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Project Initiation Notification System (PINS)

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

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

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Revision

BSR/AHRI Standard 1500 (SI)-202x, Method to Determine Efficiency of Commercial Space Heating Boilers (revision of ANSI/AHRI Standard 1500-2014)

Stakeholders: Groups and individuals known to be, or who have indicated that they are, directly and materially affected by the standard, including manufacturers, testers, regulators, trade or professional organizations, and associations representing consumers.

Project Need: The purpose of this standard is to specify methods and procedures for determining performance of heating boilers. It includes provisions for determining performance ratings and methods of testing.

Interest Categories: Product Manufacturer, General Interest, Testing Laboratory, Component Manufacturer

Scope: This standard applies to gas- and oil-fired steam and hot-water packaged boilers with inputs equal to or greater than 300 MBh, that is: (a) A steam boiler designed to operate at or below a steam pressure of 15 psig; or (b) A hot-water boiler designed to operate at or below a water pressure of 160 psig and a temperature of 250°F; or (c) A boiler that is designed to be capable of supplying either steam or hot water, and designed to operate under the conditions in paragraphs (a) and (b).

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

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Revision

BSR/APCO/NENA 1.107.2-202X, Standard for the Establishment of a Quality Assurance and Quality Improvement Program for Emergency Communication Centers (revision and redesignation of ANSI/APCO 1.107.1-2015)

Stakeholders: Public Safety Telecommunicators, public safety agencies, responders, involved individuals and the community will benefit from the revision of this standard.

Project Need: The duties and responsibilities of those who serve our communities by accepting and processing emergency calls from the public have grown exponentially over recent years. The industry is challenged by the type and nature of the calls received, the heavy workload coupled in many cases with the constant change of the environment, technology, and community expectations. The revision of this standard provides uniformed methods to evaluate the service delivery of personnel ensuring high standards of performance.

Interest Categories: Public Safety Communication Users, Producers and General Interest

Scope: This standard identifies the recommended minimum components of a Quality Assurance/Quality Improvement (QA/QI) program within an Emergency Communication Center (ECC). It recommends effective procedures for implementing a QA/QI program to evaluate the performance of ECC Personnel.

ASA (ASC S12) (Acoustical Society of America)

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Revision

BSR ASA S12.10 Part 1-202x, Acoustics – Measurement of Airborne Noise Emitted by Information Technology and Telecommunications Equipment – Part 1: Determination of Sound Power Level and Emission Sound Pressure (revision of ANSI/ASA S12.10-2010/Part 1 (R2020))

Stakeholders: Information technology and telecommunications industry

Project Need: The current ANS is a modified adoption of ECMA 74, 10th edition. The intent of this project is to update ANSI/ASA S12.10 by adopting a modified version of ECMA 74 19th edition, December 2021.

Interest Categories: Producers, General Interest

Scope: Specifies procedures for measuring and reporting the noise emission of information technology and telecommunications equipment. This Standard is considered part of a noise test code for this type of equipment, and is related to basic noise emission standards ISO 3741, ISO 3744, ISO 3745, and ISO 11201. The basic emission quantity is the A-weighted sound power level which may be used for comparing equipment of the same type but from different manufacturers, or for comparing different equipment.

ASA (ASC S12) (Acoustical Society of America)

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Revision

BSR ASA S12.10 Part 2-202x, Acoustics – Measurement of Airborne Noise Emitted by Information Technology and Telecommunications Equipment – Part 2: Declaration of Noise Emission Levels (revision of ANSI/ASA S12.10-2011/Part 2 (R2020))

Stakeholders: Information technology and telecommunications industry

Project Need: The current ANS is a modified adoption of ECMA-109, 5th edition. The intent of this project is to update ANSI/ASA S12.10 by adopting a modified version of ECMA-109 10th edition, December 2020.

Interest Categories: Producers, General Interest

Scope: Specifies procedures for declaring the measured noise emission of information technology and telecommunications equipment. This Standard is considered part of a noise test code for this type of equipment, and is related to basic noise emission declaration standard ISO 4871 and ISO 7574-4. The basic emission quantity is the A-weighted sound power level which may be used for comparing equipment of the same type but from different manufacturers, or for comparing different equipment.

ASC X9 (Accredited Standards Committee X9, Incorporated)

Ambria Frazier; Ambria.frazier@x9.org | 275 West Street, Suite 107 | Annapolis, MD 21401 www.x9.org

Revision

BSR X9.69-202X, Framework for Key Management Extensions (revision of ANSI X9.69-2017)

Stakeholders: Manufacturers, service providers, assessors, auditors, and security professionals.

Project Need: Relevant updates will be researched and developed by the workgroup. Of particular interest is the use of this standard mitigates the quantum threat posed by Shor's Algorithm.

Interest Categories: Consumer, General Interest, Producer

Scope: This standard defines methods for the generation and control of keys used in symmetric cryptographic algorithms. The standard defines a constructive method for the creation of symmetric keys by combining two or more secret key components. The standard also defines a method for attaching a key usage vector to each generated key, that prevents abuses and attacks against the key. The two defined methods can be used separately or in combination.

ASC X9 (Accredited Standards Committee X9, Incorporated)

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Revision

BSR X9.119-2-202X, Requirements for Protection of Sensitive Payment Card Data - Part 2: Using Tokenization Methods (revision of ANSI X9.119-2-2017)

Stakeholders: Manufacturers, service providers, assessors, auditors, and security professionals.

Project Need: Merchants are incurring extraordinary costs in trying to protect this data. A method that protected the data at the device might allow merchants, processors, and acquirers to realize dramatic cost savings with implementation of this standard. This work would provide an additional method for protecting this data.

Interest Categories: Consumer, Producer, General Interest

Scope: This document would standardize the security requirements and implementation for a method for protecting this sensitive card data over these segments using tokenization and would be a companion standard to X9.119 part 1. Several implementations exist to address this situation. This document would provide guidance for evaluating these implementations.

ASC X9 (Accredited Standards Committee X9, Incorporated)

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Reaffirmation

BSR X9.131-2015 (R202x), Financial transaction messages - Electronic benefits transfer (EBT) - WIC retailer interface (reaffirmation of ANSI X9.131-2015)

Stakeholders: Electronic Benefit processors, retail grocers, WIC State Agencies, third-party processors and retail system developers are affected. EBT processors and WIC State Agencies require a common standard for message and file processing that reflects the current market needs and practices.

Project Need: This standard will permit commercial card and reader manufacturers, retailer store payment and electronic cash register providers and WIC State Agencies to program components of a WIC EBT smart card solution into their present and future systems. The cost will be reduced to participating retailers and WIC State Agencies through standardized requirements that define the components of a smart card EBT system for the WIC program. The benefits include increased competition, lower costs, and greater efficiency and service to provide EBT WIC benefits on integrated retailer cash register systems. This will also facilitate the adoption of new technology and minimize costs to adopt the technology as it evolves over time.

Interest Categories: Producer, Consumer, General Interest

Scope: This standard defines a common set of Application Programming Interface (API) functions to access the WIC benefits on an integrated circuit (smart) card in the retailer environment; a common method (card discovery mechanism) to identify the issuer of the WIC EBT benefits and the WIC EBT scheme present on the smart card and, an interface to the card reader device that transmits and receives data from the WIC EBT smart card. The reference or model implementation provided by the WIC State Agency shall utilize this standard. This standard does not specify the reader driver used by the retailer application but it defines interfaces that may be implemented for the WIC module to access functions of the Reader Driver Module (RDM). The specific requirements of the Reader Driver Interface to the integrated circuit (smart) card are dependent on the card design chosen by the WIC State Agency and may be obtained from them.

CTA (Consumer Technology Association)

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Revision

BSR/CTA 861-I-202x, Amendment to Improvements on Audio and Video Signaling (revision and redesignation of ANSI/CTA 861-H-2021)

Stakeholders: Consumers, manufacturers, and retailers

Project Need: Integration of Amendment 861.6, addressing deferred comments and improving /extending interoperability.

Interest Categories: users, manufacturers, producers

Scope: Integration of Amendment 861.6, addressing deferred comments and improving /extending interoperability.

CTA (Consumer Technology Association)

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New Standard

BSR/CTA 2065.1-202x, Physical Activity Monitoring for Heart Rate - Real-World Analysis (new standard)

Stakeholders: Consumers, health and fitness device manufacturers and users

Project Need: To add new protocols for real-world analysis for consumer technology that measures heart rate or related parameters.

Interest Categories: users, general interest, manufacturers

Scope: This standard extends CTA 2065 to add new protocols for real-world analysis for consumer technology that measures heart rate.

CTA (Consumer Technology Association)

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Revision

BSR/CTA 2065-A-202x, Physical Activity Monitoring for Heart Rate (revision of ANSI/CTA 2065-2018)

Stakeholders: Consumers, health and fitness device manufacturers and users

Project Need: To create definitions and performance criteria for consumer technology that measures heart rate or related parameters.

Interest Categories: Users, General interest, Producers

Scope: This standard creates definitions and performance criteria for consumer technology that measures heart rate.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 30B-202x, Code for the Manufacture and Storage of Aerosol Products (revision of ANSI/NFPA 30B-2023)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)

Please refer to the following link <https://www.nfpa.org/tcclass> for more information about our classifications

Scope: 1.1 Scope.

1.1.1 This code shall apply to the manufacture, storage, and display of aerosol products as herein defined.

1.1.2 * This code shall apply to the storage and display of products whose contents are comprised entirely of compressed or liquefied gas, provided that the containers meet the requirements of 3.3.1 through 3.3.4.

1.1.3 This code shall not apply to post-consumer processing of aerosol containers.

1.1.4 * This code shall not apply to containers that do not meet the definition of Aerosol Container (see 3.3.1).

1.1.4.1 Containers that contain a product that meets the definitions in 3.3.2 and 3.3.3, but are larger than the limits specified in 3.3.1, shall not be classified as aerosol products, and this code shall not apply to the manufacture, storage, and display of such products.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 51-202x, Standard for the Design and Installation of Oxygen-Fuel Gas Systems for Welding, Cutting, and Allied Processes (revision of ANSI/NFPA 51-2023)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)

Please refer to the following link <https://www.nfpa.org/tcclass> for more information about our classifications

Scope: 1.1 Scope.

1.1.1 This standard applies to the following:

- (1) Design and installation of oxygen-fuel gas welding and cutting systems and allied processes (see 3.3.2), except for systems meeting the criteria in 1.1.5
- (2) Utilization of gaseous fuels generated from flammable liquids under pressure where such fuels are used with oxygen
- (3) Storage on the site of a welding and cutting system installation of the following:
 - (a) Gases to be used with such systems where more than one cylinder each of oxygen and fuel gas are stored in any single storage area [includes storage of more than one cylinder each in any single storage area even though all such stored cylinders may be intended for use in systems of the kind described in 1.1.5(1)]
 - (b) Calcium carbide

1.1.2 Unless specifically indicated otherwise, the term welding and cutting systems shall be considered to include allied processes in this standard.

1.1.3 Where only a portion of a fuel gas system is to be used for welding, cutting, or allied processes, only that portion of the system need comply with this standard.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 52-202x, Vehicular Natural Gas Fuel Systems Code (revision of ANSI/NFPA 52-2023)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)

Please refer to the following link <https://www.nfpa.org/tcclass> for more information about our classifications

Scope: 1.1* Scope

1.1.1 This code shall apply to the design, installation, operation, and maintenance of compressed natural gas (CNG) and liquefied natural gas (LNG) engine fuel systems on vehicles of all types and for fueling vehicle (dispensing) systems and facilities, and associated storage, including the following: (1) Original equipment manufacturers (OEMs); (2) Final-stage vehicle integrator/manufacture (FSVIM); (3) Vehicle fueling (dispensing) systems.

1.1.2 This code shall apply to the design, installation, operation, and maintenance of LNG engine fuel systems on vehicles of all types, to their associated fueling (dispensing) facilities, and to LNG-to-CNG facilities with LNG storage in ASME containers of 100,000 gal (379 m³) or less.

1.1.3 This code shall not apply to those aspects of vehicles and fuel supply containers that are covered by federal motor vehicle safety standards (FMVSSs).

1.1.4 This code shall include marine, highway, rail, off-road, and industrial vehicles.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 88A-202x, Standard for Parking Structures (revision of ANSI/NFPA 88A-2023)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)

Please refer to the following link <https://www.nfpa.org/tcclass> for more information about our classifications

Scope: 1.1 Scope. This standard shall cover the construction and protection of, as well as the control of hazards in the following:

- (1) Open and enclosed parking structures
- (2) Parking systems

1.1.1 This standard shall not apply to private garages not exceeding 1000 ft² (92.9 m²) associated with residential buildings.

