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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.

AAFS (American Academy of Forensic Sciences)

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New Standard

BSR/ASB Std 202-202x, Standard for Interactions Between Medicolegal Death Investigation Authorities and Organ and Tissue Procurement Organizations and Eye Banks (new standard)

Stakeholders: Medical Examiner, Coroner and all other Medicolegal Death Investigation agencies, and organ, eye, and tissue procurement and processing agencies, forensic pathologists, legal community, family and associates of decedents, individuals awaiting transplant

Project Need: This standard addresses relationships and communication among Medical Examiner, Coroner and all other Medicolegal Death Investigation agencies, and organ, eye, and tissue procurement and processing agencies to improve processes and enhance mutual understanding around organ, eye and tissue donation. The following communication standard was developed to preserve the integrity of medicolegal death investigations, while balancing the needs of organ, eye, and tissue procurement and processing agencies, whi...

Interest Categories: Academics and Researchers, Jurisprudence and Criminal Justice, Producer, User - Government, User - Non-Government

This standard defines a framework for relationships and communication between medicolegal death investigation authorities and organ, eye, and tissue procurement organizations. This document does not specifically address donation in the context of a mass fatality event.

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

Carmen King <cking@ashrae.org> | 180 Technology Parkway | Peachtree Corners, GA 30092 www.ashrae.org

Addenda

BSR/ASHRAE Standard 41.2a-202x, Standard Methods for Air Velocity and Airflow Measurement - Addendum a (addenda to ANSI/ASHRAE Standard 41.2-2022)

Stakeholders: Consumers

Project Need: This addendum updates sections of the current standard.

Interest Categories: HVAC&R equipment manufacturers and independent HVAC&R test laboratories.

The purposes of 41.2-2022 Addendum a are (a) to update the test plan to include pre-test and post-test uncertainty, (b) to update the steady-state criteria sections, and (c) to add an airflow mixing section.

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

Carmen King <cking@ashrae.org> | 180 Technology Parkway | Peachtree Corners, GA 30092 www.ashrae.org

Addenda

BSR/ASHRAE Standard 41.2b-202x, Standard Methods for Air Velocity and Airflow Measurement - Addendum b (addenda to ANSI/ASHRAE Standard 41.2-2022)

Stakeholders: Consumers

Project Need: This addendum updates sections of the published standard.

Interest Categories: HVAC&R equipment manufacturers and independent HVAC&R test laboratories.

The purpose of 41.2-2022 Addendum b is to correct and clarify the method for determining the inlet air density for single- and multiple-nozzle chambers.

ASTM (ASTM International)

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

Revision

BSR/ASTM E970-202x, Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Source (revision of ANSI/ASTM E970-2017)

Stakeholders: Surface Burning Industry

Project Need: This test method is not applicable to those insulations that melt or shrink away when exposed to the radiant heat energy environment or the pilot burner.

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

This fire-test-response standard describes a procedure for measuring the critical radiant flux of exposed attic floor insulation subjected to a flaming ignition source in a graded radiant heat energy environment in a test chamber. The specimen is any attic floor insulation.

ASTM (ASTM International)

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Revision

BSR/ASTM E2889-202x, Practice for Control of Respiratory Hazards in the Metal Removal Fluid Environment (revision of ANSI/ASTM E2889-2012 (R2017))

Stakeholders: Health and Safety Standards for Metal Working Fluids Industry

Project Need: This practice focuses on employee exposure via inhalation of metal removal fluids and associated airborne agents.

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

This practice sets forth guidelines to control respiratory hazards in the metal removal environment.

CSA (CSA America Standards Inc.)

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New Standard

BSR/CSA B107-202x, Enclosed Hydrogen Equipment - Safety (new standard)

Stakeholders: Manufacturers of hydrogen equipment which is installed in an equipment enclosures.

Project Need: To support innovation and deployment within the hydrogen industry by providing requirements for the safe construction of hydrogen equipment that is installed in an equipment enclosure.

Interest Categories: Manufacturers of hydrogen equipment which is installed in an equipment enclosures.

This standard applies to assemblies of hydrogen equipment integrated into an enclosure such as a freight container or custom enclosure. It applies to enclosures with a minimum of 7.4m² (80ft²) floor area & up to 41.8m² (450ft²) floor area. The floor area of the EHE is considered to be calculated from the outer most walls of the EHE regardless if the EHE contains internal compartments. It applies to enclosed hydrogen equipment intended for stationary outdoor installation. It primarily addresses the safety requirements related to hydrogen & its use inside an enclosure. It does not apply to products covered by one of the following product safety standards: CSA/ANSI FC 1*CSA C22.2 No. 62282 -3-100; ANSI/CSA America FC 3 CSA/ANSI FC 6 or CAN/CSA C22.2 No. 62282-2; CSA/ANSI B22734; & CSA/ANSI HGV 5.2 or CSA IR 3-18. It also does not apply to: gas cabinets that are installed in accordance with & comply with the requirements of NFPA 2 Section 6.19; exhausted enclosures that are installed in accordance & comply with the requirements of NFPA 2 Section 6.20; unenclosed hydrogen equipment installed in a room or building; or hydrogen equipment placed in shipping containers or custom enclosures solely for the purpose of transportation or temporary storage.

HPS (ASC N43) (Health Physics Society)

Amy Wride-Graney <awride-graney@burkinc.com> | 950 Herndon Parkway, Suite 450 | Herndon, VA 20170 www.hps.org

Revision

BSR N43.5-202x, Radiological Safety Standard for the Design of Radiographic and Radioscopic Non-Medical X-Ray Equipment Below 1 MeV (revision of ANSI N43.5-2013)

Stakeholders: Manufacturers who design and build these devices, radiation safety professionals

Project Need: This standard provides guidelines specific to the radiation safety aspects of the design of non-medical x-ray equipment operating at energies below 1 MeV for radiographic and radiosopic applications, wherein the x-rays are generated by electronic means. It does not apply to x-ray equipment used for industrial gauging applications. The objective is to achieve safe design of nonmedical x-ray equipment by establishing requirements for some components that are critical for radiation safety. These include controls, panel displays, warning indicators, tube assembly, and shielding. Other considerations, which are generally the responsibility of the manufacturer, are also included. These include instructions, provisions for means of connecting interlocks, and labeling.

