinson; crobinson@isa.org

NCMA (National Contract Management Association)

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

Reaffirmation

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

NEMA (ASC C12) (National Electrical Manufacturers Association)

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

Revision

BSR C12.1-202x, Code for Electricity Metering (revision of ANSI C12.1-2016)
This standard establishes acceptable performance criteria for new types of ac watthour meters, demand meters, demand registers, pulse devices, and auxiliary devices. It also describes acceptable in-service performance levels for meters and devices used in revenue metering. It also includes information on related subjects, such as recommended measurement standards, installation requirements, test methods, and test schedules. This Code for Electricity Metering is designed as a reference for those concerned with the art of electricity metering, such as utilities, manufacturers, and regulatory bodies.
Single copy price: $391.00
Obtain an electronic copy from: pau_orr@nema.org
Order from: www.nema.org
Send comments (copy psa@ansi.org) to: Paul Orr; Pau_orr@nema.org

Comment Deadline: April 4, 2022

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02269-9101 | PFoley@nfpa.org, www.nfpa.org

NFPA FIRE PROTECTION STANDARDS DOCUMENTATION

The National Fire Protection Association announces the availability of the NFPA Second Draft Report for concurrent review and comment by NFPA and ANSI. These Second Draft Reports contain the disposition of public comment(s) that were received for standards in the Annual 2022 Revision Cycle (available for review on the next edition tab for each standard). All Notices of Intent to Make A Motion on the A2022 Revision Cycle Second Draft Report must be received by the following date: ***March 9, 2022.***

For more information on the rules and deadlines for NFPA standards in cycle, please check the NFPA website (www.nfpa.org) or contact Standards Administration at NFPA. Those who submit comments to NFPA's online submission system on the A2022 Revision Cycle Standards are invited to copy ANSI's Board of Standards Review.

New Standard

BSR/NFPA 1987-202x, Standard on Combination Unit Respirator Systems for Tactical and Technical Operations (new standard)

This standard shall specify the minimum requirements for the design, performance, testing, and certification of new combination unit respirator (CUR) systems and for the replacement parts, components, and accessories for such respirators.

Obtain an electronic copy from: www.nfpa.org/1987Next

Send comments (copy psa@ansi.org) to: www.nfpa.org/1987Next

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02269-9101 | PFoley@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 1986-202x, Standard on Respiratory Protection Equipment for Tactical and Technical Operations (revision of ANSI/NFPA 1986-2017)

This standard shall specify the minimum requirements for the design, performance, testing, and certification of new compressed breathing air open-circuit self-contained breathing apparatus (SCBA) and compressed breathing air combination open-circuit self-contained breathing apparatus and supplied air respirators (SCBA/SARs) and for the replacement parts, components, and accessories for these respirators. This standard shall not apply to respiratory protection equipment that is used for fire-fighting operations.

Obtain an electronic copy from: www.nfpa.org/1986Next

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

Comment Deadline: April 4, 2022

UL (Underwriters Laboratories)

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

Reaffirmation

BSR/UL 1322-2017 (R202x), Standard for Fabricated Scaffold Planks and Stages (reaffirmation of ANSI/UL 1322-2017)
These requirements cover the following; Wood, metal, or a combination of wood and metal-fabricated planks; Fabricated platforms for use with suspended, fixed, or rolling scaffold; Modular suspended platforms; Scaffold decks; Mobile work stands; and Work cages (baskets), and platforms with one, two, or multiple points. These requirements do not cover: Suspended scaffold components, and Accessories for use with or in the erection of fixed or rolling scaffolds, The construction or installation of scaffolding, hoists intended for use with suspended scaffolds, or suspended platforms utilizing angled or articulating sections. Welded frame and system scaffold assemblies are to be additionally evaluated to Testing and Rating Scaffold Assemblies and Components, ANSI/SSFI SC100-5/05.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Send comments (copy psa@ansi.org) to: Annabelle Hollen, Annabelle.Hollen@ul.org, https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

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

Reaffirmation

BSR/UL 1417-2012 (R202x), Standard for Special Fuses for Radio- and Television-Type Appliances (reaffirmation of ANSI/UL 1417-2012 (R2017))
(1) Reaffirmation and continuance of the sixth edition of the Standard for Special Fuses for Radio- and Television-Type Appliances, UL 1417, as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Kelly Smoke, kelly.smoke@ul.org

Comment Deadline: April 4, 2022

UL (Underwriters Laboratories)

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

Reaffirmation

BSR/UL 2344-2012 (R202x), Standard for Material Lifts (reaffirmation of ANSI/UL 2344-2012 (R2017))
These requirements cover manually, electrically, and pneumatically powered lifts. They are intended for the lifting and transport of materials and not for the movement or support of people. They are rated 250 volts or less, to be employed in nonhazardous environmental locations in accordance with the National Electrical Code, NFPA 70. This standard does not apply to the following equipment: Permanently installed material lifts, serving specific levels of a building and/or fitted with a car; Power operated lifting platforms for persons with impaired mobility; Mobile elevating work platforms; Vehicle lifts (for maintenance); and Powered forklift trucks.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Send comments (copy psa@ansi.org) to: Annabelle Hollen, Annabelle.Hollen@ul.org, https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

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

Reaffirmation

BSR/UL 120202-2014 (R202x), Standard for Safety for Recommendations for the Preparation, Content, and Organization of Intrinsic Safety Control Drawings (reaffirmation of ANSI/UL 120202-2014 (R2017))
(1) Reaffirmation and continuance of the first edition of the Standard for Safety for Recommendations for the Preparation, Content and Organization of Intrinsic Safety Control Drawings, UL 120202, as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

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

Revision

BSR/UL 1812-202x, Standard for Safety for Electric Heating Appliances (revision of ANSI/UL 499-2021)
(1) Proposed revisions to add acceptable cord type, XTW ror wood-burning appliances (pencils), and 1/2 lb (0.227 kg) and lighter soldering irons, guns or adhesive guns (hot melt); (2) Proposed revisions to add new sheathed heating element materials.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Kelly Smoke, kelly.smoke@ul.org

Comment Deadline: April 19, 2022

ASME (American Society of Mechanical Engineers)

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

Withdrawal

ANSI/ASME MFC-2M-1983 (R2013), Measurement Uncertainty for Fluid Flow in Closed Conduits (withdrawal of ANSI/ASME MFC-2M-1983 (R2013))
This Standard presents a working outline detailing and illustrating the techniques for estimating measurement uncertainty for fluid flow in closed conduits. The statistical techniques and analytical concepts applied in this standard are applicable in most measurement processes.
Single copy price: $50.00
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Michelle Pagano; paganom@asme.org

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 | alan.t.mcgrath@ul.org, https://ul.org/

National Adoption

BSR/UL 60730-2-5-202X, Standard for Automatic electrical controls - Part 2-5: Particular requirements for automatic electrical burner control systems (identical national adoption of IEC 60730-2-5 and revision of ANSI/UL 60730-2-5-2014)
This standard covers automatic electrical burner control systems for the automatic control of burners for oil, gas, coal, or other combustibles intended to be used:
- for household and similar use;
- in shops, offices, hospitals, and farms and commercial and industrial applications.

This Standard is applicable to:
- a complete burner control system;
- a separate programming unit;
- a separate electronic high-voltage ignition source;
- a separate flame detector;
- a separate high-temperature operation (HTO) detector; and
- a burner control system intended to be used in warm-air heating appliances (furnaces) where the appliance is equipped with an electromechanical differential pressure control to monitor the difference of the combustion air pressure (Type 2.AL).

This pressure control provides a switch as an alternative to one of the two switching elements to directly de-energize the safety-relevant terminals. Components of burner control systems such as electrodes, flame supervision, oxygen depletion safety shut-off systems (ODS), thermoelectric safety shut-off devices, pilot burners, thermocouples, fast-acting thermocouples, and other components are covered by this standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: April 19, 2022

UL (Underwriters Laboratories)

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

Revision

BSR/UL 1709-202x, Standard for Safety for Rapid Rise Fire Tests of Protection Materials for Structural Steel (revision of ANSI/UL 1709-2017)
This proposal covers: (1) Restructure of UL 1709 into two parts, such that Part 1 covers the general requirements for conducting a hydrocarbon fire test, including calibration, furnace conditions, etc., and Part 2 covers the specific testing requirements and conditions of acceptance for structural steel members protected by passive fire protection.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

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

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

API (American Petroleum Institute)

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

ANSI/API Specification 19G2-2010, Flow-control Devices for Side-pocket Mandrels
Questions may be directed to: Katie Burkle; burklek@api.org

Withdrawal of an ANS by ANSI-Accredited Standards Developer

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

API (American Petroleum Institute)

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

The requested standards actions listed below have not been approved by the ANSI Board of Standards Review (BSR).

ANSI/API Specification 19G2-2020, Flow-control Devices for Side-pocket Mandrels
Questions may be directed to: Katie Burkle; burklek@api.org

Final Actions on American National Standards

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

ANS (American Nuclear Society)

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

Reaffirmation

ANSI/ANS 8.26-2007 (R2022), Criticality Safety Engineer Training and Qualification Program (reaffirmation of ANSI/ANS 8.26-2007 (R2016)) Final Action Date: 2/10/2022

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

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

New Standard

ANSI/APCO 1.121.1-2022, Managing Operational Overload in the Emergency Communication Center (new standard) Final Action Date: 2/14/2022

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001-5571 | fusarop@api.org, www.api.org

Reaffirmation

ANSI/API 780-2013 (R2022), Security Risk Assessment Methodology for the Petroleum and Petrochemical Industries (reaffirmation of ANSI/API 780-2013) Final Action Date: 2/11/2022

Reaffirmation

ANSI/API Specification 19AC/ISO 14998, 1st Edition-2016 (R2022), Specification for Completion Accessories (reaffirmation of ANSI/API Specification 19AC/ISO 14998, 1st Edition-2016) Final Action Date: 2/7/2022

CRSI (Concrete Reinforcing Steel Institute)

933 N Plum Grove Road, Schaumburg, IL 60173 | atrygestad@crsi.org, www.crsi.org

Revision

ANSI/CRSI IPG4.1-2022, Stainless Steel Reinforcing Bar Fabrication Facilities (revision of ANSI/CRSI IPG4.1-2016) Final Action Date: 2/10/2022

CSA (CSA America Standards Inc.)

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

Revision

ANSI/CSA HGV 4.2-2022, Hoses for dispensing compressed gaseous hydrogen (revision of ANSI/CSA HGV 4.2 -2013 (R2019)) Final Action Date: 2/11/2022

HI (Hydraulic Institute)

6 Campus Drive, 1st Floor North, Parsippany, NJ 07054 | pgaydon@pumps.org, www.pumps.org

Revision

ANSI/HI 3.6-2022, Rotary Pump Tests (revision of ANSI/HI 3.6-2016) Final Action Date: 2/7/2022

Revision

ANSI/HI 9.6.6-2022, Rotodynamic Pumps for Pump Piping (revision of ANSI/HI 9.6.6-2016) Final Action Date: 2/8/2022

HI (Hydraulic Institute)

6 Campus Drive, Suite 104, Parsippany, NJ 07054-4406 | esuarez@pumps.org, www.pumps.org

Revision

ANSI/HI 14.6-2022, Rotodynamic Pumps for Hydraulic Performance Acceptance Tests (revision of ANSI/HI 14.6 -2016) Final Action Date: 2/7/2022

HL7 (Health Level Seven)

3300 Washtenaw Avenue, Suite 227, Ann Arbor, MI 48104 | Karenvan@HL7.org, www.hl7.org

New Standard

ANSI/HL7 FHIR IG SHORTHAND, R2-2022, HL7® FHIR® Implementation Guide: FHIR Shorthand, Release 2 (new standard) Final Action Date: 2/11/2022

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

18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448 | terry.burger@asse-plumbing.org;

Revision

ANSI/CSA B125.5/IAPMO Z600-2022, Flexible Water Connector with Excess Flow Shut-Off Devices (revision of ANSI/IAPMO Z600/CSA B125.5-2011 (R2016)) Final Action Date: 2/14/2022

IES (Illuminating Engineering Society)

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

New Standard

ANSI/IES LM-91 (C303)-2022, IES (Guide to) Approved Method: Application Distance Specific Radiometry (new standard) Final Action Date: 2/8/2022

NASBLA (National Association of State Boating Law Administrators)

1648 McGrathiana Parkway, Suite 360, Lexington, KY 40511 | pam@nasbla.org, www.nasbla.org

New Standard

ANSI/NASBLA 100-2022, Basic Boating Knowledge - Core (new standard) Final Action Date: 2/10/2022

Revision

ANSI/NASBLA 101-2022, Basic Boating Knowledge - Plus Human-Propelled (revision of ANSI/NASBLA 101-2017) Final Action Date: 2/10/2022

Revision

ANSI/NASBLA 102-2022, Basic Boating Knowledge - Plus Sailing (revision of ANSI/NASBLA 102-2017) Final Action Date: 2/10/2022

Revision

ANSI/NASBLA 103.1-2022, Supplement - Basic Boating Knowledge - Plus Water-Jet Propelled (revision of ANSI/NASBLA 103.1-2018) Final Action Date: 2/10/2022

Revision

ANSI/NASBLA 103-2022, Basic Boating Knowledge - Plus Power (revision of ANSI/NASBLA 103-2016) Final Action Date: 2/10/2022