1.1.2 This standard shall not apply to a free-standing, one-story covered structure that is open on at least two sides that provides shelter and storage for motor vehicles.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 301-202x, Code for Safety to Life from Fire on Merchant Vessels (revision of ANSI/NFPA 301-2023)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)

Please refer to the following link <https://www.nfpa.org/tcclass> for more information about our classifications

Scope: NFPA 301 shall be known as the Merchant Vessel Code and is referred to herein as “this code” or “the code.”

1.1.2 The code addresses construction, arrangement, protection, and space utilization factors that are necessary to minimize danger to life from fire, smoke, fumes, or panic. It also provides for reasonable protection against property damage and avoidance of environmental damage consistent with the normal operation of vessels.

Fundamental requirements applicable to all vessels are found in Chapters 1 through 9. These fundamental requirements are modified in Chapters 10 through 18 as applicable for any type of space. The requirements in Chapters 1 through 18 are modified in Chapters 19 through 21 as applicable for any given vessel type. For example, a passenger vessel would follow the requirements of Chapters 1 through 18 and Chapter 21.

1.1.3 The code identifies the minimum criteria for the design of egress facilities so as to permit prompt escape of passengers and crew to safe areas aboard vessels and, where necessary, to survival craft embarkation stations.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 557-202x, Standard for Determination of Fire Loads for Use in Structural Fire Protection Design (revision of ANSI/NFPA 557-2023)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)

Please refer to the following link <https://www.nfpa.org/tcclass> for more information about our classifications

Scope: 1.1 Scope. The scope of this standard is the determination of the fire load and fire load density to be used as the basis for the evaluation and design of the structural fire performance of a building.

1.1.1 The determination of a design-basis fire is outside the scope of this standard.

1.1.2* This document is not intended to address facilities for storage of hazardous materials.

A.1.1.2 Examples of hazardous materials include combustible dusts, flammable and combustible liquids, flammable solids, oxidizers, and oxidizer-containing waste. Information on such occupancies is contained in NFPA 400.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 750-202x, Standard on Water Mist Fire Protection Systems (revision of ANSI/NFPA 750-2023)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)

Please refer to the following link <https://www.nfpa.org/tcclass> for more information about our classifications

Scope: 1.1 * Scope. This standard contains the minimum requirements for the design, installation, maintenance, and testing of water-mist fire-protection systems. This standard does not provide definitive fire performance criteria, nor does it offer specific guidance on how to design a system to control, suppress, or extinguish a fire.

Reliance is placed on the procurement and installation of listed water mist equipment or systems that have demonstrated performance in fire tests as part of a listing process.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 780-202x, Standard for the Installation of Lightning Protection Systems (revision of ANSI/NFPA 780-2023)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)

Please refer to the following link <https://www.nfpa.org/tcclass> for more information about our classifications

Scope: 1.1 Scope.

1.1.1 This document shall cover traditional lightning protection system installation requirements for the following:

- (1) Ordinary structures
- (2) Miscellaneous structures and special occupancies
- (3) Heavy-duty stacks
- (4) Structures containing flammable vapors, flammable gases, or liquids that can give off flammable vapors
- (5) Structures housing explosive materials
- (6) Wind turbines
- (7) Watercraft
- (8) Airfield lighting circuits
- (9) Solar arrays

1.1.2* This document shall address lightning protection of the structure but not the equipment or installation requirements for electric generating, transmission, and distribution systems except as given in Chapter 9 and Chapter 12.

1.1.3 This document shall not cover lightning protection system installation requirements for early streamer emission systems or charge dissipation systems.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 1082-202x, Standard for Facilities Fire and Life Safety Director Professional Qualifications (revision of ANSI/NFPA 1082-2023)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)

Please refer to the following link <https://www.nfpa.org/tcclass> for more information about our classifications

Scope: This standard identifies the minimum job performance requirements (JPRs) for facilities fire and life safety director.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 1930-202x, Standard on Fire and Emergency Service Use of Thermal Imagers, Two-Way Portable RF Voice Communication Devices, Ground Ladders, and Fire Hose, and Fire Hose Appliances (revision, redesignation and consolidation of ANSI/NFPA 1801-2021, ANSI/NFPA 1802-2021, ANSI/NFPA 1932-2020, ANSI/NFPA 1937-2021, ANSI/NFPA 1962-2018)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)

Please refer to the following link <https://www.nfpa.org/tcclass> for more information about our classifications

Scope: 1.1 Scope. This standard defines the minimum requirements for thermal imagers for the fire service; two-way, portable RF voice communications devices for use by emergency services personnel in the hazard zone; the use, maintenance, and service testing of in-service fire department ground ladders; the selection, care, and maintenance of rescue tools; and the care, use, inspection, testing, and replacement of fire hose, couplings, nozzles, and fire hose appliances.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 1950-202x, Standard on Protective Clothing, Ensembles, and Equipment for Technical Rescue Incidents, Emergency Medical Operations, and Wildland Firefighting, and Urban Interface Firefighting (revision, redesignation and consolidation of ANSI/NFPA 1951-2020, ANSI/NFPA 1977-2022, ANSI/NFPA 1999-2018)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)

Please refer to the following link <https://www.nfpa.org/tcclass> for more information about our classifications

Scope: 1.1 Scope.

1.1.1 This standard provides minimum requirements for the design, performance, testing, and certification of the following:

- (1) Technical rescue protective ensembles for use by emergency services personnel during technical rescue incidents;
- (2) New single-use and new multiple-use emergency medical operations protective clothing, including garments, helmets, gloves, footwear, and face protection devices, used by emergency medical responders prior to arrival at medical care facilities, used by medical first receivers at medical care facilities during emergency medical operations, and used by health care workers providing medical and supportive care;
- (3) Items of wildland firefighting and urban interface firefighting protective clothing and equipment, including protective garments, protective helmets, protective gloves, protective footwear, protective goggles, and protective chain saw protectors, as well as items for load-carrying equipment.

1.1.2 This standard shall not be construed as addressing all the safety concerns associated with the use of compliant protective ensembles or elements. It shall be the responsibility of the persons and organizations that use compliant protective ensembles or elements to establish safety and health practices and to determine the applicability of regulatory limitations prior to use.

1.1.3 This standard shall not be construed as addressing all the safety concerns, if any, associated...

PMI (Organization) (Project Management Institute)

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Revision

BSR/PMI-08-002-202X, Standard for Program Management (revision of ANSI/PMI 08-002-2017)

Stakeholders: Anyone interested in the program management profession such as senior executives, program managers, managers of projects, members of project management offices, functional managers with employees assigned to programs, programs utilizing agile and adaptive approaches, educators teaching program management related subjects, consultants and other specialists in program management and related fields, trainers developing program management educational programs, researchers analyzing program management, etc.

Project Need: The current edition of the Standard for Program Management needs updates to incorporate adaptive practices to its guidance, enhance flexibility in its content to allow greater ease of use in a variety of industries, and more clearly articulate previously identified principles within the text to meet market needs for principles-based guidance. The growth of program management as a field has increased the need for these changes, and the Standard needs cover-to-cover updates to best serve practitioners.

Interest Categories: Academic/Training; Consultant; General Interest; Organization/Professional

Scope: The Standard for Program Management Fifth Edition provides guidelines for managing programs within an organization. It defines program management and related concepts, describes the program management life cycle, and provides guidance to practitioners on best practices. A cover-to-cover revision is planned to address needed modifications that will allow it to best serve the field.

TIA (Telecommunications Industry Association)

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Reaffirmation

BSR/TIA 5048-2017 (R202x), Automated Infrastructure Management (AIM) Systems Requirements, Data Exchange and Applications (reaffirmation of ANSI/TIA 5048-2017)

Stakeholders: Cabling system designers, installers, consultants, architects, manufacturers, cabling systems owners, facilities management organizations, contractors

Project Need: Reaffirm the standard.

Interest Categories: User, Producer and General Interest

Scope: This standard specifies the requirements and recommendations for the attributes of Automated Infrastructure Management (AIM) systems, explains how AIM systems can contribute to operational efficiency, and specifies a framework of requirements and recommendations for data exchange with other 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

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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: July 31, 2022

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

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

Addenda

BSR/ASHRAE Addendum I to BSR/ASHRAE Standard 15-202x, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)

The proposed change in this 4th Publication Public Review (PPR) Independent Substantive Change (ISC) corrects editorial errors from the 3rd Publication Public Review. It was not the intention of the committee to delete the first three exceptions, only to add the 6th exception. Note that the 4th and 5th exceptions were included in the 1st PPR. Therefore, this 4th PPR-ISC notes the existing three exceptions, along with the intended three new exceptions to be added by Addendum I.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME BPV Section II-202x, Part A - Ferrous Material Specifications; Part B - Nonferrous Material Specifications; Part D - Materials Properties (2nd Public Review) (revision of ANSI/ASME BPVC Section II-2021) Section II of the Boiler and Pressure Vessel Code provides material specifications for base metallic materials and material design values and limits and cautions on the use of materials.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Colleen O'Brien; obrienc@asme.org

Comment Deadline: July 31, 2022

NSF (NSF International)

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

Revision

BSR/NSF 40-202x (i47r2), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)

This Standard contains minimum requirements for residential wastewater treatment systems having rated treatment capacities between 1,514 L/d (400 gal/d) and 5,678 L/d (1,500 gal/d). Management methods for the treated effluent discharged from residential wastewater treatment systems are not addressed by this Standard. System components covered under other NSF or NSF/ANSI standards or criteria shall also comply with the requirements therein. This Standard shall in no way restrict new system designs, provided such designs meet the minimum specifications described herein.

[Click here to view these changes in full](#)

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

NSF (NSF International)

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

Revision

BSR/NSF 46-202x (i40r1), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2021)

This Standard is intended for use with components and devices not covered by other NSF wastewater standards. Components and devices covered by this Standard are intended for use with greywater or blackwater, or both. Management methods for the end-products of these components and devices are not addressed in this Standard. This Standard shall in no way restrict new system designs, provided that such designs meet the minimum specifications described herein. All devices and components meeting the scope of this Standard shall comply with all of the requirements described in Sections 1 through 8. In addition, devices and components shall comply with the applicable subsequent section(s) contained in this Standard. Where subsequent sections of the standard include requirements that overlap with those found in Sections 1 through 8, the requirements of both sections shall be met unless otherwise specified in the requirements of the subsequent section.

[Click here to view these changes in full](#)

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

NSF (NSF International)

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

Revision

BSR/NSF 245-202x (i29r2), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2020)

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

[Click here to view these changes in full](#)

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

Comment Deadline: July 31, 2022

NSF (NSF International)

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

Revision

BSR/NSF 350-202x (i68r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)

This Standard contains minimum requirements for onsite residential and commercial greywater treatment systems. Systems may include Greywater reuse treatment systems having a rated treatment capacity up to 5,678 L/d (1,500 gal/d); or Commercial greywater reuse treatment systems: This applies to onsite commercial reuse treatment systems that treat combined commercial facility greywater with capacities exceeding 5,678 L/d (1,500 gal/d) and commercial facility laundry water only of any capacity. Management methods and end uses appropriate for the treated effluent discharged from greywater residential and commercial treatment systems meeting this Standard are limited to subsurface discharge to the environment only.

[Click here to view these changes in full](#)

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

NSF (NSF International)

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

Revision

BSR/NSF 350-202x (i70r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)

This Standard contains minimum requirements for onsite residential and commercial greywater treatment systems. Systems may include greywater reuse treatment systems having a rated treatment capacity up to 5,678 L/d (1,500 gal/d); or Commercial greywater reuse treatment systems: This applies to onsite commercial reuse treatment systems that treat combined commercial facility greywater with capacities exceeding 5,678 L/d (1,500 gal/d) and commercial facility laundry water only of any capacity. Management methods and end uses appropriate for the treated effluent discharged from greywater residential and commercial treatment systems meeting this Standard are limited to subsurface discharge to the environment only.

[Click here to view these changes in full](#)

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

UL (Underwriters Laboratories)

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

Revision

BSR/UL 248-1-202X, Low-Voltage Fuses - Part 1: General Requirements (revision of ANSI/UL 248-1-2017)

This recirculation proposal provides revisions to the UL 248-1 proposal dated 11-19-21.