Interest Categories: Interest Categories: G=Government/Regulatory (6) M=Military (4) P=Professional Society (3) I=Industry/User (3) GI=General Interest/Individual (7)

This standard provides guidelines specific to the radiation safety aspects of the design of non-medical x-ray equipment operating at energies below 1 MeV for radiographic and radiosopic applications, wherein the x-rays are generated by electronic means. It does not apply to x-ray equipment used for industrial gauging applications. It does not include safety guidelines or considerations outside the realm of radiation safety.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 3-202x, Standard for Commissioning of Fire Protection and Life Safety Systems (revision of ANSI/NFPA 3-2024)

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/tclass> for more information about our classifications

1.1 Scope. This standard shall provide the required procedures, methods, and documentation for the commissioning of active and passive fire protection and life safety systems and their interconnections with other building systems.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 17-202x, Standard for Dry Chemical Extinguishing Systems (revision of ANSI/NFPA 17-2024)

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/tclass> for more information about our classifications

1.1 Scope. This standard includes minimum requirements for dry chemical fire-extinguishing systems that discharge dry chemical from fixed nozzles or hand hose lines by means of expellant gas.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 17A-202x, Standard for Wet Chemical Extinguishing Systems (revision of ANSI/NFPA 17A-2024)

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/tclass> for more information about our classifications

1.1 Scope. The provisions of this standard apply to the design, installation, operation, testing, and maintenance of pre-engineered wet chemical fire-extinguishing systems that discharge wet chemical from fixed nozzles and piping by means of expellant gas. It contains only the essential requirements and recommendations needed to make the standard workable in the hands of those skilled in this field.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 30-202x, Flammable and Combustible Liquids Code (revision of ANSI/NFPA 30-2024)

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

1.1 Scope. 1.1.1* This code shall apply to the storage, handling, and use of ignitable (flammable or combustible) liquids, including waste liquids, as herein defined and classified.

1.1.2 This code shall not apply to the following:

- (1)* Any liquid that has a melting point of 100°F (37.8°C) or greater
- (2)* Any liquid that does not meet the criteria for fluidity given in the definition of liquid in Chapter 3 and in the provisions of Chapter 4
- (3) Any cryogenic fluid or liquefied gas, as defined in Chapter 3
- (4)* Any liquid that does not have a flash point, but which is capable of burning under certain conditions
- (5)* Any aerosol product
- (6) Any mist, spray, or foam
- (7)* Transportation of ignitable (flammable or combustible) liquids as governed by the US Department of Transportation
- (8)* Use of alcohol-based-hand-rub (ABHR) dispensers that comply with the applicable provisions of NFPA 101 or the adopted fire code for ABHR dispensers
- (9) Liquids in the fuel tanks of motor vehicles, aircraft, boats, or portable or stationary engines
- (10) Liquids that...

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 51B-202x, Standard for Fire Prevention During Welding, Cutting, and Other Hot Work (revision of ANSI/NFPA 51B-2024)

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

1.1 Scope. 1.1.1* This standard shall cover provisions to prevent injury, loss of life, and loss of property from fire or explosion as a result of hot work. 1.1.2 Installation and operation of arc cutting and welding equipment and operation of gas cutting and welding equipment shall be in accordance with ANSI Z49.1, Safety in Welding, Cutting, and Allied Processes.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 70E®-202x, Standard for Electrical Safety in the Workplace® (revision of ANSI/NFPA 70E®-2024)

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

(A) Workplaces Covered.

This standard addresses electrical safety-related work practices, safety-related maintenance requirements, and other administrative controls for employee workplaces that are necessary for the practical safeguarding of employees relative to the hazards associated with electrical energy during activities such as the installation, removal, inspection, operation, maintenance, and demolition of electric conductors, electric equipment, signaling and communications conductors and equipment, and raceways. This standard also includes safe work practices for employees performing other work activities that can expose them to electrical hazards as well as safe work practices for the following:

- (1) Installation of conductors and equipment that connect to the supply of electricity
- (2) Installations used by the electric utility, such as office buildings, warehouses, garages, machine shops, and recreational buildings that are not an integral part of a generating plant, substation, or control center....

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 77-202x, Recommended Practice on Static Electricity (revision of ANSI/NFPA 77-2024)

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

1.1 Scope. 1.1.1 This recommended practice applies to the identification, assessment, and control of static electricity for purposes of preventing fires and explosions. 1.1.2* This recommended practice does not apply directly to shock hazards from static electricity. However, application of the principles set forth in this recommended practice can reduce such shock hazards to personnel. 1.1.3 Reserved. 1.1.4* This recommended practice does not apply to lightning. 1.1.5* This recommended practice does not apply to stray electrical currents or to induced currents from radio frequency (RF) energy. 1.1.6* This recommended practice does not apply to fueling of motor vehicles, marine craft, or aircraft. 1.1.7* This recommended practice does not apply to cleanrooms. 1.1.8 This recommended practice does not apply to control of static electricity and its hazards as they might affect electronic components or circuits, which have their own requirements.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 78-202x, Guide on Electrical Inspections (revision of ANSI/NFPA 78-2024)

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

1.1 Scope. This document covers the minimum criteria for aiding in organizing and conducting electrical inspections, including administration, plans review, and field inspection, for new electrical installations, modifications, and maintenance to existing electrical installations in accordance with AHJ requirements.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 90A-202x, Standard for the Installation of Air-Conditioning and Ventilating Systems (revision of ANSI/NFPA 90A-2024)

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

1.1* Scope. This standard shall cover construction, installation, operation, and maintenance of systems for air conditioning and ventilating, including filters, ducts, and related equipment, to protect life and property from fire, smoke, and gases resulting from fire or from conditions having manifestations similar to fire.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 90B-202x, Standard for the Installation of Warm Air Heating and Air-Conditioning Systems (revision of ANSI/NFPA 90B-2024)

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

1.1* Scope. This standard shall cover construction, installation, operation, and maintenance of systems for warm air heating and air conditioning, including filters, ducts, and related equipment to protect life and property from fire, smoke, and gases resulting from fire or from conditions having manifestations similar to fire.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 96-202x, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations (revision of ANSI/NFPA 96-2024)

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/tclass> for more information about our classifications

1.1 Scope. 1.1.1* This standard shall provide the minimum fire safety requirements (preventative and operative) related to the design, installation, operation, inspection, and maintenance of all public and private cooking operations. 1.1.2 This standard shall apply to residential cooking equipment used for commercial cooking operations. 1.1.3* Cooking equipment used in fixed, mobile, or temporary concessions, such as trucks, buses, trailers, pavilions, tents, or any form of roofed enclosure, shall comply with this standard. 1.1.4 This standard shall not apply to cooking equipment located in a single dwelling unit. 1.1.5* This standard shall not apply to facilities where all of the following are met:

- (1) Only residential equipment is used.
- (2) Fire extinguishers are located in all kitchen areas in accordance with NFPA 10.
- (3) The facility is not an assembly occupancy.
- (4) The authority having jurisdiction has approved the installation.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 99B-202x, Standard for Hypobaric Facilities (revision of ANSI/NFPA 99B-2024)

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/tclass> for more information about our classifications

1.1 Scope. 1.1.1* This standard shall apply to all hypobaric facilities in which humans will be occupants or are intended to be occupants of the hypobaric chamber. 1.1.2 This standard shall not apply to hypobaric facilities used for animal experimentation if the size of the hypobaric chamber does not allow for human occupancy.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 220-202x, Standard on Types of Building Construction (revision of ANSI/NFPA 220-2024)

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/tclass> for more information about our classifications

