ANSI STANDARDS ACTION

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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.

AAFS (American Academy of Forensic Sciences)

410 North 21st Street, Colorado Springs, CO 80904 www.aafs.org
Contact: Teresa Ambrosius; tambrosius@aafs.org

New Standard

BSR/ASB BPR 165-202x, Best Practice Recommendation for Analysis of Friction Ridge Impressions (new standard)

Stakeholders: Forensic service providers; investigators; attorneys.
Project Need: Currently, the friction ridge discipline does not have robust guidance on how to analyze friction ridge impressions and categorize impressions on the basis of their complexity or assess and document the quality of friction ridge detail during the Analysis phase of the friction ridge examination methodology. Consequently, results of friction ridge Analyses lack consistency in terms of how they are performed and how the information is documented. By incorporating this best practice recommendation into standard operating procedures, forensic service providers will ensure consistency in their Analysis of friction ridge impressions (including determinations of complexity and quality) and documentation of their findings.
Scope: This document provides the best practice recommendations for the Analysis of friction ridge impressions as part of the Analysis, Comparison, and Evaluation examination methodology. These recommendations include how to assess, document the quality of friction ridge detail, categorize impressions on the basis of their complexity, and document the utility of impressions for further examination. This document does not address the Comparison or Evaluation stages of the friction ridge examination methodology.

AAFS (American Academy of Forensic Sciences)

410 North 21st Street, Colorado Springs, CO 80904 www.aafs.org
Contact: Teresa Ambrosius; tambrosius@aafs.org

New Standard

BSR/ASB BPR 166-202x, Best Practice Recommendation for Comparison and Evaluation of Friction Ridge Impressions (new standard)

Stakeholders: Forensic service providers; investigators; attorneys.
Project Need: Currently, the friction ridge discipline does not have robust guidance on how to compare friction ridge impressions and evaluate the significance of comparisons to formulate a conclusion, categorize comparisons on the basis of their complexity, or assess and document the friction ridge detail necessary to support a source conclusion during the Comparison and Evaluation phases of the friction ridge examination methodology. Consequently, results of friction ridge Comparisons and Evaluations lack consistency in terms of how they are performed, what information is relied upon to support a conclusion, and how the information is documented. By incorporating this best practice recommendation into standard operating procedures, forensic service...
Scope: This document provides the best practice recommendations for the Comparison and Evaluation of friction ridge impressions as part of the Analysis, Comparison, and Evaluation examination methodology. These recommendations include how to categorize comparisons between two friction ridge impressions on the basis of their complexity and specifies the criteria for supporting Source Conclusions. This document does not address the Analysis stage of the friction ridge examination methodology.

AAFS (American Academy of Forensic Sciences)

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Contact: Teresa Ambrosius; tambrosius@aafs.org

New Standard

BSR/ASB BPR 168-202x, Best Practice Recommendation for Testimony Monitoring in Friction Ridge Examination (new standard)

Stakeholders: Forensic service providers; investigators; attorneys.
Project Need: Forensic service providers frequently provide expert testimony related to their findings from friction ridge examinations. Courts rely on this information to assist with the resolution of questions or disputes during litigation. It is imperative that forensic practitioners convey information during testimony accurately, appropriately, and impartially. Currently, the friction ridge discipline does not have specific guidance related to monitoring personnel testimony. This document is intended to provide recommendations to forensic service providers on issues concerning testimony monitoring activities.
Scope: This document provides the best practice recommendations for Forensic Service Providers (FSP) to review the appropriateness of testimony provided by its personnel related to friction ridge examination. Recommendations include how to review testimony and assess whether methods, limitations, and interpretations of work performed were conveyed in accordance with established best practices. This document does not address the Technical Review of case files or results of friction ridge examinations.

AAFS (American Academy of Forensic Sciences)

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New Standard

BSR/ASB Std 167-202x, Standard for Reporting Results from Friction Ridge Examinations (new standard)

Stakeholders: Forensic service providers; investigators; attorneys.
Project Need: This document is intended to specify key information that shall be included in friction ridge reports issued by forensic service providers. Currently, there are no overarching requirements standardizing the minimum information to ensure consistency in forensic reports for the friction ridge discipline. Without key information, customers do not have the full information available that could influence the actions they take as a result of the report related to investigations or litigation. This document captures a cross-stakeholder perspective of key elements of information that shall be included in the report to improve the consistency and transparency of forensic reports resulting from friction ridge examinations.
Scope: This document prescribes the minimum administrative and technical information that are required to be included in friction ridge examination reports. This document does not include the requirements for supporting documentation of reported elements (e.g., case notes, custody documents, etc.), or testimony.

ACI (American Concrete Institute)

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New Standard

BSR/ACI CODE-355.2-202x, Post-Installed Mechanical Anchors in Concrete - Qualification Requirements and Commentary (new standard)

Stakeholders: Structural engineers, contractors, licensed design professionals.
Project Need: The document provides the qualifications, procedures, and testing for qualifying the use of mechanical anchors in concrete.
Scope: ACI 355.2 prescribes testing programs and evaluation requirements for post-installed mechanical anchors intended for use in concrete under the design provisions of ACI 318. Criteria are prescribed for determining whether anchors are acceptable for use in uncracked concrete only, or in cracked as well as uncracked concrete. Performance categories for anchors are established, as are the criteria for assigning anchors to each category. The anchor performance categories are used by ACI 318 to assign capacity reduction factors and other design parameters.

AIAA (American Institute of Aeronautics and Astronautics)

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Revision

BSR/AIAA G-095B-202x, Guide to Safety of Hydrogen and Hydrogen Systems (revision of ANSI/AIAA G-095A-2017)

Stakeholders: Stakeholders include NASA, DoD, DOE, commercial space and all supporting enterprises, other government entities, and industry.
Project Need: Accidents involving hydrogen gas or cryogenic hydrogen liquid are well documented and continue to occur. The information available in the guide can help all those involved with the production, transportation, and use of hydrogen to avoid costly accidents. The guide will provide critical safety information and aerospace best practice to producers and users of hydrogen.
Scope: The guide provides information on basic hydrogen safety guidelines; hydrogen physical properties; materials suitable for hydrogen services; guidelines for location, design, and maintenance of hydrogen facilities; design of hydrogen storage vessels and components; hydrogen detection; hydrogen fire detection; and operating and emergency procedures. Relevant codes and standards are referenced.

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 www.assp.org
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Revision

BSR/ASSE Z359.2-202x, Minimum Requirements for a Comprehensive Managed Fall Protection Program (revision of ANSI/ASSE Z359.2-2017)

Stakeholders: OSH professionals.
Project Need: Based upon the consensus of the Z359 committee and the leadership of ASSP.
Scope: This standard establishes criteria and requirements for an employer's fall protection program including policies, duties and responsibilities, training, survey and identification of fall hazards, fall protection procedures, eliminating or controlling fall hazards, rescue procedures, program implementation, incident investigation, and evaluating program effectiveness.

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 www.assp.org
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Revision

BSR/ASSP Z359.3-202x, Safety Requirements for Lanyards and Positioning Lanyards (revision of ANSI/ASSP Z359.3 -2019)

Stakeholders: OSH professionals.
Project Need: Based upon the consensus of the Z359 committee and the leadership of ASSP.
Scope: This standard establishes requirements for the design, performance, qualification testing, test methods, marking, instruction, training, maintenance, and removal from service of lanyards and positioning lanyards for users within the capacity range of 130 to 310 pounds (59 to 140 kg).

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 www.aws.org
Contact: Mario Diaz; mdiaz@aws.org

Revision

BSR/AWS C1.5-202x, Specification for the Qualification of Resistance Welding Technicians (revision of ANSI/AWS C1.5 -2019)

Stakeholders: Resistance Welding community.
Project Need: This specification establishes the requirements for qualification of Resistance Welding Technicians (RWT) employed in the welding industry. The minimum experience, examination, application, qualification, and requalification requirements and methods are defined in this standard. This specification is a method for technicians to establish a record of their qualification and abilities in welding industry work such as development of machine trouble shooting, processes controls, quality standards, problem solving, etc.
Scope: This specification is intended to supplement the minimum requirements of employers, codes, other standards or documents, and shall not be construed as a preemption of the employer's responsibility for the work or for the performance of the work.

AWS (American Welding Society)

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Contact: Mario Diaz; mdiaz@aws.org

Revision

BSR/AWS C1.1M/C1.1-202x, Recommended Practices for Resistance Welding (revision of ANSI/AWS C1.1M/C1.1 -2019)

Stakeholders: Welding industry.
Project Need: It is the intent of this publication to present current concepts and practices for resistance welding (and related processes) of ferrous and nonferrous metals including coated and dissimilar metals. Where practical, welding schedules are included. In other instances where schedules are too varied or the state-of-the-art is not sufficiently developed, descriptive guidelines are included to enable the user to establish welding procedures to meet its requirements.
Scope: This Recommended Practice is a collection of data and procedures that are intended to assist the user in setting up resistance welding equipment to produce resistance-welded production parts. While the recommendations included are not expected to be the final procedures for every production part or every welding machine, they serve as starting points from which a user can establish acceptable welding-machine settings for specific production welding applications. In some cases, recommended machine data is not available. In these instances, some description of the process is given to assist the reader in determining if the process might be suitable for the application.

AWS (American Welding Society)

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Contact: Mario Diaz; mdiaz@aws.org

Revision

BSR/AWS C6.2/C6.2M-202x, Specification for Rotary Friction Welding of Metals (revision of ANSI/AWS C6.2/C6.2M -2021)

Stakeholders: Friction Welding professionals.
Project Need: This document specifies the requirements for the manufacture and quality assurance of rotary friction weldments. It also contains requirements for the qualification of welding machines, welding procedures, and training of operators. This specification is directly applicable to inertia and direct-drive variants of rotary friction welding, but may also be used with orbital variants.
Scope: This specification provides for the qualification of rotary friction welding machines, procedures, and training of welding operators. Qualification of the welding procedure specification (WPS) includes the material specifications involved, weld joint design, destructive and nondestructive examination requirements, as well as guidelines for different categories of quality assurance. Qualification of welding equipment includes weld parameter control and weld reproducibility. Welding operators require training in the proper operation of rotary friction welding equipment. The requirements for requalification of the WPS and equipment are also given.

AWS (American Welding Society)

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Contact: Mario Diaz; mdiaz@aws.org

Revision

BSR/AWS D8.8M-202x, Specification for Automotive Weld Quality Arc Welding of Steel (revision of ANSI/AWS D8.8M -2020)

Stakeholders: Automotive community, Arc Welding community.
Project Need: Substantive comments stemmed from the recent fifth edition and a sixth edition needs to be created.
Scope: This specification describes weld geometry and workmanship criteria essential to ensure the quality of automotive and light truck weldments. This specification covers the arc and hybrid arc welding of coated and uncoated steels.

AWS (American Welding Society)

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Revision

BSR/AWS D8.10M-202x, Specification for Automotive Weld Quality - Laser Beam Welding of Steel (revision of ANSI/AWS D8.10M-2021)

Stakeholders: Major automotive manufacturers and other OEM and Tier suppliers of automotive body components.
Project Need: This document will standardize laser beam weld inspection procedures and establish guidelines for process control and quality acceptance of laser beam welds in automotive body applications.
Scope: This specification defines quality characteristics and metrics pertinent to laser beam welding on steels used in automotive body applications. The evaluation methods and inspection criteria specified in this standard can be used to evaluate the effectiveness of particular welding equipment and procedures used to weld a particular base material combination. The criteria and metrics are the same for all welds regardless of the service load. Welds that do not meet the weld quality criteria of this specification may be satisfactory for certain applications. The acceptance criteria of this standard are not intended for applications outside this scope: this may lead to erroneous results

AWS (American Welding Society)

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Contact: Mario Diaz; mdiaz@aws.org

Revision

BSR/AWS D17.3/D17.3M-202x, Specification for Friction Stir Welding of Aluminum Alloys for Aerospace Applications (revision of ANSI/AWS D17.3/D17.3M-2021)

Stakeholders: Aerospace Fabrication and Manufacturing companies.
Project Need: This specification contains the requirements for friction stir welding (FSW) of aluminum aerospace hardware. The requirements include design of welded joints, qualification of procedures and operators, fabrication, and inspection. The FSW methods covered by this specification are conventional FSW, retractable probe FSW, and self-reacting FSW.
Scope: This specification covers the general requirements for the friction stir welding of aluminum alloys for aerospace applications. It includes the requirements for weldment design, qualification of personnel and procedures, fabrication, and inspection.

AWWA (American Water Works Association)

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Supplement

BSR/AWWA C214a-202x, Machine-Applied Polyolefin Tape Coatings for Steel Water Pipe (supplement to ANSI/AWWA C214-2020)

Stakeholders: Drinking Water Treatment and Supply industry. Water utilities, consulting engineers, water treatment equipment manufacturers, etc.
Project Need: The purpose of this addendum to C214-20 is to use the correct technical properties (i.e., tensile strength and elongation at yield point) for this coating system.
Scope: The addendum will include a revision to the strength and elongation requirements in Table 1 (Prequalification requirements of inner-layer tape) and Table 2 (Prequalification requirements of outer-layer tape).

AWWA (American Water Works Association)

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Supplement

BSR/AWWA C225a-202x, Fused Polyolefin Coatings for Steel Water Pipe (supplement to ANSI/AWWA C225-2020)

Stakeholders: Drinking Water Treatment and Supply industry. Water utilities, consulting engineers, water treatment equipment manufacturers, etc.
Project Need: The purpose of this addendum to C225-20 is to use the correct technical properties (i.e., tensile and elongation at the yield point) for this coating system.
Scope: The addendum will include a revision to the strength and elongation requirements in Table 1 (Prequalification requirements of inner-layer tape) and Table 2 (Prequalification requirements of outer-layer tape).

ESTA (Entertainment Services and Technology Association)

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Revision

BSR E1.59-202x, Entertainment Technology - Object Transform Protocol (OTP) (revision of ANSI E1.59-2021)

Stakeholders: Theatrical Automation System manufacturers; media server, lighting, sound, and projection system manufacturers; system integrators; and system programmers.
Project Need: Almost as soon as ANSI E1.59 was approved, there was a request to add support for camera tracking with attributes such as zoom, focus, lens intrinsics, etc. This revision is to add a module or modules for those video-camera-related attributes.
Scope: ANSI E1.59 describes a mechanism to transfer object transform information such as position, orientation, and velocity over an IP network using a subset of the [ACN] protocol suite. It covers data format, data protocol, data addressing, and network management. Data transmitted is intended to coordinate visual and audio elements of a production and should not be used for safety-critical applications. The existing standard is being revised to include new modules for video camera attributes.

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

5001 East Philadelphia Street, Ontario, CA 91761 https://www.iapmostandards.org
Contact: Kyle Thompson; kyle.thompson@iapmo.org

New Standard

BSR/IAPMO Z1059-202x, Wastewater Diverter Valves and Diversion Systems (new standard)

Stakeholders: Manufacturers, users, inspectors, distributors, designers, and contractors.
Project Need: Needed for testing and certification purposes.
Scope: This standard covers wastewater diverter valves and diversion systems and specifies requirements for materials, physical characteristics, performance testing, and markings. Wastewater diverter valves covered by this Standard can be used in alternate water source systems for indoor and outdoor non-potable uses.

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

700 K Street NW, Suite 600, Washington, DC 20001 www.incits.org
Contact: Lynn Barra; comments@standards.incits.org

National Adoption

INCITS/ISO/IEC 19944-1:2020 [202x], Cloud computing and distributed platforms - Data flow, data categories and data use - Part 1: Fundamentals (identical national adoption of ISO/IEC 19944-1:2020)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Document extends the existing cloud computing vocabulary and reference architecture in ISO/IEC 17788 and ISO/IEC 17789 to describe an ecosystem involving devices using cloud services, describes the various types of data flowing within the devices and cloud computing ecosystem, describes the impact of connected devices on the data that flow within the cloud computing ecosystem, describes flows of data between cloud services, cloud service customers, and cloud service users; provides foundational concepts, including a data taxonomy; and identifies the categories of data that flow across the cloud service customer devices and cloud services.

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

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Contact: Lynn Barra; comments@standards.incits.org

National Adoption

INCITS/ISO/IEC 22123-1:2021 [202x], Information Technology - Cloud Computing - Part 1: Vocabulary (identical national adoption of ISO/IEC 22123-1:2021)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Provides terms and definitions for vocabulary used in the field of cloud computing.