[Click here to view these changes in full](#)

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

Comment Deadline: July 31, 2022

UL (Underwriters Laboratories)

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

Revision

BSR/UL 407-202x, Standard for Safety for Manifolds for Compressed Gases (revision of ANSI/UL 407-2004 (R2017))

Revisions to new joint standard, UL/ULC 407, Standard for Manifolds for Compressed Gases. These minimum requirements cover equipment for manifolding high-pressure gas cylinders to supply gas for various industrial and commercial applications. Cylinders are manifolded for the purpose of centralizing the gas supply, to provide a continuous supply of gas, or to provide gas at a rate in excess of that which may be obtained from a single cylinder. The requirements apply to manifolds for the following gases: (a) Acetylene; (b) Oxygen; (c) Fuel gases other than acetylene; (d) Nitrogen, carbon dioxide, air, and inert gases; and (e) Nonflammable medical gases.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Jeff Prusko, jeffrey.prusko@ul.org

UL (Underwriters Laboratories)

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

Revision

BSR/UL 746B-202X, Standard for Safety for Polymeric Materials - Long-Term Property Evaluations (revision of ANSI/UL 746B-2021)

This proposal covers a revision of requirements for Thermal Aging in Paragraph 16.3. The original version of this proposal was posted by UL in its Collaborative Standards Development System (CSDS) for ballot on May 6, 2022.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Derrick Martin; Derrick.L.Martin@ul.org

Comment Deadline: August 15, 2022

ACP (American Clean Power Association)

1501 M Street NW, Suite 900, Washington, DC 20005 | Standards@cleanpower.org, www.cleanpower.org

New Standard

BSR/ACP OCRP-5-202x, Recommended Practice for Design, Deployment, and Operation of Submarine Cable in the United States (new standard)

The recommended practice spans the submarine cable life cycle from design, material selection, specification, manufacturing, transportation, storage, handling, installation and commissioning, to operations, maintenance, integrity verification and decommissioning of submarine cable systems.

Single copy price: Free

Obtain an electronic copy from: standards@cleanpower.org

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

Comment Deadline: August 15, 2022

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

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

Addenda

BSR/ASHRAE Addendums to BSR/ASHRAE Standard 135.1-202x, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2013)

This addendum adds new and corrects existing tests for Network Layer, MS/TP Data Link Layer, and BACnet Functionality Tests; adds tests for BACnet Secure Connect Data Link Layer and IPv6; renumbers Clause 15; improves existing definitions; and applies miscellaneous editorial changes and other changes to improve the standard.

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 (copy psa@ansi.org) to: <http://www.ashrae.org/standards-research-technology/public-review-drafts>

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

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

New Standard

BSR/ASHRAE Standard 41.13-202x, Standard Methods for Fuel Higher Heating Value Measurement (new standard)

This proposed new standard prescribes methods for determining fuel higher heating values.

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 (copy psa@ansi.org) to: <http://www.ashrae.org/standards-research-technology/public-review-drafts>

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

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

Revision

BSR/ASHRAE Standard 133-202x, Method of Testing Direct Evaporative Air Coolers (revision of ANSI/ASHRAE Standard 133-2015)

This revision of Standard 133-2015 includes changes throughout the standard, including changes to meet ASHRAE's mandatory language requirements. This revision also establishes a uniform method of laboratory testing for rating packaged and component direct evaporative air coolers.

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 (copy psa@ansi.org) to: <http://www.ashrae.org/standards-research-technology/public-review-drafts>

Comment Deadline: August 15, 2022

ASQ (ASC Z1) (American Society for Quality)

600 N Plankinton Avenue, Milwaukee, WI 53201 | espaulding@asq.org, www.asq.org

National Adoption

BSR ASQ/ISO 16355-1-202x, Application of statistical and related methods to new technology and product development process - Part 1: General principles and perspectives of quality function deployment (QFD) (identical national adoption of ISO 16355-1:2021 and revision of ANSI/ASQ/ISO 16355-1-2015)

This part of ISO 16355 describes the quality function deployment (QFD) process, its' purpose, users, and tools. It does not provide requirements or guidelines for organizations to develop and systematically manage their policies, processes, and procedures in order to achieve specific objectives.

Single copy price: \$225.00

Obtain an electronic copy from: standards@asq.org

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

ASQ (ASC Z1) (American Society for Quality)

600 N Plankinton Avenue, Milwaukee, WI 53201 | espaulding@asq.org, www.asq.org

National Adoption

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

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

Single copy price: \$185.00

Obtain an electronic copy from: standards@asq.org

Order from: standards@asq.org

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

ASQ (ASC Z1) (American Society for Quality)

600 N Plankinton Avenue, Milwaukee, WI 53201 | espaulding@asq.org, www.asq.org

National Adoption

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

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

Single copy price: \$185.00

Obtain an electronic copy from: standards@asq.org

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Comment Deadline: August 15, 2022

ASQ (ASC Z1) (American Society for Quality)

600 N Plankinton Avenue, Milwaukee, WI 53201 | espaulding@asq.org, www.asq.org

National Adoption

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

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

Single copy price: \$138.00

Obtain an electronic copy from: standards@asq.org

Order from: standards@asq.org

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

ASQ (ASC Z1) (American Society for Quality)

600 N Plankinton Avenue, Milwaukee, WI 53201 | espaulding@asq.org, www.asq.org

National Adoption

BSR ASQ/ISO 16355-5-202x, Applications of statistical and related methods to new technology and product development process - Part 5:Solution strategy (identical national adoption of ISO 16355-5:2017)

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

Single copy price: \$232.00

Obtain an electronic copy from: standards@asq.org

Order from: standards@asq.org

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

Comment Deadline: August 15, 2022

ASQ (ASC Z1) (American Society for Quality)

600 N Plankinton Avenue, Milwaukee, WI 53201 | espaulding@asq.org, www.asq.org

National Adoption

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

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

Single copy price: \$111.00

Obtain an electronic copy from: standards@asq.org

Order from: standards@asq.org

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

ASQ (ASC Z1) (American Society for Quality)

600 N Plankinton Avenue, Milwaukee, WI 53201 | espaulding@asq.org, www.asq.org

National Adoption

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

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

Single copy price: \$209.00

Obtain an electronic copy from: standards@asq.org

Order from: standards@asq.org

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

ASTM (ASTM International)

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

Revision

BSR/ASTM F1045-202x, Performance Specification for Ice Hockey Helmets (revision of ANSI/ASTM F1045-2016)

<https://www.astm.org/ansi-review>

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

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

Comment Deadline: August 15, 2022

ASTM (ASTM International)

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

Revision

BSR/ASTM F1898-202x, Specification for Helmets for Non-Motorized Wheeled Vehicles Used by Infants and Toddlers (revision of ANSI/ASTM F1898-2015)

<https://www.astm.org/ansi-review>

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

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ASTM (ASTM International)

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

Revision

BSR/ASTM F1952-202x, Specification for Helmets Used for Downhill Mountain Bicycle Racing (revision of ANSI/ASTM F1952-2015)

<https://www.astm.org/ansi-review>

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

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ASTM (ASTM International)

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

Revision

BSR/ASTM F2032-202x, Specification for Helmets Used for BMX Cycling (revision of ANSI/ASTM F2032-2015)

<https://www.astm.org/ansi-review>

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ASTM (ASTM International)

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

Revision

BSR/ASTM F2876-202x, Practice for Thermal Rating and Installation of Internal Combustion Engine Packages for Use in Hazardous Locations in Marine Applications (revision of ANSI/ASTM F2876-2010 (R2015))

<https://www.astm.org/ansi-review>

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

Order from: accreditation@astm.org

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

Comment Deadline: August 15, 2022

CTA (Consumer Technology Association)

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

New Standard

BSR/CTA 2100-202x, Standard Method of Measurement for Soundbars (new standard)

This standard describes how to combine the output volume, frequency, and directivity response to an overall performance rating for the Soundbar System.

Single copy price: Free

Obtain an electronic copy from: standards@cta.tech

Order from: standards@cta.tech

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

FCI (Fluid Controls Institute)

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

Revision

BSR/FCI 87-1-202x, Classification and Operating Principles of Steam Traps (revision of ANSI/FCI 87-1-2017)

This standard is for the purpose of establishing and illustrating various classifications of Steam Traps in accordance with their basic principles of operation.

Single copy price: Free

Obtain an electronic copy from: fci@fluidcontrolsintitute.org

Send comments (copy psa@ansi.org) to: Leslie Schraff, fci@fluidcontrolsintitute.org.

OEOSC (ASC OP) (Optics and Electro-Optics Standards Council)

75 Barrett Drive, #1190, Webster, NY 14580 | paugino@optimaxsi.com, www.OEOSC.org

National Adoption

BSR OEOSC ISO 10110-7-202x, Optics and Electro-Optical Instruments - Preparation of drawings for optical elements and systems - Part 7: Surface Imperfections (identical national adoption of ISO 10110-7:2017)

This document is a part of the ISO 10110 series of technical drawing standards for optical elements and systems.

It specifies rules for the level of acceptability of surface imperfections within a test region on individual optical elements and optical assemblies.

Single copy price: \$5.00

Obtain an electronic copy from: paugino@optimaxsi.com

Order from: OEOSC, c/o Patrick Augino, 75 Barrett Dr. #1190, Webster, NY 14580

Send comments (copy psa@ansi.org) to: Patrick Augino; paugino@optimaxsi.com

Comment Deadline: August 15, 2022

TIA (Telecommunications Industry Association)

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

New Standard

BSR/TIA 568.5-1-202x, Balanced Single Twisted-Pair Telecommunications Cabling and Components Standard - Addendum 1: Corrections (new standard)

This addendum will correct the error of the incompatibility between the channel and cable PSAFEXT specifications and correct any other errors that may be found. The scope may include the addition of a test method for UTP 1-pr cable. (Additions of features and classes will not be included in the scope.

Single copy price: \$67.00

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

Order from: TIA; standards-process@tiaonline.org

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

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Julio.Morales@UL.org, <https://ul.org/>

Revision

BSR/UL 153-202x, Standard for Safety for Portable Electric Luminaires (revision of ANSI/UL 153-2021)

This proposal for UL 153 covers: (1) Battery-operated portable luminaires; (2) Scope adjustments; (3) Plant Luminaires subject to photobiological risk measurement testing; (4) Interconnected units permitted to use attachment plugs and receptacles compliant with UL 60320-2; (5) Switches; (6) Double insulation as alternative to a grounding attachment plug for shop lights; (7) Interconnection cord requirement for line-voltage-operated cabinet luminaire; (8) Grounding for work lights, hand lights, and wet-location luminaires; (9) Receptacle switches for work lights; (10) Exclusion of current taps from wet-location portable luminaires; (11) Dielectric Voltage Withstand Test for lower voltage circuits; (12) Renaming the Resistance to Moisture Test as the Leakage Current Measurement Test; (13) Electrical input measurement and rating marking for portable luminaires with non-replaceable light sources; (14) Electrical rating marking for convenience receptacles; (15) Revising the Office Furnishing and Wet Location markings from mandatory to eligible; (16) Editorial revisions; (17) Clarification of Power-Supply Cord Twist Test.

Single copy price: Free

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

Order from: <https://www.shopulstandards.com/>

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

Comment Deadline: August 30, 2022

ISTA (International Safe Transit Association)

1400 Abbot Road, Suite 160, East Lansing, MI 48823 | ehiser@ista.org, www.ista.org

Reaffirmation

BSR/ISTA Procedure 3E-2017 (R202x), ISTA Procedure 3E - Similar Packaged-Products in Unitized Loads for Truckload Shipment (reaffirmation of ANSI/ISTA Procedure 3E-2017)

Procedure 3E covers the testing of unitized loads, made up of either single or multiple products or packages of similar products prepared for shipment via a Full Truckload (FTL) delivery system carrier. FTL is defined as a motor carrier shipment, where an entire trailer-load is filled with unitized packaged-products, often of similar retail packaged-products, intended for one destination.

Single copy price: Free for Members; and \$95.00 USD for Non-Members

Obtain an electronic copy from: https://mms.ista.org/members/store_product.php?orgcode=ISTA&pid=20943537

Order from: https://mms.ista.org/members/store_product.php?orgcode=ISTA&pid=20943537

Send comments (copy psa@ansi.org) to: Eric Hiser, ista@ista.org

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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).