NEMA (ASC C136) (National Electrical Manufacturers Association)

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

Reaffirmation

ANSI C136.19-2017 (R2022), Roadway and Area Lighting Equipment - High-Pressure Sodium (HPS) and Retrofit HPS Lamps for Mercury Ballasts - Guide for Selection (reaffirmation of ANSI C136.19-2017) Final Action Date: 2/7/2022

NEMA (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 1752, Arlington, VA 22209 | brian.marchionini@nema.org, www.nema.org

* *National Adoption*

ANSI/NEMA 62321-1-2013, Determination of certain substances in electrotechnical products - Part 1: Introduction and overview (identical national adoption of IEC 62321-1:2013) Final Action Date: 2/11/2022

* *National Adoption*

ANSI/NEMA 62321-2-2013, Determination of certain substances in electrotechnical products - Part 2: Disassembly, disjunction and mechanical sample preparation (identical national adoption of IEC 62321-2:2013) Final Action Date: 2/11/2022

* *National Adoption*

ANSI/NEMA 62321-5-2013, Determination of certain substances in electrotechnical products - Part 5: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS (identical national adoption of IEC 62321-5:2013) Final Action Date: 2/11/2022

* *National Adoption*

ANSI/NEMA 62321-6-2015, Determination of certain substances in electrotechnical products - Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography-mass spectometry (GC-MS) (identical national adoption of IEC 62321-6:2015) Final Action Date: 2/11/2022

* *National Adoption*

ANSI/NEMA 62321-8-2017, Determination of certain substances in electrotechnical products - Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas chromatography-mass spectrometry using a pyrolyzer/thermal desorption accessory (Py-TD-GC-MS) (identical national adoption of IEC 62321-8:2017) Final Action Date: 2/11/2022

* *National Adoption*

ANSI/NEMA 62321-10-2020, Determination of certain substances in electrotechnical products - Part 10: Polycyclic aromatic hydrocarbons (PAHs) in polymers and electronics by gas chromatography-mass spectrometry (GC-MS) (identical national adoption of IEC 62321-10:2020) Final Action Date: 2/11/2022

* *National Adoption*

ANSI/NEMA 62321-3-1-2013, Determination of certain substances in electrotechnical products - Part 3-1: Screening - Lead, mercury, cadmium, total chromium and total bromine using X-ray fluorescence spectrometry (identical national adoption of IEC 62321-3-1:2013) Final Action Date: 2/11/2022

NEMA (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 1752, Arlington, VA 22209 | brian.marchionini@nema.org, www.nema.org

* *National Adoption*

ANSI/NEMA 62321-3-2-2020, Determination of certain substances in electrotechnical products - Part 3-2: Screening - Fluorine, bromine and chlorine in polymer and electronics by combustion-ion chromatography (C-IC) (identical national adoption of IEC 62321-3-2:2020) Final Action Date: 2/11/2022

* *National Adoption*

ANSI/NEMA 62321-7-1-2015, Determination of certain substances in electrotechnical products - Part 7-1: Hexavalent chromium - Presence of hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method (identical national adoption of IEC 62321-7-1:2015) Final Action Date: 2/11/2022

* *National Adoption*

ANSI/NEMA 62321-7-2-2017, Determination of certain substances in electrotechnical products - Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method (identical national adoption of IEC 62321-7-2:2017) Final Action Date: 2/11/2022

* *National Adoption*

ANSI/NEMA 62430-2019, Environmentally conscious design (ECD) - Principles, requirements and guidance (identical national adoption of IEC 62430:2019) Final Action Date: 2/11/2022

* *National Adoption*

ANSI/NEMA 62474-2018, Material declaration for products of and for the electrotechnical industry (identical national adoption of IEC 62474:2018) Final Action Date: 2/11/2022

* *National Adoption*

ANSI/NEMA 62321-4-2013 AMD1 CSV-2017, Determination of certain substances in electrotechnical products - Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS (identical national adoption of IEC 62321-4:2013AMD1:2017 CSV) Final Action Date: 2/11/2022

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

ANSI/SCTE 26-2017 (R2021), Home Digital Network Interface Specification with Copy Protection (reaffirmation of ANSI/SCTE 26-2017) Final Action Date: 2/7/2022

Reaffirmation

ANSI/SCTE 133-2017 (R2021), Downstream RF Interface for Cable Modem Termination System (reaffirmation of ANSI/SCTE 133-2017) Final Action Date: 2/8/2022

Revision

ANSI/SCTE 153-2021, Drop Passives: Splitters, Couplers and Power Inserters (revision of ANSI/SCTE 153-2016) Final Action Date: 2/7/2022

TIA (Telecommunications Industry Association)

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

New Standard

ANSI/TIA 568.5-2022, Single balanced twisted-pair cabling and components standard (new standard) Final Action Date: 2/14/2022

UL (Underwriters Laboratories)

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

New Standard

ANSI/UL 258-2022, Standard for Safety for Shutoff Valves for Trim and Drain Purposes for Fire Protection Service (new standard) Final Action Date: 2/9/2022

Reaffirmation

ANSI/UL 497B-2004 (R2022), Standard for Protectors for Data Communications and Fire Alarm Circuits (reaffirmation of ANSI/UL 497B-2004 (R2017)) Final Action Date: 2/7/2022

Reaffirmation

ANSI/UL 497C-2004 (R2022), Standard for Protectors for Coaxial Communications Circuits (reaffirmation of ANSI/UL 497C-2004 (R2017)) Final Action Date: 2/7/2022

Reaffirmation

ANSI/UL 1416-2012 (R2022), Standard for Overcurrent and Overtemperature Protectors for Radio- and Television-Type Appliances (reaffirmation of ANSI/UL 1416-2012) Final Action Date: 2/7/2022

Reaffirmation

ANSI/UL 2182-2017 (R2022), Standard for Refrigerants (reaffirmation of ANSI/UL 2182-2017) Final Action Date: 2/11/2022

Revision

ANSI/UL 217-2022, Standard for Safety for Smoke Alarms (revision of ANSI/UL 217-2021) Final Action Date: 2/9/2022

Revision

ANSI/UL 244B-2022, Standard for Field Installed and/or Field Connected Appliance Controls (revision of ANSI/UL 244B-2021) Final Action Date: 2/11/2022

Revision

ANSI/UL 1254-2020 (R2022), Standard for Pre-Engineered Dry and Wet Chemical Extinguishing System Units (December 3, 2021) (revision of ANSI/UL 1254-2020) Final Action Date: 2/9/2022

Revision

ANSI/UL 1699-2022, Standard for Safety for Arc-Fault Circuit-Interrupters (revision of ANSI/UL 1699-2020) Final Action Date: 2/8/2022

Revision

ANSI/UL 1776-2022, Standard for Safety for High-Pressure Cleaning Machines (revision of ANSI/UL 1776-2019) Final Action Date: 2/4/2022

VITA (VMEbus International Trade Association (VITA))

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

Revision

ANSI/VITA 61.0-2022, XMC 2.0 (revision of ANSI/VITA 61.0-2014) Final Action Date: 2/10/2022

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

AAMI - Association for the Advancement of Medical Instrumentation

AAMI CN, Small Bore Connectors Committee

The **AAMI CN, Small Bore Connectors Committee** is seeking user, regulatory and general interest members to participate in the development of AAMI/ISO 80369-2/Ed.1, *Small-bore connectors for liquids and gases in healthcare applications – Part 2: Connectors for respiratory applications*; AAMI/ISO 80369-2/Ed.1, *Small-bore connectors for liquids and gases in healthcare applications – Part 2: Connectors for respiratory applications*; and AAMI/ISO 80369-6/Ed.2, *Small-bore connectors for liquids and gases in healthcare applications – Part 6: Connectors for neuraxial applications*. For inquiries please contact: Colleen Elliott, (CElliott@aami.org)

ANSI Accredited Standards Developer

ASHRAE

SSPC 34, Designation and Safety Classification of Refrigerants

A Call for Members is announced for the following project committee. Persons who are interested in serving on this ASHRAE committee are asked to indicate their interest by completing the online membership application steps listed under "Instructions for New Applicants" at https://www.ashrae.org/technical-resources/standards-and-guidelines/apply-to-a-project-committee or by contacting Connor Barbaree at: ASHRAE, 180 Technology Parkway, Peachtree Corners, GA 30092; phone: 678-539-1125; email Standards.Section@ashrae.org.

SSPC 34, *Designation and Safety Classification of Refrigerants*

1. PURPOSE:
This standard is intended to establish a simple means of referring to common refrigerants instead of using the chemical name, formula, or trade name. It establishes a uniform system for assigning reference numbers, safety classifications, and refrigerant concentration limits to refrigerants. The standard also identifies requirements to apply for designations and safety classifications for refrigerants and to determine refrigerant concentration limits.

2. SCOPE:
This standard provides an unambiguous system for numbering refrigerants and assigning composition designating prefixes for refrigerants. Safety classifications based on toxicity and flammability data are included along with refrigerant concentration limits for the refrigerants. This standard does not imply endorsement or concurrence that individual refrigerant blends are suitable for any particular application.

Note: Applications are being specifically sought for the following interest categories:

1. User/Components: an individual who represents a company that manufactures or sells components that are used in air conditioning and refrigeration systems that use refrigerants.
2. User/Systems: an individual who represents a company that manufactures, assembles or sells air conditioning and refrigeration systems that make use of refrigerants.

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

CSA - CSA America Standards Inc.

CSA Group, an ANSI-accredited SDO, is seeking additional experts to serve on the bi-national Fuel Cell Technical Committee. The Fuel Cell Technical Committee develops and maintains minimum safety standards and essential requirements for the design construction and maintenance of:
a) stationary, portable, and micro fuel cells;
b) hydrogen generation technologies using all fuels (e.g., electrolysis, coal, natural gas);
c) related components and equipment for stationary, portable and micro fuel cells; and
d) related components and equipment installed for hydrogen generation technologies using all fuels.

We are seeking interested stakeholders who will actively participate and contribute to the development and maintenance of these important standards through CSA's accredited Standards Development Process(es).

The Technical Committee is seeking members in the following categories:

User interest — those who predominantly represent consumer interests or end users of the subject product(s), material (s), or service(s), and who are not involved in any way in production or distribution of the subject product(s), material(s), or service(s).

Regulatory authority — those who are predominantly involved in regulating the use of the subject product(s), material (s), or service(s).

What is expected?
· Strong interest and knowledge of the subject matter
· Active participation and willingness to work on a Technical Committee electronically and in-person
· Ability to represent a stakeholder category outlined above
· Ability to work in a multi-stakeholder environment, following the principles of consensus

If you are interested in participating as a new member of the CSA Fuel Cell Technical Committee, please submit a brief bio along with a statement outlining your interest and ability to contribute to the work to Mark Duda at mark.duda@csagroup.org. If you know of a colleague who may be interested in this project, feel free to distribute this document.

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

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.
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.

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE AD22000-202x MONYEAR, Food safety management systems - Requirements for any organization in the food chain (national adoption with modifications of ISO 22000:2018)

ASME (American Society of Mechanical Engineers)

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

BSR/ASME B46.1-1-202x, Surface Texture of Parts Fabricated by Additive Manufacturing (new standard)

AWS (American Welding Society)

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

BSR/AWS B4.0-202x, Standard Methods for Mechanical Testing of Welds (revision and redesignation of ANSI/AWS B4.0, AMD1-2021)

AWS (American Welding Society)

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

BSR/AWS D18.2-202x, Guide to Weld Discoloration Levels on Inside of Austenitic Stainless Steel Tube (revision of ANSI/AWS D18.2-2020)

AWS (American Welding Society)

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

BSR/AWS D18.1/D18.1M-202x, Specification for Welding of Austenitic Stainless Steel Tube and Pipe Systems in Sanitary (Hygienic) Applications (revision of ANSI/AWS D18.1/D18.1M-2020)

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.

AWS (American Welding Society)

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

BSR/AWS G1.6-202x, Specification for the Training, Qualification, and Company Certification of Thermoplastic Welding Inspector Specialists and Thermoplastic Welding Inspector Assistants (revision of ANSI/AWS G1.6-2022)

EOS/ESD (ESD Association, Inc.)

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

BSR/EOS ESD STM5.5.1-202X, ESD Association Standard Test Method for Electrostatic Discharge (ESD) Sensitivity Testing Transmission Line Pulse (TLP) - Device Level (revision of ANSI/ESD STM5.5.1-2017)

EOS/ESD (ESD Association, Inc.)

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

BSR/ESD STM11.11-202x, ESD Association Standard Test Method for Protection of Electrostatic Discharge Susceptible Items - Surface Resistance Measurement of Planar Materials (revision of ANSI/ESD STM11.11-2021)

FM (FM Approvals)

1151 Boston-Providence Turnpike, Norwood, MA 02062 | josephine.mahnken@fmapprovals.com, www.fmglobal.com

BSR/FM 3265-202x, Spark Detection and Extinguishing Systems (revision of ANSI/FM 3265-2017)

ISA (International Society of Automation)

67 Alexander Drive, Research Triangle Park, NC 27709 | crobinson@isa.org, www.isa.org

BSR/ISA 96.02.01-202x, Guidelines for the Specification of Electric Valve Actuators (revision of ANSI/ISA 96.02.01-2016)

ISANTA (International Staple, Nail and Tool Association)

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

BSR SNT-101-202x, Safety Requirements for Portable Compressed-Air-Actuated Fastener Driving Tools (revision of ANSI SNT-101-2015)
Enrollment in the consensus body will be open February 18, 2022 to 8:00 pm EST March 25th, 2022. Interested parties should contact ISANTA by emailing notice of intent to jhenry@isanta.org or info@isanta.org.