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

700 K Street NW, Suite 600, Washington, DC 20001 www.incits.org
Contact: Lynn Barra; comments@standards.incits.org

National Adoption

INCITS/ISO/IEC 23264-1:2021 [202x], Information Security - Redaction of Authentic Data - Part 1: General (identical national adoption of ISO/IEC 23264-1:2021)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Specifies properties of cryptographic mechanisms to redact authentic data. In particular, it defines the processes involved in those mechanisms, the participating parties, and the cryptographic properties.

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

700 K Street NW, Suite 600, Washington, DC 20001 www.incits.org
Contact: Lynn Barra; comments@standards.incits.org

National Adoption

INCITS/ISO/IEC 22624:2020 [202x], Information Technology - Cloud Computing - Taxonomy Based Data Handling For Cloud Services (identical national adoption of ISO/IEC 22624:2020)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Describes a framework for the structured expression of data-related policies and practices in the cloud computing environment, based on the data taxonomy in ISO/IEC 19944; provides guidelines on application of the taxonomy for handling of data based on data subcategory and classification; covers expression of data-related policies and practices including, but not limited to data geolocation, cross-border flow of data, data access and data portability, data use, data management, and data governance; describes how the framework can be used in codes of conduct for practices regarding data at rest and in transit, including cross-border data transfer, as well as remote access to data; provides use cases for data handling challenges, i.e., control, access and location of data according to ISO/IEC 19944 data categories. This document is applicable primarily to cloud service providers, cloud service customers (CSCs), and cloud service users, but also to any person or organization involved in legal, policy, technical or other implications of taxonomy-based data management in cloud services.

NEMA (ASC C137) (National Electrical Manufacturers Association)

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Contact: Michael Erbesfeld; Michael.Erbesfeld@nema.org

Revision

BSR/C137.1-202X, Zero to Ten Volt (0-10V) Dimming Interface for LED Drivers, Fluorescent Ballasts, and Controls (revision of ANSI/C137.1-2019)

Stakeholders: Producers, users, general interest.
Project Need: This standard needs to be updated to address a conflict that exists with a revision that was incorporated in the 2020 edition of NFPA 70, the National Electrical Code. Consideration will be given to include calculation guidance for the voltage drop on the 0-10 volt dimming interface as a function of wiring distance.
Scope: This Standard specifies the 0-10 volt control interface method and performance requirements for dimmable LED drivers, fluorescent ballasts, and dimming control units where output power is adjustable between minimum/off and maximum via a control input signal. The interface may be from one or more control units to one or more drivers or ballasts. Applications include, but are not limited to, commercial, residential, industrial, roadway and area, and hospitality. Applicable devices include, but are not limited to, dimmable drivers and ballasts that may be internal or external to luminaires, dimming controls, and daylighting controls. This Standard does not specify control by pulse-width modulation (PWM).

PSAI (Portable Sanitation Association International)

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Revision

BSR/PSAI Z4.3-202x, Standard for Sanitation - Nonsewered Waste Disposal Systems at Places of Employment: Minimum Requirements (revision of ANSI/PSAI Z4.3-2016)

Stakeholders: Workers, employers, and contractors who rely on non-sewered sanitation systems and services; portable sanitation providers/operators; Portable Sanitation Equipment manufacturers; manufacturers of supplies for the portable sanitation industry, public health officials; worker health and safety professionals/advocates; regulatory agencies concerned with safety in the food supply and environmental protection.
Project Need: Millions of people work on job sites where non-sewered sanitation systems are the only practical option for meeting basic human toileting and washing needs, or where non-sewered systems supplement sewered facilities that may be limited. In this extensive review of the standard, we anticipate the need to update existing minimum requirements in light of post-COVID 19 health measures and evolving expectations from users. The scope of the existing standard (ANSI/PSAI Z4.3-2016) applied to "sanitary waste disposal systems, including at places of employment, wherever such systems are not connected to a sanitary sewer, septic tank or on-site sewage-disposal treatment facility." The revision will be limited to those systems at places of employment, and revision of another standard (ANSI/PSAI Z4.4-2016) will address minimum standards for these systems for use by the public accessing them in non-work environments.
Scope: This standard will cover requirements for non-sewered sanitation supplied to workers on construction sites, agricultural establishments, and anywhere else they may not have immediate access to toilets or hand washing facilities connected to a sanitary sewer, septic tank, or on-site sewage-disposal treatment facility. The standard will address minimum equipment needs, placement and safety requirements, sanitation and cleaning schedules, and disposal of waste. This is an extensive revision and reorganization of content; the entire document will be open for comment.

PSAI (Portable Sanitation Association International)

2626 E. 82nd Street, Suite 175, Bloomington, MN 55425
www.psai.org Contact: Karleen Kos; karleenk@psai.org

Revision

BSR/PSAI Z4.4-202x, Standard for Sanitation - Nonsewered Waste Disposal Systems: All Non-Work Sites: Minimum Requirements (revision of ANSI/PSAI Z4.4-2016)

Stakeholders: Event planners, parks and recreation experts, disaster relief officials, homeless advocates, and others in the general public who rely on non-sewered sanitation systems and services in non-work environments; portable sanitation providers/operators; Portable Sanitation Equipment manufacturers; manufacturers of supplies for the portable sanitation industry; public health officials; safety professionals and advocates; regulatory agencies concerned with safety in the food supply and environmental protection.
Project Need: Millions of people attend events, visit parks and campgrounds, or find themselves in other environments where non-sewered sanitation systems are the only practical option for meeting basic human toileting and washing needs, or where non-sewered systems supplement sewered facilities that may be limited. This standard will address minimum requirements for non-sewered sanitation systems in all non-work environments. In this extensive review, we anticipate the need to update existing minimum requirements in light of post-COVID 19 health measures and evolving expectations from users. The scope of the existing standard (ANSI/PSAI Z4.4-2016) applies to minimum sanitation requirements for "field sanitation and for temporary labor camps that will include persons with or without their families employed in any occupation or work for which labor-force quarters are provided." The revision will exclude sanitation requirements at places of employment, and those requirements will be covered in PSAI Z4.3-202x.
Scope: This standard will cover requirements for non-sewered sanitation supplied to the general public (excluding workers) anywhere they may not have immediate access to toilets or hand-washing facilities connected to a sanitary sewer, septic tank, or on-site sewage-disposal treatment facility. The standard will address minimum equipment needs, placement and safety requirements, sanitation and cleaning schedules, and disposal of waste. This is an extensive revision and reorganization of content; the entire document will be open for comment.

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

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New Standard

BSR A118.18-202x, Standard Test Methods and Specifications for Foam Core Backer Boards (new standard)

Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category); related material manufacturers (manufacturing interest category); distributors, retailers and consumers (user interest category); and affiliated industries and other general interest users of this standard (general interest category).
Project Need: Various stakeholders have suggested that a new specification for foam core backer boards be created.
Scope: This specification describes the test methods and the minimum requirements and values for foam core backer boards.

UL (Underwriters Laboratories)

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New Standard

BSR/UL 8801-202x, Standard for Safety for PV (Photovoltaic) Luminaire Systems (new standard)

Stakeholders: Lighting Equipment and System manufacturers, PV Luminaire Systems manufacturers, users and consumers of lighting and PV luminaires and systems.
Project Need: To establish requirements for the safe interoperability of devices that generate, store, and consume electricity to provide illumination independent of the normal utility grid. There are fire risks associated with the heat that may be generated by these systems, if not properly designed or produced with sufficient quality control. There can also be electric shock injury risks if designs exceed the voltage limits proposed by these requirements, and such exceedances do not appear necessary for these systems to achieve their desired functionality. Establishing a standard to reduce and eliminate these risks will promote public trust and confidence, thus aiding acceptance and deployment.
Scope: The requirements in this proposed new standard apply to lighting systems that include one or more PV (photovoltaic) modules, storage batteries, one or more luminaires, and controls to manage the energy flow between these devices. They are not interactive with the utility grid and do not supply power to remote equipment. They can be fixed-in-place or portable, but are not handheld devices (i.e., flashlights or lanterns). They are intended to be installed in accordance with the U.S. National Electrical Code (NEC), ANSI/NFPA 70 and in accordance with the Canadian Electrical Code, Part I (CEC), CSA C22.1.

VITA (VMEbus International Trade Association (VITA))

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New Standard

BSR/VITA 74.1-202x, Naming Conventions and Slot Profiles for VNX Systems (new standard)

Stakeholders: Manufacturers and users of VNX modules for critical embedded systems.
Project Need: Provide a standard for naming convention for VNX systems.
Scope: This document defines Naming Conventions and Slot Profiles for the VITA 74 (VNX) family of standards. This standard defines the location devices, connectors, contacts, signal planes, and interface blocks for VNX modules and backplanes.

VITA (VMEbus International Trade Association (VITA))

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New Standard

BSR/VITA 74.5-202x, Optical and Coaxial Interconnects for VNX Systems (new standard)

Stakeholders: Manufacturers and users of VNX modules for critical embedded systems.
Project Need: Provide a standard for Optical and Coaxial Interconnects in VNX Systems.
Scope: This document is an extension of the ANSI/VITA 74.0 Small Form Factor Module Base Standard defining the configuration of Optical and RF/Video Coaxial interface hardware used for blind mate of Optical and RF/Video signals in VNX systems.

VITA (VMEbus International Trade Association (VITA))

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

New Standard

BSR/VITA 74.7-202x, Alternate Retention and Cooling Mechanisms for VNX Systems (new standard)

Stakeholders: Manufacturers and users of VNX modules for critical embedded systems.
Project Need: Provide a standard for Alternate Retention and Cooling Mechanisms in VNX Systems.
Scope: This document is an extension of the ANSI/VITA 74.0 Small Form Factor Module Base Standard defining the hardware required to implement alternate retention and cooling features in VNX systems.

VITA (VMEbus International Trade Association (VITA))

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

New Standard

BSR/VITA 74.8-202x, Power Supply Modules for VNX Systems (new standard)

Stakeholders: Manufacturers and users of VNX modules for critical embedded systems.
Project Need: Provide a standard for Power Supply Modules in VNX Systems.
Scope: This document is an extension of the ANSI/VITA 74.0 Small Form Factor Module Base Standard defining the hardware required to implement VNX compatible Power Supply, Filter, and Energy Storage Modules in VNX systems.

Call for Comment on Standards Proposals

American National Standards

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

Comment Deadline: June 13, 2021

ABYC (American Boat and Yacht Council)

613 Third Street, Suite 10, Annapolis, MD 21403 (410) 990-4460 www.abycinc.org

Revision

BSR/ABYC H-25-202x, Portable and Semi-Portable Marine Gasoline Fuel Systems (revision of ANSI/ABYC H-25-2016)
This standard applies to the design, construction, and stowage of portable and semi-portable tanks less than 25 gal (94.6 L) and related fuel lines and accessories comprising a portable marine gasoline fuel system for boats.
Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: comments@abycinc.org

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

180 Technology Parkway, Peachtree Corners, GA 30092 (678) 539-1214 www.ashrae.org

Addenda

BSR/ASHRAE Addendum 62.1ag-202x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)
Proposed Addendum ag replaces the calculation method in current Normative Appendix B2 (Separation of Exhaust Outlets and Outdoor Air Intakes) with a new method based upon ASHRAE Research Project 1635 (2016), sponsored by ASHRAE Technical Committee (TC) 4.3. The purpose of this Research Project is to provide a simple, yet accurate, procedure for calculating the minimum distance required between the outlet of an exhaust system and the outdoor air intake to a ventilation system to avoid re-entrainment of exhaust gases. The new procedure addresses the technical deficiencies in the simplified equations and tables that are currently in Standard 62.1-2019 and model building codes.
Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: June 13, 2021

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

180 Technology Parkway, Peachtree Corners, GA 30092 (678) 539-1214 www.ashrae.org

Addenda

BSR/ASHRAE Addendum 62.1e-202x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)
Section 5.10 of ASHRAE Standard 62.1-2019 now instructs designers of ventilation systems to provide equipment and controls that limit the indoor air dew point to a maximum of 60°F (15°C) during both occupied and unoccupied mode operation. However, the dampness and mold problem sometimes also occurs in buildings cooled by direct evaporation into the supply air. At present, Std 62.1 does not address these risks. In light of that concern, the 62.1 committee is considering the most appropriate way for designers to limit humidity in buildings and spaces served by direct evaporative cooling equipment. Limiting the indoor RH rather than the dew point would be a more energy-appropriate strategy. Proposed Addendum e adds a new Section 5.11 for direct evaporatively cooled buildings.
Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

180 Technology Parkway, Peachtree Corners, GA 30092 (678) 539-1214 www.ashrae.org

Addenda

BSR/ASHRAE Addendum 62.1f-202x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)
The language of Section 5.10 has been interpreted by users that the standard requires humidity sensors in every space served by a mechanically cooled system. This not being the intent of the adopted language, Addendum f has been proposed to clarify the intent.
Click here to view these changes in full
Send comments (with optional copy to 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 (734) 827-3817 www.nsf.org

Revision

BSR/NSF 7-202x (i17r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2019)
This Standard contains requirements for refrigerators and freezers used to store and/or display cold food. The types of refrigerators and freezers covered by this Standard include, but are not limited to: storage refrigerators (e.g., reach-in, under counter, walk-in, roll-in); storage freezers (e.g., reach-in, under counter, walk-in, roll-in); rapid pull-down refrigerators and freezers; refrigerated food transport cabinets; refrigerated buffet units; refrigerated food preparation units; display refrigerators; beverage coolers; and ice cream cabinets.
Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: arose@nsf.org

UL (Underwriters Laboratories)

171 Nepean Street, Suite 400, Ottawa, ON K2P 0B4 Canada (613) 368-4419 https://ul.org/

Revision

BSR/UL 514A-202X, Standard for Safety for Metallic Outlet Boxes (revision of ANSI/UL 514A-2017)
(1) Topic 1: Slots in adjustable metal outlet boxes for use only with bar hanger assemblies; (2) Topic 2: Clarification of the calculation method for open hole area in boxes with removable faces; (3) Topic 3: Update typo reference in clause 12.6.2.3; (4) Topic 4: Test of preinstalled bonding/grounding conductors.
Click here to view these changes in full
Send comments (with optional copy to 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: June 13, 2021

UL (Underwriters Laboratories)

171 Nepean Street, Suite 400, Ottawa, ON K2P 0B4 Canada (613) 368-4419 https://ul.org/

Revision

BSR/UL 1482-202X, Standard for Safety for Solid-Fuel Type Room Heaters (revision of ANSI/UL 1482-2020)
Topic 1: Marking instructions.
Click here to view these changes in full
Send comments (with optional copy to 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: June 28, 2021

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 (703) 253-8284 www.aami.org

Reaffirmation

BSR/AAMI ST15883-2-2013 (ISO 15883-2-2006 MOD)-2013 (R202x), Washer-Disinfectors, Part 2: Requirements and Tests for Washer-Disinfectors Employing Thermal Disinfection for Surgical Instruments, Anaesthetic Equipment, Bowls, Dishes, Receivers, Utensils, Glassware, etc. (reaffirm a national adoption ANSI/AAMI ST15883-2-2013 (ISO 15883-2-2006 MOD) -2013 (R2015))
Specifies particular requirements for washer disinfectors (WD) that are intended for use for the cleaning and thermal disinfection, in a single operating cycle, of re-usable medical devices such as surgical instruments, anaesthetic equipment, bowls, dishes and receivers, utensils, and glassware.
Single copy price: $131.00 (list)/$74.00 (AAMI members)
Obtain an electronic copy from: https://store.aami.org/s/store#/store/browse/detail/a152E000006j61qQAA
Send comments (with optional copy to psa@ansi.org) to: abenedict@aami.org

ANS (American Nuclear Society)

555 North Kensington Avenue, La Grange Park, IL 60526 (708) 579-8268 www.ans.org

Reaffirmation

BSR/ANS 15.11-2016 (R202x), Radiation Protection at Research Reactors (reaffirmation of ANSI/ANS 15.11-2016)
This standard establishes the elements of a radiation protection program and the criteria necessary to provide an acceptable level of radiation protection for personnel at research reactor facilities and the public consistent with keeping exposures and releases as low as reasonably achievable.
Single copy price: $124.00
Obtain an electronic copy from: orders@ans.org
Order from: orders@ans.org
Send comments (with optional copy to psa@ansi.org) to: pschroeder@ans.org

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

180 Technology Parkway, Peachtree Corners, GA 30092 (404) 636-8400 www.ashrae.org

Revision

BSR/ASHRAE Standard 72-202x, Method of Testing Open and Closed Commercial Refrigerators and Freezers (revision of ANSI/ASHRAE Standard 72-2018)
This revision of ANSI/ASHRAE Standard 72-2018 prescribes a uniform method of testing open and closed refrigerators and freezers for rating so that comparative evaluations can be made of energy consumption, product temperature performance, refrigeration load, the suction pressures required, and other performance factors. It includes updates in the loading of test simulators and filler material; the sequence of operations during the test; and the instructions for some measurements. It also adds provisions for roll-in racks.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Order from: standards.section@ashrae.org
Send comments (with optional copy to psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

Comment Deadline: June 28, 2021

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 (305) 443-9353 304 www.aws.org

Revision

BSR/AWS D1.8/D1.8M-202x, Structural Welding Code Seismic Supplement (revision of ANSI/AWS D1.8/D1.8M-2016)
The provisions of this code supplement the provisions of AWS D1.1/D1.1M, Structural Welding Code - Steel, and shall apply to the design, fabrication, quality control, and quality assurance of welded joints in Seismic Force Resisting Systems designed in accordance with the AISC Seismic Provisions for Structural Steel Buildings. All provisions of AWS D1.1/D1.1M for statically loaded structures shall apply to the designated welds, except as specifically modified in this standard.
Single copy price: $82.00
Obtain an electronic copy from: jmolin@aws.org
Order from: Jennifer Molin; jmolin@aws.org
Send comments (with optional copy to psa@ansi.org) to: Same

AWWA (American Water Works Association)

6666 W. Quincy Avenue, Denver, CO 80235 (303) 347-6178 www.awwa.org

Revision

BSR/AWWA G200-202x, Distribution Systems Operation and Management (revision of ANSI/AWWA G200-2015)
This standard describes the critical requirements for the effective operation and management of drinking water distribution systems.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Order from: AWWA, Attn: Vicki David; vdavid@awwa.org
Send comments (with optional copy to psa@ansi.org) to: AWWA, Attn: Paul J. Olson, polson@awwa.org

CSA (CSA America Standards Inc.)