ASQ (ASC Z1) (American Society for Quality)

600 N Plankinton Avenue, Milwaukee, WI 53201 | espaulding@asq.org, www.asq.org

Reaffirmation

ASQ Z1 TR1:2012 (R2022), Guidelines for performing a self-assessment of a quality management system (reaffirmation of technical report ASQ Z1 TR1:2012)

The self-assessment approach described in this report provides a simple and easy-to-use approach to determine the maturity of a QMS and to identify the main areas for management to consider for improvement. It is not a substitute for internal audit of the QMS and it is not intended to conflict with or compete with the use of existing quality award or excellence models. It is a tool that can enhance the identification of improvement opportunities and the setting of priorities for the allocation of the limited human and capital resources of an organization.

Single copy price: \$60.00

Order from: standards@asq.org

Project Withdrawn

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

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

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

BSR/AHRI Standard 400-200x, Liquid to Liquid Heat Exchangers (revision of ANSI/AHRI Standard 400-2001)
Inquiries may be directed to Karl Best; kbest@ahrinet.org

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

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

BSR/AHRI Standard 540-202x, Performance Rating of Positive Displacement Refrigerant Compressors (new standard)
Inquiries may be directed to Karl Best; kbest@ahrinet.org

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

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

BSR/AHRI Standard 270 with Addendum 1-202x, Sound Performance Rating of Outdoor Unitary Equipment (new standard)
Inquiries may be directed to Karl Best; kbest@ahrinet.org

ASTM (ASTM International)

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

BSR/ASTM WK78121-202x, New Test Method for Determination of bulk in synthetic turf fiber (new standard)
Inquiries may be directed to Laura Klineburger; accreditation@astm.org

HL7 (Health Level Seven)

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

BSR/HL7 V3 DT, R3-202x, HL7 Version 3 Standard: Data Types - Abstract Specification, Release 3 (revision and redesignation of ANSI/HL7 V3 DT, R2-2012)
Inquiries may be directed to Karen Van Hentenryck; Karenvan@HL7.org

SCTE (Society of Cable Telecommunications Engineers)

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

BSR/SCTE 70-202x, Insulation Resistance Megohmmeter Method (revision of ANSI/SCTE 70-2003 (R2007))
Inquiries may be directed to Kim Cooney; kcooney@scte.org

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

ANSI/AAMI PB70-2012, Liquid barrier performance and classification of protective apparel and drapes intended for use in health care facilities

AAMI's pending revision to ANSI/AAMI PB70-2012 could not conclude prior to the standard's expiration date of June 19, 2022. Therefore the project will be considered a "Newly proposed ANS" when approved.

Direct inquiries to: Darren Robertson; drobertson@aami.org

Withdrawal of an ANS by ANSI-Accredited Standards Developer

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

HL7 (Health Level Seven)

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

ANSI/HL7 V3 AB, R2-2008 (R2017), HL7 Version 3 Standard: Accounting & Billing, Release 2

Direct inquiries to: Karen Van Hentenryck; Karenvan@HL7.org

HL7 (Health Level Seven)

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

ANSI/HL7 V3 CR, R4-2008 (R2017), HL7 Version 3 Standard: Claims and Reimbursement, Release 4

Direct inquiries to: Karen Van Hentenryck; Karenvan@HL7.org

Final Actions on American National Standards

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

ABYC (American Boat and Yacht Council)

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

Revision

ANSI/ABYC H-8-2022, Buoyancy in the Event of Flooding/Swamping (revision of ANSI/ABYC H-8-2017) Final Action Date: 6/23/2022

Revision

ANSI/ABYC H-29-2022, Canoes and Kayaks (revision of ANSI/ABYC H-29-2019) Final Action Date: 6/23/2022

Revision

ANSI/ABYC H-35-2022, Powering and Load Capacity of Pontoon Boats (revision of ANSI/ABYC H-35-2017) Final Action Date: 6/23/2022

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

ANSI/ASME B5.57-2012 (R2022), Methods for Performance Evaluation of Computer Numerically Controlled Lathes and Turning Centers (reaffirmation of ANSI/ASME B5.57-2012 (R2017)) Final Action Date: 6/23/2022

Reaffirmation

ANSI/ASME PTC 40-2017 (R2022), Flue Gas Desulfurization Units - Performance Test Code (reaffirmation of ANSI/ASME PTC 40-2017) Final Action Date: 6/22/2022

Revision

ANSI/ASME A112.19.5/CSA B45.15-2022, Flush Valves and Spuds for Water Closets, Urinals, and Tanks (revision of ANSI/ASME A112.19.5-2017/CSA B45.15-2017) Final Action Date: 6/24/2022

Revision

ANSI/ASME A112.4.14/CSA B125.14-2022, Manually or Automatically Operated Shutoff Valves for Use in Plumbing Systems (revision of ANSI/ASME A112.4.14/CSA B125.14-2017) Final Action Date: 6/22/2022

Revision

ANSI/ASME N511-2022, In-Service Testing of Nuclear Air Treatment, Heating, Ventilating, and Air-Conditioning Systems (revision of ANSI/ASME N511-2017) Final Action Date: 6/22/2022

Revision

ANSI/ASME PCC-3-2022, Inspection Planning Using Risk-Based Methods (revision of ANSI/ASME PCC-3-2017) Final Action Date: 6/21/2022

Stabilized Maintenance

ANSI/ASME B5.8-2001 (S2022), Chucks and Chuck Jaws (stabilized maintenance of ANSI/ASME B5.8-2001 (R2016)) Final Action Date: 6/24/2022

AWWA (American Water Works Association)

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

New Standard

ANSI/AWWA E110-2022, Solids Handling Pumps For Wastewater Applications (new standard) Final Action Date: 6/24/2022

CPA (Composite Panel Association)

19465 Deerfield Avenue, Suite 306, Leesburg, VA 20176 | gheroux@cpamail.org, www.CompositePanel.org

Revision

ANSI/CPA A208.1-2022, Particleboard (revision and redesignation of ANSI A208.1-2016) Final Action Date: 6/22/2022

CTA (Consumer Technology Association)

1919 S. Eads Street, Arlington, VA 22202 | cakkers@cta.tech, www.cta.tech

New Standard

ANSI/CTA 2088.1-2022, Baseline Cybersecurity for Small Unmanned Aerial Systems (new standard) Final Action Date: 6/24/2022

HPS (ASC N13) (Health Physics Society)

950 Herndon Parkway, Suite 450, Herndon, VA 20170 | awride-graney@burkinc.com, www.hps.org

New Standard

ANSI N13.25-2022, Internal Dosimetry Programs for Plutonium Exposure - Basic Requirements (new standard) Final Action Date: 6/23/2022

Revision

ANSI N13.35-2022, Specifications for the Bottle Manikin Absorption Phantom (revision of ANSI N13.35-2009 (R2019)) Final Action Date: 6/23/2022

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

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

New Standard

INCITS 549-2022, Information technology - Zoned Device ATA Command Set - 2 (ZAC-2) (new standard) Final Action Date: 6/23/2022

NSF (NSF International)

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

Revision

ANSI/NSF 455-2-2022 (i25r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021) Final Action Date: 6/15/2022

Revision

ANSI/NSF 455-4-2022 (i32r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2021) Final Action Date: 6/17/2022

SCTE (Society of Cable Telecommunications Engineers)

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

New Standard

ANSI/SCTE 277-2022, Linear Contribution Encoding Specification (new standard) Final Action Date: 6/22/2022

UL (Underwriters Laboratories)

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

Revision

ANSI/UL 414-2022, Standard for Safety for Meter Sockets (revision of ANSI/UL 414-2020) Final Action Date: 6/22/2022

Revision

ANSI/UL 507-2022, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2020) Final Action Date: 6/22/2022

Revision

ANSI/UL 539-2022, Standard for Safety for Single and Multiple Station Heat Alarms (revision of ANSI/UL 539-2018) Final Action Date: 6/23/2022

Revision

ANSI/UL 746A-2022a, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2022) Final Action Date: 6/24/2022

Revision

ANSI/UL 746E-2022a, Standard for Safety for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used In Printed Wiring Boards (revision of ANSI/UL 746E-2022) Final Action Date: 6/20/2022

Revision

ANSI/UL 746F-2022a, Standard for Safety for Flexible Dielectric Film Materials for Use in Printed Wiring Boards and Flexible Materials Interconnect Constructions (revision of ANSI/UL 746F-2022) Final Action Date: 6/24/2022

Revision

ANSI/UL 962-2022a, Standard for Household and Commercial Furnishings (revision of ANSI/UL 962-2022) Final Action Date: 6/24/2022

Revision

ANSI/UL 1046-2022, Standard for Grease Filters for Exhaust Ducts (revision of BSR/UL 1046-202x) Final Action Date: 6/22/2022

Revision

ANSI/UL 1191-2022, Standard for Components for Personal Flotation Devices (March 25, 2022) (revision of ANSI/UL 1191-2021) Final Action Date: 6/22/2022

Revision

ANSI/UL 1286-2022, Standard for Safety for Off Furnishing Systems (revision of ANSI/UL 1286-2021) Final Action Date: 6/24/2022

UL (Underwriters Laboratories)

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

Revision

ANSI/UL 1315-2022, Standard for Safety for Safety Containers for Waste Paper (revision of ANSI/UL 1315-2003 (R2017)) Final Action Date: 6/22/2022

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

Membership in all interest categories is always welcome; however, the INCITS Executive Board seeks to broaden its membership base in the following underrepresented categories:

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.

Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures.

More information is available at www.scte.org or by e-mail from standards@scte.org.

Call for Members (ANS Consensus Bodies)

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

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

BSR/AHRI Standard 1500 (SI)-202x, Method to Determine Efficiency of Commercial Space Heating Boilers (revision of ANSI/AHRI Standard 1500-2014)

CTA (Consumer Technology Association)

1919 S. Eads Street, Arlington, VA 22202 | cakery@cta.tech, www.cta.tech

BSR/CTA 861-I-202x, Amendment to Improvements on Audio and Video Signaling (revision and redesignation of ANSI/CTA 861-H-2021)

CTA is seeking new members to join the consensus body. CTA and the R4 Video Systems Intelligent Mobility Committee are particularly interested in adding new members (called "users" who acquire video products from those who create them) as well as those with a general interest.

CTA (Consumer Technology Association)

1919 S. Eads Street, Arlington, VA 22202 | cakery@cta.tech, www.cta.tech

BSR/CTA 2065.1-202x, Physical Activity Monitoring for Heart Rate - Real-World Analysis (new standard)

CTA is seeking new members to join the consensus body. CTA and the R11 Health, Fitness & Wellness Committee are particularly interested in adding new members (called "users") who acquire health, fitness and wellness products. from those who create them, and in adding new members who neither produce nor use health, fitness or wellness products, and others (called members with a "general interest").

CTA (Consumer Technology Association)

1919 S. Eads Street, Arlington, VA 22202 | cakery@cta.tech, www.cta.tech

BSR/CTA 2065-A-202x, Physical Activity Monitoring for Heart Rate (revision of ANSI/CTA 2065-2018)

CTA is seeking new members to join the consensus body. CTA and the R11 Health, Fitness & Wellness Committee are particularly interested in adding new members (called "users") who acquire health, fitness and wellness products. from those who create them, and in adding new members who neither produce nor use health, fitness or wellness products, and others (called members with a "general interest").

CTA (Consumer Technology Association)

1919 S. Eads Street, Arlington, VA 22202 | cakery@cta.tech, www.cta.tech

BSR/CTA 2100-202x, Standard Method of Measurement for Soundbars (new standard)

CTA is seeking new members to join the consensus body. CTA and the R3 Audio Systems Committee are particularly interested in adding new members (called "users") who acquire audio products from those who create them, and in adding new members who neither produce nor use audio products, such as regulators, associations, and others (called members with a "general interest").

FCI (Fluid Controls Institute)

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

BSR/FCI 87-1-202x, Classification and Operating Principles of Steam Traps (revision of ANSI/FCI 87-1-2017)

Call for Members (ANS Consensus Bodies)

NSF (NSF International)

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

BSR/NSF 40-202x (i47r2), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)

NSF (NSF International)

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

BSR/NSF 46-202x (i40r1), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2021)

NSF (NSF International)

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

BSR/NSF 245-202x (i29r2), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2020)

NSF (NSF International)

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

BSR/NSF 350-202x (i68r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)

NSF (NSF International)

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

BSR/NSF 350-202x (i70r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)

TIA (Telecommunications Industry Association)

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

BSR/TIA 568.5-1-202x, Balanced Single Twisted-Pair Telecommunications Cabling and Components Standard - Addendum 1: Corrections (new standard)

TIA (Telecommunications Industry Association)

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

BSR/TIA 5048-2017 (R202x), Automated Infrastructure Management (AIM) Systems Requirements, Data Exchange and Applications (reaffirmation of ANSI/TIA 5048-2017)

Call for Comment of ANS Limited Substantive Changes

ANSI Accredited Standards Developers

RESNET - Residential Energy Services Network, Inc.