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

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

INCITS/ISO 19148:2021 [202x], Geographic information - Linear referencing (identical national adoption of ISO 19148:2021 and revision of INCITS/ISO 19148:2012 [R2017])

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.

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 9797-2:2021 [202x], Information security - Message authentication codes (MACs) - Part 2: Mechanisms using a dedicated hash-function (identical national adoption of ISO/IEC 9797-2:2021 and revision of INCITS/ISO/IEC 9797 -2:2011 [R2017])

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 11770-5:2020 [202x], Information security - Key management - Part 5: Group key management (identical national adoption of ISO/IEC 11770-5:2020 and revision of INCITS/ISO/IEC 11770-5:2011 [R2017])

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 18033-1:2021 [202x], Information security - Encryption algorithms - Part 1: General (identical national adoption of ISO/IEC 18033-1:2021 and revision of INCITS/ISO/IEC 18033-1:2015 [2017])

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 19795-1:2021 [202x], Information technology - Biometric performance testing and reporting - Part 1: Principles and framework (identical national adoption of ISO/IEC 19795-1:2021 and revision of INCITS/ISO/IEC 19795 -1:2006 [R2017])

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 28360-1:2021 [202x], Information Technology - Determination Of Chemical Emission Rates From Electronic Equipment - Part 1: Using Consumables (identical national adoption of ISO/IEC 28360-1:2021)

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

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

INCITS/ISO/IEC 28360-2:2018 [202x], Information technology - Office equipment - Determination of chemical emission rates from electronic equipment - Part 2: Not using-consumables (identical national adoption of ISO/IEC 28360-2:2018 and revision of INCITS/ISO/IEC 28360:2015 [2017])

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 29192-2:2019 [202x], Information security - Lightweight cryptography - Part 2: Block ciphers (identical national adoption of ISO/IEC 29192-2:2019 and revision of INCITS/ISO/IEC 29192-2:2012 [R2017])

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.

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 17991:2021 [202x], Information technology - Office equipment - Method for measuring scanning productivity of digital scanning devices (identical national adoption of ISO/IEC 17991:2021 and revision of INCITS/ISO/IEC 17991:2015 [2017])

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 20919:2021 [202x], Information technology - Linear tape file system (LTFS) Format specification (identical national adoption of ISO/IEC 20919:2021 and revision of INCITS/ISO/IEC 20919:2016 [2017])

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 22275:2018 [202x], Information Technology - Programming Languages, Their Environments, And System Software Interfaces - ECMAScript® Specification Suite (identical national adoption of ISO/IEC 22275:2018 and revision of INCITS/ISO/IEC 16262:2011 [R2017])

NCMA (National Contract Management Association)

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

BSR/NCMA ASD 1-2019 (R202x), Contract Management Standard (reaffirmation of ANSI/NCMA ASD 1-2019)

NSF (NSF International)

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

BSR/NSF 305-202x (i31r1), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2016)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 65.0-202x, OpenVPX System Standard (revision of ANSI/VITA 65.0-2021)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 65.1-202x, OpenVPX System Standard - Profile Tables (revision of ANSI/VITA 65.1-2021)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 68.3-202x, Reference SI Model Standard for Gen4 and Higher Speeds (new standard)

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.

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 74.0-202x, Compliant System Small Form Factor Module (VNX) Base Standard (revision of ANSI/VITA 74.0 -2017)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 90.0-202x, VNX+ Base Standard (new standard)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 90.1-202x, VNX+ Profile Tables (new standard)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 90.2-202x, VNX+ Optical and Coax Apertures (new standard)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 90.3-202x, VNX+ Power Supply and Storage Modules (new standard)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 90.4-202x, VNX+ Cooling and Mounting Systems (new standard)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 90.5-202x, SpaceVNX+ (new standard)

American National Standards (ANS) Announcements

Project Initiation Notification System (PINS) Comment Period Extended

ICC - International Code Council

BSR/ICC 1500-202x, Extended to March 22, 2022

ICC - International Code Council, has extended the PINS Comment Period to **March 22, 2022** for the following proposal:

BSR/ICC 1500-202x, Measurement and Verification of Carbon in Building Construction, Materials and Operations (new standard)
Contact:: Karl Aittaniemi, kaittaniemi@iccsafe.org
ICC (International Code Council)
4051 Flossmoor Road | Country Club Hills, IL 60478 www.iccsafe.org

Stakeholders: Architects, engineers, materials manufacturers, building owners, building regulators, home builders, contractors, and the real estate industry.

Project Need: Communities and companies are looking to buildings to help reduce greenhouse gas emissions; however, there is no standardized approach to calculate the contributions of buildings across their entire life-cycle including construction, materials used, and operations. This standard would provide a consistent and robust approach for use in buildings policies, corporate ESG tracking, and investment decision making.

Abstract: As an ANSI-accredited SDO, ICC is developing a new standard to provide a methodology for calculating and verifying the greenhouse gas emissions associated with residential and commercial buildings, including both operational energy use and the embodied greenhouse gasses (GHGs) associated with materials used and the construction process. The standard will provide consistency in GHG-related claims and allow for tracking of GHG emissions from the sector at various scales including at the portfolio, local, state, national, and international scales.

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

ABMA - American Brush Manufacturers Association

Effective February 14, 2022

The reaccreditation of **ABMA - American Brush Manufacturers Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ABMA-sponsored American National Standards, effective **February 14, 2022**. For additional information, please contact: David Parr, American Brush Manufacturers Association (ABMA) | 736 Main Avenue, Suite 7, Durango, CO 81301-5479 | (720) 392-2262, dparr@silvacor.com

Approval of Reaccreditation – ASD

AGSC - Auto Glass Safety Council

Effective February 11, 2022

ANSI's Executive Standards Council has approved the reaccreditation of **AGSC - Auto Glass Safety Council** under its recently revised operating procedures for documenting consensus on AGSC-sponsored American National Standards, effective **February 11, 2022**. For additional information, please contact: Kathy Bimber, Auto Glass Safety Council (AGSC) | 20 PGA Drive, Suite 201, Stafford, VA 22554 | (540) 720-7484, kbimber@glass.com

Approval of Reaccreditation – ASD

NFRC - National Fenestration Rating Council

Effective February 11, 2022

ANSI's Executive Standards Council has approved the reaccreditation of **NFRC - National Fenestration Rating Council** under its recently revised operating procedures for documenting consensus on NFRC-sponsored American National Standards, effective **February 11, 2022**. For additional information, please contact: Jen Padgett, National Fenestration Rating Council (NFRC) | 6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | (301) 589-1776, jpadgett@nfrc.org

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

A3 - Association for Advancing Automation

Meeting Times March & April 2022

ANSI-Accredited Standards Committee: R15.06, Industrial Robot Safety
Meeting Format & Location: Hybrid; In-person in Memphis, TN; Remote via GoToMeeting
Meeting Sponsor/Host: FedEx; The University of Memphis
Purpose: SAC Comment resolution for TR 906; Prepare for update of R15.06 (U.S. national adoption of ISO 10218-1,2, which is being updated)
Day/Date/Time: Monday, March 7, 2022; 8:30 AM – 4:45 PM (Central Time) / 6:30 AM – 2:45 PM (PT)

ANSI-Accredited Standards Committee: R15.08, Industrial Mobile Robot Safety
Meeting (1) Meeting Format & Location: Hybrid; In-person in Memphis, TN; Remote via GoToMeeting
Meeting Sponsor/Host: FedEx; The University of Memphis
Purpose: R15.08 Committee Internal Comment resolution for R15.08 Part 2
Day/Date/Time: Wednesday, March 9, 2022 9:30 AM (Central Time) – Thursday, March 10, 2022, 4:45 PM (CT)

Meeting (2) Meeting Format & Location: Remote via GoToMeeting
Meeting Sponsor/Host: A3, the Association for Advancing Automation
Purpose: Complete Committee Internal Comment resolution for R15.08 Part 2, if not completed at in-person (hybrid) meeting March 9 & 10, 2022; arrive at consensus that the R15.08 Part 2 is ready for balloting to the R15 SAC
Day/Date/Time: The meeting will be held in several sessions as follows:
Virtual Session #1: Tuesday, March 15, 2022; 10:00 AM – 12:00 noon (Eastern TIme) / 7:00 AM – 9:00 AM (PT)
Virtual Session #2: Thursday, March 17, 2022; 10:00 AM – 12:00 noon (ET) / 7:00 AM – 9:00 AM (PT)
Virtual Session #3: Tuesday, March 22, 2022; 10:00 AM – 12:00 noon (ET) / 7:00 AM – 9:00 AM (PT)
Virtual Session #4: Thursday, March 24, 2022; 10:00 AM – 12:00 noon (ET) / 7:00 AM – 9:00 AM (PT)
Virtual Session #5: Tuesday, April 5, 2022; 10:00 AM – 12:00 noon (ET) / 7:00 AM – 9:00 AM (PT)
Virtual Session #6: Thursday, April 7, 2022; 10:00 AM – 12:00 noon (ET) / 7:00 AM – 9:00 AM (PT)
Note: Some or all of these meeting sessions could be cancelled if not needed.

ANSI-Accredited Standards Committee: R15 Standards Approval Committee (SAC) (consensus body)
Meeting Format & Location: Hybrid; In-person in Memphis, TN; Remote via GoToMeeting
Meeting Sponsor/Host: FedEx; The University of Memphis
Purpose: Discuss Administrative Procedures for R15 committees; discuss current or upcoming documents for ballot
Day/Date/Time: Friday, March 11, 2022; 8:30 AM – 11:30 AM (CT)

For More Information: Contact Carole Franklin, cfranklin@automate.org.

ANSI Accredited Standards Developer

ARESCA - American Renewable Energy Standards and Certification Association

Meets Online Every Third Friday

The **American Renewable Energy Standards and Certification Association (ARESCA)** wishes to provide this public notice that the Standards Committee of the ARESCA Board (SCB) meets **every third Friday via web meeting at 1:00pm** Eastern time. SCB meetings are open to the public. All directly and materially interested parties may contact the ARESCA Secretary (secretary@aresca.us) to obtain login access for the web meetings.

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

ASA - Acoustical Society of America

Meeting Times: May 23-27, 2022

Acoustical Society of America (ASA Standards) will be holding meetings in conjunction with the ASA 182nd Meeting **May 23-27, 2022**

May 23, 2022 ASC S2 Mechanical Vibration and Shock (5:00pm-6:15pm MST) Denver, CO
May 23, 2022 ASACOS Steering Meeting (7:00pm-9:30pm MST) Denver, CO
May 24, 2022 ASACOS Meeting (7:30am-9:00am MST) Denver, CO
May 24, 2022 Standards Plenary Meeting (9:15am-10:45am MST) Denver, CO
May 24, 2022 ASC S1, Acoustics Meeting (11:00am-12:15pm MST) Denver, CO
May 24, 2022 ASC S3, Bioacoustics (2:00pm-3:15pm MST) Denver, CO
May 24, 2022 ASC S3/SC1, Animal Bioacoustics (3:30pm-4:45pm MST) Denver, CO
May 24, 2022 ASC S12, Noise (5:00pm-6:15pm MST) Denver, CO

Meetings will take place at Sheraton Denver Downtown Hotel Denver, Colorado
For more information, please visit our website at https://asastandards.org/ or email us at standards@acousticalsociety.org

ANSI Accredited Standards Developer

NW&RA (ASC Z245) - National Waste & Recycling Association, Equipment Technology & Operations for Wastes & Recyclable Materials

Meeting Times: March 15th & March 16th 2022

The **National Waste & Recycling Association - NW&RA (ASC Z245)** serves at the secretariat for the **ANS Z245 Committee on Equipment Technology and Operations for Waste and Recyclable Materials**. The next meeting will be **March 15th and 16th 2022** in person in Atlantic Beach, FL. Those interested in participating can contact Kirk Sander at (ksander@wasterecycling.org).