1.1* Scope. This standard defines types of building construction based on the combustibility and the fire resistance rating of a building's structural elements. Fire walls, nonbearing exterior walls, nonbearing interior partitions, fire barrier walls, shaft enclosures, and openings in walls, partitions, floors, and roofs are not related to the types of building construction and are regulated by other standards and codes, where appropriate.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 221-202x, Standard for High Challenge Fire Walls, Fire Walls, and Fire Barrier Walls (revision of ANSI/NFPA 221-2024)

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/tclass> for more information about our classifications

1.1 Scope. This standard specifies requirements for the design and construction of high challenge fire walls, fire walls, and fire barrier walls including protection of openings and penetrations.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 306-202x, Standard for the Control of Gas Hazards on Vessels (revision of ANSI/NFPA 306-2024)

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/tclass> for more information about our classifications

1.1 Scope. 1.1.1 This standard applies to vessels that carry or burn as fuel, flammable or combustible liquids, flammable compressed gases, flammable cryogenic liquids, chemicals in bulk, or other products capable of creating a hazardous condition. 1.1.2 This standard applies to vessels while in the United States, including its territories and possessions, both within and outside of yards and waterfront facilities for ship construction, ship alteration, ship repair, or shipbreaking. 1.1.3 This standard describes the conditions and procedures for determining such conditions required before a space can be entered or before work can be started, continued, or started and continued on any vessel under construction, alteration, or repair, or on any vessel awaiting shipbreaking. 1.1.4 This standard applies specifically to those spaces and the associated pipelines on vessels that are subject to concentrations of combustible, flammable, and toxic liquids, vapors, gases, and chemicals as herein described.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 326-202x, Standard for the Safeguarding of Tanks and Containers for Entry, Cleaning, or Repair (revision of ANSI/NFPA 326-2020)

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/tclass> for more information about our classifications

1.1 Scope. 1.1.1* This standard shall apply to the safeguarding of tanks or containers operating at nominal atmospheric pressure that contain or have contained flammable or combustible liquids or other hazardous substances and related vapors or residues. A.1.1.1 The procedures in this standard can also apply to pressurized tanks or pressurized containers that have been taken out of service and have had their operating pressure reduced to atmospheric pressure and are vented to atmosphere. 1.1.2* This standard shall not apply to tank vehicles or tank cars; tanks, bunkers, or compartments on ships or barges or in a shipyard; gas plant equipment or gas distribution systems for natural or manufactured gas; or compressed or liquefied gas cylinders. A.1.1.2 Procedures for making some of the tanks and containers listed in 1.1.2 safe are covered separately in the following publications: (1) AGA, Purging Principles and Practices; (2) ANSI Z117.1, standard Safety Requirements for Confined Spaces; (3) API 1631, Interior Lining and Periodic Inspection of Underground Storage Tanks; (4) API 2009, Safe Welding, Cutting, and Hot Work Practices in the Petroleum and Petrochemical Industries; (5) API 2015, Requirements for Safe Entry and Cleaning of Petroleum Storage Tanks; (6) API 2016, Guidelines...

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 329-202x, Recommended Practice for Handling Releases of Flammable and Combustible Liquids and Gases (revision of ANSI/NFPA 329-2020)

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/tclass> for more information about our classifications

1.1 Scope. 1.1.1 This recommended practice provides methods for responding to fire and explosion hazards resulting from the release of a flammable or combustible liquid, gas, or vapor that can migrate to a subsurface structure. 1.1.2 Although this recommended practice is intended to address only fire and explosion hazards, other authorities should be consulted regarding the environmental and health impacts and other hazardous conditions of such releases. 1.1.3 This recommended practice outlines options for detecting and investigating the source of a release, for mitigating the fire and explosion hazards resulting from the release, and for tracing the release back to its source. 1.1.4 The options outlined in this recommended practice are not intended to be, nor should they be considered to be, all inclusive or mandatory in any given situation. If better or more appropriate alternative methods are available, they should be used. 1.1.5* The procedures outlined in this recommended practice can apply to hazardous substances other than flammable and combustible liquids that might have adverse human health effects. However, the physical characteristics of the specific hazardous substance released must be understood before any action is taken. (See also 1.1.2.) A.1.1.5 Guidance...

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 496-202x, Standard for Purged and Pressurized Enclosures for Electrical Equipment (revision of ANSI/NFPA 496-2024)

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/tclass> for more information about our classifications

1.1 Scope. 1.1.1 This standard applies to purging and pressurizing for the following:

- (1) Electrical equipment located in areas classified as hazardous by Article 500 or Article 505 of NFPA 70®
- (2) Electrical equipment containing sources of flammable vapors or gases and located in either classified or unclassified areas
- (3) Control rooms or buildings located in areas classified as hazardous by Article 500 or Article 505 of NFPA 70
- (4) Analyzer rooms containing sources of flammable vapors or gases and located in areas classified as hazardous by Article 500 or Article 505 of NFPA 70

1.1.2* This standard does not apply to electrical equipment located in any of the following:

- (1) Areas classified as Zone 0
- (2) Areas classified as Class III
- (3) Areas where flammable liquids might be splashed or spilled on the electrical equipment

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 497-202x, Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas (revision of ANSI/NFPA 497-2024)

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/tclass> for more information about our classifications

1.1 Scope. 1.1.1 This recommended practice applies to those locations where flammable gases or vapors, flammable liquids, or combustible liquids are processed or handled; and where their release into the atmosphere could result in their ignition by electrical systems or equipment. 1.1.2 This recommended practice provides information on specific flammable gases and vapors, flammable liquids, and combustible liquids whose relevant combustion properties have been sufficiently identified to allow their classification into the groups established by NFPA 70 (NEC), for proper selection of electrical equipment in hazardous (classified) locations. The tables of selected combustible materials contained in this document are not intended to be all-inclusive. 1.1.3 This recommended practice applies to chemical process areas. As used in this document, a chemical process area could be a large, integrated chemical process plant or it could be a part of such a plant. It could be a part of a manufacturing facility where flammable gases or vapors, flammable liquids, or combustible liquids are produced or used in chemical reactions, or are handled or used in certain unit operations such as mixing, filtration, coating, spraying, and distillation...

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 499-202x, Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas (revision of ANSI/NFPA 499-2024)

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/tclass> for more information about our classifications

1.1 Scope. 1.1.1* This recommended practice provides information on the classification of combustible dusts and of hazardous (classified) locations for electrical installations in chemical process areas and other areas where combustible dusts are produced or handled. 1.1.2 This recommended practice provides information on combustible dusts as it relates to the proper selection of electrical equipment in hazardous (classified) locations in accordance with NFPA 70®. 1.1.3 The tables of selected combustible dusts contained in this document are not intended to be all-inclusive.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 556-202x, Guide on Methods for Evaluating Fire Hazard to Occupants of Passenger Road Vehicles (revision of ANSI/NFPA 556-2024)

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/tclass> for more information about our classifications

1.1 Scope. 1.1.1 This document addresses issues associated with the development of hazardous conditions from fire involving passenger road vehicles and the time available for safe egress or rescue. 1.1.2 This document provides guidance toward a systematic approach of the determination of the relationship between the properties of passenger road vehicles, including the materials, components and systems, and the development of hazardous conditions in the vehicle. This approach can include small-scale testing, full-scale testing of systems or entire vehicles, and computer modeling techniques in specified, well-defined scenarios. 1.1.3

The principles and concepts presented in this document provide a methodology that can be used to determine the effects of changes in design or in the properties of materials, components, and assemblies in passenger road vehicles on the development of hazardous fire conditions in passenger road vehicles in response to specified well-defined scenarios.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 703-202x, Standard for Fire-Retardant-Treated Wood and Fire-Retardant Coatings for Building Materials (revision of ANSI/NFPA 703-2024)

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

1.1* Scope. This standard provides criteria for defining and identifying fire-retardant-treated wood and fire-retardant-coated building materials.