ANSI/RESNET/ICC 380-2019 - 30-Day Comment Deadline By August 1, 2022

This Call for Comment of Limited Substantive Changes to the Approved American National Standard is available for review & comment until **August 1, 2022**

ANSI/RESNET/ICC 380-2019

Standard for Testing Airtightness of Building, Dwelling Unit and Sleeping Unit Enclosures; Airtightness of Heating and Cooling Air Distribution Systems; and Airflow of Mechanical Ventilation Systems
(revision of ANSI/RESNET/ICC 380-2016)

Clarify which referenced standards are identified in section 9 and clarify the edition of a referenced standard.

Order paper copy from: Rick Dixon, Standards Manager, RESNET, P.O. Box 4561, Oceanside, CA 92052

Send comments (with copy to psa@ansi.org) to:RESNET using the online comment form which is accessed by following the "ANSI Standards & Amendments Out for Public Comment" link on webpage: <https://www.resnet.us/about/standards/standards-currently-out-for-public-comment/>

Obtain an electronic copy from: RESNET's website by following the "ANSI Standards & Amendments Out for Public Comment" link on webpage: <https://www.resnet.us/about/standards/standards-currently-out-for-public-comment/>

Single copy price: \$55.00

[Click here to view these changes in full](#)

Richard Dixon
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Residential Energy Services Network, Inc. (RESNET)
4867 Patina Court
Oceanside, CA 92057
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e: rick.dixon@resnet.us

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

WMMA (ASC O1) - Wood Machinery Manufacturers of America - Safety Requirements for Woodworking Machinery

Meeting Time: July 26-28, 2022

The **ASC WMMA (ASC O1) committee** will be holding its annual in person meeting in Charlotte, NC on **July 26-28, 2022**. Interested parties may contact nikki@wmma.org or information to attend. For additional information, please contact: Nikki Augsburger

Wood Machinery Manufacturers of America
2331 Rock Spring Road, Forest Hill, MD 21050
p. 443.640.1052 ext. 1278 | f. 443.640.1031
nikki@wmma.org
www.wmma.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 link is www.ansi.org/asd and here are some direct links as well as highlights of information that is available:

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

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

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

American National Standards Under Continuous Maintenance

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

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

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

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

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

ABYC

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

ACP

American Clean Power Association
1501 M Street NW, Suite 900
Washington, DC 20005
www.cleanpower.org
Tom Vinson
Standards@cleanpower.org

AHRI

Air-Conditioning, Heating, and Refrigeration Institute
2311 Wilson Boulevard, Suite 400
Arlington, VA 22201
www.ahrinet.org
Karl Best
kbest@ahrinet.org

APCO

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

ASA (ASC S12)

Acoustical Society of America
1305 Walt Whitman Road, Suite 300
Melville, NY 11747
www.acousticalsociety.org
Seth Bard
sethbard@us.ibm.com

ASC X9

Accredited Standards Committee X9, Incorporated
275 West Street, Suite 107
Annapolis, MD 21401
www.x9.org
Ambria Frazier
Ambria.frazier@x9.org

ASHRAE

American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
180 Technology Parkway
Peachtree Corners, GA 30092
www.ashrae.org
Carmen King
cking@ashrae.org
Ryan Shanley
rshanley@ashrae.org

ASME

American Society of Mechanical Engineers
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New York, NY 10016
www.asme.org

Maria Acevedo
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ASME

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

Terrell Henry
ansibox@asme.org

ASQ (ASC Z1)

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

Elizabeth Spaulding
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ASTM

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100 Barr Harbor Drive
West Conshohocken, PA 19428
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Paul Olson
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CPA

Composite Panel Association
19465 Deerfield Avenue, Suite 306
Leesburg, VA 20176
www.CompositePanel.org
Gary Heroux
gheroux@cpamail.org

CTA

Consumer Technology Association
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ISO & IEC Draft International Standards



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

COMMENTS

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

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

ORDERING INSTRUCTIONS

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

ISO Standards

Additive manufacturing (TC 261)

ISO/ASTM DIS 52910, Additive manufacturing - Design - Requirements, guidelines and recommendations - 9/10/2022, \$82.00

Agricultural food products (TC 34)

ISO/DIS 20631, Infant formula and adult nutritionals - Determination of total folates content by trienzyme extraction and ultra-performance liquid chromatography tandem mass spectrometry (UPLC-MS/MS) - 9/9/2022, \$77.00

ISO/DIS 20715, Tea classification - 4/24/2022, \$46.00

ISO/FDIS 20716, Oolong tea - Definition and basic requirements - 9/5/2021, \$46.00

ISO/FDIS 20976-2, Microbiology of the food chain - Requirements and guidelines for conducting challenge tests of food and feed products - Part 2: Challenge tests to study inactivation potential and kinetic parameters - 7/15/2021, \$88.00

Air quality (TC 146)

ISO/FDIS 23861, Workplace air - Chemical agent present as a mixture of airborne particles and vapour - Requirements for evaluation of measuring procedures using samplers - 6/25/2021, \$82.00

ISO/FDIS 16000-3, Indoor air - Part 3: Determination of formaldehyde and other carbonyl compounds in indoor and test chamber air - Active sampling method - 1/16/2021, \$93.00

Applications of statistical methods (TC 69)

ISO/DIS 16355-7, Applications of statistical and related methods to new technology and product development process - Part 7: Guidelines for developing digitalized products and services - General Principles and Perspectives of the QFD Method - 4/25/2022, \$88.00

Corrosion of metals and alloys (TC 156)

ISO/FDIS 4215, Corrosion of metals and alloys - Test method for high-temperature corrosion testing of metallic materials by thermogravimetry under isothermal or cyclic conditions - 6/4/2021, \$62.00

Cranes (TC 96)

ISO/FDIS 23778, Proof of competence of hydraulic cylinders in crane applications - 10/15/2021, \$119.00

Dentistry (TC 106)

ISO/DIS 14356, Dentistry - Duplicating material - 9/10/2022, \$98.00

Dimensional and Geometrical Product Specifications and Verification (TC 213)

ISO/DIS 4351, Geometrical product specifications (GPS) - Association - 9/9/2022, \$62.00

Fertilizers and soil conditioners (TC 134)

ISO/DIS 6650, Fertilizers, Soil conditioners and Beneficial Substances - Simultaneous Determination of N-buthylthiophosphorus Triamide (NBPT) and Dicyandiamide (DCD) by High-performance Liquid Chromatography (HPLC) - 9/9/2022, \$40.00

Foundry machinery (TC 306)

ISO/DIS 23779, Shot blasting machinery - safety and environmental requirements - 4/25/2022, \$88.00

Graphical symbols (TC 145)

ISO 7010:2019/DAmD 132, - Amendment 1: Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 132: Safety sign P075: Do not stare at light source - 9/9/2022, FREE

Human resource management (TC 260)

ISO/DIS 30434, Human resource management - Workforce allocation - 4/28/2022, \$102.00

Industrial automation systems and integration (TC 184)

ISO/FDIS 23218-2, Industrial automation systems and integration - Numerical control systems for machine tools - Part 2: Requirements for numerical control system integration - 10/11/2020, \$46.00

Machine tools (TC 39)

ISO/DIS 19085-9, Woodworking machines - Safety - Part 9: Circular saw benches (with and without sliding table) - 4/24/2022, \$125.00

Optics and optical instruments (TC 172)

ISO/DIS 24013, Optics and photonics - Lasers and laser-related equipment - Measurement of phase retardation of optical components for polarized laser radiation - 9/10/2022, \$67.00

Paper, board and pulps (TC 6)

ISO/FDIS 187, Paper, board and pulps - Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples - 11/15/2021, \$46.00

Plastics (TC 61)

ISO/DIS 1663, Rigid cellular plastics - Determination of water vapour transmission properties - 9/8/2022, \$67.00

ISO/DIS 4608, Plastics - Homopolymer and copolymer resins of vinyl chloride for general use - Determination of plasticizer absorption at room temperature - 4/28/2022, \$40.00

ISO/FDIS 5412, Plastics - Industrial compostable plastic shopping bags - 7/11/2021, \$62.00

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

ISO/DIS 9854-1, Thermoplastics pipes for the transport of fluids - Determination of Charpy impact properties - Part 1: General test method - 4/25/2022, \$58.00

ISO/DIS 9854-2, Thermoplastics pipes for the transport of fluids - Determination of Charpy impact properties - Part 2: Test conditions for pipes of various materials - 4/25/2022, \$40.00

Road vehicles (TC 22)

ISO/DIS 3894, Road vehicles - Wheels/rims for commercial vehicles - Test methods - 4/24/2022, \$53.00

ISO/DIS 10605, Road vehicles - Test methods for electrical disturbances from electrostatic discharge - 4/24/2022, \$125.00

ISO/DIS 11451-5, Road vehicles - Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 5: Reverberation chamber - 4/25/2022, \$155.00

Rubber and rubber products (TC 45)

ISO/DIS 1407, Rubber - Determination of solvent extract - 4/24/2022, \$77.00

Safety of toys (TC 181)

ISO/DIS 8124-6, Safety of toys - Part 6: Certain phthalate esters in toys and childrens products - 4/28/2022, \$107.00

ISO/DIS 8124-10, Safety of toys - Part 10: Experimental sets for chemistry and related activities - 4/23/2022, \$88.00

Ships and marine technology (TC 8)

ISO/DIS 3725, Ships and marine technology - Aquatic nuisance species - Methods for evaluating the performance of compliance monitoring devices for ballast water discharges - 9/11/2022, \$88.00

ISO/DIS 5528, Ships and marine technology - Deep-sea hydraulic winch equipments - 4/28/2022, \$40.00

ISO/DIS 5556, Ships and marine technology - Sea-going vessels - Single-drum winches for oceanographic research - 4/24/2022, \$53.00

Small tools (TC 29)

ISO/FDIS 603-14, Bonded abrasive products - Dimensions - Part 14: Grinding wheels for deburring and fettling/snagging on an angle grinder - 2/21/2021, \$53.00

ISO/FDIS 603-15, Bonded abrasive products - Dimensions - Part 15: Cutting-off wheels on stationary or mobile cutting-off machines - 2/21/2021, \$40.00

ISO/FDIS 603-16, Bonded abrasive products - Dimensions - Part 16: Cutting-off wheels on hand held power tools - 2/21/2021, \$33.00

Solid mineral fuels (TC 27)

ISO/DIS 5146, Coal and Coke - Coal preparation plant - Density tracer testing for measuring performances of coal density separators - 9/10/2022, \$93.00

Surface chemical analysis (TC 201)

ISO/FDIS 24417, Surface chemical analysis - Analysis of metallic nanolayers on iron based substrates by glow-discharge optical-emission spectrometry - 9/19/2021, \$102.00

ISO/DIS 18115-1, Surface chemical analysis - Vocabulary - Part 1: General terms and terms used in spectroscopy - 4/23/2022, \$175.00

(TC 330)

ISO/DIS 7581, Method for the evaluation of basic bactericidal activity of a non-porous surface - 9/12/2022, \$82.00

Textiles (TC 38)

ISO/DIS 105-C09, Textiles - Tests for colour fastness - Part C09: Colour fastness to domestic and commercial laundering - Oxidative bleach response using a non-phosphate reference detergent incorporating a low temperature bleach activator - 9/8/2022, \$53.00

ISO/FDIS 4465, Textiles - Animal welfare in the supply chain - General requirements for the production, preparation and traceability of Angora rabbit fibre, including ethical claims and supporting information - 9/20/2021, \$77.00

ISO/DIS 5157, Textiles - Environmental aspects - Vocabulary - 9/11/2022, \$88.00

ISO/FDIS 14389, Textiles - Determination of the phthalate content - Tetrahydrofuran method - 8/29/2021, \$82.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 3721-2, Information technology - Information model for mixed and augmented reality content - Part 2: Augmentation style specification - 4/25/2022, \$62.00

ISO/IEC DIS 4396-4, Telecommunications and information exchange between systems - Future network recursive inter-network architecture - Part 4: Complete enrollment procedures - 4/28/2022, \$33.00