March 15, 2022:

8:00-10:00 Z245.1 Mobile Equipment
10:00-12:00 Z245.8 Landfills
1:00-2:00 Z245.3/.6 Containers
2:00-5:00 Z245.2/.5 Balers and Compactors

March 16, 2022:

8:00- 10:30am Z245.4 Facilities
10:30- 12:00 Z245 Full Committee

American National Standards (ANS) Process

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

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

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

- ANSI Essential Requirements: Due process requirements for American National Standards (always current edition): www.ansi.org/essentialrequirements
- ANSI Standards Action (weekly public review announcements of proposed ANS and standards developer accreditation applications, listing of recently approved ANS, and proposed revisions to ANS-related procedures): www.ansi.org/standardsaction
- Accreditation information – for potential developers of American National Standards (ANS): www.ansi.org/sdoaccreditation
- ANS Procedures, ExSC Interpretations and Guidance (including a slide deck on how to participate in the ANS process and the BSR-9 form): www.ansi.org/asd
- Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS: www.ansi.org/asd
- American National Standards Key Steps: www.ansi.org/anskeysteps
- American National Standards Value: www.ansi.org/ansvalue
- ANS Web Forms for ANSI-Accredited Standards Developers - PINS, BSR8|108, BSR11, Technical Report: https://www.ansi.org/portal/psawebforms/
- Information about standards Incorporated by Reference (IBR): https://ibr.ansi.org/
- ANSI - Education and Training: www.standardslearn.org

American National Standards Under Continuous Maintenance

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

The standard shall be maintained by an accredited standards developer. A documented program for periodic publication of revisions shall be established by the standards developer. Processing of these revisions shall be in accordance with these procedures. The published standard shall include a clear statement of the intent to consider requests for change and information on the submittal of such requests. Procedures shall be established for timely, documented consensus action on each request for change and no portion of the standard shall be excluded from the revision process. In the event that no revisions are issued for a period of four years, action to reaffirm or withdraw the standard shall be taken in accordance with the procedures contained in the ANSI Essential Requirements.

The Executive Standards Council (ExSC) has determined that for standards maintained under the Continuous Maintenance option, separate PINS announcements are not required. The following ANSI Accredited Standards Developers have formally registered standards under the Continuous Maintenance option.

- AAMI (Association for the Advancement of Medical Instrumentation)
- AARST (American Association of Radon Scientists and Technologists)
- AGA (American Gas Association)
- AGSC (Auto Glass Safety Council)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GBI (Green Building Initiative)
- HL7 (Health Level Seven)
- Home Innovation (Home Innovation Research Labs)
- IES (Illuminating Engineering Society)
- ITI (InterNational Committee for Information Technology Standards)
- MHI (Material Handling Industry)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NEMA (National Electrical Manufacturers Association)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- PRCA (Professional Ropes Course Association)
- RESNET (Residential Energy Services Network, Inc.)
- SAE (SAE International)
- TCNA (Tile Council of North America)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

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

Teresa Ambrosius
tambrosius@aafs.org

AARST
American Association of Radon Scientists and Technologists
527 N. Justice Street
Hendersonville, NC 28739
www.aarst.org

Gary Hodgden
StandardsAssist@gmail.com

ACI
American Concrete Institute
38800 Country Club Drive
Farmington Hills, MI 48331
www.concrete.org

Shannon Banchero
shannon.banchero@concrete.org

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

Kathryn Murdoch
kmurdoch@ans.org

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

Mindy Adams
apcostandards@apcointl.org

API
American Petroleum Institute
200 Massachusetts Avenue NW
Washington, DC 20001
www.api.org

Katie Burkle
burklek@api.org

Patty Fusaro
fusarop@api.org

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

Jean Walsh
walsh@asabe.org

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

Ryan Shanley
rshanley@ashrae.org

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

Terrell Henry
ansibox@asme.org

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

Stephen Hedrick
steveh@aws.org

AWS (ASC Z49)
American Welding Society
8669 NW 36th Street, Suite 130
Miami, FL 33166
www.aws.org

Stephen Hedrick
steveh@aws.org

BIFMA
Business and Institutional Furniture Manufacturers Association
678 Front Avenue NW
Grand Rapids, MI 49504
www.bifma.org

David Panning
dpanning@bifma.org

CRSI
Concrete Reinforcing Steel Institute
933 N Plum Grove Road
Schaumburg, IL 60173
www.crsi.org

Amy Trygestad
atrygestad@crsi.org

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

Debbie Chesnik
ansi.contact@csagroup.org

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

Jennifer Kirk
jkirk@esda.org

ESTA
Entertainment Services and Technology Association
271 Cadman Plaza, P.O. Box 23200
Brooklyn, NY 11202
www.esta.org

Richard Nix
standards@esta.org

FM
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062
www.fmglobal.com

Josephine Mahnken
josephine.mahnken@fmapprovals.com

HI
Hydraulic Institute
300 Interpace Parkway, Building A, 3rd Floor
Parsippany, NJ 07054
www.pumps.org

Amy Sisto
asisto@pumps.org

HI
Hydraulic Institute
6 Campus Drive, 1st Floor North
Parsippany, NJ 07054
www.pumps.org

Peter Gaydon
pgaydon@pumps.org

HI
Hydraulic Institute
6 Campus Drive, Suite 104
Parsippany, NJ 07054
www.pumps.org

Edgar Suarez
esuarez@pumps.org

HL7
Health Level Seven
3300 Washtenaw Avenue, Suite 227
Ann Arbor, MI 48104
www.hl7.org

Karen Van Hentenryck
Karenvan@HL7.org

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

Terry Burger
terry.burger@asse-plumbing.org; standards@iapmostandards.org

ICC
International Code Council
4051 Flossmoor Road
Country Club Hills, IL 60478
www.iccsafe.org

Karl Aittaniemi
kaittaniemi@iccsafe.org

IEEE (ASC C2)
Institute of Electrical and Electronics Engineers
445 Hoes Lane
Piscataway, NJ 08854
www.ieee.org

Jennifer Santulli
j.santulli@ieee.org

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

Patricia McGillicuddy
pmcgillicuddy@ies.org

ISA (Organization)
International Society of Automation
67 Alexander Drive
Research Triangle Park, NC 27709
www.isa.org

Charley Robinson
crobinson@isa.org

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

Jeff Henry
jhenry@isanta.org

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

Deborah Spittle
comments@standards.incits.org

NASBLA
National Association of State Boating Law Administrators
1648 McGrathiana Parkway, Suite 360
Lexington, KY 40511
www.nasbla.org

Pamela Dillon
pam@nasbla.org

NCMA
National Contract Management Association
21740 Beaumeade Circle, Suite 125
Ashburn, VA 20147
www.ncmahq.org

John Wilkinson
jwilkinson@thinc-llc.com

NEMA
National Electrical Manufacturers Association
1300 North 17th Street, Suite 1752
Arlington, VA 22209
www.nema.org

Brian Marchionini
brian.marchionini@nema.org

NEMA (ASC C12)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 900
Rosslyn, VA 22209
www.nema.org

Paul Orr
Pau_orr@nema.org

NEMA (ASC C136)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 900
Rosslyn, VA 22209
www.nema.org

David Richmond
David.Richmond@nema.org

NFPA
National Fire Protection Association
One Batterymarch Park
Quincy, MA 02269
www.nfpa.org

Patrick Foley
PFoley@nfpa.org

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

Allan Rose
arose@nsf.org

RESNET
Residential Energy Services Network, Inc.
4867 Patina Court
Oceanside, CA 92057
www.resnet.us.com

Richard Dixon
rick.dixon@resnet.us

SCTE
Society of Cable Telecommunications Engineers
140 Philips Rd
Exton, PA 19341
www.scte.org

Kim Cooney
kcooney@scte.org

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

Teesha Jenkins
standards-process@tiaonline.org

UL
Underwriters Laboratories
12 Laboratory Drive
Research Triangle Park, NC 27709
https://ul.org/

Annabelle Hollen
Annabelle.Hollen@ul.org

Anne Marie Jacobs
annemarie.jacobs@ul.org

Kelly Smoke
kelly.smoke@ul.org

Nicolette Weeks
Nicolette.A.Weeks@ul.org

Patricia Sena
patricia.a.sena@ul.org

Vickie Hinton
Vickie.T.Hinton@ul.org

UL
Underwriters Laboratories
171 Nepean Street, Suite 400
Ottawa, ON K2P 0
https://ul.org/

Kevin Wu
kevin.hf.wu@ul.org

UL
Underwriters Laboratories
333 Pfingsten Road
Northbrook, IL 60062
https://ul.org/

Alan McGrath
alan.t.mcgrath@ul.org

Susan Malohn
Susan.P.Malohn@ul.org

UL
Underwriters Laboratories
47173 Benicia Street
Fremont, CA 94538
https://ul.org/

Derrick Martin
Derrick.L.Martin@ul.org

Paul Lloret
Paul.E.Lloret@ul.org

VITA
VMEbus International Trade Association (VITA)
929 W. Portobello Avenue
Mesa, AZ 85210
www.vita.com

Jing Kwok
jing.kwok@vita.com

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 4214, Milk and milk products - Determination of amino acids in infant formula and other dairy products - 12/12/2021, $102.00

ISO/DIS 17715, Flour from wheat (Triticum aestivum L.) - Amperometric method for starch damage measurement - 12/16/2021, $58.00

ISO/DIS 27971, Cereals and cereal products - Common wheat (Triticum aestivum L.) - Determination of alveograph properties of dough at constant hydration from commercial or test flours and test milling methodology - 12/11/2021, $125.00

Aircraft and space vehicles (TC 20)

ISO/DIS 15865, Space systems - Qualification assessment - 12/13/2021, $71.00

ISO/DIS 22009, Space environment (natural and artificial) - Model of the Earths magnetospheric magnetic field - 12/12/2021, $67.00

Ceramic tile (TC 189)

ISO/DIS 17889-2, Ceramic tiling systems - Sustainability for ceramic tiles and installation materials - Part 2: Specification for tile installation materials - 12/16/2021, $93.00

Cleanrooms and associated controlled environments (TC 209)

ISO/FDIS 14644-8, Cleanrooms and associated controlled environments - Part 8: Classification of air cleanliness by chemical concentration (ACC) -, $82.00

Dentistry (TC 106)

ISO/DIS 15854, Dentistry - Casting and baseplate waxes - 4/23/2022, $77.00

ISO/FDIS 18675, Dentistry - Machinable ceramic blanks - 3/26/2020, $71.00

ISO/DIS 24466, Dentistry - Designations for the parts and dimensions of an implant body or a monopart implant - 12/12/2021, $53.00

Doors and windows (TC 162)

ISO/DIS 6612, Windows and doors - Resistance to wind load - Test method - 5/2/2022, $62.00

ISO/DIS 6613, Windows and doors - Air permeability - Test method - 5/2/2022, $62.00

ISO/DIS 8270, Windows and doors - Determination of the resistance to soft and heavy body impact for doors - 5/2/2022, $33.00

ISO/DIS 8275, Hinged or pivoted doors - Determination of the resistance to vertical load - 5/2/2022, $33.00

Fasteners (TC 2)

ISO/DIS 2702, Fasteners - Heat-treated tapping screws - Mechanical and physical properties - 12/12/2021, $53.00

Fire safety (TC 92)

ISO/DIS 21843, Determination of the resistance to hydrocarbon pool fires of fire protection materials and systems for pressure vessels - 4/23/2022, $107.00

ISO/DIS 20902-2, Fire test procedures for divisional elements that are typically used in oil, gas and petrochemical industries - Part 2: Additional procedures for pipe penetration and cable transit sealing systems - 4/22/2022, $77.00

Geographic information/Geomatics (TC 211)

ISO/DIS 19123-1, Geographic information - Schema for coverage geometry and functions - Part 1: Fundamentals - 12/11/2021, $175.00

Geotechnics (TC 182)

ISO/DIS 22477-2, Geotechnical investigation and testing - Testing of geotechnical structures - Part 2: Testing of piles: Static tension load testing - 5/6/2022, $77.00

Graphic technology (TC 130)

ISO/DIS 22067-1, Graphic Technology - Requirements for communication of environmental aspects of printed products - Part 1: General printing - 12/12/2021, $82.00

Industrial furnaces and associated processing equipment (TC 244)

ISO/DIS 4529, Industrial furnaces and associated processing equipment - Secondary steelmaking - Machinery and equipment for treatment of liquid steel - 12/12/2021, $125.00

Innovation management (TC 279)

ISO/DIS 56007, Innovation management - Tools and methods for idea management - Guidance - 5/2/2022, $125.00

Internal combustion engines (TC 70)

ISO/FDIS 6826, Reciprocating internal combustion engines - Fire protection - 3/21/2021, $53.00

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

ISO/DIS 19905-1, Petroleum and natural gas industries - Site-specific assessment of mobile offshore units - Part 1: Jack-ups - 12/13/2021, $258.00

Medical devices for injections (TC 84)

ISO/DIS 21649, Needle-free injection systems for medical use - Requirements and test methods - 12/16/2021, $107.00

Nuclear energy (TC 85)

ISO/DIS 9271, Decontamination of radioactively contaminated surfaces - Testing of decontamination agents for textiles - 12/16/2021, $93.00

ISO/DIS 7097-2, Nuclear fuel technology - Determination of uranium in solutions, uranium hexafluoride and solids - Part 2: Iron(II) reduction/cerium(IV) oxidation titrimetric method - 12/11/2021, $71.00

Petroleum products and lubricants (TC 28)

ISO/DIS 3679, Determination of flash point - Method for flash no-flash and flash point by small scale closed cup tester - 4/23/2022, $93.00

Plain bearings (TC 123)

ISO/DIS 6834, Plain bearings - Thermo-hydrodynamic lubrication design charts for circular cylindrical bearings under steady-state conditions - 12/11/2021, $88.00

Plastics (TC 61)

ISO/DIS 180, Plastics - Determination of Izod impact strength - 5/7/2022, $62.00

ISO/DIS 179-1, Plastics - Determination of Charpy impact properties - Part 1: Non-instrumented impact test - 5/6/2022, $82.00

ISO/DIS 3616, Textile glass - Chopped-strand and continuous-filament mats - Determination of average thickness, thickness under load and recovery after compression - 5/6/2022, $40.00