8501 E. Pleasant Valley Road, Cleveland, OH 44131 (216) 524-4990 www.csagroup.org

Reaffirmation

BSR Z21.5.2-2016 (R202x), Standard for Gas Clothes Dryers, Volume II, Type 2 Clothes Dryers (same as CSA 7.2) (reaffirmation of ANSI Z21.5.2-2016)
1 Scope. 1.1 This Standard applies to newly produced type 2 clothes dryers referred to in this standard as dryers, constructed entirely of new, unused parts and materials for use with: (a) natural gas; (b) manufactured gas; (c) mixed gas; (d) propane gas; and (e) LP gas-air mixtures. The construction of dryers for use with the above-mentioned gases is covered in Clause 4. The performance of dryers for use with the above-mentioned gases is covered in Clause 5. 1.2 This Standard also covers all electrical equipment, wiring, and accessories built in or supplied for use with the dryer. It covers only dryers whose electrical equipment, wiring, and accessories are intended to be installed in accordance with the National Electrical Code, ANSI/NFPA 70, or the Canadian Electrical Code, CSA C22.1. This Standard covers dryers having supply voltage ratings of 120, 208, 240, 277, or 480 volts.
Single copy price: Free
Obtain an electronic copy from: david.zimmerman@csagroup.org
Send comments (with optional copy to psa@ansi.org) to: david.zimmerman@csagroup.org

Comment Deadline: June 28, 2021

CSA (CSA America Standards Inc.)

8501 E. Pleasant Valley Road, Cleveland, OH 44131 (216) 524-4990 www.csagroup.org

Reaffirmation

BSR/CSA LC 4-2012 (R202x), CSA 6.32-2012 (R202x) and LC4a-2013 (R202x), CSA 6.32a-2013 (R202x), Press-Connect Metallic Fittings for Use In Fuel Gas Distribution Systems (reaffirmation of ANSI/CSA LC 4-2012 (R2017), CSA 6.32-2012 (R2016) and LC4a-2013 (R2017), CSA 6.32a-2013 (R2016))
Details test and examination criteria for metallic press-connect type fittings and valves for use with fuel gas tube systems intended for installation above ground, below ground, indoors, and outdoors for operating pressures not exceeding 125 psig for use with copper tube ½" through 4" nominal size.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (with optional copy to psa@ansi.org) to: ansi.contact@csagroup.org

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 (212) 244-1505 www.esta.org

New Standard

BSR ES1.4-202x, Event Safety - Fire Safety Requirements (new standard)
This standard applies to fire safety specifically in the live event industry. As used here, the live event industry includes concerts, festivals, sporting events, motorsports, community celebrations, theater and film production, corporate events and activations, trade shows, and similar events, both indoors and outdoors. Fire safety is the identification and assessment of event specific fire risks, and the effects that fire and smoke will have to the life safety of all persons who may be affected. Fire Safety includes those measures required to minimize the likelihood of a fire starting, means of escape (egress), fire safety monitoring, and the methods used to limit the development, spread, and effects of fire.
Single copy price: Free
Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php
Order from: Karl Ruling; standards@esta.org
Send comments (with optional copy to psa@ansi.org) to: Richard Nix; standards@esta.org

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 (212) 244-1505 www.esta.org

New Standard

BSR E1.37-5-202x, General Purpose Messages for ANSI E1.20, RDM (new standard)
This document provides additional Get/Set parameter messages (PIDs) for use with the ANSI E1.20, Remote Device Management, protocol.
Single copy price: Free
Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php
Order from: Karl Ruling; standards@esta.org
Send comments (with optional copy to psa@ansi.org) to: Same

Comment Deadline: June 28, 2021

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 (212) 244-1505 www.esta.org

Revision

BSR E1.20-202x, Entertainment Technology - Remote Device Management over USITT DMX512 Networks (revision of ANSI E1.20-2010)
The existing ANSI E1.20 - 2010, Entertainment Technology--Remote Device Management over USITT DMX512 Networks, is being revised to clarify ambiguities, fix bugs, and incorporate some additional features. E1.20 is an extension to USITT DMX512 and ANSI E1.11 that allows for bi-directional communication on the primary data link. This allows a controller to discover RDM-enabled devices on the link, to set starting addresses and other configuration settings, and to request status messages.
Single copy price: Free
Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php
Order from: Karl Ruling; standards@esta.org
Send comments (with optional copy to psa@ansi.org) to: Same

HI (Hydraulic Institute)

300 Interpace Parkway, Building A, 3rd Floor, Parsippany, NJ 07054 (862) 226-2055 www.pumps.org

Revision

BSR/HI 10.1-10.5-202x, Air-Operated Pumps for Nomenclature, Definitions, Application, and Operation (revision of ANSI/HI 10.1-10.5-2010 (R2016))
HI Committee reviewed and edited document. Edits included numbering format, editing of definitions, and updating figures for better clarity.
Single copy price: $90.00
Obtain an electronic copy from: https://estore.pumps.org/Standards/Air-Operated/PumpsPDF.aspx
Order from: https://estore.pumps.org/Standards/Air-Operated/Pumps.aspx
Send comments (with optional copy to psa@ansi.org) to: asisto@pumps.org

LIA (ASC Z136) (Laser Institute of America)

12001 Research Parkway, Suite 210, Orlando, FL 32828 (407) 380-1553 www.laserinstitute.org

Revision

BSR Z136.1-202x, Standard for Safe Use of Lasers (revision of ANSI Z136.1-2014)
This standard provides recommendations for the safe use of lasers and laser systems that operate at wavelengths between 180 nm and 1 mm. This revision will be a new horizontal standard that supports ANSI Z136.2, Z136.3, Z136.5, Z136.6, Z136.7, Z136.8, Z136.9, and proposed Z136.10 standards, as well as the ANSI Z136.4
Single copy price: $30.00
Obtain an electronic copy from: https://www.lia.org/store/product/bsrz1361-202x-draft-2-public-review
Send comments (with optional copy to psa@ansi.org) to: Liliana Caldero, lcaldero@lia.org

NEMA (ASC C137) (National Electrical Manufacturers Association)

1300 N 17th Street, Suite 900, Rosslyn, VA 22209 (703) 841-3262 www.nema.org

Revision

BSR C137.4-202X, Standard for Digital Interface with Auxiliary Power for Devices (revision of ANSI C137.4-2019)
This standard specifies the requirements for a digital addressable lighting interface between a driver and a device, such as a sensor or communication device. It includes the auxiliary power, electro- mechanical interface, and communication protocol requirements. This standard builds on the interface specified in the IEC 62386 series of standards, by adding specific requirements to enable powering of a device and addressing data exchange.
Single copy price: $84.00
Obtain an electronic copy from: michael.erbesfeld@nema.org
Order from: Michael Erbesfeld; Michael.Erbesfeld@nema.org
Send comments (with optional copy to psa@ansi.org) to: Same

Comment Deadline: June 28, 2021

NISO (National Information Standards Organization)

3600 Clipper Mill Road, Suite 302, Baltimore, MD 21211 (301) 654-2512 www.niso.org

New Standard

BSR/NISO Z39.4-202x, Criteria for Indexes (new standard)
Specifications for the content, organization, and presentation of indexes used for the retrieval of print and electronic documents and books and parts of documents and books. Includes the principles of indexing, the indexing method used, the medium of the index, and the method of presentation for searching.
Single copy price: $45.00
Obtain an electronic copy from: http://www.niso.org/contact/
Order from: http://www.niso.org/contact/
Send comments (with optional copy to psa@ansi.org) to: nisohq@niso.org

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 (800) 542-5040 www.scte.org

Revision

BSR/SCTE 78-202x, Test Method for Transfer Impedance (revision of ANSI/SCTE 78-2017)
This procedure is for the measurement of transfer impedance of coaxial drop cables from 5 MHz to the maximum specified frequency using a terminated tri-axial test fixture.
Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com
Send comments (with optional copy to psa@ansi.org) to: admin@standards.scte.org

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 (919) 549-1479 https://ul.org/

Reaffirmation

BSR/UL 697-2012 (R202x), Standard for Safety for Toy Transformers (reaffirmation of ANSI/UL 697-2012 (R2016))
Reaffirmation of UL 697 which covers toy transformers designed to be used on nominal 120-V branch circuits.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (with optional copy to 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 (919) 316-5147 https://ul.org/

Reaffirmation

BSR/UL 2021-2021 (R202x), Standard for Safety for Professional Video and Audio Equipment (reaffirmation of ANSI/UL 2021-2021)
(1) Reaffirmation and continuance of the fourth edition of the Standard for Safety for Professional Video and Audio Equipment, UL 1419, 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 (with optional copy to 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: June 28, 2021

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 (919) 549-0973 https://ul.org/

Revision

BSR/UL 199-202X, Standard for Automatic Sprinklers for Fire-Protection Service (revision of ANSI/UL 199-2020)
UL is issuing a recirculation of the UL 199 proposal dated 2-5-21.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: July 13, 2021

ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 (212) 591-8489 www.asme.org

Revision

BSR/ASME PTC 19.5-202x, Flow Measurement (revision of ANSI/ASME PTC 19.5-2004 (R2013))
This Supplement describes the techniques and methods of flow measurements required or recommended by ASME PTCs. A variety of commonly used flow measurement devices are included to provide details for the different applications referenced by various PTCs. This is a supplementary document that does not supersede the mandatory requirements of any PTC, unless such an agreement has been expressed in writing prior to testing, or a PTC requires that specified sections or paragraphs within this Supplement be used.
Single copy price: Free
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (with optional copy to psa@ansi.org) to: Michelle Pagano, paganom@asme.org

Technical Reports Registered with ANSI

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject. Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to (psa@ansi.org).

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 (312) 587-4129 www.ada.org

New Technical Report

ADA Technical Report No. 1069, SCDI Standard Terms, Definitions and Acronyms (technical report)
This technical report is a reference document containing standardized terms, acronyms, and definitions for dental informatics.

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 (312) 587-4129 www.ada.org

New Technical Report

ADA Technical Report No. 143, Guidance for Cementation and Bonding of CAD/CAM Fabricated Restorations (technical report)
This technical report provides guidance for successful cementation and/or bonding of CAD/CAM fabricated restorations. Restorative materials covered in this report include composites and/or hybrid ceramics, metals, oxide ceramics (zirconia and alumina), and silica-based ceramics (glass-ceramics).

Technical Reports Registered with ANSI

ASC X9 (Accredited Standards Committee X9, Incorporated)

275 West Street, Suite 107, Annapolis, MD 21401 (410) 267-7707 www.x9.org

New Technical Report

TR 52-2021, Unsigned Items Including Remotely Created Checks (RCC) - Design and Usage Guide (technical report)
Remotely Created Checks (RCC) are widely used for legitimate preauthorized payments. Many of these transactions do not follow check standard and design principals and result in creating a lot of exception processing. A technical report would provide RCC originators a single document to assist them in creating RCC items that will flow through the check clearing systems without exceptions. A technical report should also improve the visibility of RCC items as being legitimate payment instruments.

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

700 K Street NW, Suite 600, Washington, DC 20001 (202) 737-8888 www.incits.org

Revised Technical Report

INCITS/ISO TS 19139-1:2019 [2021], Geographic information - XML schema implementation - Part 1: Encoding rules (revise technical report)
Defines XML-based encoding rules for conceptual schemas specifying types that describe geographic resources. The encoding rules support the UML profile as used in the UML models commonly used in the standards developed by ISO/TC 211. The encoding rules use XML schema for the output data structure schema.

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

700 K Street NW, Suite 600, Washington, DC 20001 (202) 737-8888 www.incits.org

Revised Technical Report

INCITS/ISO/IEC TR 29196:2018 [2021], Information technology - Guidance for biometric enrolment (revise technical report)
Consolidates information relating to successful, secure, and usable implementation of biometric enrollment processes, while indicating risk factors that organizations proposing to use biometric technologies should address during procurement, design, deployment, and operation. Much of the information is generic to many types of application, e.g., from national scale commercial and government applications, to closed systems for in-house operations, and to consumer applications. However, the intended application and its purpose often have influence on the necessary enrollment data quality and are intended to be taken into account when specifying an enrollment system and process.

Project Withdrawn

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

SDI (Steel Deck Institute)

1731 NW 6th Street, Suite D, Gainesville, FL 32609 (352) 378-0448 www.sdi.org

BSR/SDI-C-202x, Standard for Steel Deck (revision of ANSI/SDI-C-2017)
Inquiries may be directed to Thomas Sputo; tsputo50@gmail.com

SDI (Steel Deck Institute)

1731 NW 6th Street, Suite D, Gainesville, FL 32609 (352) 378-0448 www.sdi.org

BSR/SDI NC-202x, Standard for Non-Composite Steel Floor Deck (revision of ANSI/SDI NC-2017)
Inquiries may be directed to Thomas Sputo; tsputo50@gmail.com

Project Withdrawn

SDI (Steel Deck Institute)

1731 NW 6th Street, Suite D, Gainesville, FL 32609 (352) 378-0448 www.sdi.org

BSR/SDI RD-202x, Standard for Steel Roof Deck (revision of ANSI/SDI RD-2017)
Inquiries may be directed to Thomas Sputo; tsputo50@gmail.com

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.