ISO/IEC DIS 24789-1, Identification cards - Card service life - Part 1: Application profiles and requirements - 9/10/2022, \$71.00

ISO/IEC DIS 24789-2, Identification cards - Card service life - Part 2: Methods of evaluation - 9/11/2022, \$102.00

IEC Standards**Dependability (TC 56)**

56/1959/CD, IEC 60300-3-14 ED2: Dependability management - Part 3-14: Application guide - Supportability and support, 09/16/2022

Electrical equipment in medical practice (TC 62)

62B/1285/FDIS, IEC 60601-2-54 ED2: Medical electrical equipment - Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy, 08/05/2022

Electroacoustics (TC 29)

29/1126/FDIS, IEC 60118-0 ED4: Electroacoustics - Hearing aids - Part 0: Measurement of the performance characteristics of hearing aids, 08/05/2022

Electrostatics (TC 101)

101/666/CD, IEC 61340-4-11 ED1: Electrostatics - Part 4-11: Standard test methods for specific applications - Testing of electrostatic properties of composite IBC, 10/14/2022

Environmental conditions, classification and methods of test (TC 104)

104/933/CDV, IEC 60068-2-14 ED7: Environmental testing - Part 2-14: Tests - Test N: Change of temperature, 09/16/2022

104/930/CDV, IEC 60068-2-17 ED5: Basic environmental testing procedures - Part 2-17: Tests - Test Q: Sealing, 09/16/2022

104/932/CDV, IEC 60068-3-1 ED3: Environmental testing - Part 3-1: Supporting documentation and guidance - Cold and dry heat tests, 09/16/2022

104/931/CDV, IEC 60068-3-4 ED2: Environmental testing - Part 3-4: Supporting documentation and guidance - Damp heat tests, 09/16/2022

Fibre optics (TC 86)

86B/4628/FDIS, IEC 61300-2-43 ED3: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-43: Tests - Screen testing of return loss of single-mode PC optical fibre connectors, 08/05/2022

86B/4622(F)/FDIS, IEC 61753-053-02 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 053-02: Non-connectorized, single-mode fibre, electrically controlled, variable optical attenuator for category C - Controlled environments, 07/15/2022

86C/1798/CDV, IEC 61757-1-2 ED1: Fibre Optic Sensors - Part 1 -2: Strain measurement - Distributed sensing based on Brillouin scattering, 09/16/2022

86B/4624(F)/FDIS, IEC 62077 ED4: Fibre optic interconnecting devices and passive components - Fibre optic circulators - Generic specification, 07/22/2022

Flat Panel Display Devices (TC 110)

110/1438/CD, IEC 62595-1-2 ED3: Display lighting unit - Part 1
-2: Terminology and letter symbols, 08/19/2022

Winding wires (TC 55)

55/1923/CD, IEC 60851-3 ED4: Winding wires - Test methods -
Part 3: Mechanical properties, 09/16/2022

Insulating materials (TC 15)

15/974/CDV, IEC 60626-1 ED4: Combined flexible materials for
electrical insulation - Part 1: Definitions and general
requirements, 09/16/2022

Lamps and related equipment (TC 34)

34D/1663(F)/FDIS, IEC 60598-2-18 ED3: Luminaires - Part 2-18:
Particular requirements - Luminaires for swimming pools and
similar applications, 07/22/2022

Laser equipment (TC 76)

76/706/CDV, IEC 60601-2-57 ED2: Medical electrical equipment
- Part 2-57: Particular requirements for the basic safety and
essential performance of non-laser light source equipment
intended for therapeutic, diagnostic, monitoring and
cosmetic/aesthetic use, 09/16/2022

Magnetic alloys and steels (TC 68)

68/714/CD, IEC 60404-8-1 ED4: Magnetic materials - Part 8-1:
Specifications for individual materials - Magnetically hard
materials, 09/16/2022

Power system control and associated communications (TC 57)

57/2500(F)/FDIS, IEC 61970-302 ED2: Energy management
system application program interface (EMS-API) - Part 302:
Common information model (CIM) dynamics, 07/08/2022

Secondary cells and batteries (TC 21)

21A/801/CD, IEC 61960-4 ED2: Secondary cells and batteries
containing alkaline or other non-acid electrolytes - Secondary
lithium cells and batteries for portable applications - Part 4:
Coin secondary lithium cells, and batteries made from them,
09/16/2022

Standard voltages, current ratings and frequencies (TC 8)

8/1625/CD, IEC TR 63222-100, Power quality management -
Part 100: Impact of poor power quality on electric equipment
and power system, 08/19/2022

Superconductivity (TC 90)

90/489(F)/FDIS, IEC 61788-22-3 ED1: Superconductivity - Part
22-3: Superconducting strip photon detector - Dark count rate,
07/08/2022

(TC)

JTC1-SC41/293/CD, ISO/IEC 20924 ED3: Internet of Things (IoT)
and Digital Twin - Vocabulary, 08/19/2022



Newly Published ISO & IEC Standards

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

ISO Standards

Building construction (TC 59)

[ISO 21931-1:2022](#), Sustainability in buildings and civil engineering works - Framework for methods of assessment of the environmental, social and economic performance of construction works as a basis for sustainability assessment - Part 1: Buildings, \$225.00

Environmental management (TC 207)

[ISO 14017:2022](#), Environmental management - Requirements with guidance for verification and validation of water statements, \$225.00

Industrial automation systems and integration (TC 184)

[ISO 23218-1:2022](#), Industrial automation systems and integration - Numerical control systems for machine tools - Part 1: Requirements for numerical control systems, \$149.00

Machine tools (TC 39)

[ISO 230-12:2022](#), Test code for machine tools - Part 12: Accuracy of finished test pieces, \$200.00

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

[ISO 19901-2:2022](#), Petroleum and natural gas industries - Specific requirements for offshore structures - Part 2: Seismic design procedures and criteria, \$225.00

Optics and optical instruments (TC 172)

[ISO 8980-3:2022](#), Ophthalmic optics - Uncut finished spectacle lenses - Part 3: Transmittance specifications and test methods, \$175.00

Plain bearings (TC 123)

[ISO 20054:2022](#), Plain bearings - Bearings containing dispersed solid lubricants, \$73.00

Plastics (TC 61)

[ISO 1133-1:2022](#), Plastics - Determination of the melt mass-flow rate (MFR) and melt volume-flow rate (MVR) of thermoplastics - Part 1: Standard method, \$175.00

[ISO 16396-2:2022](#), Plastics - Polyamide (PA) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties, \$73.00

Pulleys and belts (including veebelts) (TC 41)

[ISO 7622-2:2022](#), Steel cord conveyor belts - Longitudinal traction test - Part 2: Measurement of tensile strength, \$48.00

Road vehicles (TC 22)

[ISO 15830-1:2022](#), Road vehicles - Design and performance specifications for the WorldSID 50th percentile male side-impact dummy - Part 1: Vocabulary and rationale, \$250.00

Rubber and rubber products (TC 45)

[ISO 249:2016/Amd 1:2022](#), - Amendment 1: Rubber, raw natural - Determination of dirt content - Amendment 1, \$20.00

[ISO 34-1:2022](#), Rubber, vulcanized or thermoplastic - Determination of tear strength - Part 1: Trouser, angle and crescent test pieces, \$111.00

[ISO 34-2:2022](#), Rubber, vulcanized or thermoplastic - Determination of tear strength - Part 2: Small (Delft) test pieces, \$111.00

[ISO 1431-1:2022](#), Rubber, vulcanized or thermoplastic - Resistance to ozone cracking - Part 1: Static and dynamic strain testing, \$149.00

[ISO 21869:2022](#), Rubber compounding ingredients - Magnesium oxide - Methods of test, \$149.00

Ships and marine technology (TC 8)

[ISO 24225:2022](#), Ships and marine technology - Pneumatic quick-closing control devices, \$73.00

[ISO 24319:2022](#), Ships and marine technology - Design and test requirements for small steel hatches using electrical trace heating, \$111.00

Timber structures (TC 165)

[ISO 23478:2022](#), Bamboo structures - Engineered bamboo products - Test methods for determination of physical and mechanical properties, \$175.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 9075-1:2016/Cor 1:2022](#), Corrigendum, FREE

[ISO/IEC 9075-2:2016/Cor 2:2022](#), Corrigendum, FREE

[ISO/IEC 9075-3:2016/Cor 1:2022](#), Corrigendum, FREE

[ISO/IEC 9075-4:2016/Cor 2:2022](#), Corrigendum, FREE

[ISO/IEC 9075-9:2016/Cor 2:2022](#), Corrigendum, FREE

[ISO/IEC 9075-10:2016/Cor 1:2022](#), Corrigendum, FREE

[ISO/IEC 9075-11:2016/Cor 2:2022](#), Corrigendum, FREE

[ISO/IEC 9075-13:2016/Cor 2:2022](#), Corrigendum, FREE

[ISO/IEC 9075-14:2016/Cor 2:2022](#), Corrigendum, FREE

[ISO/IEC 9075-15:2019/Cor 1:2022](#), Corrigendum, FREE

[ISO/IEC/IEEE 8802-22:2022](#), Telecommunications and information exchange between systems - Wireless Regional Area Networks (WRAN) - Specific requirements - Part 22: Cognitive Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Policies and procedures for operation in the bands that allow spectrum sharing where the communications devices may opportunistically operate in the spectrum of primary service, \$250.00

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

[IEC 60966-4-2 Ed. 1.0 b:2022](#), Radio frequency and coaxial cable assemblies - Part 4-2: Detail specification for semi rigid cable assemblies (jumper) - Frequency range up to 6000 MHz, type 50-9 semi-rigid coaxial cable, \$89.00

[IEC 60966-4-3 Ed. 1.0 b:2022](#), Radio frequency and coaxial cable assemblies - Part 4-3: Detail specification for semi-rigid cable assemblies - Frequency range up to 6 000 MHz, type 50-12 low loss semi-rigid coaxial cable, \$89.00

Electrostatics (TC 101)

[IEC 61340-2-1 Amd.1 Ed. 2.0 en:2022](#), Amendment 1 - Electrostatics - Part 2-1: Measurement methods - Ability of materials and products to dissipate static electric charge, \$25.00

[IEC 61340-2-1 Ed. 2.1 en:2022](#), Electrostatics - Part 2-1: Measurement methods - Ability of materials and products to dissipate static electric charge, \$266.00

Flat Panel Display Devices (TC 110)

[IEC 62906-5-4 Ed. 1.0 en Cor.1:2022](#), Corrigendum 1 - Laser display devices - Part 5-4: Optical measuring methods of colour speckle, \$0.00

Insulating materials (TC 15)

[IEC 60674-3-4 Ed. 2.0 b:2022](#), Plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheets 4: Polyimide films used for electrical insulation, \$89.00

Performance of household electrical appliances (TC 59)

[IEC/ASTM 62885-7 Amd.1 Ed. 1.0 b:2022](#), Amendment 1 - Surface cleaning appliances - Part 7: Dry cleaning robots for household or similar use - Methods for measuring the performance, \$25.00

[IEC/ASTM 62885-7 Ed. 1.1 b:2022](#), Surface cleaning appliances - Part 7: Dry cleaning robots for household or similar use - Methods for measuring the performance, \$569.00

Switchgear and controlgear (TC 17)

[IEC 62271-202 Ed. 3.0 b:2022](#), High-voltage switchgear and controlgear - Part 202: AC prefabricated substations for rated voltages above 1 kV and up to and including 52 kV, \$430.00

IEC Technical Reports**Capacitors and resistors for electronic equipment (TC 40)**

[IEC/TR 60286-3-4 Ed. 1.0 en Cor.1:2022](#), Corrigendum 1 - Packaging of components for automatic handling - Part 3-4: Packaging of surface mount components on continuous embossed tapes for Auto Loading Feeder, \$0.00

Standard voltages, current ratings and frequencies (TC 8)

[IEC/TR 63401-2 Ed. 1.0 en:2022](#), Dynamic characteristics of inverter-based resources in bulk power systems - Part 2: Sub- and Super-synchronous control Interactions, \$392.00

[IEC/TR 63401-4 Ed. 1.0 en:2022](#), Dynamic characteristics of inverter-based resources in bulk power systems - Part 4: Behaviour of inverter-based resources in response to bulk grid faults, \$310.00

IEC Technical Specifications

Rotating machinery (TC 2)

[IEC/TS 60034-25 Ed. 4.0 en:2022](#), Rotating electrical machines - Part 25: AC electrical machines used in power drive systems - Application guide, \$417.00

[IEC/TS 60034-25 Ed. 4.0 en:2022 CMV](#), Rotating electrical machines - Part 25: AC electrical machines used in power drive systems - Application guide, \$710.00

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 324 - Sharing Economy

Comment Deadline: July 15, 2022

ANSI directly administers the U.S. TAG Administrator for ISO/TC 324 with the support of the Organization for the Advancement of Structured Information Standards (OASIS). OASIS has advised ANSI to relinquish its role as U.S. TAG Administrator for this committee.