ISO/DIS 24048, Plastics - Determination of bound acrylonitrile content in the continuous phase of acrylonitrile-butadiene-styrene (ABS) by Dumas combustion method - 12/12/2021, $46.00

Plastics pipes, fittings and valves for the transport of fluids (TC 138)

ISO/DIS 23627, Plastics piping systems for non-pressure underground drainage and sewerage - Steel-Reinforced-Polyethylene (SRPE) - Corrugated Pipes and fittings - 4/23/2022, $125.00

Road vehicles (TC 22)

ISO/DIS 18246, Electrically propelled mopeds and motorcycles - Safety requirements for conductive connection to an external electric power supply - 12/11/2021, $107.00

ISO/DIS 19438, Diesel fuel and petrol filters for internal combustion engines - Filtration efficiency using particle counting and contaminant retention capacity - 12/16/2021, $112.00

ISO/DIS 6626-2, Internal combustion engines - Piston rings - Part 2: Coil-spring-loaded oil control rings of narrow width made of cast iron - 4/23/2022, $107.00

ISO/DIS 15830-3, Road vehicles - Design and performance specifications for the WorldSID 50th percentile male side-impact dummy - Part 3: Mechanical requirements for electronic subsystems - 5/2/2022, $88.00

Rubber and rubber products (TC 45)

ISO/DIS 12493, Rubber, vulcanized or thermoplastic - Determination of stress in tension under non-isothermal conditions - 12/12/2021, $71.00

Ships and marine technology (TC 8)

ISO/DIS 4679, Ships and marine technology - Hydraulic performance tests for waterjet propulsion system - 5/7/2022, $82.00

ISO/DIS 4827, Ships and marine technology - Escorting and pull-back system for tankers - 12/10/2021, $40.00

ISO/DIS 24409-4, Ships and marine technology - Design, location and use of shipboard safety signs, fire control plan signs, safety notices and safety markings - Part 4: Escape plan signs used for general emergency information - 5/6/2022, $67.00

Small craft (TC 188)

ISO/FDIS 9650-1, Small craft - Inflatable liferafts - Part 1: Type 1 and type 2 - 1/7/2021, $82.00

Soil quality (TC 190)

ISO/DIS 4974, Soil quality - Guidance on soil temperature measurement - 12/13/2021, $46.00

Sustainable development in communities (TC 268)

ISO/DIS 37170, Smart community infrastructures - Data framework for infrastructure governance based on digital technology in smart cities - 12/16/2021, $58.00

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

ISO/DIS 8887-2, Technical product documentation - Design for manufacturing, assembling, disassembling and end-of-life processing - Part 2: Vocabulary - 12/10/2021, $58.00

Tourism and related services (TC 228)

ISO/FDIS 23405, Tourism and related services - Sustainable tourism - Principles, vocabulary and model - 10/29/2020, $53.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO/DIS 18497-1, Agricultural machinery and tractors - Safety of partially automated, semi-autonomous and autonomous machinery - Part 1: Machine design principles and vocabulary - 12/16/2021, $67.00

Water quality (TC 147)

ISO/DIS 4723, Water quality - Actinium-227 - Test method using alpha-spectrometry - 12/12/2021, $88.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 15775, Information technology - Office equipment - Method of specifying image reproduction of colour copying machines and multifunction devices with copying modes by printed test charts - 12/12/2021, $125.00

ISO/IEC DIS 4005-1, Telecommunications and information exchange between systems - Low altitude drone area network (LADAN) - Part 1: Communication model and requirements - 12/10/2021, $71.00

ISO/IEC DIS 4005-2, Telecommunications and information exchange between systems - Low altitude drone area network (LADAN) - Part 2: Physical and data link protocols for shared communication - 12/10/2021, $134.00

ISO/IEC DIS 4005-3, Telecommunications and information exchange between systems - Low altitude drone area network (LADAN) - Part 3: Physical and data link protocols for control communication - 12/10/2021, $134.00

ISO/IEC DIS 4005-4, Telecommunications and information exchange between systems - Low altitude drone area network (LADAN) - Part 4: Physical and data link protocols for video communication - 12/10/2021, $134.00

ISO/IEC DIS 18041-5, Information technology - Computer graphics, image processing and environmental data representation - Environmental Data Coding Specification (EDCS) language bindings - Part 5: C++ - 12/12/2021, FREE

ISO/IEC DIS 24751-4, Information technology for learning, education and training - AccessForAll framework for individualized accessibility - Part 4: Registry server API - 12/13/2021, $77.00

ISO/IEC/IEEE DIS 15288, Systems and software engineering - System life cycle processes - 4/22/2022, $165.00

IEC Standards

47/2752/FDIS, IEC 60749-10 ED2: Semiconductor devices - Mechanical and climatic test methods - Part 10: Mechanical shock - Device and subassembly, 03/25/2022

100/3733(F)/FDIS, IEC 63033-2 ED2: Multimedia systems and equipment for vehicle - Surround view system - Part 2: Recording methods of the surround view system, 03/11/2022

65E/885/CD, IEC 63082-2 ED1: Intelligent device management - Part 2: Normative requirements and recommendations, 05/06/2022

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

100/3728(F)/FDIS, IEC 63033-1 ED1: Multimedia systems and equipment for vehicles - Surround view system - Part 1: General, 03/11/2022

100/3734(F)/FDIS, IEC 63033-3 ED2: Multimedia systems and equipment for vehicles - Surround view system - Part 3: Measurement methods, 03/11/2022

100/3723(F)/FDIS, IEC 63033-4 ED1: Multimedia systems and equipment for vehicles - Surround view system - Part 4: Application for camera monitor systems, 03/11/2022

100/3738/NP, PNW TS 100-3738 ED1: Method of measurement of 5th order non-linearity for active electronic equipment using five carriers, 04/08/2022

Capacitors and resistors for electronic equipment (TC 40)

40/2917/CDV, IEC 60384-14 ED5: Fixed capacitors for use in electronic equipment - Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains, 05/06/2022

Electric cables (TC 20)

20/2017(F)/FDIS, IEC 62067 ED3: Power cables with extruded insulation and their accessories for rated voltages above 150 kV (Um = 170 kV) up to 500 kV (Um = 550 kV) - Test methods and requirements, 03/04/2022

Electrical accessories (TC 23)

23H/499/FDIS, IEC 62196-1 ED4: Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 1: General requirements, 03/25/2022

23H/502/FDIS, IEC 62196-2 ED3: Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 2: Dimensional compatibility requirements for AC pin and contact-tube accessories, 03/25/2022

23H/500/FDIS, IEC 62196-3 ED2: Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 3: Dimensional compatibility requirements for DC and AC/DC pin and contact-tube vehicle couplers, 03/25/2022

23H/501/FDIS, IEC 62196-6 ED1: Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 6: Dimensional compatibility requirements for DC pin and contact-tube vehicle couplers for DC EV supply equipment where protection relies on electrical separation, 03/25/2022

Electrical equipment in medical practice (TC 62)

62/411/NP, PNW 62-411 ED1: Testing of Artificial Intelligence / Machine Learning-enabled Medical Devices, 05/06/2022

Electroacoustics (TC 29)

29/1111(F)/FDIS, IEC 60318-8 ED1: Electroacoustics - Simulators of human head and ear - Part 8: Acoustic coupler for high-frequency measurements of hearing aids and earphones coupled to the ear by means of ear inserts, 03/04/2022

Electromagnetic compatibility (TC 77)

77A/1139/CD, IEC TR 61000-2-15 ED1: Electromagnetic compatibility - Part 2-15: Environment - Description of the characteristics of networks with high penetration of power electronics equipment, 05/06/2022

Electrostatics (TC 101)

101/649/FDIS, IEC 61340-5-3 ED3: Electrostatics - Part 5-3: Protection of electronic devices from electrostatic phenomena - Properties and requirements classification for packaging intended for electrostatic discharge sensitive devices, 03/25/2022

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

112/562(F)/FDIS, IEC 62631-2-2 ED1: Dielectric and resistive properties of solid insulating materials - Part 2-2: Relative permittivity and dissipation factor - High frequencies (1 MHz to 300 MHz) - AC methods, 03/18/2022

Fibre optics (TC 86)

86B/4582(F)/FDIS, IEC 61300-1 ED5: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 1: General and guidance, 03/11/2022

86A/2187/CD, IEC TR 63431 ED1: Optical fibre cables - Microduct technology - Guidance, 05/06/2022

Industrial-process measurement and control (TC 65)

65E/845/CDV, IEC 61406 ED1: Identification Link, 05/06/2022

65E/881/DTR, IEC TR 62453-42 ED2: Field device tool (FDT) interface specification - Part 42: Object model integration profile - Common Language Infrastructure, 04/08/2022

65E/882/DTR, IEC TR 62453-51-20 ED2: Field device tool (FDT) interface specification - Part 51-20: Communication implementation for common object model - IEC 61784 CPF 2, 04/08/2022

65E/883/DTR, IEC TR 62453-52-31 ED2: Field device tool (FDT) interface specification - Part 52-31: Communication implementation for common language infrastructure - IEC 61784 CP 3/1 and CP 3/2, 04/08/2022

65E/884/DTR, IEC TR 62453-52-90 ED2: Field device tool (FDT) interface specification - Part 52-90: Communication implementation for common language infrastructure - IEC 61784 CPF 9, 04/08/2022

Power electronics (TC 22)

22G/450/CDV, IEC 61800-3 ED4: Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods for PDS and machine tools, 05/06/2022

Power system control and associated communications (TC 57)

57/2473/CD, IEC TS 61850-80-6 ED1: Communication networks and systems for power utility automation - Part 80-6: Using IEC 61850 for communication between substations and control centres, 05/06/2022

Quantities and units, and their letter symbols (TC 25)

25/730(F)/CDV, ISO 80000-1 ED2: Quantities and units - Part 1: General, 04/29/2022

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

108/767/CDV, IEC 62368-1 ED4: Audio/video, information and communication technology equipment - Part 1: Safety requirements, 05/06/2022

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

116/572/CDV, IEC 62841-2-3/AMD1 ED1: Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-3: Particular requirements for hand-held grinders, disc-type polishers and disc-type sanders, 05/06/2022

116/576(F)/FDIS, IEC 62841-3-10/AMD1 ED1: Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-10: Particular requirements for transportable cut-off machines, 03/18/2022

116/573/CDV, IEC 62841-3-14/AMD1 ED1: Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-14: Particular requirements for transportable drain cleaners, 05/06/2022

116/575(F)/FDIS, IEC 62841-3-6/AMD1 ED1: Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-6: Particular requirements for transportable diamond drills with liquid system, 03/18/2022

Secondary cells and batteries (TC 21)

21/1138/NP, PNW 21-1138 ED1: Lead-acid starter batteries - Part 8: 12V Batteries used in automobiles for auxiliary or backup purposes, 05/06/2022

Semiconductor devices (TC 47)

47F/401/CD, IEC 62047-43 ED1: Semiconductor devices - Micro-electromechanical devices - Part 43: Test method of electrical characteristics after cyclic bending deformation for flexible electro-mechanical devices, 04/08/2022

47/2753/FDIS, IEC 63284 ED1: Semiconductor devices - Reliability test method by inductive load switching for gallium nitride transistors, 03/25/2022

Terminology (TC 1)

1/2493/FDIS, IEC 60050-871/AMD1 ED1: International Electrotechnical Vocabulary - Part 871: Active assisted living (AAL) - Amendment 1, 03/25/2022

Newly Published ISO & IEC Standards

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

ISO Standards

Ageing societies (TC 314)

ISO 25550:2022, Ageing societies - General requirements and guidelines for an age-inclusive workforce, $200.00

Aircraft and space vehicles (TC 20)

ISO 16457:2022, Space environment (natural and artificial) - The Earths ionosphere model - International reference ionosphere (IRI) model and extensions to the plasmasphere, $149.00

Banking and related financial services (TC 68)

ISO 5009:2022, Financial services - Official organizational roles - Scheme for official organizational roles, $48.00

Blockchain and distributed ledger technologies (TC 307)

ISO 23257:2022, Blockchain and distributed ledger technologies - Reference architecture, $225.00

Building construction (TC 59)

ISO 22058:2022, Construction procurement - Guidance on strategy and tactics, $175.00

Compressors, pneumatic tools and pneumatic machines (TC 118)

ISO 28927-13:2022, Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 13: Fastener driving tools, $149.00

Corrosion of metals and alloys (TC 156)

ISO 10270:2022, Corrosion of metals and alloys - Aqueous corrosion testing of zirconium alloys for use in nuclear power reactors, $111.00

Earth-moving machinery (TC 127)

ISO 6405-2:2017/Amd 1:2022, Earth-moving machinery - Symbols for operator controls and other displays - Part 2: Symbols for specific machines, equipment and accessories - Amendment 1: Additional symbols, $20.00

Equipment for fire protection and fire fighting (TC 21)

ISO 7203-4:2022, Fire extinguishing media - Foam concentrates - Part 4: Specification for Class A foam concentrates for application on Class A fires, $175.00

Freight containers (TC 104)

ISO 668:2020/Amd 1:2022, Series 1 freight containers - Classification, dimensions and ratings - Amendment 1, $20.00

Gas cylinders (TC 58)