AAFS (American Academy of Forensic Sciences)

410 North 21st Street, Colorado Springs, CO 80904 (719) 453-1036 www.aafs.org

New Standard

ANSI/ASB Std 130-2021, Standard for Training in Forensic DNA Amplification Methods for Subsequent Capillary Electrophoresis Sequencing (new standard) Final Action Date: 5/6/2021

New Standard

ANSI/ASB Std 134-2021, Standard for Analyzing Pathological Conditions and Anomalies in Forensic Anthropology (new standard) Final Action Date: 5/6/2021

AMCA (Air Movement and Control Association)

30 West University Drive, Arlington Heights, IL 60004-1893 (847) 704-6285 www.amca.org

Revision

ANSI/AMCA Standard 220-2021, Laboratory Methods of Testing Air Curtain Units for Aerodynamic Performance Rating (revision and redesignation of ANSI/AMCA 220-2005 (R2012)) Final Action Date: 5/4/2021

APA (APA - The Engineered Wood Association)

7011 South 19th Street, Tacoma, WA 98466 (253) 620-7467 www.apawood.org

Revision

ANSI/APA PRR 410-2021, Standard for Performance-Rated Engineered Wood Rim Boards (revision of ANSI/APA PRR 410-2016) Final Action Date: 5/5/2021

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

180 Technology Parkway, Peachtree Corners, GA 30092 (678) 539-1214 www.ashrae.org

Addenda

ANSI/ASHRAE Addendum 55a-2020, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2020) Final Action Date: 4/30/2021

Addenda

ANSI/ASHRAE Addendum 55b-2020, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2020) Final Action Date: 4/30/2021

Addenda

ANSI/ASHRAE Addendum 55c-2020, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2020) Final Action Date: 4/30/2021

Addenda

ANSI/ASHRAE Addendum 62.2b-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2019) Final Action Date: 4/30/2021

Addenda

ANSI/ASHRAE Addendum 62.2e-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2019) Final Action Date: 4/30/2021

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

180 Technology Parkway, Peachtree Corners, GA 30092 (678) 539-1214 www.ashrae.org

Addenda

ANSI/ASHRAE Addendum 62.2y-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2019) Final Action Date: 5/4/2021

Addenda

ANSI/ASHRAE Addendum b to Standard 30-2019, Method of Testing Liquid Chillers (addenda to ANSI/ASHRAE Standard 30-2019) Final Action Date: 4/30/2021

Addenda

ANSI/ASHRAE Addendum c to ANSI/ASHRAE Standard 188-2018, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2018) Final Action Date: 4/30/2021

Addenda

ANSI/ASHRAE/ICC/IES/USGBC Addendum c to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020) Final Action Date: 4/30/2021

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (610) 832-9744 www.astm.org

New Standard

ANSI/ASTM E3264-2021, Guide for Homogeneity of Samples and Reference Materials Used for Inter- and Intra-Laboratory Studies (new standard) Final Action Date: 4/27/2021

New Standard

ANSI/ASTM E3287-2021, Practice for Specimen Preparation of Fenestration Profiles Intended to Support Non-Combustible In-Fill Materials to Assess Surface Burning Characteristics (new standard) Final Action Date: 4/27/2021

New Standard

ANSI/ASTM F3506-2021, Specification for Polyethylene of Raised Temperature/Aluminum/Polyethylene of Raised Temperature (PERT/AL/PE-RT) Composite Pressure Pipe1 based on Inner Diameter (ID) for use in Air Conditioning and Refrigeration Line (new standard) Final Action Date: 4/27/2021

New Standard

ANSI/ASTM F3507-2021, Practice for Butt-Fusion Joining of Crosslinkable Polyethylene (CX-PE) Pipe and Tubing (new standard) Final Action Date: 4/27/2021

Reaffirmation

ANSI/ASTM D8073-2016 (R2021), Test Method for Determination of Water Separation Characteristics of Aviation Turbine Fuel by Small-Scale Water Separation Instrument (reaffirmation of ANSI/ASTM D8073 -2016) Final Action Date: 4/27/2021

Reaffirmation

ANSI/ASTM E2574/E2574M-2017 (R2021), Test Method for Fire Testing of School Bus Seat Assemblies (reaffirmation of ANSI/ASTM E2574/E2574M-2017) Final Action Date: 4/27/2021

Reaffirmation

ANSI/ASTM F913-2002 (R2021), Specification for Thermoplastic Elastomeric Seals (Gaskets) for Joining Plastic Pipe (reaffirmation of ANSI/ASTM F913-2017) Final Action Date: 5/1/2021

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (610) 832-9744 www.astm.org

Reaffirmation
ANSI/ASTM F1281-2017 (R2021), Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Pressure Pipe (reaffirmation of ANSI/ASTM F1281-2017) Final Action Date: 4/27/2021

Reaffirmation
ANSI/ASTM F2765-2014 (R2021), Specification for Total Lead Content in Synthetic Turf Fibers (reaffirmation of ANSI/ASTM F2765-2014) Final Action Date: 5/1/2021

Revision
ANSI/ASTM D1785-2021, Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120 (revision of ANSI/ASTM D1785-2017) Final Action Date: 5/1/2021

Revision
ANSI/ASTM D2466-2021, Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40 (revision of ANSI/ASTM D2466-2017a) Final Action Date: 4/27/2021

Revision
ANSI/ASTM D2609-2021, Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe (revision of ANSI/ASTM D2609-2017) Final Action Date: 4/27/2021

Revision
ANSI/ASTM D4171-2021, Specification for Fuel System Icing Inhibitors (revision of ANSI/ASTM D4171 -2016A) Final Action Date: 4/27/2021

Revision
ANSI/ASTM D7990-2021, Test Method for Using Reflectance Spectra to Produce an Index of Temperature Rise in Polymeric Siding (revision of ANSI/ASTM D7990-2015) Final Action Date: 4/27/2021

Revision
ANSI/ASTM E84-2021, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2020) Final Action Date: 5/1/2021

Revision
ANSI/ASTM E329-2021, Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection (revision of ANSI/ASTM E329-2020) Final Action Date: 5/1/2021

Revision
ANSI/ASTM E662-2021, Test Method for Specific Optical Density of Smoke Generated by Solid Materials (revision of ANSI/ASTM E662-2019) Final Action Date: 4/27/2021

Revision
ANSI/ASTM E3265-2021, Guide for Evaluating Water-Miscible Metalworking Fluid Foaming Tendency (revision of ANSI/ASTM E3265-2020) Final Action Date: 4/27/2021

Revision
ANSI/ASTM F437-2021, Specification for Threaded Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 (revision of ANSI/ASTM F437-2017) Final Action Date: 4/27/2021

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (610) 832-9744 www.astm.org

Revision
ANSI/ASTM F656-2021, Specification for Primers for Use in Solvent Cement Joints of Poly(Vinyl Chloride) (PVC) Plastic Pipe and Fittings (revision of ANSI/ASTM F656-2017) Final Action Date: 4/27/2021

Revision
ANSI/ASTM F2389-2021, Specification for Pressure-rated Polypropylene (PP) Piping Systems (revision of ANSI/ASTM F2389-2019) Final Action Date: 4/27/2021

Revision
ANSI/ASTM F2618-2021, Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Pipe and Fittings for Chemical Waste Drainage Systems (revision of ANSI/ASTM F2618-2019) Final Action Date: 4/27/2021

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 (305) 443-9353 310 www.aws.org

Revision
ANSI/AWS D8.1M-2021, Specification for Automotive Weld Quality Resistance Spot Welding of Steel (revision of ANSI/AWS D8.1M-2013) Final Action Date: 5/5/2021

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 (212) 244-1505 www.esta.org

Reaffirmation
ANSI E1.28-2011 (R2021), Guidance on planning followspot positions in places of public assembly (reaffirmation of ANSI E1.28-2011 (R2016)) Final Action Date: 5/5/2021

Reaffirmation
ANSI E1.57-2016 (R2021), Recommendations to prevent falls on or off movable parade floats, movable stages, and similar moving platforms (reaffirmation of ANSI E1.57-2016) Final Action Date: 5/5/2021

NEMA (ASC C78) (National Electrical Manufacturers Association)

1300 N 17th St, Rosslyn, VA 22209 (703) 841-3262 www.nema.org

Reaffirmation
ANSI C78.374-2015 (R2021), Electric Lamps: Light Emitting Diode Specification Sheet for General Illumination Applications (reaffirmation of ANSI C78.374-2015) Final Action Date: 5/6/2021

Reaffirmation
ANSI C78.376-2014 (R2021), Electric Lamps: Specifications for the Chromaticity of Fluorescent Lamps (reaffirmation of ANSI C78.376-2014) Final Action Date: 5/6/2021

NEMA (ASC C82) (National Electrical Manufacturers Association)

1300 N 17th St, Rosslyn, VA 22209 (703) 841-3262 www.nema.org

* ***New Standard***
ANSI C82.15-2021, LED Drivers Robustness (new standard) Final Action Date: 5/4/2021

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02269-9101 (617) 984-7248 www.nfpa.org

Revision

ANSI/NFPA 408-2022, Standard for Aircraft Hand Portable Fire Extinguishers (revision of ANSI/NFPA 408 -2017) Final Action Date: 5/4/2021

Revision

ANSI/NFPA 900-2022, Building Energy Code (revision of ANSI/NFPA 900-2019) Final Action Date: 5/4/2021

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 (734) 827-3817 www.nsf.org

Revision

ANSI/NSF 49-2021 (i165r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019) Final Action Date: 5/2/2021

Revision

ANSI/NSF 55-2021 (i55r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55 -2019) Final Action Date: 5/5/2021

Revision

ANSI/NSF 245-2021 (i19r7), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2019) Final Action Date: 5/2/2021

Revision

ANSI/NSF 455-4-2021 (i23r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020) Final Action Date: 4/28/2021

Revision

ANSI/NSF 455-4-2021 (i24r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020) Final Action Date: 5/3/2021

Revision

ANSI/NSF 455-4-2021 (i25r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020) Final Action Date: 5/4/2021

Revision

ANSI/NSF 455-4-2021 (i27r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020) Final Action Date: 5/5/2021

Revision

ANSI/NSF 455-4-2021 (i31r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020) Final Action Date: 4/29/2021

Revision

ANSI/NSF 455-4-2021 (i34r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020) Final Action Date: 4/30/2021

UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 (510) 319-4271 https://ul.org/

Revision
ANSI/UL 94-2021a, Standard for Safety for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2020) Final Action Date: 5/6/2021

Revision
ANSI/UL 224-2021, Standard for Extruded Insulating Tubing (revision of ANSI/UL 224-2010 (R2016)) Final Action Date: 5/5/2021

Revision
ANSI/UL 283-2021, Standard for Safety for Air Fresheners and Deodorizers (revision of ANSI/UL 283-2016) Final Action Date: 4/29/2021

Revision
ANSI/UL 486C-2021, Standard for Safety for Splicing Wire Connectors (revision of ANSI/UL 486C-2019) Final Action Date: 5/5/2021

Revision
ANSI/UL 486A-486B-2021, Standard for Safety for Wire Connectors (revision of ANSI/UL 486A-486B-2019) Final Action Date: 5/5/2021

Revision
ANSI/UL 583-2021, Standard for Safety for Electric-Battery-Powered Industrial Trucks (revision of ANSI/UL 583-2020) Final Action Date: 5/5/2021

Revision
ANSI/UL 2420-2021, Standard for Below-Ground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2420-2014 (R2016)) Final Action Date: 4/30/2021

Revision
ANSI/UL 2556-2021, Standard for Safety for Wire and Cable Test Methods (revision of ANSI/UL 2556-2015) Final Action Date: 4/30/2021

Revision
ANSI/UL 61058-1-2021, Standard for Switches for Appliances - Part 1: General Requirements (revision of ANSI/UL 61058-1-2017) Final Action Date: 5/3/2021

Revision
ANSI/UL 62841-2-2-2021, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-2: Particular Requirements for Hand-Held Screwdrivers and Impact Wrenches (revision of ANSI/UL 62841-2-2-2017) Final Action Date: 4/30/2021

Revision
ANSI/UL 62841-4-1-2021, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 4-1: Particular Requirements for Chain Saws (revision of ANSI/UL 62841-4-1-2020) Final Action Date: 5/5/2021

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 (703) 253-8284 www.aami.org
Amanda Benedict; abenedict@aami.org

BSR/AAMI ST15883-2-2013 (ISO 15883-2-2006 MOD)-2013 (R202x), Washer-Disinfectors, Part 2: Requirements and Tests for Washer-Disinfectors Employing Thermal Disinfection for Surgical Instruments, Anaesthetic Equipment, Bowls, Dishes, Receivers, Utensils, Glassware, etc. (reaffirm a national adoption ANSI/AAMI ST15883-2-2013 (ISO 15883-2-2006 MOD)-2013 (R2015))

AIAA (American Institute of Aeronautics and Astronautics)

12700 Sunrise Valley Drive, Suite 200, Reston, VA 20191-5807 (703) 264-7515 www.aiaa.org
Nick Tongson; NickT@aiaa.org

BSR/AIAA G-095B-202x, Guide to Safety of Hydrogen and Hydrogen Systems (revision of ANSI/AIAA G -095A-2017)

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 (212) 244-1505 www.esta.org
Richard Nix; standards@esta.org

BSR ES1.4-202x, Event Safety - Fire Safety Requirements (new standard)

The Event Safety Working Group is currently seeking new members in the Equipment Provider, Event Producer, Event Worker, Insurance Company, and Performing Artist interest categories.

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

700 K Street NW, Suite 600, Washington, DC 20001 (202) 737-8888 www.incits.org
Lynn Barra; comments@standards.incits.org

INCITS/ISO/IEC 19944-1:2020 [202x], Cloud computing and distributed platforms - Data flow, data categories and data use - Part 1: Fundamentals (identical national adoption of ISO/IEC 19944-1:2020)

INCITS/ISO/IEC 22123-1:2021 [202x], Information Technology - Cloud Computing - Part 1: Vocabulary (identical national adoption of ISO/IEC 22123-1:2021)

INCITS/ISO/IEC 23264-1:2021 [202x], Information Security - Redaction of Authentic Data - Part 1: General (identical national adoption of ISO/IEC 23264-1:2021)

INCITS/ISO/IEC 22624:2020 [202x], Information Technology - Cloud Computing - Taxonomy Based Data Handling for Cloud Services (identical national adoption of ISO/IEC 22624:2020)

NISO (National Information Standards Organization)

3600 Clipper Mill Road, Suite 302, Baltimore, MD 21211 (301) 654-2512 www.niso.org
Nettie Lagace; nlagace@niso.org

BSR/NISO Z39.4-202x, Criteria for Indexes (new standard)

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 (734) 827-3817 www.nsf.org
Allan Rose; arose@nsf.org

BSR/NSF 7-202x (i17r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2019)

PSAI (Portable Sanitation Association International)

2626 E. 82nd Street, Suite 175, Bloomington, MN 55425 (952) 854-8300
www.psai.org Karleen Kos; karleenk@psai.org

BSR/PSAI Z4.3-202x, Standard for Sanitation - Nonsewered Waste Disposal Systems at Places of Employment: Minimum Requirements (revision of ANSI/PSAI Z4.3-2016)

BSR/PSAI Z4.4-202x, Standard for Sanitation - Nonsewered Waste Disposal Systems: All Non-Work Sites: Minimum Requirements (revision of ANSI/PSAI Z4.4-2016)

VITA (VMEbus International Trade Association (VITA))

929 W. Portobello Avenue, Mesa, AZ 85210 (602) 281-4497 www.vita.com
Jing Kwok; jing.kwok@vita.com

BSR/VITA 74.1-202x, Naming Conventions and Slot Profiles for VNX Systems (new standard)

BSR/VITA 74.5-202x, Optical and Coaxial Interconnects for VNX Systems (new standard)

BSR/VITA 74.7-202x, Alternate Retention and Cooling Mechanisms for VNX Systems (new standard)

BSR/VITA 74.8-202x, Power Supply Modules for VNX Systems (new standard)

Call for Members (ANS Consensus Bodies)

ANSI Accredited Standards Developer

AGSC - Auto Glass Safety Council

Creation of a committee to develop the Repair of Laminated Automotive Glass Standard 2 (ROLAGS 2)

The Auto Glass Safety Council announces the creation of a committee to develop the Repair of Laminated Automotive Glass Standard 2 (ROLAGS 2). Directly and materially affected parties who are interested in participating as a member of the ANS consensus body for this standard may contact the:
Auto Glass Safety Council
Office: 20 PGA Drive, Suite 201
Stafford, VA 22554
Contact: Kathy Bimber
Phone: (540) 720-7484
Email: kbimber@agsc.org

Solicitation for Committee Members
The Auto Glass Safety Council announces the Repair of Laminated Automotive Glass Standard 2 (ROLAGS 2) Standards Committee meeting. This meeting will be held on Thursday, June 10 8:00 – 10:00 a.m. at the Rosen Plaza Hotel in Orlando, FL. Directly and materially affected parties who are interested in participating as a member of this committee are invited to attend.