ISO/TC 324 operates under the following scope:

Standardization in the field of sharing economy.

Excluded: Technical aspects of information security or risk management guidelines already covered by ISO/IEC JTC 1/SC27 and ISO/TC 262, respectively.

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

Establishment of ISO Technical Committee

ISO/IEC 341 - Heat Supply Network

Comment Deadline: July 15, 2022

A new ISO Technical Committee, ISO/TC 341 – *Heat supply network*, has been formed. The Secretariat has been assigned to China (SAC).

ISO/TC 341 operates under the following scope:

Standardization in the field of HSN including design, construction, integration, control and regulation based on heating and cooling supply pipeline system.

Exclude: Standardization of heat sources and space heating systems covered by ISO/TC 11 Boilers and pressure vessels, ISO/TC 86 Refrigeration and air-conditioning, ISO/TC 163 Thermal performance and energy use in the built environment, ISO/TC 138 Plastics pipes, fittings and valves for the transport of fluids, ISO/TC 205 Building environment design, ISO/TC 267 Facility management, ISO/TC 268 Sustainable cities and communities, ISO/TC 301 Energy management and energy savings, and IEC SyC Smart Cities, IEC SyC Smart Energy.

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

International Organization for Standardization (ISO)

Establishment of ISO Technical Committee

ISO/TC 339 – Small hydropower plants

Comment Deadline: July 8, 2022

A new ISO Technical Committee, ISO/TC 339 – *Small hydropower plants*, has been formed. The Secretariat has been assigned to China (SAC).

ISO/TC 339 operates under the following scope:

Standardization in the field of small hydropower plants

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

Establishment of ISO Technical Committee

ISO/TC 340 – Natural gas fueling stations

Comment Deadline: July 8, 2022

A new ISO Technical Committee, ISO/TC 340 – *Natural gas fueling stations*, has been formed. The Secretariat has been assigned to France (AFNOR).

ISO/TC 340 operates under the following scope:

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

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

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.



**BSR/ASHRAE Addendum I
to ANSI/ASHRAE Standard 15-2019**

Fourth Public Review Draft

**Proposed Addendum I to
Standard 15-2019, Safety Standard
for Refrigeration Systems**

**Fourth Public Review (June 2022)
(Draft shows Proposed Independent Substantive
Changes to Previous Public Review Draft)**

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

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

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

BSR/ASHRAE Addendum 1 to ANSI/ASHRAE Standard 15-2019, *Safety Standard for Refrigeration Systems*
Fourth Public Review Draft (Independent Substantiative Changes)

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

FOREWORD

This proposed addendum 1 to ANSI/ASHRAE Standard 15-2019 modifies portions of the document to incorporate requirements for commercial refrigeration applications with the use of A2L, A2, and A3 refrigerants. The text developed is in response to CMP 0004-001 based on information and requirements in conjunction with proposed product safety standard UL/CSA 60335-2-89, as well as research performed in collaboration of AHRI, ASHRAE, the U.S. Department of Energy, California Energy Commission.

The proposed change in this 4th Publication Public Review (PPR) Independent Substantive Change (ISC) corrects editorial errors from the 3rd Publication Public Review. It was not the intention of the committee to delete the first three exceptions, only to add the 6th exception. Note that the 4th and 5th exceptions were included in the 1st PPR. Therefore, this 4th PPR-ISC notes the existing three exceptions, along with the intended three new exceptions to be added by Addendum 1.

Note: This public review draft of addendum 1 makes proposed independent substantiative changes to the previous public review draft. These substantive changes to the previous public review draft and related changes to Standard 15-2019 are indicated by **blue-colored text** with **double-underlining** (for additions) and **red-colored text** with **strikethrough** (for deletions), except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard shown in **blue** or **red** text 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 1 to Standard 15-2019

Modify Section 7 as follows. The remainder of Section 7 remains unchanged.

7. RESTRICTIONS ON REFRIGERANT USE

[...]

7.5.3 Higher-Flammability Refrigerants. Group A3 and B3 *refrigerants shall not* be used except where *approved* by the AHJ.

Exceptions to 7.5.3:

1. This restriction does not apply to laboratories with more than 100 ft² (9.3 m³) of space per person.
2. This restriction does not apply to industrial *occupancies*.
3. This restriction does not apply to *listed self-contained systems* containing no more than 0.331 lb (150 g) of Group A3 *refrigerant*, provided that the equipment is installed in accordance with the listing and the *manufacturer's* installation instructions.
4. This restriction does not apply to equipment *listed* to UL 60335-2-89/CSA C22.2 No. 60335-2-89 containing no more than $0.459 \times LFL$ (lb), where *LFL* is in pounds per 1000 ft³ ($13 \times LFL$ [kg], where *LFL* is in kg/m³) of Group A3 *refrigerant*, provided that the equipment is installed in accordance with the listing and the *manufacturer's* installation instructions. Refrigeration systems containing more than $0.141 \times LFL$ (lb) ($4 \times LFL$ [kg]) in an *independent circuit shall not* be installed within 20 ft of an open flame.
5. This restriction does not apply to equipment *listed* to UL 60335-2-40/CSA C22.2 No. 60335-2-40 containing no more than $0.106 \times LFL$ (lb) ($3 \times LFL$ [kg]) of Group A3 *refrigerant*, provided that the equipment is installed in accordance with the listing and the *manufacturer's* installation instructions.
6. This restriction does not apply to refrigeration systems located in machinery rooms or outdoors.

7. Heat Treatment

7.1 After hot working, forgings shall be cooled to a temperature below 1000 °F [538 °C] prior to heat treating in accordance with the requirements of Table 1.

7.2 *Low Alloy Steels and Ferritic and Martensitic Stainless Steels*—The low alloy steels and ferritic and martensitic stainless steels shall be heat treated in accordance with the requirements of 7.1 and Table 1. When more than one heat treatment option is listed for a Grade in Table 1, any one of the heat treatments listed shall be performed. The selection of the heat treatment shall be at the manufacturer's option, unless otherwise stated in the purchase order.

7.2.1 *Liquid Quenching*—Except as permitted in 7.2.2, for F 1, F 2, and F 3, and when agreed to by the purchaser, liquid quenching followed by tempering shall be permitted provided the temperatures in Table 1 for each grade are used.

7.2.1.1 *Marking*—Parts that are liquid quenched and tempered shall be marked “QT.”

7.2.2 Alternatively, Grade F 1, F 2, and F 12, Classes 1 and 2 may be given a heat treatment of 1200 °F [650 °C] minimum after final hot or cold forming.

7.3 *Austenitic and Ferritic-Austenitic Stainless Steels*—Except as permitted by 7.5, the austenitic and ferritic-austenitic stainless steels shall be heat treated and liquid-quenched in accordance with the requirements of 7.1 and Table 1.

7.3.1 Alternatively, immediately following hot working, while the temperature of the forging is not less than the minimum solution annealing temperature specified in Table 1, forgings made from austenitic grades (except grades F 304H, F 309H, F 310, F 310H, F 316H, F316Ti, F 321, F 321H, F 347, F 347H, F 348, F 348H, F 45, and F 56) may be individually rapidly quenched in accordance with the requirements of Table 1. Ferritic-austenitic grades may be solution annealed without cooling below 1000 °F by being re-heated to the solution annealing temperature required in Table 1, held for a time sufficient to dissolve phases and precipitates which may cause a reduction in corrosion or mechanical properties, and quenched in accordance with Table 1.

7.3.2 See Supplementary Requirement S8 if a particular heat treatment method is to be employed.

7.4 *Time of Heat Treatment*—Heat treatment of forgings may be performed before machining.

7.5 *Forged or Rolled Bar*—Forged or rolled austenitic stainless bar from which cylindrically shaped parts are to be machined, as permitted by 6.4, and the parts machined from such bar, without heat treatment after machining, shall be furnished to the annealing and quenching or rapid-cooling requirements of Specification A484/A484M or this specification, with subsequent light cold drawing and straightening permitted (see Supplementary Requirement S3 if annealing must be the final operation).

8. Chemical Composition

8.1 A chemical heat analysis in accordance with Specification A961/A961M shall be made and conform to the chemical composition prescribed in Table 2.

8.2 Grades to which lead, selenium, or other elements are added for the purpose of rendering the material free-machining shall not be used.

8.3 Starting material produced to a specification that specifically requires the addition of any element beyond those listed in Table 2 for the applicable grade of material is not permitted.

8.4 Steel grades covered in this specification shall not contain an unspecified element, other than nitrogen in stainless steels, for the ordered grade to the extent that the steel conforms to the requirements of another grade for which that element is a specified element having a required minimum content. For this requirement, a grade is defined as an alloy described individually and identified by its own UNS designation or Grade designation and identification symbol in Table 2.

8.5 *Product Analysis*—The purchaser may make a product analysis on products supplied to this specification in accordance with Specification A961/A961M.

9. Mechanical Properties

9.1 The material shall conform to the requirements as to mechanical properties for the grade ordered as listed in Table 3.

9.2 Mechanical test specimens shall be obtained from production forgings, or from separately forged test blanks prepared from the stock used to make the finished product. In either case, mechanical test specimens shall not be removed until after all heat treatment is complete. If repair welding is required, test specimens shall not be removed until after post-weld heat treatment is complete, except for ferritic grades when the post-weld heat treatment is conducted at least 50 °F [30 °C] below the actual tempering temperature. When test blanks are used, they shall receive approximately the same working as the finished product. The test blanks shall be heat treated with the finished product and shall approximate the maximum cross section of the forgings they represent.

9.3 For normalized and tempered, or quenched and tempered forgings, the central axis of the test specimen shall be taken at least $\frac{1}{4} T$ from the nearest surface as-heat-treated, where T is the maximum heat-treated thickness of the represented forging. In addition, for quenched and tempered forgings, the mid-length of the test specimen shall be at least T from all other surfaces as-heat-treated, exclusive of the T dimension surfaces. When the section thickness does not permit this positioning, the test specimen shall be positioned as near as possible to the prescribed location, as agreed to by the purchaser and the supplier.

9.3.1 With prior purchase approval, the test specimen for ferritic steel forgings may be taken at a depth (t) corresponding to the distance from the area of significant stress to the nearest heat-treated surface and at least twice this distance ($2 t$) from any second surface. However, the test depth shall not be nearer to one treated surface than $\frac{3}{4}$ in. [19 mm] and to the second

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Revision to NSF/ANSI 40-2020
 Issue 47 Revision 2 (June 2022)

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NSF/ANSI Standard for Wastewater Treatment Systems –

Residential Wastewater Treatment Systems

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5.8 Failure sensing and signaling equipment

5.8.1 Visual alarm test

The audible portion of the alarm shall be disabled during the visual alarm test. The visual portion of the signal shall be conspicuous from a distance of ~~15 m (49 ft)~~ **15 ± 0.3 m (49.2 ± 1.0 ft)**. There shall be a minimum of five random on/off trials of the visual alarm. The observers shall turn their backs to the alarm panels such that they cannot see the visual portion of the alarm prior to each trial during the visual alarm test. The visual alarm shall be on for a minimum of one trial and off for a minimum of one trial during the test, but the on/off condition shall otherwise be selected randomly. Observers shall face the alarm panel when requested during the test. Compliance with these requirements is demonstrated only when all observers provide the correct answer for each trial.

5.8.2 Audible alarm test

The visual alarm shall be disabled during the audible alarm test. Observers shall have their backs to the alarm during the audible testing. The audible portion of the signal shall be discernible from a distance of ~~15 m (49 ft)~~ **15 ± 0.3 m (49.2 ± 1.0 ft)** with a minimum ambient noise level of 60 dbA. When the ambient noise level is less than 60 dbA, it shall be augmented with a steady tone between 100 and 1,000 Hz. The ambient noise level shall be measured at the location where the observers will be located. The audible alarm shall be activated a minimum of three times. The observers shall record the number of times the audible alarm was heard. Compliance with these requirements is demonstrated only when all observers record the correct number of times the alarm was activated. The audible portion of the alarm shall not exceed 90 dbA at a distance of 3 m (10 ft) when measured outdoors with both the alarm panel and sound level meter located at a minimum of 7.6 m (25 ft) from any permanent structure.