ISO 14246:2022, Gas cylinders - Cylinder valves - Manufacturing tests and examinations, $73.00

Internal combustion engines (TC 70)

ISO 6798-3:2022, Reciprocating internal combustion engines - Measurement of sound power level using sound pressure - Part 3: Survey method for use in situ, $111.00

Metallic and other inorganic coatings (TC 107)

ISO 9220:2022, Metallic coatings - Measurement of coating thickness - Scanning electron microscope method, $73.00

Paper, board and pulps (TC 6)

ISO 10716:2022, Paper and board - Determination of alkali reserve, $48.00

Plastics (TC 61)

ISO 11339:2022, Adhesives - T-peel test for flexible-to-flexible bonded assemblies, $48.00

ISO 15527:2022, Plastics - Compression-moulded sheets of polyethylene (PE-UHMW, PE-HD) - Requirements and test methods, $73.00

ISO 17194:2022, Structural adhesives - Standard database of properties, $73.00

Plastics pipes, fittings and valves for the transport of fluids (TC 138)

ISO 13844:2022, Plastics piping systems - Elastomeric-sealing-ring-type socket joints for use with plastic pipes - Test method for leaktightness under negative pressure, angular deflection and deformation, $73.00

Project, programme and portfolio management (TC 258)

ISO 21503:2022, Project, programme and portfolio management - Guidance on programme management, $111.00

ISO 21504:2022, Project, programme and portfolio management - Guidance on portfolio management, $111.00

Railway applications (TC 269)

ISO 22480-1:2022, Railway applications - Concrete sleepers and bearers for track - Part 1: General requirements, $200.00

ISO 22480-2:2022, Railway applications - Concrete sleepers and bearers for track - Part 2: Prestressed monoblock sleepers, $149.00

Road vehicles (TC 22)

ISO 6460-1:2022, Motorcycles - Measurement method for gaseous exhaust emissions and fuel consumption - Part 1: General test requirements, $225.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO 24649:2022, Agricultural irrigation equipment - Manually and hydraulically operated plastics valves, $111.00

Transport information and control systems (TC 204)

ISO 22741-1:2022, Intelligent transport systems - Roadside modules AP-DATEX data interface - Part 1: Overview, $73.00

ISO Technical Reports

Applications of statistical methods (TC 69)

ISO/TR 11462-4:2022, Guidelines for implementation of statistical process control (SPC) - Part 4: Reference data sets for measurement process analysis software validation, $175.00

Mechanical vibration and shock (TC 108)

ISO/TR 10687:2022, Mechanical vibration - Description and determination of seated postures with reference to whole-body vibration, $175.00

ISO Technical Specifications

Light gauge metal containers (TC 52)

ISO/TS 21985:2022, Light gauge metal containers - Non-refillable LPG cartridges - General requirements, $111.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 24745:2022, Information security, cybersecurity and privacy protection - Biometric information protection, $225.00

ISO/IEC 30162:2022, Internet of Things (IoT) - Compatibility requirements and model for devices within industrial IoT systems, $184.00

ISO/IEC 20009-3:2022, Information security - Anonymous entity authentication - Part 3: Mechanisms based on blind signatures, $111.00

ISO/IEC 23094-4:2022, Information technology - General video coding - Part 4: Conformance and reference software for essential video coding, $175.00

IEC Standards

Electrical accessories (TC 23)

IEC 60898-3 Amd.1 Ed. 1.0 en:2022, Amendment 1 - Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 3: Circuit-breakers for DC operation, $13.00

IEC 60898-3 Ed. 1.1 en:2022, Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 3: Circuit-breakers for DC operation, $633.00

Fibre optics (TC 86)

IEC 60794-1-404 Ed. 1.0 b:2022, Optical fibre cables - Part 1-404: Generic specification - Basic optical cable test procedures - Electrical test methods - Current-temperature test, method H4, $25.00

Lamps and related equipment (TC 34)

IEC 62442-3 Ed. 3.0 b:2022, Energy performance of lamp controlgear - Part 3: Controlgear for tungsten-halogen lamps and LED light sources - Method of measurement to determine the efficiency of controlgear, $89.00

S+ IEC 62442-3 Ed. 3.0 en:2022 (Redline version), Energy performance of lamp controlgear - Part 3: Controlgear for tungsten-halogen lamps and LED light sources - Method of measurement to determine the efficiency of controlgear, $115.00

Rotating machinery (TC 2)

IEC 60034-1 Ed. 14.0 b:2022, Rotating electrical machines - Part 1: Rating and performance, $392.00

S+ IEC 60034-1 Ed. 14.0 en:2022 (Redline version), Rotating electrical machines - Part 1: Rating and performance, $510.00

Semiconductor devices (TC 47)

IEC 63373 Ed. 1.0 b:2022, Dynamic on-resistance test method guidelines for GaN HEMT based power conversion devices, $89.00

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

National Gas Fuelling Stations

Comment Deadline: February 25, 2022

AFNOR, the ISO member body for France, has submitted to ISO a proposal for a new field of ISO technical activity on Natural Gas Fuelling Stations, with the following scope statement:

Standardization in the field of design, construction and operation of stations for fuelling compressed natural gas (CNG) and liquefied natural gas (LNG) to vehicles. It includes equipment, safety devices and maintenance.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, February 25, 2022.

International Electrotechnical Commission (IEC)

U.S. Representatives Needed

Advisory Committee on Safety (ACOS)

ACOS, which reports to the SMB (Standardization Management Board), deals with safety matters which are not specific to one single TC (Technical Committee) of the IEC.

Individuals interested in serving as the US Representative on ACOS are invited to contact **Betty Barro at bbarro@ansi.org** as soon as possible.

Please see the scope for ACOS below:

Scope

Its task is to guide and coordinate IEC work on safety matters in order to ensure consistency in IEC safety standards.

ACOS is responsible for the assignment of Horizontal and Group Safety Functions to TCs, subject to confirmation by the SMB, which are thereby mandated to prepare Basic Safety/Group Safety Publications. The aim of these publications is to provide a coherent set of safety standards thus ensuring consistency of IEC standards in areas common to a number of TCs.

Registration of Organization Names in the United States

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

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

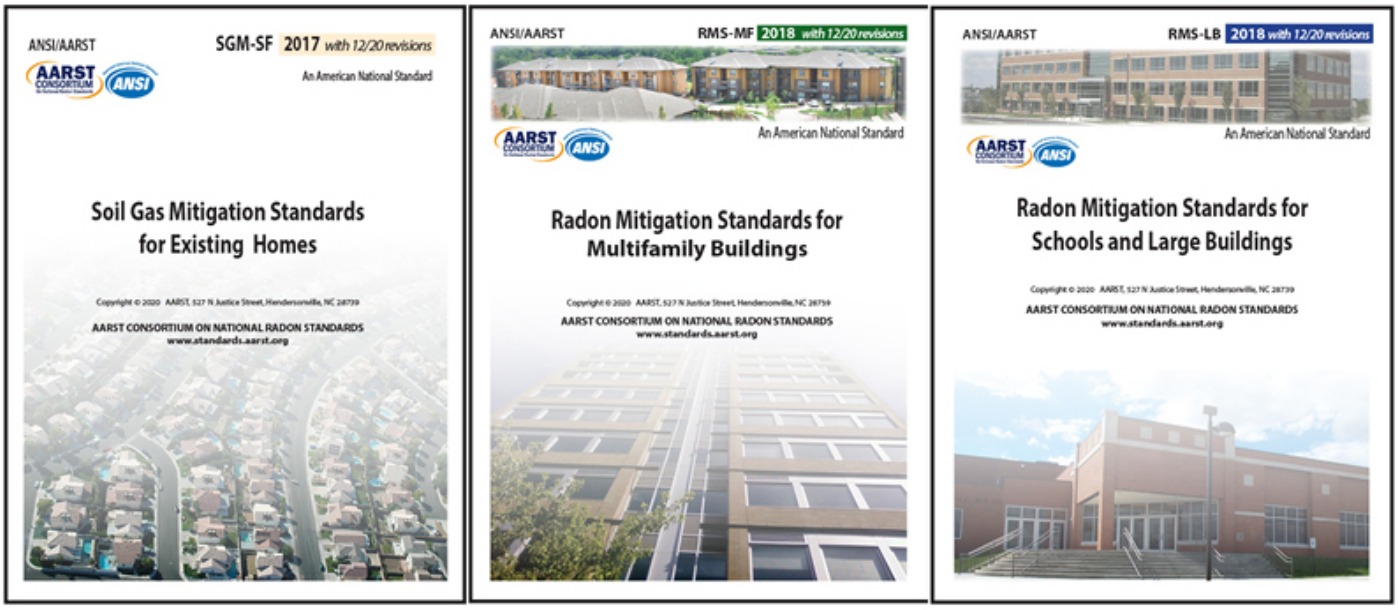
U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations notified by Member countries of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), Members are required to notify proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat issues and makes available these notifications. The purpose of the notification requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

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

The USA WTO TBT Inquiry Point is the official channel for distributing U.S. comments to the network of WTO TBT Enquiry Points around the world. U.S. business contacts interested in commenting on the notifications are asked to review the comment guidance available on Notify U.S. at: https://tsapps.nist.gov/notifyus/data/guidance/guidance.cfm prior to submitting comments.

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

Harmonization effort for
SGM-SF, RMS-MF and RMS-LB Mitigation Standards
Continuous maintenance efforts to improve these standards are currently ongoing.



Read me

The attached proposed revision to Section 9.1 (post-mitigation functional evaluations) contains a variety of harmonized updates that speak to improved clarity and consistency in effective design for both radon and soil gas mitigation systems. The proposed harmonized revisions are applicable to replacing Section 9.1 in the following ANSI/AARST publications:

- SGM-SF 2017 rev12/20
- RMS-MF 2018 rev12/20
- RMS-LB 2018 rev12/20

Latest published versions of those standards are available for comparison at www.standards.aarst.org where all ANSI/AARST standards can be found for review at no charge and for purchase.

The current mitigation standards committee roster (consensus body) can be linked to from www.standards.aarst.org/public-review. The current work project includes (1) harmonization, where possible, for all portions of these documents to read the same for the same tasks; (2) update based on new experiences, and (3) renderings that are more conductive to stakeholders who are involved in compliance assessment.

Public Review: SF-MF-LB 9.1, *2-22 COMMENT*
DEADLINE: **March 20th, 2022**

REQUESTED PROCESS AND FORM FOR FORMAL PUBLIC REVIEW COMMENTS

Submittals (MS Word preferred) may be attached by email to StandardsAssist@gmail.com

1) Do not submit marked-up or highlighted copies of the entire document.

2) If a new provision is proposed, text of the proposed provision must be submitted in writing. If modification of a

provision is proposed, the proposed text must be submitted utilizing the strikeout/underline format.

3) For substantiating statements: Be brief. Provide abstract of lengthy substantiation. (If appropriate, full text may be enclosed for project committee reference.)

REQUESTED FORMAT

Title of Public Review Draft: **SF-MF-LB 9.1, *2-22***

• **Name:** Affiliation:

• **Clause or Subclause**:

• **Comment/Recommendation**:

• **Substantiating Statements**:

• [___] Check here if your comment is supportive in nature and does not require substantive changes in the current proposal in order to resolve your comment.

Repeat the five bullet items above for <u>each</u> comment.

Requested registration of your contact information and copyright release.

ONE TIME REGISTRATION
CONTACT INFORMATION AND COPYRIGHT RELEASE

NOTE: AARST Consortium on National Radon Standards encourages original commentary on its standards. Commenters that choose to submit comments without an author's signature (due to difficulties in timeliness, proximity or other) shall be deemed to have done so at their sole discretion and have thereby acknowledged and accepted the copyright release herein. If commenters submit comments authored by others, those comments must also be accompanied by a signed copyright release from the author of the original comment. The original comment author and representing commenters may be asked to engage in dialog supporting their position.

Name: Affiliation:

Address: City: State: Zip:

Telephone: Fax: E-mail:

Copyright Release:
I hereby grant the AARST National Radon Standards Consortium the non-exclusive royalty rights, including non-exclusive royalty rights in copyright, in my proposals and I understand that I acquire no rights in publication of this standard in which my proposals in this or other similar analogous form is used. I hereby attest that I have the authority and am empowered to grant this copyright release.

Author's Signature: _____
Date _____

PLEASE FAX TO (913) 780-2090 or SHIP TO: *StandardsAssist@gmail.com* Commenters are responsible for informing the standards assistant staff a when changing contact information or other preferences.

Rationale/Commentary: This proposal replaces Section 9.1 in ANSI-AARST SGM-SF, RMS-MF and RMS-LB. It addresses needs for both radon and vapor intrusion mitigation efforts to evaluate the functional effectiveness of installed designs prior to post-mitigation testing of indoor air concentrations. Performance evaluations after installation are known to produce increased consistency in design effectiveness and the ability to often estimate effectiveness across differing seasons.

9.0 POST-MITIGATION

9.1 Functional Evaluations

Upon completion of the mitigation effort, as installed or augmented, actions prior to releasing the work product for post-*mitigation* testing of indoor or soil gas concentrations shall comply with all portions of Section 9.1.

9.1.1 *General*

Jobsite records shall be updated to include:

a. As-installed site plan diagrams or sketches that shall include key components of the mitigation system as they exist upon completion of the mitigation effort or alteration; and

b. Fan equipment model(s) and any building systems installed or altered to achieve *mitigation* goals.