For inquiries please contact: Kathy Bimber, kbimber@agsc.org

ANSI Accredited Standards Developer

Compressed Gas Association (CGA)

CGA G-13 Interest categories sought

The **Compressed Gas Association, Inc. (CGA)** is working to complete the formation of the consensus body for the proposed American National Standard (ANS)

CGA G-13, *Storage and Handling of Silane and Silane Mixtures*

The purpose of this standard is to prescribe the controls for the installation of silane systems and the recommended methods for storage or transfer of silane or its mixtures from a source of supply to a point of use to provide protection against injury, loss of life, and property damage. This standard governs the installation of systems and sources that are used to store, transfer, or contain silane or silane mixtures. This standard includes guidance for siting, design of equipment, piping and controls, and the fabrication and installation of silane gas storage and closed-use systems. Additional guidance on operational steps associated with the use of silane and silane mixtures as well as fire protection, gas monitoring, ventilation, and related safeguards are provided.

This consensus body is currently seeking voting members in the following categories:
· Producers; and
· distributors/retailers.

Call for Members (ANS Consensus Bodies)

ANSI Accredited Standards Developer

DirectTrust - DirectTrust.org, Inc

DS2019 - Direct Standard

DirectTrust is seeking members to complete the DS2019 - Direct Standard™ consensus body for proposed American National Standards (ANSs).

The Direct Standard was created to specify a simple, secure, scalable, and standards-based mechanism for participants to send authenticated, encrypted health information to known trusted recipients over the Internet. It builds upon existing standards and deployed internet scale infrastructure such as RFC5322 for message structure, RFC5751 for message security, and RFC5280 for public key infrastructure (PKI). The Direct Standard specifies not only a profiled use of these technologies but adds requirements and specifications for quality of service notifications, public key discovery, and building scalable trust relationships among message exchange partners.

This consensus body is currently seeking voting members in the following categories:
· Providers of Direct exchange services;
· Users of Direct exchange services;
· Healthcare providers or provider organizations;
· Governmental agencies;
· Non-profit organizations;
· Patient or consumer advocates;
· General interest

If you are interested in joining the DS2019 Consensus Body, contact: Standards@DirectTrust.org.

ANSI Accredited Standards Developer

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

The InterNational Committee for Information Technology Standards (INCITS), an ANSI accredited SDO, is the forum of choice for information technology developers, producers and users for the creation and maintenance of formal de jure IT standards. INCITS' mission is to promote the effective use of Information and Communication Technology through standardization in a way that balances the interests of all stakeholders and increases the global competitiveness of the member organizations.
The INCITS Executive Board serves as the consensus body with oversight of its 40+ Technical Committees. Additionally, the INCITS Executive Board has the international leadership role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

Membership in the INCITS Executive Board is open to all directly and materially affected parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, contact Jennifer Garner at jgarner@itic.org or visit http://www.incits.org/participation/membership-info for more information.

Membership in all interest categories is always welcome; however, the INCITS Executive Board seeks to broaden its membership base in the following categories:
• Service Providers
• Users
• Standards Development Organizations and Consortia
• Academic Institutions

Call for Members (ANS Consensus Bodies)

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.

ANSI Accredited Standards Developers

TCATA - Textile Care Allied Trades Association

BSR Z8.1-202x

Call for Interest Categories are sought:
If you are interested in contributing to the development and maintenance of valuable industry safety standards, TCATA (Textile Care & Allied Trades Association) is currently looking for members in the following categories:

- General Interest
- Suppliers
- Users

If you are interested in participating in the revision of ANSI Z8.1, please contact Chris Felinski at (cfelinski@b11standards.org)

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

RVIA - Recreational Vehicle Industry Association

Effective May 12, 2021

The reaccreditation of **RVIA - Recreational Vehicle Industry Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on RVIA-sponsored American National Standards, effective **May 12, 2021**. For additional information, please contact: Kent Perkins, Senior Director, Standards, Recreational Vehicle Industry Association (RVIA) - 1899 Preston White Drive, Reston, VA 20191-4326 (703) 620-6003 kperkins@rvia.org

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

AGSC - Auto Glass Safety Council

June 2021 Meetings

Committee Meeting:
ANSI AGSC AGRSS (Auto Glass Replacement Safety Standard) Standards Committee
Thursday, June 10, 2021 10:00 a.m. – 12:30 p.m.
Rosen Plaza Hotel, Orlando, FL

Initial Meeting:
AGSC ROLAGS 2 (Repair of Laminated Automotive Glass Standard 2) Standards Committee
Thursday, June 10, 2021 8:00 a.m. – 10:00 a.m.
Rosen Plaza Hotel, Orlando, FL

For inquiries please contact: Kathy Bimber, Director of Operations, (kbimber@agsc.org)

ANSI Accredited Standards Developer

LIA (ASC Z136) - Laser Institute of America - Safe Use of Lasers

Annual Meeting via Zoom: May 25, 2021 | 10am - 4pm EDT

The **LIA (ASC Z136) - Laser Institute of America - Safe Use of Lasers** announces the 2021 Standards Committee Annual Meeting. The Z136 Standards Committee for Safe Use of Lasers is holding its annual meeting via Zoom webconference to discuss progress on Z136 standards development activities and review membership. This meeting is for members of the Z136 Standards Committee and is also open to observers (non-members). Individuals and organizations having an interest in the Committee's work may attend meetings as observers. Observers may submit comments for consideration, but shall have no vote.

When: **May 25, 2021 | 10am - 4pm EDT**
Where: **Zoom.us**
Cost to Attend: Free
Contact Liliana Caldero (lcaldero@lia.org) to request the Zoom registration link or to ask questions about the meeting. Online registration is required in order to receive the Zoom event URL. A computer capable of running Zoom and a stable internet connection will be necessary for participation - a video camera is not required. Computer audio (microphone) will be used for live questions, and the 'raise hands' feature will be used to ask for the floor. The Zoom chat feature will be enabled for participants.

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

TCATA - Textile Care Allied Trades Association

WebMeeting Time: 15 June 2021, via ZOOM

TCATA ANSI Z8.1 Committee
The ANSI Z8.1 standard (Safety Requirements for Commercial Laundry Equipment and Operations) is sponsored by the Secretariat (TCATA), will hold its first meeting to begin the revision of Z8.1-2016 on **15 June 2021**, via ZOOM Webmeeting.

This meeting is open to anyone with an interest in the safe use of this equipment and maybe impacted by this standard.

If you have an interest in participating in this meeting or would like more information, please contact Chris Felinski at (cfelinski@b11standards.org).

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

If you have a question about the ANS process and cannot find the answer, please email us at: psa@ansi.org . Please also visit Standards Boost Business at www.standardsboostbusiness.org for resources about why standards matter, testimonials, case studies, FAQs and more.

If you are interested in purchasing an American National Standard, please visit https://webstore.ansi.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)
- IES (Illuminating Engineering Society)
- ITI (InterNational Committee for Information Technology Standards)
- MHI (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- 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 Contacts

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment 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 Standards Action Editor at standact@ansi.org.

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ISO & IEC Draft International Standards

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

COMMENTS

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

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

ORDERING INSTRUCTIONS

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

ISO Standards

ACOUSTICS (TC 43)

ISO/DIS 362-1, Acoustics - Measurement of noise emitted by accelerating road vehicles - Engineering method - Part 1: M and N categories - 7/22/2021, $146.00

AIR QUALITY (TC 146)

ISO/FDIS 16000-6, Indoor air - Part 6: Determination of organic compounds (VVOC, VOC, SVOC) in indoor and test chamber air by active sampling on sorbent tubes, thermal desorption and gas chromatography using MS or MS FID - 11/8/2026, $107.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 21442, Space systems - General requirements for control engineering - 7/29/2021, $102.00

ISO/DIS 23312, Space systems - Detailed space debris mitigation requirements for spacecraft - 7/23/2021, $77.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 81060-3.2, Non-invasive sphygmomanometers - Part 3: Clinical investigation of continuous automated measurement type - 11/6/2002, $112.00

BUILDING ENVIRONMENT DESIGN (TC 205)

ISO/FDIS 11855-1, Building environment design - Embedded radiant heating and cooling systems - Part 1: Definitions, symbols, and comfort criteria - 11/5/2015, $93.00

ISO/FDIS 11855-3, Building environment design - Embedded radiant heating and cooling systems - Part 3: Design and dimensioning - 11/5/2015, $77.00

ISO/FDIS 11855-4, Building environment design - Embedded radiant heating and cooling systems - Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity of Thermo Active Building Systems (TABS) - 11/5/2015, $125.00

ISO/FDIS 11855-5, Building environment design - Embedded radiant heating and cooling systems - Part 5: Installation - 11/7/2008, $58.00

CLEANING EQUIPMENT FOR AIR AND OTHER GASES (TC 142)

ISO/DIS 10121-3, Test methods for assessing the performance of gas-phase air cleaning media and devices for general ventilation - Part 3: Classification system for GPACDs applied to treatment of outdoor air - 11/6/2004, $82.00

CORROSION OF METALS AND ALLOYS (TC 156)

ISO/DIS 24020, Corrosion of metals and alloys - Standard test method for particle-free erosion corrosion of metallic materials by jet-in-slit - 11/6/2002, $53.00

COSMETICS (TC 217)

ISO 16128-2/DAmd1, Cosmetics - Guidelines on technical definitions and criteria for natural and organic cosmetic ingredients - Part 2: Criteria for ingredients and products - Amendment 1: Subclause 4 Approach to determine natural, natural origin, organic and organic origin indexes for cosmetic ingredients, and Annex B - 7/25/2021, $33.00

ISO/FDIS 21392, Cosmetics - Analytical methods - Measurement of traces of heavy metals in cosmetic finished products using ICP/MS technique - 11/5/2028, $98.00

CRANES (TC 96)

ISO/DIS 12210, Cranes - Anchoring devices for in-service and out-of-service conditions - 11/6/2002, $33.00

CYCLES (TC 149)

ISO/DIS 8562, Cycles - Stem wedge angle - 7/23/2021, $33.00

DENTISTRY (TC 106)

ISO/DIS 22683, Dentistry - Adaptability test between implant body and implant abutment in dental implant systems - 7/24/2021, $33.00

ERGONOMICS (TC 159)

ISO/DIS 15537, Principles for selecting and using test persons for testing anthropometric aspects of industrial products and designs - 11/6/2005, $53.00

FERTILIZERS AND SOIL CONDITIONERS (TC 134)

ISO/DIS 7851, Fertilizers, soil conditioners and beneficial substances - Classification - 11/6/2004, $53.00

FINE CERAMICS (TC 206)

ISO/DIS 20507, Fine ceramics (advanced ceramics, advanced technical ceramics) - Vocabulary - 11/6/2006, $112.00

FIRE SAFETY (TC 92)

ISO 834-1/DAmd2, Fire-resistance tests - Elements of building construction - Part 1: General requirements - Amendment 2 - 7/22/2021, $33.00

FLOOR COVERINGS (TC 219)

ISO/DIS 4760, Laminate Flooring - Topical Moisture Resistance - Assembled Joint - 11/6/2006, $82.00

ISO/DIS 24338, Laminate floor coverings - Determination of abrasion resistance - 11/6/2002, $77.00

FOOTWEAR (TC 216)

ISO/DIS 20537, Footwear - Vocabulary for identification of defects during visual inspection - 7/22/2021, $62.00

GAS CYLINDERS (TC 58)

ISO/DIS 11515.2, Gas cylinders - Refillable composite reinforced tubes of water capacity between 450 L and 3000 L - Design, construction and testing - 6/26/2021, $112.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 8000-1, Data quality - Part 1: Overview - 11/6/2006, $82.00

INDUSTRIAL FURNACES AND ASSOCIATED PROCESSING EQUIPMENT (TC 244)

ISO/DIS 13577-2, Industrial furnaces and associated processing equipment - Safety - Part 2: Combustion and fuel handling systems - 7/30/2021, $165.00

ISO/DIS 13577-4, Industrial furnaces and associated processing equipment - Safety - Part 4: Protective systems - 7/30/2021, $155.00

MACHINE TOOLS (TC 39)

ISO/DIS 19085-5, Woodworking machines - Safety - Part 5: Dimension saws - 7/23/2021, $125.00

ISO/DIS 19085-6, Woodworking machines - Safety - Part 6: Single spindle vertical moulding machines (toupies) - 7/23/2021, $134.00

MATERIALS, EQUIPMENT AND OFFSHORE STRUCTURES FOR PETROLEUM AND NATURAL GAS INDUSTRIES (TC 67)

ISO/DIS 6368, Petroleum, petrochemical and natural gas industries - Dry gas sealing systems for axial, centrifugal, and rotary screw compressors and expanders - 11/6/2002, $40.00

MECHANICAL TESTING OF METALS (TC 164)

ISO/FDIS 1143, Metallic materials - Rotating bar bending fatigue testing - 11/5/2029, $88.00

PLASTICS (TC 61)

ISO/FDIS 23517, Plastics - Soil biodegradable materials for mulch films for use in agriculture and horticulture - Requirements and test methods regarding biodegradation, ecotoxicity and control of constituents - 11/10/2009, $88.00

ISO/DIS 11359-2, Plastics - Thermomechanical analysis (TMA) - Part 2: Determination of coefficient of linear thermal expansion and glass transition temperature - 11/6/2004, $46.00

QUALITY MANAGEMENT AND CORRESPONDING GENERAL ASPECTS FOR MEDICAL DEVICES (TC 210)

ISO/DIS 80369-2, Small bore connectors for liquids and gases in healthcare applications - Part 2: Connectors for breathing systems and driving gases applications - 11/8/2029, $119.00

REFRIGERATION (TC 86)

ISO/DIS 16494, Heat recovery ventilators and energy recovery ventilators - Method of test for performance - 11/7/2003, $107.00

ROAD VEHICLES (TC 22)

ISO/DIS 7876-5, Fuel injection equipment - Vocabulary - Part 5: Common rail fuel injection system - 11/6/2002, $40.00

ISO/DIS 14229-3, Road vehicles - Unified diagnostic services (UDS) - Part 3: Unified diagnostic services on CAN implementation (UDSonCAN) - 11/6/2005, $82.00

ROBOTS AND ROBOTIC DEVICES (TC 299)

ISO/FDIS 18646-4, Robotics - Performance criteria and related test methods for service robots - Part 4: Lower-back support robots - 11/2/2030, $93.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/FDIS 4647, Rubber, vulcanized - Determination of static adhesion to textile cord - H-pull test -, $62.00

ISO/DIS 10282, Single-use sterile rubber surgical gloves - Specification - 7/29/2021, $46.00

ISO/DIS 23711, Elastomeric seals - Requirements for materials for pipe joint seals used in water and drainage applications - Thermoplastic elastomers - 7/25/2021, $58.00

ISO/DIS 4664-1, Rubber, vulcanized or thermoplastic - Determination of dynamic properties - Part 1: General guidance - 11/7/2003, $102.00

SAFETY OF AMUSEMENT RIDES AND AMUSEMENT DEVICES (TC 254)

ISO/DIS 17842-2, Safety of amusement rides and amusement devices - Part 2: Operation and use - 11/6/2004, $93.00

ISO/DIS 17842-3, Safety of amusement rides and amusement devices - Part 3: Requirements for inspection during design, manufacture, operation and use - 11/6/2006, $40.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 23765, Ships and marine technology - Marine environment protection - Guidelines for a method of collecting ships fuel oil consumption data - 11/6/2006, $67.00

SMALL CRAFT (TC 188)

ISO/DIS 21487.2, Small craft - Permanently installed petrol and diesel fuel tanks - 5/22/2021, $71.00

SPORTS AND RECREATIONAL EQUIPMENT (TC 83)

ISO/DIS 23537-1, Requirements for sleeping bags - Part 1: Thermal, mass and dimensional requirements for sleeping bags designed for limit temperatures of -20°C and higher - 7/29/2021, $98.00

SUSTAINABLE DEVELOPMENT IN COMMUNITIES (TC 268)

ISO/DIS 37182, Smart community infrastructures - Smart transportation for energy saving in bus transportation services - 11/6/2005, $53.00

TECHNICAL SYSTEMS AND AIDS FOR DISABLED OR HANDICAPPED PERSONS (TC 173)

ISO/FDIS 21856, Assistive products - General requirements and test methods - 11/4/2025, $125.00

TEXTILES (TC 38)

ISO/FDIS 30023, Textiles - Qualification symbols for labelling workwear to be industrially laundered - 7/25/2021, $53.00