1.2 Purpose. (Reserved)

1.3 Application. (Reserved)

1.4 Retroactivity. Unless otherwise specified, the provisions of this standard shall not apply to facilities, equipment, structures, or installations that existed or were approved for construction or installation prior to the effective date of the standard. Where specified, the provisions of this standard shall be retroactive.

1.5 Equivalency.

1.5.1 Nothing in this standard is intended to prevent the use of systems, methods, or devices of equivalent or superior quality, strength, fire resistance, effectiveness, durability, and safety over those prescribed by this standard.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 820-202x, Standard for Fire Protection in Wastewater Treatment and Collection Facilities (revision of ANSI/NFPA 820-2024)

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/tclass> for more information about our classifications

1.1 Scope. 1.1.1* General. This standard shall establish minimum requirements for protection against fire and explosion hazards in wastewater treatment plants and associated collection systems, including the hazard classification of specific locations and processes. 1.1.2 This standard shall apply to the following:

- (1) Collection sewers
- (2) Trunk sewers
- (3) Intercepting sewers
- (4) Combined sewers
- (5) Storm sewers
- (6) Pumping stations
- (7)*Wastewater treatment plants
- (8) Sludge-handling facilities
- (9) Chemical-handling facilities
- (10) Treatment facilities
- (11) Ancillary structures (see 3.3.60.1)

1.1.3 This standard shall not apply to the following:

- (1) On-site treatment systems (see 3.3.44)
- (2) Building drain systems and appurtenances (see 3.3.6)
- (3) Industrial sewer systems and appurtenances (see 3.3.54.5)
- (4) Personnel safety from toxic and hazardous materials or products of combustion
- (5) Separate nonprocess-related structures (see 3.3.60.2)

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 1078-202x, Standard for Electrical Inspector Professional Qualifications (revision of ANSI/NFPA 1078-2024)

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/tclass> for more information about our classifications

1.1* Scope. This standard identifies the minimum job performance requirements (JPRs) for electrical inspectors. A.1.1 In developing this standard, the technical committee considered the various roles and duties of local, county, state, provincial, federal, and private sector electrical inspectors and plans reviewers. The committee was also aware that many times the electrical inspector is the only person in the organization and might be performing the specific requirements held by others in larger organizations.

Call for Comment on Standards Proposals

American National Standards

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

Comment Deadline: October 8, 2023

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/IES Addendum b to ANSI/ASHRAE/IES Standard 202-2018, Commissioning Process for New Buildings and New Systems (addenda to ANSI/ASHRAE/IES Standard 202-2018)

This proposed addendum adds requirements for what must be provided by the commissioning process provider for Owner review and acceptance in initiating the commissioning process.

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

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

NSF (NSF International)

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

Revision

BSR/NSF 14-202x (i130r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2022)

The physical, performance, and health effects requirements in this standard apply to thermoplastic and thermoset plastic piping system components including, but not limited to, pipes, fittings, valves, joining materials, gaskets, and appurtenances.

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

Send comments (copy psa@ansi.org) to: Jason Snider <jsnider@nsf.org>

Comment Deadline: October 8, 2023

NSF (NSF International)

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

Revision

BSR/NSF 14-202x (i131r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2022)

The physical, performance, and health effects requirements in this standard apply to thermoplastic and thermoset plastic piping system components including, but not limited to, pipes, fittings, valves, joining materials, gaskets, and appurtenances.

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

Send comments (copy psa@ansi.org) to: Jason Snider <jsnider@nsf.org>

NSF (NSF International)

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

Revision

BSR/NSF 49-202x (i182r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2022)

This standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to Biosafety Levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this standard.

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

Send comments (copy psa@ansi.org) to: Allan Rose <arose@nsf.org>

Comment Deadline: October 23, 2023

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

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

Revision

BSR/AHRI Standard 1330 (SI)-202x, Performance Rating for Radiant Output of Gas Fired Infrared Heaters (revision of ANSI/AHRI Standard 1330-2015)

The purpose of this standard is to establish for infrared heaters: definitions; test requirements; rating requirements; nomenclature; minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions. This standard will be revised for alignment with the current editions of prEN 416 and 419 standards.

Single copy price: Free

Obtain an electronic copy from: <https://connect.ahrinet.org/standards-public-review/stdsunderpublicreview>

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

Comment Deadline: October 23, 2023

APTech (ASC CGATS) (Association for Print Technologies)

450 10th Circle N, Nashville, TN 37203 | dorf@aptech.org, www.printtechnologies.org□

National Adoption

BSR/CGATS/ISO 12646-202x, Graphic technology - Displays for colour proofing - Characteristics (identical national adoption of ISO 12646:2015 and revision of ANSI/CGATS/ISO 12646-2017)

This International Standard specifies requirements for two conformance levels for the characteristics of displays to be used for soft proofing of colour images. Included are requirements for uniformity and variations of electro-optical properties with viewing direction for different driving signals.

Single copy price: \$68.00

Obtain an electronic copy from: dorf@aptech.org

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

ASABE (American Society of Agricultural and Biological Engineers)

2590 Niles Road, Saint Joseph, MI 49085 | stell@asabe.org, <https://www.asabe.org/>

Reaffirmation

BSR/ASABE AD26322-1:2008 NOV16 (R202x), Tractors for agriculture and forestry - Safety - Part 1: Standard tractors (reaffirmation of ANSI/ASABE AD26322-1:2008 NOV16 (R2020))

Specifies general safety requirements and their verification for the design and construction of standard tractors used in agriculture and forestry. These tractors have at least two axles for pneumatic-tyred wheels, with the smallest track gauge of the rear axle exceeding 1 150 mm, or tracks instead of wheels, with their unballasted tractor mass being greater than 600 kg. NOTE: Tractors having an unballasted mass not greater than 600 kg and a smallest adjustable track gauge of the axle bearing the larger tyres of $\leq 1\ 150$ mm are dealt with in ANSI/ASABE AD26322-2:2010. In addition, specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer, as well as technical means for improving the degree of personal safety of the operator and others involved in a tractor's normal operation, maintenance and use. It is not applicable to vibration or braking.