9.1.2 *Non-ASD mitigation methods*

Once *mitigation* efforts that include Non-*ASD mitigation systems* or methods are complete, evaluations to validate functional performance shall be conducted as required in Section 12.

9.1.3 *ASD systems*

Once all sealing, piping and other components of the *ASD* system are complete, multiple lines of evidence relative to system performance shall be sought as required in a), b) and c) of this Section 9.1.3.

a) PFE

The air pressure differences between soil air and indoor air shall be measured for each targeted *soil gas collection plenum* addressed by each suction point and recorded in jobsite logs. Measurements, using a differential pressure gauge that is capable of reading 1/1000 inch water column (.25 Pa) differences in air pressure, shall be conducted and recorded in jobsite logs at locations that will best characterize:

1. The full expanse of the targeted *soil gas collection plenum(s);* or
2. As an alternative or supplement, other locations addressed where evidence suggests that large volumes of soil gas are susceptible to enter the building as a result of indoor air pressures.

Outdoor temperature and building operating conditions during this performance test, in accordance with related requirements in Section 5, shall be recorded in jobsite logs.

Exception: Where PFE test locations or test ports cannot be created due to building materials that are virtually irreplaceable, such as for historical preservation properties or where other unacceptable damage to building components may occur. The reason why shall be noted in jobsite logs and alternative locations or methods for verifying system effectiveness are permitted.

b) Whole System Vacuum

The vacuum within the *main trunk* duct piping on the negatively pressured side of the fan shall be measured and recorded in jobsite logs. If the measurement is outside of the manufacturer recommended operating range, further investigation is required with findings recorded in jobsite logs.

c) Other Pertinent Conditions

A description of other pertinent observations shall be recorded in Jobsite logs, to include:

1. A summary of materials and permeable conditions found under targeted slabs and actions taken to comply with requirements for suction pit size.
2. Identification of area targeted for mitigation compared to size of the full building footprint; and
3. Locations of any sizable, unclosed openings between soil and indoor air that could not be closed to restrict air movement between soil and indoor air.

9.1.4 *Vapor intrusion and ASD*

Where goals include mitigating chemical vapor intrusion, a report shall be provided to clients prior to release of the system for further evaluations and testing that includes:

a) Measured values and conditions observed as required in a), b) and c) of Section 9.1.3;
b) Measured values for *cfm* (m^3/min) rate of exhausted air; and
c) As-installed site plan diagrams or sketches and a comparison of the mitigated area relative to *COC* concentrations measured in soil.

9.1.4.1 Vapor Intrusion Test Ports

For systems intended to mitigate chemical *vapor intrusion (VI)*, test ports for future PFE and soil gas sampling shall be created and configured to result in permanent test ports that are prominently documented in the OM&M manual. The test ports shall comply with a) and b) of this Section 9.1.4.1.

a) Physical properties

The test ports shall be:

1. accessible for future measurements without disassembly of building components or finishes;
2. installed to not present hazards such as tripping hazards to occupants;
3. installed after removing a portion of aggregate, packed fill or expansive soils that can often exist under a test port;
4. installed to retain functionality over time, such as by implementing hardware to allow easy access and closure of the test port in the future; and
5. sealed in a permanent, airtight manner at the opening between test port hardware and penetrations of a slab or soil gas retarder with a configuration that durably secures the test port in place.

Reviewer Note—This provision b of Section 9.1.4.1 is only applicable to AARST SGM-SF *(Soil Gas Mitigation in Existing Homes)*. A similar provision with greater elaboration applicable to AARST RMS-MF and AARST RMS-LB mitigation standards for larger buildings is scheduled for public review once it is more complete.

b) Test port locations

The test ports shall be:

1. located at distances remote from the *suction point* to best characterize the full expanse of the targeted *soil gas collection plenum(s)*, such as the most distant accessible slab locations;
2. installed at no less than three locations for any structure and include:
   a. at least one location for each indoor slab floor of the building to include each basement, upper slab, garage and other slab-on-grade area that is greater than 64 square feet (6 m^2); and
   b. at least one location for *soil gas collection plenum(s)* addressed by each slab and membrane suction point.

BSR/ASHRAE Standard 15.2P

Public Review Draft

Safety Standard for Refrigeration Systems in Residential Applications

Fifth Public Review (February 2022)
(Draft Shows Proposed Independent Substantive Changes to Previous Public Review Draft)

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 https://www.ashrae.org/technical-resources/standards-and-guidelines/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).

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

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

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

FOREWORD

This proposed standard is the "residential" companion to the existing ANSI/ASHRAE Standard 15, Safety Standard for Refrigeration Systems. As the title implies, this standard is focused for residential applications. SSPC 15 and the Standard 15.2 subcommittee notes the following aspects of the proposed standard. Historically, residential HVAC systems have not been subjected to as rigorous application safety requirements as commercial HVAC systems related to accidental refrigerant release primarily due to: a) only refrigerants classified as A1 by ASHRAE Standard 34 have been permitted by product safety standards such as UL 1995 and UL 60335-2-40 and b) acute toxicity exposure limit (ATEL) limits of the pertinent refrigerants in residential applications would typically not be exceeded in the event of a catastrophic leak. The current movement towards refrigerants having lower global warming potential (GWP) – many of which are classified as A2L by ANSI/ASHRAE Standard 34, Designation and Safety Classification of Refrigerants – has resulted in the need for an application safety standard on which building codes could rely. The primary objective of this proposed Standard 15.2 is to craft a stakeholder document that can be utilized to seek changes in the model building codes. It is the intention that this standard can be understood and applied by manufacturers, installers, contractors, service technicians, building code officials and any other stakeholder.

North American product safety standards for residential products have been modified to address flammable refrigerants. UL/CSA 60335-2-40 3rd edition was released in December 2019. This proposed ASHRAE application safety standard was developed in parallel and is more conservative than the UL standard in several places.

The fourth (independent substantive change) public review draft for this standard received 33 comments. For this (independent substantive change) public review draft, six comments have been incorporated to improve the draft standard. The changes from these six comments are summarized below:

Section 5.3: Manufacturer's Refrigerant Detection System Requirements

- *Added an option to use safety shut-off valves to all systems*
- *Corrected dispersal floor area section reference*
- *Added ductless system requirements*

Section 9: REFRIGERANT CHARGE LIMITS

- *Modified Sections 9.5.1 and 9.5.2 to have a maximum refrigerant charge in a space up to 50% of LFL when there is continuous circulation, or circulation initiated by a refrigerant detection system*
- *Modified the title of Section 9.6.4 removing references to multi-split systems, as it now applies to all systems*
- *Modified Section 9.6.4.2 to allow safety shut-off valves to be indoors with no special provisions, since a brazed joint is not considered a leak source when following the piping provisions in this draft standard.*

Note to Reviewers: This public review makes proposed independent substantive changes to the previous public review draft. 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 previous public review draft are open for review and comment at this time. Additional material is provided for context only and is not open for comment, except as related to the proposed substantive changes.

Modify Section 5 as shown. The remainder of Section 5 is unchanged.

5. GENERAL REQUIREMENTS

[…]

5.3 ***Manufacturer*'s *Refrigerant Detection System* Requirements.** *Refrigeration systems* using an A2L *refrigerant* with more than m1 *refrigerant* charge *shall* have an *integral refrigerant detection system*, unless the

system complies with one of the following:~~The following *refrigeration systems* using an A2L *refrigerant shall* have an *integral refrigerant detection system*:~~

a. *Ducted HVAC* systems with the equipment and all *duct* openings located 5.9 ft (1.8 m) or greater above the finished floor with a *system refrigerant charge* (m_s) less than the *maximum refrigerant charge* (m_{max}), as determined by Sections 9.5 and 9.6 using the dispersal floor area as determined by Section 9.4.2.2; or ~~a *system refrigerant charge* (m_s) more than m_1, with any *duct* openings less than 5.9 ft (1.8 m) above the finished floor;~~

b. *Ducted HVAC* systems with a *system refrigerant charge* (m_s) less than the *maximum refrigerant charge* (m_{max}) as determined by Sections 9.5 and 9.6 and with the indoor equipment located 3.9 ft (1.2 m) or greater above the finished floor; or ~~using Section 9.4.2.1, "*Spaces* Connected by *Ducted HVAC* System with *Refrigerant Detection System*" for dispersal floor area calculation~~

c. *Refrigeration systems* other than those covered in (a) or (b), with a *system refrigerant charge* (m_s) less than the *maximum refrigerant charge* (m_{max}) as determined by Sections 9.5 and 9.6. ~~Any other *refrigeration system* with a *system refrigerant charge* (m_s) greater than *maximum refrigerant charge* (m_{max}) as determined by Section 9.6, "Releasable Charge (m_{rel})"~~

[…]

Modify Section 9 as shown. The remainder of Section 9 is unchanged.

9. REFRIGERANT CHARGE LIMITS

[…]

9.5 Maximum Allowable *Refrigerant* Charge. The *maximum refrigerant charge* (m_{max}) allowed for the *dispersal volume* identified using Section 9.4 *shall* be determined as follows:

9.5.1 For A2L *refrigeration systems* without *ventilation*:

$$m_{max} = C \times M \times AF$$

where:

C = *LFL* Conversion Factor, as given in Table 9.5.1

M = *Refrigerant* allowed in a *dispersal volume* based on 25% *LFL*, as given in Table 9.5.2 in kg (lb_m)

AF = 2 for systems with continuous *circulation* or *circulation* initiated by the *refrigerant detection system*

1 for all other systems

9.5.2 For A2L *refrigeration systems* with *ventilation*:

$$m_{max} = C \times (M + MV) \times AF$$

where:

C = *LFL* Conversion Factor, as given in Table 9.5.1

M = *Refrigerant* allowed in a *dispersal volume* based on 25% *LFL*, as given in Table 9.5.2 in kg (lb_m)

MV = Additional *refrigerant* mass allowed in a *dispersal volume* based on dilution using *ventilation*, as given in Table 9.5.3 in kg (lb_m)

AF = 2 for systems with continuous *circulation* or *circulation* initiated by the *refrigerant*

detection system

1 for all other systems

[…]

9.6.4 *Safety Shut-Off Valves* for ~~*Multi-Split*~~ *Systems* Using A2L *Refrigerants*

[…]

9.6.4.2 *Safety Shut-Off Valve* Location. *Safety shut-off valves* ~~*shall* be located outdoors, in a *plenum* vented to the outdoors, or in a *space* where the *dispersal volume* and total system charge complies with Section 9.5. Shut-off *valve*~~ connections located in a *space shall* comply with Sections 8.2 through 8.5.3. *Access shall* be provided to *safety shut-off valves*.

Tracking number 305i31r1

Revision to NSF/ANSI 305-2016
Issue 31 Revision 1 (February 2022)

[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 *red italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard
for Personal Care Products –

Personal Care Products Containing Organic Ingredients

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•
•

2 Reference documents

2.1 Normative references

The following documents contain ~~provisions~~ requirements that, ~~through reference~~, by reference in this text, constitute ~~provisions~~ requirements of this ~~NSF/ANSI~~ Standard. ~~At the time this Standard was balloted~~, At the time of publication, the indicated editions ~~listed below~~ were valid. All of the documents are subject to revision~~,~~ and parties are encouraged to investigate the possibility of applying the most recent editions of the documents indicated below. The most recent published edition of the document shall be used for undated references.

2.2 Informational references

The following documents are references that provide supplemental information to the provisions of this standard. At the time ~~this Standard was written~~ of publication, the indicated editions ~~indicated~~ were valid. All of the documents are subject to revision~~,~~ and parties are encouraged to investigate the possibility of applying the most recent editions of the documents indicated below. The most recent published edition of the document shall be used for undated references.

***Rationale**: This update adds clarity and continuity to all NSF/ANSI Standards, including 305.*

BSR/RESNET/ICC 380-202x
Draft PDS-03 changes to Draft PDS-02

Modify definitions as follows:

Conditioned Space Volume (CSV)[6] **–** The volume within a building or Dwelling Unit serviced by a space heating or cooling system designed to maintain space conditions at 78°F (26°C) for cooling and 68°F (20°C) for heating. The following specific spaces are addressed to ensure consistent application of this definition:

- If the volume both above and below a floor assembly meets this definition and is part of the subject Dwelling Unit, then the CSV shall include the volume of the full depth of the floor assembly. Otherwise, the volume of the full depth of the floor assembly shall be excluded.

  Exception: The wall height used to determine the volume ~~of the volume~~ shall extend from the finished floor to the bottom surface of the floor decking above the subject Dwelling Unit for all floors other than the top floor level. For Dwelling Units on the top floor, this dimension shall extend from the top surface of the finished floor to the interior surface of the enclosure air barrier.

- If the volume of at least one of the spaces horizontally adjacent to a wall assembly meets this definition and that volume is part of the subject Dwelling Unit, CSV shall include the ~~then the~~ volume of the full width of the wall assembly. Otherwise, the volume of the full width of the wall assembly shall be excluded.

  Exception: If the subject Dwelling Unit shares a wall assembly[7] with another Dwelling Unit, then the CSV of the subject Dwelling Unit shall include half the volume of the full width of that shared wall assembly.