TIMBER STRUCTURES (TC 165)

ISO/DIS 23478, Bamboo structures - Engineered bamboo products - Test methods for determination of physical and mechanical properties - 7/25/2021, $93.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO/DIS 24199, Vapour products - Determination of nicotine in vapour product emissions - Gas chromatographic method - 7/29/2021, $53.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 14982-1, Agricultural and forestry machinery - Electromagnetic compatibility - Part 1: General EMC requirements - 11/6/2006, $98.00

ISO/DIS 14982-2, Agricultural and forestry machinery - Electromagnetic compatibility - Part 2: Additional EMC requirements for functional safety - 11/6/2006, $58.00

ISO/DIS 24120-1, Irrigation and drainage equipment and systems - Guideline on the implementation of pressurized irrigation systems - Part 1: General principles of irrigation - 7/23/2021, $98.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO/FDIS 23723, Traditional Chinese Medicine - General requirements for herbal raw material and materia medica - 11/9/2012, $155.00

ISO/DIS 23965, Traditional Chinese Medicine - Bupleurum chinense, Bupleurum scorzonerifolium and Bupleurum falcatum root - 7/24/2021, $82.00

ISO/DIS 23958-2, Traditional Chinese Medicine - Dermal needle for single use - Part 2: Roller Type - 11/6/2006, $53.00

TRANSFUSION, INFUSION AND INJECTION EQUIPMENT FOR MEDICAL USE (TC 76)

ISO/DIS 3749, Glass syringes - Determination of extractable Tungsten - 11/6/2005, $46.00

ISO/FDIS 6717, In vitro diagnostic medical devices - Single-use containers for the collection of specimens from humans other than blood - 11/10/2000, $62.00

ISO/DIS 24166-1, Snap-on bottles for metering pumps - Part 1: Tubular glass - 7/29/2021, $71.00

ISO/DIS 24166-2, Snap-on bottles for metering pumps - Part 2: Moulded glass - 7/29/2021, $67.00

ISO/DIS 24166-3, Snap-on bottles for metering pumps - Part 3: Plastic - 7/29/2021, $67.00

WATER RE-USE (TC 282)

ISO/DIS 24416, Water reuse in urban areas - Guidelines for water reuse safety evaluation: Stability evaluation of reclaimed water - 11/6/2004, $107.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 17636-2, Non-destructive testing of welds - Radiographic testing - Part 2: X- and gamma-ray techniques with digital detectors - 11/6/2004, $134.00

ISO/DIS 18278-1, Resistance welding - Weldability - Part 1: General requirements for the evaluation of weldability for resistance spot, seam and projection welding of metallic materials - 11/6/2002, $67.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 18033-7, Information technology - Security techniques - Encryption algorithms - Part 7: Tweakable block ciphers - 7/25/2021, $67.00

IEC Standards

SMB/7318/QP, Decimal separator, 06/04/2021

3/1490(F)/FDIS, IEC 60152 ED2: Designation of phase differences by hour numbers in three-phase AC systems, 05/28/2021

8/1588/DTS, IEC TS 63222-1 ED1: Power quality management - Part 1: General guidelines, 07/30/2021

10/1132/CDV, IEC 60475 ED3: Method of sampling insulating liquids, 07/30/2021

10/1133/CDV, IEC 60599 ED4: Mineral oil-filled electrical equipment in service - Guidance on the interpretation of dissolved and free gases analysis, 07/30/2021

11/276(F)/FDIS, IEC 60652 ED3: Overhead line structures - Loading tests, 06/04/2021

17A/1307/CD, IEC TS 62271-313 ED1: High-voltage switchgear and controlgear - Part 313: Direct current circuit-breakers, 07/30/2021

17A/1308/CD, IEC TS 62271-315 ED1: High-voltage switchgear and controlgear - Part 315: Direct current (DC) transfer switches, 07/02/2021

17A/1309/CD, IEC TS 62271-314 ED1: High-voltage switchgear and controlgear - Part 314: Direct current disconnectors and earthing switches, 07/02/2021

17A/1310/CD, IEC TS 62271-319 ED1: Alternating current circuit-breakers intended for controlled switching, 07/02/2021

18/1720/DC, Insulation tests & insulation resistance threshold, 06/18/2021

21/1086/FDIS, IEC 60095-2 ED5: Lead-acid starter batteries - Part 2: Dimensions of batteries and dimensions and marking of terminals, 06/18/2021

21/1087/FDIS, IEC 60095-4 ED3: Lead-acid starter batteries - Part 4: Dimensions of batteries for heavy vehicles, 06/18/2021

21A/760/FDIS, IEC 62133-2/AMD1 ED1: Amendment 1 - Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary lithium cells, and for batteries made from them, for use in portable applications - Part 2: Lithium systems, 06/18/2021

23G/464/FDIS, IEC 60320-1 ED4: Appliance couplers for household and similar general purposes - Part 1: General requirements, 06/18/2021

29/1077/CDV, IEC 60118-16 ED1: Electroacoustics - Hearing aids - Part 16: Definition and verification of hearing aid features, 07/30/2021

29/1086/CD, IEC 63143 ED1: Electroacoustics - Modular instrumentation for acoustic measurement, 07/30/2021

34D/1612/CDV, IEC 60598-2-11/AMD1 ED2: Amendment 1 - Luminaires - Part 2-11: Particular requirements - Aquarium luminaires, 07/30/2021

38/652/CD, IEC 61869-1 ED2: Instrument transformers - Part 1: General requirements, 07/02/2021

40/2846/FDIS, IEC 60938-2 ED3: Fixed inductors for electromagnetic interference suppression - Part 2: Sectional specification on power line chokes, 06/18/2021

40/2848/FDIS, IEC 60384-1 ED6: Fixed capacitors for use in electronic equipment - Part 1: Generic specification, 06/18/2021

40/2849/FDIS, IEC 60384-24 ED3: Fixed capacitors for use in electronic equipment - Part 24: Sectional specification - Fixed tantalum electrolytic surface mount capacitors with conductive polymer solid electrolyte, 06/18/2021

40/2850/FDIS, IEC 60384-25 ED3: Fixed capacitors for use in electronic equipment - Part 25: Sectional specification - Fixed aluminium electrolytic surface mount capacitors with conductive polymer solid electrolyte, 06/18/2021

44/896/CDV, IEC 60204-32 ED3: Safety of machinery - Electrical equipment of machines - Part 32: Requirements for hoisting machines, 07/30/2021

46/803/CDV, IEC 60966-4-2 ED1: Radio frequency and coaxial cable assemblies - Part 4-2: Detail specification for semi rigid cable assemblies (jumper), Frequency range up to 6000MHz, Type 50-9 semi-rigid coaxial cable, applicable to ISO/IEC 11801-1, 07/30/2021

46/804/CDV, IEC 60966-4-3 ED1: Radio frequency and coaxial cable assemblies - Part 4-3: Detail specification for semi-rigid cable assemblies, Frequency range up to 6000MHz, Type 50-12 low loss semi-rigid coaxial cable, applicable to ISO/IEC 11801-1, 07/30/2021

46A/1489/CD, IEC 61196-1-126 ED1: Coaxial communication cables
 Part 1-126: Electrical test methods - Corona extinction voltage, 07/30/2021

46C/1190/CD, IEC 61156-13: Multicore and symmetrical pair/quad cables for digital communications - Part 13: Symmetrical single pair cables with transmission characteristics up to 20 MHz - Horizontal floor wiring - Sectional specification, 07/30/2021

46F/558/CDV, IEC 61169-67 ED1: Radio frequency connectors - Part 67: Sectional specification for series TRL threaded triaxial connectors, 07/30/2021

46F/559/CDV, IEC 61169-68 ED1: Radio-frequency connectors - Part 68: Sectional specification for series TRK bayonet coupling triaxial connectors, 07/30/2021

46F/560/CDV, IEC 63295 ED1: Specification for WB series glass beads with 50Ω impedance for RF connectors, 07/30/2021

46F/561/CDV, IEC 61169-21 ED1: Radio-frequency connectors - Part 21: Sectional specification for RF connectors with inner diameter of outer conductor 9,5 mm (0,374 in) with screw coupling - Characteristic impedance 50 ohms (Type SC), 07/30/2021

46F/562/CDV, IEC 61169-1-5 ED1: Radio frequency connectors - Part 1-5: Electrical test methods - Rise time degradation, 07/30/2021

46F/563/CDV, IEC 61169-1-6 ED1: Radio-frequency connectors - Part 1-6: Electrical test methods- RF power, 07/30/2021

46F/570/NP, PNW 46F-570 ED1: Radio-frequency connectors - Part 72: Sectional specification for Precision SMP3 series coaxial connectors as test connector., 07/30/2021

47E/749/CD, IEC 60747-18-4 ED1: Semiconductor devices - Part 18 -4: Semiconductor bio sensors - Evaluation method of noise characteristics of lens-free CMOS photonic array sensors, 07/30/2021

47E/750/CD, IEC 60747-18-5 ED1: Semiconductor devices - Part 18 -5: Semiconductor bio sensors - Evaluation method for light responsivity characteristics of lens-free CMOS photonic array sensor package modules by incident angle of light, 07/30/2021

48B/2883(F)/FDIS, Connectors for electrical and electronic equipment - Product requirements - Part 2-011: Circular connectors - Detail specification for B12 bayonet coupling connectors based on mating interfaces according to IEC 61076-2 -101 and IEC 61076-2-109, 06/04/2021

51/1376/CD, IEC 63299 ED1: Classification of magnetic powder cores, 07/30/2021

62D/1851/CDV, ISO 80369-2 ED1: Small-bore connectors for liquids and gases in healthcare applications - Part 2: Connectors for breathing systems and driving gases, 07/30/2021

65/863/DTR, IEC TR 63283-1 ED1: Industrial-process measurement, control and automation - Smart Manufacturing - Part 1: Terms and definitions, 07/02/2021

65/864/DTR, IEC TR 63283-2 ED1: Industrial-process measurement, control and automation - Smart Manufacturing - Part 2: Use cases, 07/02/2021

65/865/DTR, IEC TR 63283-3 ED1: Industrial-process measurement, control and automation - Smart Manufacturing - Part 3: Challenges for cybersecurity, 07/02/2021

65B/1199/CDV, IEC 61131-9 ED2: Programmable controllers - Part 9: Single-drop digital communication interface for small sensors and actuators (SDCI), 07/30/2021

68/687/CD, IEC 60404-3 ED3: Magnetic materials - Part 3: Methods of measurement of the magnetic properties of electrical steel strip and sheet by means of a single sheet tester, 07/30/2021

77B/841/CD, IEC 61000-4-2 ED3: Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test, 07/30/2021

78/1339(F)/FDIS, IEC 61318 ED4: Live working - Methods for assessment of defects and verification of performance applicable to tools, devices and equipment, 05/28/2021

85/783/CD, IEC 61557-9 ED4: Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 9: Equipment for insulation fault location in IT systems, 07/30/2021

86A/2110/CD, IEC 60793-1-44 ED3: Optical fibres - Part 1-44: Measurement methods and test procedures - Cut-off wavelength, 07/30/2021

86A/2111/CD, IEC 60794-1-307 ED1: Optical fibre cables - Part 1-23: Generic specification - Basic optical cable test procedures - Cable element test methods - Tube kinking, method G7, 07/30/2021

86A/2113/CD, IEC 60794-1-1 ED5: Optical fibre cables - Part 1-1: Generic specification - General, 07/30/2021

86A/2114/DTR, IEC TR 62000 ED3: Guidelines for combining different single-mode fibre sub-categories, 07/02/2021

87/770/CD, IEC 63305 ED1: Underwater Acoustics - Calibration of acoustic wave vector receivers in the frequency range 5 Hz to 10 kHz, 07/30/2021

110/1308/CDV, IEC 62906-5-5 ED1: Laser displays - Part 5-5: Optical measuring methods of raster-scanning retina direct projection laser displays, 07/30/2021

116/509/NP, PNW 116-509 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-7: Particular requirements for pedestrian controlled walk-behind lawn scarifiers and aerators, 07/30/2021

119/355/CD, IEC 62899-202 ED2: Printed electronics - Part 202: Materials - Conductive ink, 07/30/2021

124/144(F)/FDIS, IEC 63203-101-1 ED1: Wearable electronic devices and technologies - Part 101-1: Terminology, 05/28/2021

CIS/B/763/CDV, CISPR 11/FRAG1 ED7: Fragment 1: Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement - Requirements for air-gap wireless power transfer (WPT), 07/30/2021

CIS/D/473/CD, CISPR 36/AMD1 ED1: Amendment 1 - Electric and hybrid electric road vehicles - Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers below 30 MHz, 07/30/2021

JTC1-SC41/226/CD, ISO/IEC 30175 ED1: Internet of Things (IoT) - Underwater Acoustic Sensor Network (UWASN) - Underwater Management Information Base (u-MIB), 07/02/2021

JTC1-SC41/227/DTR, ISO/IEC TR 30174 ED1: Internet of Things (IoT) - Socialized IoT system resembling human social interaction dynamics, 07/02/2021

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

ACOUSTICS (TC 43)

ISO 22955:2021, Acoustics - Acoustic quality of open office spaces, $200.00

ISO 10140-1:2021, Acoustics - Laboratory measurement of sound insulation of building elements - Part 1: Application rules for specific products, $225.00

BUILDING CONSTRUCTION (TC 59)

ISO 24068-1:2021, Building and civil engineering sealants - Determination of the degree of cure - Part 1: Build-up of tensile properties in dumbbell-shaped specimens, $48.00

ISO 24068-2:2021, Building and civil engineering sealants - Determination of the degree of cure - Part 2: Build-up of tensile and adhesion properties in test joint specimens, $73.00

CLINICAL LABORATORY TESTING AND IN VITRO DIAGNOSTIC TEST SYSTEMS (TC 212)

ISO 20184-3:2021, Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for frozen tissue - Part 3: Isolated DNA, $111.00

ENERGY MANAGEMENT AND ENERGY SAVINGS (TC 301)

ISO 50003:2021, Energy management systems - Requirements for bodies providing audit and certification of energy management systems, $175.00

ENVIRONMENTAL MANAGEMENT (TC 207)

ISO 14097:2021, Greenhouse gas management and related activities - Framework including principles and requirements for assessing and reporting investments and financing activities related to climate change, $200.00

HUMAN RESOURCE MANAGEMENT (TC 260)

ISO 30415:2021, Human resource management - Diversity and inclusion, $200.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO 24083:2021, Information and documentation - International archives statistics, $200.00

LEATHER (TC 120)

ISO 14930/Amd1:2021, Leather - Leather for dress gloves - Specification - Amendment 1: Colour fastness to to-and-fro rubbing, tear load and colour fastness to light, $20.00

METALLIC AND OTHER INORGANIC COATINGS (TC 107)

ISO 23216:2021, Carbon based films - Determination of optical properties of amorphous carbon films by spectroscopic ellipsometry, $73.00

PAPER, BOARD AND PULPS (TC 6)

ISO 638-1:2021, Paper, board, pulps and cellulosic nanomaterials - Determination of dry matter content by oven-drying method - Part 1: Materials in solid form, $73.00

ISO 638-2:2021, Paper, board, pulps and cellulosic nanomaterials - Determination of dry matter content by oven-drying method - Part 2: Suspensions of cellulosic nanomaterials, $73.00

ISO 8791-4:2021, Paper and board - Determination of roughness/smoothness (air leak methods) - Part 4: Print-surf method, $111.00

QUALITY MANAGEMENT AND CORRESPONDING GENERAL ASPECTS FOR MEDICAL DEVICES (TC 210)

ISO 80369-7:2021, Small-bore connectors for liquids and gases in healthcare applications - Part 7: Connectors for intravascular or hypodermic applications, $200.00

REFRIGERATION (TC 86)

ISO 13256-1:2021, Water-source heat pumps - Testing and rating for performance - Part 1: Water-to-air and brine-to-air heat pumps, $200.00

ISO 13256-2:2021, Water-source heat pumps - Testing and rating for performance - Part 2: Water-to-water and brine-to-water heat pumps, $149.00

ROAD VEHICLES (TC 22)

ISO 21233:2021, Heavy commercial vehicles and buses - Vehicle dynamics simulation and validation - Closing-curve test, $111.00

SOLID BIOFUELS (TC 238)