Single copy price: \$78.00

Obtain an electronic copy from: stell@asabe.org

Send comments (copy psa@ansi.org) to: Sadie Stell, stell@asabe.org

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/IES Addendum e to ANSI/ASHRAE/IES Standard 202-2018, Commissioning Process for New Buildings and New Systems (addenda to ANSI/ASHRAE/IES Standard 202-2018)

This proposed addendum clarifies the distinction between a preliminary Cx Report and a final Cx Report. The addendum also distinguishes Cx Progress reports as a separate set of documents; these do not have to be combined to provide the final Cx report, they can be entirely separate documents.

Single copy price: \$35.00

Obtain an electronic copy from: <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>

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

Comment Deadline: October 23, 2023

ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM E2768-2011 (R202x), Test Method for Extended Duration Surface Burning Characteristics of Building Materials (30 min Tunnel Test) (reaffirmation of ANSI/ASTM E2768-2011 (R2018))

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

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

ASTM (ASTM International)

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

Revision

BSR/ASTM D6792-202x, Practice for Quality Management Systems in Petroleum Products, Liquid Fuels, and Lubricants Testing Laboratories (revision of ANSI/ASTM D6792-2022A)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

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ASTM (ASTM International)

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Revision

BSR/ASTM E84-202x, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2023a)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

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ASTM (ASTM International)

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Revision

BSR/ASTM E119-202x, Test Methods for Fire Tests of Building Construction and Materials (revision of ANSI/ASTM E119-2022)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

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Comment Deadline: October 23, 2023

ASTM (ASTM International)

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

Revision

BSR/ASTM E136-202x, Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750C (revision of ANSI/ASTM E136-2022)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

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ASTM (ASTM International)

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Revision

BSR/ASTM E1725-202x, Test Methods for Fire Tests of Fire-Resistive Barrier Systems for Electrical System Components (revision of ANSI/ASTM E1725-2019)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

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Revision

BSR/ASTM E1732-202x, Terminology Relating to Forensic Science (revision of ANSI/ASTM E1732-2019)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

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Revision

BSR/ASTM E2226-202x, Practice for Application of Hose Stream (revision of ANSI/ASTM E2226-2015 (R2019))

<https://www.astm.org/get-involved/technical-committees/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 E2307-202x, Test Method for Determining Fire Resistance of Perimeter Fire Barriers Using Intermediate-Scale, Multi-story Test Apparatus (revision of ANSI/ASTM E2307-2023A)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

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Comment Deadline: October 23, 2023

ASTM (ASTM International)

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

Revision

BSR/ASTM E2563-202x, Practice for Enumeration of Non-Tuberculosis Mycobacteria in Aqueous Metalworking Fluids by Plate Count Method (revision of ANSI/ASTM E2563-2018)

<https://www.astm.org/get-involved/technical-committees/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 E2564-202x, Practice for Enumeration of Mycobacteria in Metalworking Fluids by Direct Microscopic Counting (DMC) Method (revision of ANSI/ASTM E2564-2018)

<https://www.astm.org/get-involved/technical-committees/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 E2573-202x, Practice for Specimen Preparation and Mounting of Site-Fabricated Stretch Systems to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2573-2019)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

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

ASTM (ASTM International)

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

Revision

BSR/ASTM E2579-202x, Practice for Specimen Preparation and Mounting of Wood Products to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2579-2023A)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

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Comment Deadline: October 23, 2023

ASTM (ASTM International)

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

Revision

BSR/ASTM E2688-202x, Practice for Specimen Preparation and Mounting of Tapes to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2688-2018)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

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

Revision

BSR/ASTM E2749-202x, Practice for Measuring the Uniformity of Furnace Exposure on Test Specimens (revision of ANSI/ASTM E2749-2010 (R2019))

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

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

Revision

BSR/ASTM E3202-202x, Practice for Specimen Preparation and Mounting of Plastic Composites for Use as Deck Boards, Stair Treads, Guards or Handrails to Assess Surface Burning Characteristics (revision of ANSI/ASTM E3202-2019)

<https://www.astm.org/get-involved/technical-committees/ansi-review>

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

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

FM (FM Approvals)

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

Reaffirmation

BSR/FM 1035-2018 (R202x), Nitrogen Generators (reaffirmation of ANSI/FM 1035-2018)

Nitrogen generator systems are being installed to provide pressurized nitrogen to dry pipe and preaction fire protection systems. The use of nitrogen instead of compressed air minimizes corrosion of the piping and increases system life. FM 1035 contains test requirements for the performance of nitrogen generator systems as well as design requirements to ensure the systems have a reasonable life. It also contains requirements for marking of the systems, allowable maintenance operations and operational parameters.

Single copy price: Free

Obtain an electronic copy from: josephine.mahnken@fmaprovals.com

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

Comment Deadline: October 23, 2023

IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)

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

Revision

BSR/ASSE 1052-202x, Performance Requirements for Hose Connection Backflow Preventers (revision of ANSI/ASSE 1052-2016)

This standard establishes design requirements, basic performance requirements and test procedures for hose connection backflow preventers (herein referred to as the “device”). This device is designed to be installed on the discharge side of a hose threaded outlet on a potable water system. This two-check device protects against backflow, due to backsiphonage or lowhead backpressure, and is field testable to certify protection under the high-hazard conditions present at a hose threaded outlet. This device shall only be used on systems where there is low-head backpressure that does not exceed that generated by an elevated hose equal to or less than 10 feet (3.0 m) in height. This device shall not be subjected to more than 12 hours of continuous water pressure.

Single copy price: Free

Obtain an electronic copy from: standards@iapmostandards.org

Send comments (copy psa@ansi.org) to: George Istefan <standards@iapmostandards.org>

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

18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448 | terry.burger@asse-plumbing.org, <https://www.iapmostandards.org>

Reaffirmation

BSR/IAPMO Z601-2018 (R202x), Scale Reduction Devices (reaffirmation of ANSI/IAPMO Z601-2018)

This Standard covers scale reduction devices intended for residential and similar water-heating applications and specifies general, material, structural integrity, and testing requirements.

Single copy price: Free

Obtain an electronic copy from: standards@iapmostandards.org

Send comments (copy psa@ansi.org) to: George Istefan <standards@iapmostandards.org>

NCPDP (National Council for Prescription Drug Programs)

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

Revision

BSR/NCPDP Product Identifier v1.8-202x, NCPDP Product Identifier v1.8 (revision and redesignation of ANSI/NCPDP Product Identifier v1.7-2023)

The goal of this standard is to ensure that any change to critical product identifiers is managed in a way that does not adversely affect patient safety, financial processes involving drug products, and the healthcare applications that currently use these identifiers. NCPDP discussed the unintended consequences that could result from changes to the structure of product identifiers and initiated a project to develop a standard that could be used to protect the intended use, format and structure of product identifiers.