- The CSV shall exclude the volume of a garage even when it is conditioned.
- The CSV shall exclude the volume of a thermally isolated sunroom.
- The CSV shall include the volume of an Attic, crawlspace, or a basement only if it is contiguous with and dedicated[8] to the subject Dwelling Unit and the party conducting evaluations has either:
  - Obtained an ACCA Manual J, S, and either B or D report and verified that both the heating and cooling equipment and distribution system are designed to offset the entire design load of the volume; or
  - Verified through visual inspection that both the heating and cooling equipment and distribution system serve the volume and, in the judgment of the party conducting evaluations, are capable of maintaining space conditions at 78°F (26°C) for cooling and 68°F (20°C) for heating.
- The CSV shall include the volume of an adjacent mechanical closet, regardless of access location, only if it is contiguous with and dedicated**Error! Bookmark not defined.** to the subject Dwelling Unit, only includes equipment serving the subject Dwelling Unit, and the party conducting evaluations has either:

- Obtained an ACCA Manual J, S, and either B or D report and verified that both the heating and cooling equipment and distribution system are designed to offset the entire design load of the volume; or
- Verified through visual inspection that both the heating and cooling equipment and distribution system serve the volume and, in the judgment of the party conducting evaluations, are capable of maintaining space conditions at 78°F (26°C) for cooling and 68°F (20°C) for heating.

Infiltration Volume[11] – The sum of the ~~Conditioned Space Volume~~following spaces of the subject Dwelling Unit~~,~~:

- The Conditioned Space Volume, excluding any Attics, basements, crawlspaces, and adjacent mechanical closets.
- ~~and plus t~~The Conditioned Space Volume and Unconditioned Space Volume of the following adjacent spaces if included[12] during the airtightness measurement of the enclosure: Attics, crawlspaces and the full depth of their floor assemblies above, basements and the full depth of their floor assemblies above, and adjacent mechanical closets and the full width of their wall assemblies between them and the subject Dwelling Unit.

Unconditioned Space Volume[14] **–** The volume within a building or Dwelling Unit that is not Conditioned Space Volume but which contains heat sources or sinks that influence the temperature of the area or room. The following specific spaces are addressed to ensure consistent application of this definition for inclusion in Unconditioned Space Volume:

- If either one or both of the volumes above and below a floor assembly is Unconditioned Space Volume, then the volume of the full depth of the floor assembly shall be included.
- If the volume of both of the spaces horizontally adjacent to a wall assembly are Unconditioned Space Volume, then the volume of the full width of the wall assembly shall be included.

  Exception: If the volume of one of the spaces horizontally adjacent to a wall assembly is a Dwelling Unit other than the subject Dwelling Unit, then the volume of the full width of that wall assembly shall be evenly divided between both adjacent Dwelling Units.
- The volume of an attached garage shall be included even when it is conditioned.
- The volume of a thermally isolated sunroom shall be included.
- The volume of an Attic, a crawlspace, or a basement shall be included unless it meets the definition of Conditioned Space Volume.

[6] (Informative Note) Informative Annex A has a table that summarizes parts of a Dwelling Unit that are included in Conditioned Space Volume.
[7] (Informative Note) For example, a common or demising wall.
[8] (Informative Note) That is, it does not span multiple Dwelling Units undivided.
[11] (Informative Note) Informative Annex A has a table that summarizes parts of a Dwelling Unit that are included in Infiltration Volume.
[12] (Informative Note) Sections 4.2.4, 4.2.5, 4.2.6, and 4.2.7 define whether these adjacent spaces are to be included in Infiltration Volume.
[14] (Informative Note) Informative Annex A has a table that summarizes parts of a Dwelling Unit that are included in Unconditioned Space Volume.

Modify Section 4.2 as follows:

4.2.4.1. If an Attic is contiguous with and dedicated[18] to the subject Dwelling Unit and is either: a) Conditioned Space Volume or b) Unconditioned Space Volume that is, unvented, and its with roof deck and all exterior walls are both insulated and air-sealed; then any exterior Attic access doors, hatches, and vents shall be closed to the extent possible. The pressure difference between the Attic and subject Dwelling Unit shall be evaluated during the airtightness test, per Section 4.4.1.3 (one-point airtightness test) or 4.4.2.3 (multi-point airtightness test), to determine whether to include the Attic in the Infiltration Volume.

4.2.5.1. If a crawlspace is contiguous with and dedicated**Error! Bookmark not defined.** to the subject Dwelling Unit and is either: a) Conditioned Space Volume or b) Unconditioned Space Volume, that is unvented, and its with all exterior walls are both insulated and air-sealed; then any exterior crawlspace access doors, hatches, and vents shall be closed to the extent possible. The pressure difference between the crawlspace and subject Dwelling Unit shall be evaluated during the airtightness test, per Section 4.4.1.3 (one-point airtightness test) or 4.4.2.3 (multi-point airtightness test), to determine whether to include the crawlspace and full depth of its floor assembly above in the Infiltration Volume

4.2.6.1. If a basement is contiguous with and dedicated**Error! Bookmark not defined.** to the subject Dwelling Unit and is either: a) Conditioned Space Volume or b) Unconditioned Space Volume, that is unvented, and its with all exterior walls are both insulated and air-sealed; then any exterior basement access doors, hatches, and vents shall be closed to the extent possible. The pressure difference between the basement and subject Dwelling Unit shall be evaluated during the airtightness test, per Section 4.4.1.3 (one-point airtightness test) or 4.4.2.3 (multi-point airtightness test), to determine whether to include the basement and full depth of its floor assembly above in the Infiltration Volume.

4.2.6.2. If a basement is contiguous with and dedicated**Error! Bookmark not defined.** to the subject Dwelling Unit and is Unconditioned Space Volume, that is unvented, and with no insulation is present in either its exterior walls or floor assembly above; then the basement and full depth of its floor assembly above are permitted to be either included or excluded from the Infiltration Volume, dependent on its configuration during the airtightness test. If it is to be excluded, then it shall be configured according to Section 4.2.6. If it is to be included, then any exterior basement access doors, hatches, and vents shall be closed to the extent possible, and the pressure difference between the basement and subject Dwelling Unit shall be evaluated during the airtightness test, per Section 4.4.1.3 (one-point airtightness test) or 4.4.2.3 (multi-point airtightness test), to determine whether to include the basement and full depth of its floor assembly above in the Infiltration Volume

4.2.7.1. If an adjacent mechanical closet is contiguous with and dedicated**Error! Bookmark not defined.** to the subject Dwelling Unit, only includes equipment serving the Dwelling Unit, and is either: a) Conditioned Space Volume or b) Unconditioned Space Volume, that is unvented, and with the wall assembly between it and the subject Dwelling Unit is not air-sealed; then any exterior mechanical closet access doors,

hatches, and vents shall be closed to the extent possible. The pressure difference between the mechanical closet and subject Dwelling Unit shall be evaluated during the airtightness test, per Section 4.4.1.3 (one-point airtightness test) or 4.4.2.3 (multi-point airtightness test), to determine whether to include the mechanical closet and full width of the wall assembly between it and the subject Dwelling Unit in the Infiltration Volume.

4.2.13. Openings for Ventilation~~, combustion air and make-up~~ air.

[18](Informative Note) That is, it does not span multiple Dwelling Units undivided.

Modify Section 5.2 as follows:

5.2.6.4. ~~Openings for~~ ~~All balancing dampers shall be left in their as found position.~~

5.2.7. Openings for Ventilation air within the duct system shall be treated ~~as follows~~in accordance with Sections 5.2.7.1 through 5.2.7.4:

Exception: If the test is being conducted for a purpose other than to complete an Energy Rating Index Energy Rating in accordance with ANSI / RESNET / ICC 301[55] and the authority having jurisdiction allows openings for ventilation air to not have a damper, then such openings are permitted to be sealed for the duration of the test.

[55] (Informative Note) For example, if the test is to comply with the prescriptive compliance option of a code.

BSR/UL 62915, Standard for Safety for Photovoltaic (PV) Modules – Type Approval, Design and Safety Qualification – Retesting

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

2DV DR *Addition of the following:*

UL 969, Marking and Labeling Systems

UL 61215-1, Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1: Test requirements

UL 61215-2, Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 2: Test procedures

UL 61730-1, Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction

UL 61730-2, Photovoltaic (PV) module safety qualification – Part 2: Test requirements

4 Retesting

4.1 General

This clause is separated into one subclause each for crystalline silicon and for thin-film technologies. The document is organized by major modification headings with specific supporting examples and parenthetical reference to the specific clauses of the relevant IEC standards.

Any change in the design, materials, components, material combinations, manufacturers or processing of the PV module type family from the last tested version may require a repetition of some or all of the qualification tests according to the clauses that follow in order to maintain type and safety approval. For any change in material specification, including, e.g., electrical, optical, mechanical properties, the nominal values and tolerances shall be considered. For any assessment of a new thickness or dimension, the initially tested thickness or dimension shall be used as reference. Any variation of a parameter may be assessed as change if the new value is out of the tolerance from the nominal value of this parameter.

Materials in direct contact with each other shall be tested in all applicable combinations. The required test items shall be selected only from those tests which are applicable for change of both materials. An example for an assessment procedure is given in Annex A, Clause A.4.

The number of samples to be included in the retesting program and the pass criteria are to be taken from the relevant clause/subclause of the referenced standards (‘pass criteria’).

Each PV module delivered for retesting shall be subjected to electrical stabilisation (MQT 19), as applicable by the relevant type approval standard.

All initial measurements as listed in the referenced standards shall be performed before the specific tests, e.g. tests MQT 01 / 03 / 06.1 / 15 / 19 for an IEC 61215 retest program.
Any scenario including a change in the optical path or electric circuitry that requires retesting as defined hereinafter shall include an STC output power measurement (MQT 06.1). The measured stabilized power, open-circuit voltage and short-circuit current shall be assessed against the rating (Gate No. 1), and the relative change in output power shall be assessed (Gate No. 2) according to the pass criteria laid down in the standard (see IEC 61215-1:2016, 7.2).

Final diagnostic measurements are listed in the referenced test procedure; as a minimum the same tests as performed initially shall be performed.

The Durability of markings (MST 05) and the Sharp edge test (MST 06) need to be considered in general for all design changes which may impact the results of these tests.

If multiple tests from a test sequence are required, they shall be done in the sequence prescribed by the referenced standard.

Changes in the PV module design might require assessment against IEC 61730-1 (requirements for construction) besides the indicated test programs.

Required tests in this Clause 4 are written for combined IEC 61215 (all parts) and IEC 61730 (all parts) evaluations. For simplification, the term “all parts” is omitted in the following. For single IEC 61730 evaluations, care has to be taken that tests listed herein for IEC 61215 may also be referenced and required by IEC 61730 to ensure compliance.

4.1DV D1 ***Modification by replacing the 11th paragraph with the following:***

Changes in the PV module design require assessment against UL 61730-1 (requirements for construction) besides the indicated test programs.

4.2DV DR ***Modification throughout the entire standard:***

Replace all references to IEC 61215-1 with UL 61215-1, references to IEC 61215-2 with UL 61215-2, references to IEC 61730-1 with UL 61730-1, and references to IEC 61730-2 with UL 61730-2.

4.2.7DV D1 ***Modification:***

4.2.7DV.1 Delete first 2 sentences that begin with “For bypass diodes”

~~**4.2.7DV.2 For the list under “Repeat for IEC 61730”, add new bullet:**~~

- ~~**Hot Spot Test (MST 22)**~~

4.3.11DV D1 *Modification:*

4.3.11DV.1 Delete first 2 sentences that begin with "For bypass diodes"

~~**4.3.11DV.2 For the list under "Repeat for IEC 61730", add new bullet:**~~

- ~~**Hot Spot Test (MST 22)**~~

5DV D1 *Modification by adding the following new Clauses 5.1DV and 5.2DV:*

5.1DV Qualification of new factory

For a change in the factory where the modules are manufactured:

Repeat for UL 61730:

- **Humidity Freeze (MST 52)**
- **Temperature Cycling, 200 cycles (MST 51)**

5.2DV Change in Module Label unless already qualified to UL 969 for the substrate to which it is adhered.

For the following modifications:

- **Change in material**
- **Change in adhesive**
- **Change in ink**
- **Change the component or the material of the component that the label is adhered to unless qualified to UL 969, in which case only the humidity freeze test (MST 52) is required.**

Repeat for UL 61730:

- **Sequence B on either a full sized module, or to a coupon with similar rigidity as the full sized module and with the same material layer to which the label is affixed**

BSR/UL 231, Standard for Power Outlets

1. Inclusion of Requirements for Metallic Mounting Posts and Pedestals in Section 7.1

PROPOSAL

7.1.4 Aluminum in a pedestal shall not be in contact with the concrete mounting pad unless a coating is used to separate the aluminum from the concrete pad. Aluminum in a post shall not extend below a level 12 inches (305 mm) above the marked grade level unless a coating is used on both the inside and outside of those surfaces that extend below 12 inches above the marked grade level. The coating shall be tested to demonstrate resistance to corrosion that has been determined to be equivalent to that of galvanized (G90 zinc coating) steel 0.061 inch (1.55 mm) thick.

~~7.1.5 No aluminum part of a mounting post shall extend below a level 12 inches (305 mm) above the marked grade level.~~