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NSF/ANSI Standard
 for Wastewater Treatment Systems –

Residential Wastewater Treatment Systems – Nitrogen Reduction

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5.8 Failure sensing and signaling equipment

5.8.1 Visual alarm test

The audible portion of the alarm shall be disabled during the visual alarm test. The visual portion of the signal shall be conspicuous from a distance of ~~15.2 m (50 ft)~~ 15 ± 0.3 m (49.2 ± 1.0 ft). There shall be a minimum of five random on/off trials of the visual alarm. The observers shall turn their backs to the alarm panels such that they cannot see the visual portion of the alarm prior to each trial during the visual alarm test. The visual alarm shall be on for a minimum of one trial and off for a minimum of one trial during the test, but the on/off condition shall otherwise be selected randomly. Observers shall face the alarm panel when requested during the test. Compliance with these requirements is demonstrated only when all observers provide the correct answer for each trial.

5.8.2 Audible alarm test

The visual alarm shall be disabled during the audible alarm test. Observers shall have their backs to the alarm during the audible testing. The audible portion of the signal shall be discernible from a distance of ~~15.2 m (50 ft)~~ 15 ± 0.3 m (49.2 ± 1.0 ft) with a minimum ambient noise level of 60 dbA. When the ambient noise level is less than 60 dbA, it shall be augmented with a steady tone between 100 and 1,000 Hz. The ambient noise level shall be measured at the location where the observers will be located. The audible alarm shall be activated a minimum of three times. The observers shall record the number of times the audible alarm was heard. Compliance with these requirements is demonstrated only when all observers record the correct number of times the alarm was activated. The audible portion of the alarm shall not exceed 90 dbA at a distance of 3 m (10 ft) when measured outdoors with both the alarm panel and sound level meter located at a minimum of 7.6 m (25 ft) from any permanent structure.

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NSF/ANSI Standard
 for Wastewater Treatment Systems –

Onsite Residential and Commercial Water Reuse Treatment Systems

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5.8 Failure sensing and signaling equipment

5.8.1 Visual alarm test

The audible portion of the alarm shall be disabled during the visual alarm test. The visual portion of the signal shall be conspicuous from a distance of ~~15 m (50 ft)~~ $15 \pm 0.3 \text{ m}$ ($49.2 \pm 1.0 \text{ ft}$). There shall be a minimum of five random on/off trials of the visual alarm. The observers shall turn their backs to the alarm panels such that they cannot see the visual portion of the alarm prior to each trial during the visual alarm test. The visual alarm shall be on for a minimum of one trial and off for a minimum of one trial during the test, but the on/off condition shall otherwise be selected randomly. Observers shall face the alarm panel when requested during the test. Compliance with these requirements is demonstrated only when all observers provide the correct answer for each trial.

5.8.2 Audible alarm test

The visual alarm shall be disabled during the audible alarm test. Observers shall have their backs to the alarm during the audible testing. The audible portion of the signal shall be discernible from a distance of ~~15 m (50 ft)~~ $15 \pm 0.3 \text{ m}$ ($49.2 \pm 1.0 \text{ ft}$) with a minimum ambient noise level of 60 dbA. When the ambient noise level is less than 60 dbA, it shall be augmented with a steady tone between 100 and 1000 Hz. The ambient noise level shall be measured at the location where the observers will be located. The audible alarm shall be activated a minimum of three times. The observers shall record the number of times the audible alarm was heard. Compliance with these requirements is demonstrated only when all observers record the correct number of times the alarm was activated. The audible portion of the alarm shall not exceed 90 dbA at a distance of 3 m (10 ft) when measured outdoors with both the alarm panel and sound level meter located at a minimum of 7.6 m (25 ft) from any permanent structure.

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NSF/ANSI Standard
for Wastewater Technology –

Evaluation of Components and Devices Used in Wastewater Treatment Systems

6 Product literature

All product literature shall contain the manufacturer's name, address and phone number, and the product's model designation. Non-powered components are not required to meet requirements of section 6 that do not apply to that component. For example, Section 6.4 - Energy requirements would not apply to an effluent filter.

6.1 Installation manual

Manufacturers shall provide a manual with comprehensive and detailed installation instructions to authorized representatives. The manual shall be written so as to be easily understood by the intended reader and shall include, at a minimum:

- a numbered list of system components and an accompanying illustration, photograph, or print in which the components are respectively identified;
- design, construction, and material specifications for the system's components;
- wiring schematics for the system's electrical components;
- off-loading and unpacking instructions, including safety considerations, identification of fragile components, and measures to be taken to avoid damage to the system;
- a process overview of the function of each component and the expected function of the entire system when all components are properly assembled and connected;
- a clear definition of system installation requirements including plumbing and electrical power requirements, ventilation, air intake protection, bedding, hydrostatic displacement protection, water tightness, slope, and miscellaneous fittings and appurtenances;
- a sequential installation procedure;
- repair or replacement instructions in the event that a system possesses flaws that would inhibit proper functioning, and a list of sources where replacement components can be obtained; and
- a detailed start-up procedure.

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6.2 Operation and maintenance manual

Manufacturers shall provide a manual with comprehensive and detailed operation and maintenance instructions to authorized representatives. The manual shall be written so as to be easily understood by the intended reader and shall include, at a minimum:

- a maintenance schedule for all components; and
- a detailed procedure for visual evaluation of system component functions.

6.3 Troubleshooting and repair manual

Manufacturers shall provide a manual with comprehensive and detailed troubleshooting and repair instructions to authorized representatives. The manual shall be written so as to be easily understood by the intended reader and shall include, at a minimum:

- a guide for visually evaluating the system and narrowing the scope of the problem based on effluent characteristics, system operation, and history;
- a sequential method for isolating specific component failure; and
- a step-by-step guide for repairing or replacing all system components.

6.4 Energy requirements

The manufacturer's engineering data and literature shall specify the energy sources and requirements for proper operation of components, devices, and any auxiliary system.

6.5 Chemical requirements

The manufacturer shall make available to owners and authorized representatives Materials Safety Data Sheets (MSDS) or equivalent documentation explaining the toxicity and proper use, handling, and safety of all chemicals required for the operation of all components and devices.

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NSF/ANSI Standard
For Wastewater Technology –

Onsite Residential and Commercial Water Reuse Treatment Systems

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8 Performance testing and evaluation

The analytical methods listed in Table N-1.1 shall be used for testing. Alternate methods are permissible, provided equivalency is demonstrated by technical review and the review is documented. An equivalent method involves the same measurement technique. Equivalent methods are known to be capable of generating reliable results to equivalent quality requirements. All sample collection methods shall be in accordance with *Standard Methods*⁴ unless otherwise specified.

8.1 Greywater treatment systems with capacities up to 5,678 L/d (1,500 gal/d)

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8.1.1.8 The system shall be operated in accordance with the manufacturer's instructions. Routine service and maintenance of the system shall not be permitted during the performance testing and evaluation period. Routine refilling or topping off of disinfection device reservoirs, such as tablet or liquid chlorinators or other similar disinfection devices, is permissible once every 30 days and shall be documented in the final report.

BSR/UL 248-1, Standard for Low-Voltage Fuses – Part 1: General Requirements

1. The Proposed Fourth Edition of UL 248-1

PROPOSAL

Table 11.4
Verification of Overload Operation

Current rating I_n , A	Overload maximum clearing time (t_{max}), min			Time delay minimum clearing time (t_{min}), s	
	Test number				
	1	2	3	4	5
	Test current				
	$1.35 I_n$	$1.5 I_n$	$2.0 I_n$	$2.0 I_n$	$5.0 I_n$
0 – 30	60	-	4	12	10
31 – 60	60	-	6	12	10
61 – 100	120	-	8	-	10
101 – 200	120	-	10	-	10
201 – 400	120	-	12	-	10
401 – 600	120	-	14	-	10
601 – 800	-	240	-	-	-
801 – 1200	-	240	-	-	-
1201 – 1600	-	240	-	-	-
1601 – 2000	-	240	-	-	-
2001 – 2500	-	240	-	-	-
2501 – 3000	-	240	-	-	-
3001 – 4000	-	240	-	-	-
4001 – 5000	-	240	-	-	-
5001 – 6000	-	240	-	-	-

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BSR/UL 407, Standard for Safety for *Manifolds for Compressed Gases*

The following is being recirculated:

- 1. Revisions to new joint standard, UL/ULC 407, Standard for Manifolds for Compressed Gases**

PROPOSAL

CONSTRUCTION

4 General

4.5 Manifolds designed for acetylene, fuel gases other than acetylene, and those designed for nonflammable medical gases, shall be provided with a back-flow check valve between each cylinder and the header, coupler block, or coupler tee to prevent the loss of gas from a bank of connected cylinders if for any reason the pressure-relief device of an individual cylinder should activate and open or a lead is severed. This check valve shall be located in the cylinder lead connecting fitting on the header or coupler block, or in the manifold end of the lead. Where portable manifolds are provided with coupler tees, the check valve shall be located in that portion of the tee connected to the shutoff valve of the cylinder.

4.13 A decomposition flash arrester designed for use with high-pressure acetylene shall be installed between each cylinder and the manifold and shall comply with the requirements in the following standards as applicable:

- a) For CE Code-based installations, ISO 5175-1; and
- b) For NEC-based installations, UL 1357.

4.14 Metal parts in contact with oxygen shall be stainless steel or nonferrous metal. Aluminum or aluminum alloys shall not be used for parts in contact with oxygen or oxygen enriched gases, where the percentage of oxygen exceeds 21 % by volume, on manifolds intended to reduce a pressure greater than 435 psig (3000 kPa) to the use pressure.

4.18 Manifolds for nonflammable medical gases service shall be of the stationary multiple header type designed for connection of two primary supply cylinders and secondary supply cylinders.

4.19 Manifolds for nonflammable medical gases shall have a manually operated shutoff valve installed on the high-pressure side of each compressed-gas regulator.

10 LP-Gas Regulators

10.1 LP-Gas regulators shall comply with ANSI/CAN/UL 144, where applicable.

11 Regulators

11.1 Regulators shall comply with the requirements in ANSI/CAN/UL/ULC 252, where applicable.

PERFORMANCE

17.3 Acetylene back-pressure seal assembly

17.3.6 A mechanical relief valve set to start to discharge at a pressure of not more than 21 psig (144.8 kPa), shall be provided on each back-pressure seal assembly. This relief shall be designed for mechanical self-opening and for connection of vent piping at the installation.

17.5 Manifolds for fuel gases other than acetylene

17.5.2 All other components of the manifold that are subjected to pressure during intended use shall withstand, without rupture, a hydrostatic pressure of five times the rated pressure. The samples shall be tested in the open position and the outlets shall be sealed. Permanent deformation is acceptable.

17.6 Manifolds for nonflammable medical gases, nitrogen, carbon dioxide, air, and inert gases

17.6.2 All other components of the manifold that are subjected to pressure during intended use shall withstand, without rupture, a hydrostatic pressure of five times the rated pressure. The samples shall be tested in the open position and the outlets shall be sealed. Permanent deformation is acceptable.

26 Low Temperature Test

26.2 Three samples, together with a steel mandrel having a diameter of 6.4 mm (0.25 in) shall be placed for 24 h in a cold chamber at a temperature of -40 ± 1 °C (-40 ± 2 °F). While still at the temperature of the cold chamber, each sample shall be bent around the mandrel until the segments of the sample touch. The operator shall wear gloves while handling the samples and the mandrel to reduce heat transfer to the samples.

27 Hydrogen Low Temperature Test

27.1 An elastomeric part for hydrogen use shall not show any cracking or other damage after being tested as described in 27.2.

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BSR/UL 746B, Standard for Safety for Polymeric Materials – Long Term Property Evaluations**1. Revision of Requirements for Thermal Aging in Paragraph 16.3****PROPOSAL**

16.3 Specimens of unaged set(s) are to be pre-conditioned for ~~a minimum of 48~~ ±8 hours at the lowest aging temperature used at the beginning of the program for ~~each specific~~ the corresponding property evaluated_i to eliminate any short-term thermal effects.

NOTE: For example, if the T₄ oven temperature for Electrical Property and Impact property at the beginning of the program is determined to be 140°C (284°F) and 120°C (248°F) respectively, then the unaged set for Electrical and Impact Property evaluation shall be pre-conditioned at 140°C and 120°C respectively.

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