Single copy price: \$200.00 (non-members)

Obtain an electronic copy from: mweiker@ncdpd.org

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

Comment Deadline: October 23, 2023

NCPDP (National Council for Prescription Drug Programs)

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

Revision

BSR/NCPDP SC v2024011-202x, NCPDP Script Standard (revision and redesignation of ANSI/NCPDP SC Standard v2023071-2023)

The standard provides general guidelines for developers of pharmacy or physician management systems who wish to provide prescription transmission functionality to their clients. The standard addresses the electronic transmission of new prescriptions, prescription refill requests, prescription fill status notifications, and cancellation notifications.

Single copy price: \$200.00 (non-member)

Obtain an electronic copy from: mweiker@ncdpd.org

Send comments (copy psa@ansi.org) to: Margaret Weiker <mweiker@ncdpd.org>

NCPDP (National Council for Prescription Drug Programs)

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

Revision

BSR/NCPDP Specialized Standard v2024011-202x, NCPDP Specialized Standard v2024011 (revision and redesignation of ANSI/NCPDP Specialized Standard v2023071-2023)

The NCPDP Specialized Standard will house transactions that are not eprescribing but are part of the NCPDP XML environment. The standard provides general guidelines for developers of systems who wish to provide business functionality of these transactions to their clients. The guide describes a set of transactions and the implementation of these transactions.

Single copy price: \$200.00 (non-member)

Obtain an electronic copy from: mweiker@ncdpd.org

Send comments (copy psa@ansi.org) to: Margaret Weiker <mweiker@ncdpd.org>

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

New Standard

BSR/TAPPI T 811 om-202x2x, Edgewise compressive strength of corrugated fiberboard (short column test) (new standard)

1.1 This method describes procedures for determining the edgewise compressive strength (ECT), perpendicular to the axis of the flutes, of a short column of single-, double-, or triple-wall corrugated fiberboard (1).

Single copy price: Free

Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org

Send comments (copy psa@ansi.org) to: Brittaney Lovett, standards@tappi.org

Comment Deadline: October 23, 2023

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Reaffirmation

BSR/TAPPI T 230 om-2013 (R202x), Viscosity of pulp (capillary viscometer method) (reaffirmation of ANSI/TAPPI T 230 om-2013 (R2019))

This method describes a procedure for determining the viscosity of 0.5% cellulose solutions, using 0.5M cupriethylenediamine (CED) as a solvent and a capillary viscometer. Measurements may be made on bleached cotton and wood pulps. Conventional kraft pulps with up to 4% lignin, as defined by TAPPI T 222 "Acid-Insoluble Lignin in Wood and Pulp" can also be analyzed. The applicability of this procedure to extended delignification pulps has not been determined.

Single copy price: Free

Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org

Send comments (copy psa@ansi.org) to: Brittaney Lovett, standards@tappi.org

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Reaffirmation

BSR/TAPPI T 282 om-2013 (R202x), Hexeneuronic acid content of chemical pulp (reaffirmation of ANSI/TAPPI T 282 om-2013 (R2019))

This method describes a procedure to determine hexeneuronic acid groups (HexA) in chemical pulps. HexA affects the kappa number determination by reaction with permanganate, and can react with certain bleaching chemicals, e.g., chlorine dioxide and ozone, but not with some others such as oxygen and peroxide.

Single copy price: Free

Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org

Send comments (copy psa@ansi.org) to: Brittaney Lovett, standards@tappi.org

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Reaffirmation

BSR/TAPPI T 410 om-2013 (R202x), Grammage of paper and paperboard (weight per unit area) (reaffirmation of ANSI/TAPPI T 410 om-2013 (R2019))

1.1 In the United States, the customary or commercial term for expressing the "weight" per unit area (more properly "mass per unit area") of paper has been "basis weight," "ream weight," or "substance." These are defined as the mass in pounds of a ream of a given sheet size and number of sheets (usually 500 sheets, occasionally 480 sheets). In most other countries, the mass per unit area is expressed in grams per square meter, g/m². The French term for mass per unit area, "grammage," is recommended by ISO Committee TC 6 on Paper for use in English as well as in French because of its convenience and clear relationship to g/m². 1.2 The mass per unit area of paperboard has been expressed in the customary system as the mass in pounds per thousand square feet, and in the metric system as grams per square meter (g/m²). 1.3 The SI metric units, in which grammage (mass per unit area) is expressed in g/m², are the preferred units for TAPPI Test Methods.

Single copy price: Free

Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org

Send comments (copy psa@ansi.org) to: Brittaney Lovett, standards@tappi.org

Comment Deadline: October 23, 2023

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Reaffirmation

BSR/TAPPI T 496 sp-2013 (R202x), Specimen preparation for cross directional internal tearing resistance for paper, paperboard and related materials (reaffirmation of ANSI/TAPPI T 496 sp-2013 (R2019))

1.1 This practice is used for the preparation of test specimens for the internal tearing resistance of paper, board, and related materials when a force is applied perpendicular to the machine direction. Materials whose structures are highly directional cannot be properly tested in their cross direction according to TAPPI T 414 "Internal Tearing Resistance of Paper (Elmendorf-Type Method)," because, as a rule, the tear turns toward the machine direction as it proceeds. Consequently, it is usually impossible to make a test tear of such a material truly in the cross direction. This practice has been devised to permit the tear to proceed as it will, but more or less limits the extent of the tear to the prescribed 43 mm. 1.2 For the sake of uniformity, this procedure may be used to determine the tearing resistance in the machine direction.

Single copy price: Free

Obtain an electronic copy from: Brittaney Lovett, blovett@tappi.org

Send comments (copy psa@ansi.org) to: Brittaney Lovett, blovett@tappi.org

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Reaffirmation

BSR/TAPPI T 1501 sg-2018 (R202x), Training standard for paper machine tender (reaffirmation of ANSI/TAPPI T 1501 sg-2018)

The purpose of this standard is to provide guidelines for skills and knowledge needed by a paper machine tender, often referred to as the paper machine first hand. The standard will be useful as a measure of the capabilities and understanding that a person must have to successfully perform the machine tender function as part of a technologically advanced workforce. Within the limitations described, the incumbent or candidate for this function should have the capability to know, understand, and appropriately utilize all of the standard skill and knowledge functions described. Secondly, as the first standard of this type based on the information sources referenced, this particular standard may serve as a model to see if similar standards would be useful for other pulp and paper mill job classifications.

Single copy price: Free

Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org

Send comments (copy psa@ansi.org) to: Brittaney Lovett, standards@tappi.org

Comment Deadline: October 23, 2023

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Revision

BSR/TAPPI T 452 om-202x, Brightness of pulp, paper, and paperboard (directional reflectance at 457 nm) (revision of ANSI/TAPPI T 452 om-2018)

1.1 This method is for the determination of the brightness of white, near-white, and naturally colored pulp, paper, and paperboard. Brightness is a commonly used industry term for the numerical value of the reflectance factor of a sample with respect to blue light of specific spectral and geometric characteristics. This method requires an instrument employing 45° illumination and 0° viewing geometry with the illuminating and viewing beams adjusted so that translucent materials are evaluated on an arbitrary but specific scale. The cone of light (see A.3.2 and A.3.5) used by this method is wider than that specified for the CIE Standard 45/0 geometry.