ISO 23343-1:2021, Solid biofuels - Determination of water sorption and its effect on durability of thermally treated biomass fuels - Part 1: Pellets, $73.00

SUSTAINABLE DEVELOPMENT IN COMMUNITIES (TC 268)

ISO 37155-2:2021, Framework for integration and operation of smart community infrastructures - Part 2: Holistic approach and the strategy for development, operation and maintenance of smart community infrastructures, $149.00

VALVES (TC 153)

ISO 10631:2021, Industrial valves - Metallic butterfly valves, $149.00

ISO Technical Specifications

HEALTH INFORMATICS (TC 215)

ISO/TS 22691:2021, Health informatics - Token-based health information sharing, $149.00

NANOTECHNOLOGIES (TC 229)

ISO/TS 21236-2:2021, Nanotechnologies - Clay nanomaterials - Part 2: Specification of characteristics and measurements for clay nanoplates used for gas-barrier film applications, $111.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 17982:2021, Information technology - Telecommunications and information exchange between systems - Close capacitive coupling communication physical layer (CCCC PHY), $225.00

ISO/IEC 30145-1:2021, Information technology - Smart City ICT reference framework - Part 1: Smart city business process framework, $175.00

ISO/IEC TS 24192-1:2021, Cards and security devices for personal identification - Communication between contactless readers and fare media used in public transport - Part 1: Implementation requirements for ISO/IEC 14443 (all parts), $175.00

ISO/IEC TS 24192-2:2021, Cards and security devices for personal identification - Communication between contactless readers and fare media used in public transport - Part 2: Test plan for ISO/IEC 14443 (all parts), $149.00

IEC Standards

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

IEC 60335-2-104 Ed. 2.0 en:2021, Household and similar electrical appliances - Safety - Part 2-104: Particular requirements for appliances to recover and/or recycle refrigerant from air conditioning and refrigeration equipment, $310.00

S+ IEC 60335-2-104 Ed. 2.0 en:2021 (Redline version), Household and similar electrical appliances - Safety - Part 2-104: Particular requirements for appliances to recover and/or recycle refrigerant from air conditioning and refrigeration equipment, $404.00

Accreditation Announcements (U.S. TAGs to ISO)

Approval of Accreditation – U.S. TAG to ISO

TC 334, Reference materials

Effective May 7, 2020

ANSI's Executive Standards Council (ExSC) has formally approved the accreditation of the U.S. Technical Advisory Group to **ISO TC 334, Committee on Reference Materials (REMCO)** and the appointment of the **National Institute of Standards and Technology** as TAG Administrator, effective **May 7, 2020.** The TAG will operate under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

For additional information, please contact: Ms. Karen E. Murphy, B.Sc., National Institute of Standards and Technology, 100 Bureau Drive, Stop 8391, Building 227/Room B356, Gaithersburg, MD 20899; phone: 301.975.4140; email: karen.murphy@nist.gov

International Electrotechnical Commission (IEC)

USNC/IECQ Secretariat - Organization Needed

ECC Corp is concluding its role as the USNC Secretariat for the USNC/IECQ. The USNC, therefore, is seeking to determine whether another organization is interested in assuming responsibility for this USNC/IECQ Secretariat. Unless a new USNC/IECQ Secretariat is identified in response to this solicitation, the USNC will withdraw from international participation in the IECQ and register as a "Non-Member" of the IECQ.
If an organization is interested in the position of USNC/IECQ Secretariat they are invited to contact Megan Pahl at (mpahl@ansi.org).

Please see the scope for the USNC/IECQ below:
The International Electrotechnical Commission Quality Assessment System for Electronic Components (IECQ) is a worldwide approval and certification system covering the supply of electronic components and associated materials and assemblies (including modules) and processes. It uses quality assessment specifications that are based on International Standards prepared by the International Electrotechnical Commission (IEC).

Membership of the IECQ System is open to any country whose industries have an interest in the day-to-day operations of the IECQ and who may have certification bodies or training providers that may wish to participate in the IECQ System and be given the right to issue international IECQ certificates.

The organization acting as the Country IECQ Member Body:
· abides by the Rules and Procedures laid down in Publications IECQ System management Basic Rules (IEC CA01 + IECQ 01-S), IECQ Rules of Procedures and Operational Documents as amended;
· uses its best endeavors to assist in the achievement of the aims and objectives of the IECQ System;
· implements the Rules of the IECQ System and publishes documents, at the national level, that may be necessary;
· meets the financial obligations of the IECQ System;
· enters into a Memorandum of Understanding setting forth the duties and responsibilities of the IECQ Secretariat in a form acceptable to ANSI.

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 11 - Boiler and Pressure Vessels

Reply Deadline: June 4, 2021

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 11 – Boiler and pressure vessels, which is currently in Stand-by. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 11 to the National Board of Boiler & Pressure Vessel Inspectors (NBBPVI). NBBPVI has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 11 operates under the following scope:
Standardization of construction of boilers and pressure vessels. Excluded:

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

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

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 11. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat.
Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

1. The affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the Secretariat;
2. the affected technical sector, organizations or companies desiring that the U.S. hold the Secretariat request that ANSI perform this function;
3. the relevant U.S. TAG has been consulted with regard to ANSI's potential role as Secretariat; and
4. ANSI is able to fulfill the requirements of a Secretariat.

If no U.S. organization steps forward to assume the ISO/TC 11 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by **June 4, 2021**, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

Information concerning the United States retaining the role of international Secretariat may be obtained by contacting ANSI's ISO Team (isot@ansi.org).

International Organization for Standardization (ISO)

ISO New Work Item Proposal

Guidance for Advertising and Marketing Affecting Children

Comment Deadline: June 11, 2021

JISC, the ISO member body for Japan, has submitted to ISO a new work item proposal for the development of an ISO standard on Guidance for Advertising and Marketing Affecting Children, with the following scope statement:

The proposed standard will provide principles and best practice guidelines for advertising and marketing to protect children at different ages and stages of development from harm and to promote their healthy physical and psychological growth. It is proposed to include a variety of media such as television, publications, social media and other digital platforms (podcasts, YouTube), embedded advertising into television shows, movies and games that have a direct impact on children globally including. It is also proposed to include 'influencers' (i.e. children being the influencers and getting paid to advertise on social media).

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, June 11, 2021**.

ISO New Work Item Proposal

Guidelines for Evaluating Standardization Benefits for Organizations

Comment Deadline: June 4, 2021

SAC, the ISO member body for China, has submitted to ISO a new work item proposal for the development of an ISO standard on Guidelines for Evaluating Standardization Benefits for Organizations, with the following scope statement:

This document provides guidance for organizations to understand and apply the evaluation principles, methods and procedures of economic and social benefits of standardization. This document is generally useful for organizations to measure the benefits of standardization and improve their own standardization inputs.

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, June 4, 2021**.

ISO New Work Item Proposal

ISO Standard on Online Game Terminology

Comment Deadline: May 28, 2021

SAC, the ISO member body for China, has submitted to ISO a new work item proposal for the development of an ISO standard on ISO standard on Online Game Terminology, with the following scope statement:

This proposal specifies the definition of terms used in game research and development, operation, management, copyright, eSports, derivative production and sales.

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, May 28, 2021**.

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

District Energy System

Comment Deadline: June 4, 2021

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

Standardization of planning, operation, maintenance, optimization and application of the integrated district energy system with multiple energy carriers.

Excluding: specific energy (electricity or non-electricity) technologies, information technologies or control technologies within the scope of other ISO or IEC/TCs.

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, June 4, 2021**.

Registration of Organization Names in the United States

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

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

ABYC H-25

PORTABLE AND SEMI-PORTABLE MARINE GASOLINE FUEL SYSTEMS

ABYC H-25
02/2021
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AFTER APPROVAL

H-25 PORTABLE AND SEMI-PORTABLE MARINE GASOLINE FUEL SYSTEMS

Based on ABYC's assessment of existing technology, promulgated Federal regulations, and the problems associated with achieving the goals of this standard, ABYC recommends compliance with this standard for all boats, associated equipment, and systems manufactured or installed after July 31, 20XX.(one year compliance)

25.1 ***SCOPE***

This standard ~~addresses~~applies to the design, construction, and stowage of portable and semi-portable tanks less than 25 gal (94.6 L) ~~with~~ and related fuel lines and accessories comprising a portable marine gasoline fuel system for boats.

~~This standard applies to portable gasoline fuel systems of 12 gal (55.5 L) or less and to semi-portable gasoline fuel systems of greater than 12 gal (55.5 L) to less than 25 gal (95.6 L).~~

NOTES:
1. *For ventilation requirements see ABYC H-2,* Ventilation of Boats Using Gasoline.
2. *For permanently installed components see ABYC H-24,* Gasoline Fuel Systems.

25.2 ***UNITS OF MEASURE***

Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate.

25.4 ***DEFINITIONS***

For the purposes of this standard, the following definitions apply.

25.4.6 Portable Marine Gasoline Fuel Systems (hereby known as portable fuel systems) - tanks, fuel lines, primer bulbs and related accessories ~~that are not intended for permanent installations, but are~~ used as an assembly conveying fuel to a marine engine where the tank is not permanently installed.

25.4.7 Portable Marine Fuel Tank (hereby known as portable fuel tank) - a fuel tank that meets each of the following criteria:

25.5 ***GENERAL REQUIREMENTS***

25.5.8 ***Semi-Portable Fuel Tanks***

25.5.8.1 Semi-portable fuel tanks shall not be used on boats with permanently installed inboard engines.

25.5.8.2 Semi-portable fuel tanks shall not be used on boats with accommodation spaces.

25.5.8.3 Semi-portable fuel tanks shall be located and arranged so they are open to the atmosphere.

25.5.8.4 Semi-portable fuel tanks shall be located and orientated:

25.5.8.4.1 so that no overflowing fuel from the fuel fill can enter the boat when it is floating in ready-for-use condition, or

25.5.8.4.2 on a continuous floor that is liquid-tight to the hull interior and bilge compartments containing electrical components or batteries.

25.5.8.5 Semi-portable fuel tanks ~~shall be restrained so that the fuel tank does not move at the mounting surface more than 0.25 in (6.35 mm).~~ shall have a means to restrain the tank.

EXCEPTION: Space required for expansion of new nonmetallic fuel tanks.

25.5.8.5.1 Semi-portable fuel tanks shall be removable without the use of tools.

25.8 ***TESTING***

25.8.~~X~~8 ***Fuel Tank Pressure Test***

25.8.~~X~~8.1 Each portable and semi-portable tank shall be pressure tested by its manufacturer to a minimum of five psi (34 kPa).

25.8.9 ***Fuel System Pressure Testing***

25.8.~~8~~9.1~~-~~ Each ~~The~~ fuel system with permanently installed components ~~of every boat~~ shall be pressure checked to a minimum of five psi (34 kPa).

NOTE: All devices and valves that may prevent the transfer of pressure to the entire system should be open for this test.

25.8.9.2 The fuel system shall evidence no leakage under such testing, checked at a minimum of five minutes after application of the test pressure.

25.8.~~8~~9.3 A leak detection method other than the pressure drop method shall~~must~~ be used at every joint ~~except at the deck fill and exterior vent fittings~~.

NOTE: Soapy test solutions should be noncorrosive and nontoxic. Ammonia, present in some soaps and detergents, creates a condition that attacks brass fittings like those used in fuel systems. Damage may be undetectable at first, and these fittings may develop cracks in a matter of months creating a very hazardous situation.

BSR/ASHRAE Addendum ag
to ANSI/ASHRAE Standard 62.1-2016

Public Review Draft

Proposed Addendum ag to Standard 62.1-2016, Ventilation for Acceptable Indoor Air Quality

Third Public Review (February 2021)
(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 www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

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

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FOREWORD

This proposed addendum replaces the calculation method in current Normative Appendix B2 (Separation of Exhaust Outlets and Outdoor Air Intakes) with a new method based upon ASHRAE Research Project 1635 (2016). This research was sponsored by ASHRAE Technical Committee (TC) 4.3. The purpose of this Research Project is to provide a simple, yet accurate procedure for calculating the minimum distance required between the outlet of an exhaust system and the outdoor air intake to a ventilation system to avoid re-entrainment of exhaust gases. The new procedure addresses the technical deficiencies in the simplified equations and tables that are currently in Standard 62.1-2019 Ventilation for Acceptable Indoor Air Quality and model building codes. This new procedure makes use of the knowledge provided in Chapter 45 of the 2015 ASHRAE Handbook—Applications and was tested against various physical modeling and full-scale studies.

The study demonstrated that the new method is more accurate than the existing Standard 62.1 equation which under-predicts and over-predicts observed dilution more frequently than the new method. In addition, the new method accounts for the following additional important variables: stack height, wind speed and hidden versus visible intakes. The new method also has theoretically justified procedures for addressing heated exhaust, louvered exhaust, capped heated exhaust and horizontal exhaust that is pointed away from the intake.

The equation for determining heated exhaust is derived from Equation 1-10 in "User's guide for the Industrial Source Complex (ISC3) Dispersion Models" (EPA 1995).

References

EPA. 1995. User's guide for the Industrial Source Complex (ISC3) Dispersion Models, Vol. 2: Description of Model Algorithms. U.S. Environmental Protection Agency, Research Triangle Park, OAQPS, Research Triangle Park, NC., EPA-454/B-95-003B.

[Note to Reviewers: This public review draft 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 current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum ag to 62.1-2019

Modify Section B2 of Normative Appendix B as shown below. The remainder of Normative Appendix B is unchanged.

[…]

B2.1 General Equations. Minimum separation distance L shall be calculated using Equations B2.~~1~~-1 through B2.~~1-6~~-5b.

Informative Note: This standard is accompanied by an Excel® spreadsheet, which can be found at www.ashrae.org/. This file assists in Appendix B calculations. If the file or information at the link are not accessible, please contact the publisher.

~~$F1 = 13.6 \frac{DFQ_e}{U_H}$~~ $F1 = 13.6 \frac{DF \times Q}{U_H}$ (B2-1~~B2.1-1~~)

~~$F2 = 33.37\, h_s^2 + 254.9\, \beta \frac{B_{fac} h_s Q_e}{d_e U_H} + 486.9\, \beta \left[\frac{B_{fac} Q_e}{d_e U_H}\right]^2$~~ ~~(B2.1-2)~~

$F2 = 33.37\, h_s^2 + 254.9\, \beta \frac{B_{fac} \times h_s \times Q}{d_e \times U_H} + 486.9\, \beta \left[\frac{B_{fac} \times Q}{d_e \times U_H}\right]^2$ (B2-2)

~~$Bfac = \left[1 + \left(\frac{580{,}000\,(T_s - T_a)T_s}{{T_a}^2 U_H V_e}\right)\right]^{0.5}$~~ ~~(SI)~~ ~~(B2.1-3)~~

~~$Bfac = \left[1 + \left(\frac{15\,(T_s - T_a)T_s}{{T_a}^2 U_H V_e}\right)\right]^{0.5}$~~ ~~(I-P)~~ ~~(B2.1-4)~~

$B_{fac} = \left[1 + \left(\frac{15\,(T_s - T_a)T_s}{{T_a}^2 \times U_H \times V_e}\right)\right]^{0.5}$ (B2-3a) (I-P)

$B_{fac} = \left[1 + \left(\frac{580{,}000\,(T_s - T_a)T_s}{{T_a}^2 \times U_H \times V_e}\right)\right]^{0.5}$ (B2-3b) (SI)

~~$V_e = Q_e / (\pi d_e^2/4)$~~ $V_e = Q/(\pi d_e^2/4)$ (B2-4~~B2.1-5~~)

~~Find maximum of [*F1 - F2*] by varying U_H between 300 fpm (1.5 m/(s)) and the maximum wind speed. If local wind speed data is not available, U_H shall be varied from 1.5 m/s (300 fpm) to 10 m/s (2000 fpm).~~

Find the maximum of $[F1 - F2]$ by varying U_H between 300 fpm (1.5 m/s) and the maximum wind speed. If local wind speed data is not available, U_H shall be varied from 300 fpm (1.5 m/s) to 2000 fpm (10 m/s).

if the maximum of [*F1 - F2*] > 0~~;~~ then $L = [F1 - F2]^{0.5}$ ~~(B2.1-6)~~(B2-5a)

if the maximum of [*F1 - F2*] ≤ 0~~;~~ then $L = 0$ (B2-5b)

where:

- Q = exhaust airflow rate, cfm (L/s). For gravity vents, such as plumbing vents, use an exhaust rate of 150 cfm (75 L/s). For flue vents from fuel-burning appliances, assume a value of 250 cfm per million Btu/h (0.43 L/s per kW) of combustion input (or obtain actual rates from the combustion appliance manufacturer.
- U = exhaust air discharge velocity, fpm (m/s). As shown in Figure B2-1, U shall be determined using Table B2-3.
- DF = dilution factor, which is the ratio of outdoor airflow to entrained exhaust airflow in the outdoor air intake. The minimum dilution factor shall be determined as a function of exhaust air class in Table B2-1.
- L = minimum separation (stretched string as shown in Figure B2-1 ~~6-1~~) distance (m, ft);
- U_H = wind speed at stack top (m/s; fpm);
- T_s = exhaust temperature (K; R);
- T_a = ambient temperature (K; R);
- h_s = stack height above or below the top of the air intake (m; ft)~~;~~ height above the top of the air intake is a positive number, height below the top of the air intake is a negative number;
- ~~Q_e = exhaust air volume flow rate (m^3/s; cfm); for gravity vents, such as plumbing vents, use an exhaust rate of 150 cfm (75 L/s); for flue vents from fuel-burning appliances, assume a value of 250 cfm per million Btu/h (0.43 L/s per kW) of combustion input (or obtain actual rates from the combustion appliance manufacturer;~~
- d_e = exhaust diameter (m; ft); for rectangular exhaust (capped, horizontal or vertical), an equivalent round stack diameter shall be calculated using the following equation:

  $d_{e,,eff}$ = [Exhaust Area × $4/\pi$]$^{0.5}$ (B2-6~~B2.1-7~~)

  for louvered round or rectangular exhaust (capped, horizontal or vertical), an equivalent round stack diameter should be calculated as follows:

  $d_{e,eff}$ = [Exhaust Area × Open Fraction × $4/\pi$]$^{0.5}$ (B2-7~~B2.1-8~~)

  For heated capped or horizontal (including louvered) exhaust, the exhaust diameter prescribed in B.2.2.5 applies.
- β = 1 for uncapped stacks and 0 for capped or horizontal (includes louvered) exhaust.