Single copy price: Free

Obtain an electronic copy from: Brittany Lovett, standards@tappi.org

Send comments (copy psa@ansi.org) to: Brittany Lovett, standards@tappi.org

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Revision

BSR/TAPPI T 545 om-202x2x, Cross-machine grammage profile measurement (gravimetric method) (revision of ANSI/TAPPI T 545 om-2020)

1.1 This method describes a procedure which can be applied to determine the variation in mass per unit area in the cross-machine direction, commonly referred to as the grammage (or basis weight) profile. This method is appropriate for the acceptance testing of both the papermaking process and the product. 1.2 This method is laborious, but it is reliable and accurate. It requires simple, well-defined operations: cutting out samples, weighing samples, and data evaluation. 1.3 The general procedures outlined in TAPPI T 410 "Grammage of Paper and Paperboard (Weight Per Unit Area)" and in TAPPI T 402 "Standard Conditioning and Testing Atmospheres for Paper, Board, Pulp Handsheets, and Related Products" are used as basic references for this method.

Single copy price: Free

Obtain an electronic copy from: Brittany Lovett, standards@tappi.org

Send comments (copy psa@ansi.org) to: Brittany Lovett, standards@tappi.org

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Revision

BSR/TAPPI T 692 om-202x2x, Determination of suspended solids in kraft green and white liquors (revision of ANSI/TAPPI T 692 om-2013)

This method provides a means of determining the level of suspended solids in kraft green liquor and kraft white liquor.

Single copy price: Free

Obtain an electronic copy from: Brittany Lovett, standards@tappi.org

Send comments (copy psa@ansi.org) to: Brittany Lovett, standards@tappi.org

Comment Deadline: October 23, 2023

ULSE (UL Standards & Engagement)

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

National Adoption

BSR/UL 60335-2-40-202X, Household And Similar Electrical Appliances - Safety - Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers (identical national adoption of IEC 60335-2-40 and revision of ANSI/UL 60335-2-40-2022)

Revise the fourth edition of UL 60335-2-40 which deals with the safety of electric heat pumps, including hot water heat pumps, air conditioners, and dehumidifiers incorporating motor-compressors as well as without motor-compressors. It also deals with hydronic fan coil units, their maximum rated voltages being not more than 300 V for single phase appliances and 15 000 V for all other appliances. Partial units are within the scope of this Standard.

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/ProposalAvailable>

Send comments (copy psa@ansi.org) to: Follow the instructions at: <https://csds.ul.com/ProposalAvailable>

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062-2096 | Megan.M.VanHeirseele@ul.org, <https://ulse.org/>

New Standard

BSR/UL 2056-202x, Standard for Safety for Power Banks (new standard)

(1) The Proposed 1st Edition of the Standard for Safety for Power Banks, UL 2056, as a Joint National Standard for Canada and the United States.

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/ProposalAvailable>

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

ULSE (UL Standards & Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709 | ashley.seward@ul.org, <https://ulse.org/>

Reaffirmation

BSR/UL 60745-2-6-2009 (R202x), Hand-Held Motor-Operated Electric Tools - Safety - Part 2-6: Particular Requirements for Hammers (reaffirmation of ANSI/UL 60745-2-6-2009 (R2018))

(1) Reaffirmation and continuance of the Second Edition of the Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-6: Particular Requirements for Hammers, UL 60745-2-6, as a standard.

Single copy price: Free

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Send comments (copy psa@ansi.org) to: <https://csds.ul.com/Home/ProposalsDefault.aspx>

Comment Deadline: October 23, 2023

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 746C-202x, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2023)

This proposal for UL 746C involves the addition of requirements for the clarification of Adhesives for Specialized Applications and the inclusion of equation to calculate Thermal Endurance Profile Lines in Sections 39, 40, 41, and 69.

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/ProposalAvailable>

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

Comment Deadline: November 7, 2023

ANS (American Nuclear Society)

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

Revision

BSR/ANS 8.26-202x, Criticality Safety Engineer Training and Qualification Program (revision of ANSI/ANS 8.26-2007 (R2022))

This standard presents the fundamental elements of a training and qualification program for individuals with responsibilities for performing the various technical aspects of criticality safety engineering. The standard presents a flexible array of competencies for use by management to develop tailored training and qualification programs applicable to site-specific job functions, facilities, and operations.

Single copy price: \$44.00

Obtain an electronic copy from: orders@ans.org

Order from: orders@ans.org

Send comments (copy psa@ansi.org) to: Patricia Schroeder <pschroeder@ans.org>

ULSE (UL Standards & Engagement)

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

New Standard

BSR/UL 2901A-202x, Standard for Corrosion Control Additives for Use in Fire Sprinkler Systems (new standard)

1.1 This Standard covers requirements for corrosion control additives for fire sprinkler systems, such as corrosion inhibitors. 1.2 These solutions are intended for use in wet pipe sprinkler systems for installation in accordance with the manufacturer's design and installation instructions and the following standards: a) Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, NFPA 13D; b) Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies, NFPA 13R; and c) Standard for Installation of Automatic Sprinkler Systems, NFPA 13. 1.3 These solutions are intended for use in wet pipe sprinkler systems and intended to be inspected, tested, and maintained in accordance with the Standard for Inspection, Testing and Maintenance of Water Based Fire Protection Systems, NFPA 25. 1.4 This Standard does not contain requirements to evaluate the risk associated with products of combustion. 1.5 The requirements of this Standard evaluate the safety and compatibility of the corrosion control additives when used in a fire sprinkler system but do not evaluate the level of corrosion protection provided by an individual corrosion control additive.

Single copy price: Free

Order from: <https://csds.ul.com/ProposalAvailable>

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

Comment Deadline: November 7, 2023

ULSE (UL Standards & Engagement)

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

New Standard

BSR/UL 2901B-202x, Standard for Vapor Corrosion Inhibitors for Use in Fire Sprinkler Systems (new standard)

1.1 This Standard covers requirements for vapor corrosion inhibitors and their delivery system for use in fire sprinkler systems. 1.2 These corrosion inhibitors are intended for use in dry pipe and pre-action sprinkler systems for installation in accordance with the manufacturer's design and installation instructions and the following standards: a) Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, NFPA 13D; b) Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies, NFPA 13R; and c) Standard for Installation of Automatic Sprinkler Systems, NFPA 13. 1.3 These corrosion inhibitors are intended for use in dry pipe and pre-action sprinkler systems and intended to be inspected, tested and maintained in accordance with the Standard for Inspection, Testing and Maintenance of Water Based Fire Protection Systems, NFPA 25. 1.4 This Standard does not contain requirements for delivery systems that use electricity. 1.5 The requirements of this Standard evaluate the safety and compatibility of vapor corrosion inhibitors when used in a fire sprinkler system but do not evaluate the level of corrosion protection provided by an individual vapor corrosion inhibitor.