~~The following e~~Equations B2-8a (I-P) or B2-8b (SI) shall be used to determine whether the exhaust is considered heated

~~$T_c = 0.0297 \left(\frac{v_s^{\frac{1}{3}}}{d_{e,eff}^{\frac{2}{3}}} \right) T_s$ (SI)~~ $T_c = 0.00626 \left(\frac{v_s^{\frac{1}{3}}}{d_{e,eff}^{\frac{2}{3}}} \right) T_s$ B2-8a (I-P)

~~$T_c = 0.00626 \left(\frac{v_s^{\frac{1}{3}}}{d_{e,eff}^{\frac{2}{3}}} \right) T_s$ (IP)~~ $T_c = 0.0297 \left(\frac{v_s^{\frac{1}{3}}}{d_{e,eff}^{\frac{2}{3}}} \right) T_s$ B2-8b (SI)

where

- T_c is the crossover temperature difference in (K; R); If $Tc < Ts - Ta$, the exhaust is considered to be heated.
- v_s = exhaust velocity (m/s; fpm); $v_s = \frac{Q_e}{d_{e\_eff}}$

If the exhaust is not considered heated the exhaust temperature shall be equal to the ambient temperature. Both summer and winter design conditions shall be evaluated.

Table B2-1. Minimum Dilution Factors, DF

Exhaust Type	Minimum Dilution Factor, DF
Class 1 air exhaust/relief outlet	5
Class 2 air exhaust/relief outlet	10
Class 3 air exhaust/relief outlet	50
Class 4 air exhaust/relief – based on kitchen grease hoods	300
Wood burning kitchen exhaust	700
General Boilers, Natural Gas and Fuel Oil, Based on NOx ppm factor (see Note 1)	2.8*p
Garage entry, automobile loading area, or drive-in queue (light duty gasoline vehicles)	50
Diesel generators, diesel truck loading area or dock, diesel bus parking/idling area (see Note 2)	2000*e
~~Cooling tower exhaust (based chemicals used for treatment)~~ Evaporative heat rejection equipment exhaust	10
Notes: 1. p is ppm NOx. If the NOx ppm is 10 ppm, p = 10 and DF = 28 2. e = 1 - the efficiency of the odor filter. (e.g. if the filter is 80% efficient, e = 0.2 and DF = 400)	

[…]

B2.2.1.2 Allowable Adjustments. ~~Input variables for pointed away are permitted to be adjusted as in Equations B2.2.1.2-1 and B2.2.1.2-2. Resulting value of L is permitted to be adjusted as in Equation B2.2.1.2-3.~~ Equations B2-9 through B2-11 shall be used to adjust the values under Section B2.1.

$U_{H,pa} = V_e$ (B2-9 ~~B2.2.1.2-1~~)

$DF_{pa} = DF/1.7$ (B2-10 ~~B2.2.1.2-2~~)

$L_{pa} = L/(1.75*d_e)$ (B2-11 ~~B2.2.1.2-3~~)

B2.2.2 Upblast and Downblast Exhaust. For upblast exhaust (typically used for Kitchen exhaust), the effective exhaust velocity is computed using the dimension "A" for d_e in the figure below and the exhaust volume flow rate along with the Equation B2-4~~B2.1-5~~.

[…]

B2.2.4 Hidden Intakes. A hidden intake is one that cannot be seen if standing at the exhaust location. A hidden intake must be off the same roof as the exhaust and on a building sidewall. For hidden intakes the minimum dilution factor from Table B2-1 shall be divided by 2 as shown in Equation B2-12~~B2.2.4-1~~.

$DF_h = DF/2$ (B2-12~~B2.2.4-1~~)

Informative Note: Typically, hidden intakes are on building sidewalls or on the side of a large mechanical penthouse or unit.

B2.2.5 Capped Heated Exhaust. Capped stacks or horizontal louvered exhausts that are heated will have still have plume rise due to buoyancy effects. For capped heated exhaust, ~~the following values~~ Equations B2-13 and B2-14 shall be used to calculate ~~in calculating~~ the value of *F2* in Equation B2-2~~B2.1-2~~.

$d_e = d_{e,capheat} = 10\ d_{e,eff}$ (B2-13~~B2.2.5-1~~)

$\beta = 1$ (B2-14~~B2.2.5-2~~)

BSR/ASHRAE Addendum e
to ANSI/ASHRAE Standard 62.1-2019

Public Review Draft

Proposed Addendum e to Standard 62.1-2019, Ventilation for Acceptable Indoor Air Quality

First Public Review (February 2021)
(Draft shows Proposed Changes to Current Standard)

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

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FOREWORD

Mold and microbial growth in buildings has been a persistent problem and health concern in all parts of the world. In 2019, the ASHRAE Board of Directors approved a major change to ASHRAE Standard 62.1 to reduce the risks of mold and moisture accumulation in mechanically cooled buildings. Section 5.10 of ASHRAE Standard 62.1-2019 now instructs designers of ventilation systems to provide equipment and controls that limit the indoor air dew point to a maximum of 60°F (15°C) during both occupied and unoccupied mode operation.

However, the dampness and mold problem sometimes also occurs in buildings cooled by direct evaporation into the supply air. At present, Std 62.1 does not address these risks. And the recent ASHRAE publication titled; Damp Buildings, Human Health and HVAC Design makes it clear that damp buildings remain a concern for human health. (ASHRAE March 2020 – ISBN: 978-1-947192-48-5)

In light of that concern, the 62.1 committee is considering the most appropriate way for designers to limit humidity in buildings and spaces served by direct evaporative cooling equipment.

A large proportion of evap-cooled buildings are industrial facilities and warehouses. These are rarely (if ever) overcooled. Condensation is less of a concern for buildings that have relatively warm indoor surfaces. That said, it must be admitted that if uncontrolled, some configurations of direct evaporative equipment can and sometimes do over-saturate the indoor air, leading to moisture absorption, accumulation and building dampness.

However, evaporative cooling saves energy and provides appropriate thermal comfort at higher, more economical indoor air temperatures in hundreds of thousands of buildings all over the world. So while excessive dampness remains a concern, the energy-saving and comfort benefits of direct evap cooling should not be limited by a low dew point that applies to buildings held at cooler temperatures by mechanical cooling. Surface temperatures of materials inside evap cooled-buildings are typically quite warm compared to those in mechanically cooled buildings, so the risk of persistent dampness is lower. Therefore, limiting the indoor RH rather than the dew point would be a more energy-appropriate strategy.

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

Addendum e to 62.1-2019

Insert new Section 5.11. Existing sections are to be renumbered accordingly.

5.11 Direct Evaporatively Cooled Buildings. Systems that cool by direct evaporation into the supply air shall be designed to limit indoor relative humidity to 65% at the lowest indoor dry bulb temperature allowed by design whenever the system is operating. The relative humidity limit shall not be exceeded when system performance is analyzed at maximum design outdoor humidity with the coincident space interior loads (both sensible and latent) at cooling design values and space solar loads at zero.

Exceptions to 5.11:

1. Spaces equipped with materials, assemblies, coatings, and furnishings that resist microbial growth and that are not damaged by continuously high indoor air humidity.

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

BSR/ASHRAE Addendum f
to ANSI/ASHRAE Standard 62.1-2019

Public Review Draft

Proposed Addendum f to Standard 62.1-2019, Ventilation for Acceptable Indoor Air Quality

First Public Review (February 2021)
(Draft shows Proposed Changes to Current Standard)

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FOREWORD

The language of Section 5.10 has been interpreted by users that the standard requires humidity sensors in every space served by a mechanically cooled system. This not being the intent of the adopted language, the following change has been proposed to clarify the intent.

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

Addendum f to 62.1-2019

Revise Section 5.10 as shown below.

5.10 ~~Maximum Indoor Air Dew Point in~~ Mechanically or Indirectly Evaporatively Cooled Buildings. ~~Buildings or spaces equipped with or served by mechanical cooling equipment~~ Systems that cool by mechanical means or indirect evaporation shall be ~~provided with dehumidification components and controls that~~ designed to limit the indoor humidity to a maximum dew point of 60°F (15°C) during both occupied and unoccupied hours whenever the outdoor air dew point is above 60°F (15°C). The dew-point limit shall not be exceeded when system performance is analyzed with outdoor air at the dehumidification design condition (that is, design dew point and mean coincident dry-bulb temperatures) and with the space interior loads (both sensible and latent) at cooling design values and space solar loads at zero.

Exceptions to 5.10:

~~1.~~ ~~Buildings or spaces that are neither equipped with nor served by mechanical cooling equipment.~~

1.~~2.~~ ~~Buildings or spaces~~ Spaces equipped with materials, assemblies, coatings, and furnishings that resist microbial growth and that are not damaged by continuously high indoor air ~~dew points~~ humidity.

2.~~3.~~ During overnight unoccupied periods not exceeding 12 hours, the 60°F (15°C) dewpoint limit shall not apply, provided that indoor relative humidity does not exceed 65% at any time during those hours.

Informative Notes:

1. Examples of spaces which are potentially exempted by Exception 1 are shower rooms, swimming pool enclosures, kitchens, spa rooms, or semi-cooled warehouse spaces that contain stored contents that are not damaged by continuously high indoor air ~~dew points~~ humidity or microbial growth.
2. This requirement reduces the risk of microbial growth in buildings and their interstitial spaces because it limits the mass of indoor water vapor that can condense or be absorbed into mechanically cooled surfaces. The dew-point limit is explicitly extended to unoccupied hours because of the extensive public record of mold growth in schools, apartments, dormitories, and public buildings that are intermittently cooled during unoccupied hours when the outdoor air dew point is above 60°F (15°C).

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Revision to NSF/ANSI 7 – 2019
Issue 17, Revision 1 (April 2020)

[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 International Standard/
American National Standard –

Commercial Refrigerators and Freezers

•

6 Storage refrigerators and freezers and refrigerated food transport cabinets

•

6.9 Equipment labeling and literature requirements

6.9.1 Equipment intended solely for the storage and display of packaged food products shall have a permanently attached label that states: “This equipment is intended for the storage and display of packaged products only.” The label shall be clearly visible to the user after installation of the equipment. This label is not required on self-service display refrigerators or units intended solely for the storage and display of ice cream and other frozen desserts.

6.9.2 The manufacturer of a remote refrigerator shall specify the load requirements BTU/hr (kW/hr) and the applicable evaporator temperature for each unit at its test condition.

6.9.2.1 If the remote refrigerator is designed and manufactured to operate at a maximum ambient temperature less than 100°F (38°C) it shall have a permanent label indicating that the equipment is intended for use in an area where the environmental conditions are controlled and maintained. The label shall indicate the maximum ambient temperature the remote refrigerator is designed and manufactured to operate within. The designated maximum ambient condition shall be 75°F (24°C) or greater.

***Rationale**: Currently there are no label requirements for the various environmental conditions. This language corrects for that and allows a range without the need to choose specific and rigid temperatures.*

BSR/UL 514A, *Standard for Safety for Metallic Outlet Boxes*

1. Topic 1: Slots in Adjustable Metal Outlet Boxes for Use only With Bar Hanger Assemblies

PROPOSAL

10.3.3 An OUTLET BOX, provided with and intended for installation only using an adjustable bar hanger assembly may have slots in its sides that have a dimension greater than 6.8 mm (0.27 in) provided that the total area of all openings in any one side of the OUTLET BOX does not exceed 129 mm^2 (0.2 in^2).

2. Topic 2: Clarification of the Calculation Method for Open Hole Area in Boxes with Removable Faces

PROPOSAL

10.3.4. The area of an open hole in a removable back of a box shall be calculated with the removable face installed as intended. Any area covered by the box mounting tabs shall be disregarded in computing the area of the open holes in a removable back/cover.

3. Topic 3: Update Typo Reference in Clause 12.6.2.3

PROPOSAL

2.2 Where reference is made to any Standard, such reference shall be considered to refer to the latest edition and revisions thereto available at the time of printing, unless otherwise specified.

ANCE Standards

~~NMX-J-170-ANCE~~
~~*Electrical Products - Copper Compression Type Connectors - Specifications and Test Methods*~~
NMX-J-543-ANCE
Wire Connectors

12.6.2 Electrical test

12.6.2.3 One locknut shall be reversed and threaded on the conduit. The smallest knockout shall be removed and the raceway shall be assembled to the box using a second locknut inside the box. The locknut shall be hand-tightened and then further tightened 1/4 turn with a hammer and a standard screwdriver or by an equivalent method. A copper wire lead shall be connected to:

a) The box by a pressure wire connector; and
b) The conduit by a ground CLAMP of the appropriate size, 12.7 mm (1/2 in) from the locknut.

BSR/UL 1482, *Standard for Solid-Fuel Type Room Heaters*

1. **Topic 1: Marking Instructions**

PROPOSAL

4 GLOSSARY

4.10 FACTORY-BUILT FIREPLACE SYSTEM – A fire chamber and its chimney, consisting entirely of factory-made parts designed for unit assembly without requiring field fabrication. A factory-built fireplace system may also include combustion air and warm air ducts, grilles and accessories.

MARKING

53.3 Each room heater shall be marked with the following:

n) For a heater intended to burn coal only, maximum flue collar draft [inches of water (kPa)].

o) "To be installed as a freestanding room heater with the clearances in the manufacturer's installation instructions. Not to be installed in any factory-built fireplace."

54.2 INSTALLATION INSTRUCTIONS

54.2.3 The installation instructions shall include particular details concerning:

p) The methods and precautions to be employed when connecting a room heater to a factory-built chimney, including a detailed list of all of the required parts. These methods are to be in written and diagrammatic form.

q) That the room heater shall not be installed in a factory-built fireplace.

The pressure wire connector shall be tightened to a torque specified in UL 486A-486B, CSA C22.2 No. 65, or NMXJ-543 ~~J-170~~-ANCE. The test current shall be passed through the assembly.

4. Topic 4: Test of preinstalled bonding/grounding conductors

PROPOSAL

12 Product testing

12.24 Conductors provided for grounding

12.24.1 When a wire is provided with a box as a means for grounding in accordance with 8.1.8, any connector incorporated as part of the bonding path shall be tested in accordance with 7.1 of UL 467, CSA C22.2 No 41-13, or NMX J-590-ANCE.