Single copy price: Free

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Technical Reports Registered with ANSI

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ASC X9 (Accredited Standards Committee X9, Incorporated)

275 West Street, Suite 107, Annapolis, MD 21401 | Ambria.Calloway@X9.org, www.x9.org

Revision

ASC X9 TR 51-2023, Levies Companion Document Uniform Adoption of X9.129 for Levies Version 5.0 (revision of technical report ASC X9 TR 51-2020)

The purpose of this document is to formalize an industry standard for exchange of legal orders using the ANSI X9.129 standard format and a compilation of industry norms. This document is not intended to replace the ANSI X9.129 standard, but rather to clarify how financial institutions and agencies should use the standard to ensure all necessary and appropriate levies and asset based orders are exchanged between financial institutions and/or agencies. The use of this document requires that all legal orders exchange participants obtain, use and adhere to the record and field usage definitions detailed in the ANSI X9.129 standard. Users of this document are required to review and be knowledgeable of the full standard to ensure file structure and data and field specifications are understood and used correctly. This document further defines the specific usage of the ANSI X9.129 standard and describes all of the records and fields which contain critical data.

Technical Reports Registered with ANSI

IENT (Institute of Environmental Sciences and Technology)

1827 Walden Office Square, Suite 400, Schaumburg, IL 60173 | jsklena@iest.org, www.iest.org

New Technical Report

ISO/TR 14644-21, Cleanrooms and associated controlled environments – Part 21: Airborne particle sampling techniques (technical report)

The Technical Report provides clarification on the application of sound airborne particle sampling techniques in support of ISO 14644-1:2015 for classification of cleanrooms and clean zones, and ISO 14644-2:2015 for airborne particle monitoring, to provide evidence of cleanroom performance related to air cleanliness by particle concentration. This Technical Report includes information about how to gather appropriate, accurate and repeatable data, and how to interpret this information for the purpose of improving process protection. This also includes information on the choice of measurement methods and apparatus configuration, calibration, repeatability/reproducibility and the uncertainty associated with measurement. In short, what can be reasonably attained with the current technology.

Send comments (copy psa@ansi.org) to: Jennifer Sklena <jsklena@iest.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.

ARESCA (American Renewable Energy Standards and Certification Association)

256 Farrell Farm Road, Norwich, VT 05055 | secretary@aresca.us, www.aresca.us

ANSI/ARESCA 61400-1-2023, Wind energy generation systems - Part 1: Design requirements (identical national adoption of IEC 61400-1:2019) Final Action Date: 9/5/2023 | *National Adoption*

ANSI/ARESCA 61400-24-2023, Wind energy generation systems - Part 24: Lightning protection (identical national adoption of IEC 61400-24:2019) Final Action Date: 9/5/2023 | *National Adoption*

ANSI/ARESCA 61400-26-1-2023, Wind energy generation systems - Part 26-1: Availability for wind energy generation systems (identical national adoption of IEC 61400-26-1:2019) Final Action Date: 9/5/2023 | *National Adoption*

ANSI/ARESCA 62600-2-2023, Marine energy - Wave, tidal and other water current converters - Part 2: Marine energy systems - Design requirements (identical national adoption of IEC TS 62600-2:2019) Final Action Date: 9/5/2023 | *National Adoption*

ANSI/ARESCA 62600-3-2023, Marine energy - Wave, tidal and other water current converters - Part 3: Measurement of mechanical loads (identical national adoption of IEC TS 62600-3:2020) Final Action Date: 9/5/2023 | *National Adoption*

ANSI/ARESCA 62600-4-2023, Marine energy - Wave, tidal and other water current converters - Part 4: Specification for establishing qualification of new technology (identical national adoption of IEC TS 62600-4:2020) Final Action Date: 9/5/2023 | *National Adoption*

ANSI/ARESCA 62600-10-2023, Marine energy - Wave, tidal and other water current converters - Part 10: Assessment of mooring system for marine energy converters (MECs) (identical national adoption of IEC TS 62600-10:2021) Final Action Date: 9/5/2023 | *National Adoption*

ANSI/ARESCA 62600-20-2023, Marine energy - Wave, tidal, and other water current converters - Part 20: Design and analysis of an Ocean Thermal Energy Conversion (OTEC) plant - General guidance (identical national adoption of IEC TS 62600-20:2019) Final Action Date: 9/5/2023 | *National Adoption*

ANSI/ARESCA 62600-30-2023, Marine energy - Wave, tidal and other water current converters - Part 30: Electrical power quality requirements (identical national adoption of IEC TS 62600-30:2018) Final Action Date: 9/5/2023 | *National Adoption*

ANSI/ARESCA 62600-40-2023, Marine energy - Wave, tidal and other water current converters - Part 40: Acoustic characterization of marine energy converters (identical national adoption of IEC TS 62600-40:2019) Final Action Date: 9/5/2023 | *National Adoption*

ANSI/ARESCA 62600-202-2023, Marine energy - Wave, tidal and other water current converters - Part 202: Early stage development of tidal energy converters - Best practices and recommended procedures for the testing of pre-prototype scale devices (identical national adoption of IEC TS 62600-202:2022) Final Action Date: 9/5/2023 | *National Adoption*

ANSI/ARESCA 62600-300-2023, Marine energy - Wave, tidal and other water current converters - Part 300: Electricity producing river energy converters - Power performance assessment (identical national adoption of IEC TS 62600-300:2019) Final Action Date: 9/5/2023 | *National Adoption*

ARESCA (American Renewable Energy Standards and Certification Association)

256 Farrell Farm Road, Norwich, VT 05055 | secretary@aresca.us, www.aresca.us

ANSI/ARESCA 62600-301-2023, Marine energy - Wave, tidal and other water current converters - Part 301: River energy resource assessment (identical national adoption of IEC TS 62600-301:2019) Final Action Date: 9/5/2023 | *National Adoption*

ASA (ASC S12) (Acoustical Society of America)

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

ANSI S12.3-2023, Declaration of Product Noise Emission Values (revision of ANSI/ASA S12.3-1985 (R2020)) Final Action Date: 9/1/2023 | *Revision*

ASABE (American Society of Agricultural and Biological Engineers)

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

ANSI/ASAE/ISO 5687-OCT2018 (R2023), Equipment for Harvesting - Combine Harvesters - Determination and Designation of Grain Tank Capacity and Unloading Device Performance (reaffirm a national adoption ANSI/ASAE 5687-OCT2018) Final Action Date: 9/5/2023 | *Reaffirmation*

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

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

ANSI/ASHRAE/ICC/IES/USGBC Addendum ao to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020) Final Action Date: 8/31/2023 | *Addenda*

ANSI/ASHRAE/ICC/IES/USGBC Addendum ba to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020) Final Action Date: 8/30/2023 | *Addenda*

ANSI/ASHRAE/ICC/IES/USGBC Addendum be to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020) Final Action Date: 8/31/2023 | *Addenda*

ANSI/ASHRAE/ICC/IES/USGBC Addendum t to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020) Final Action Date: 8/30/2023 | *Addenda*

ANSI/ASHRAE/IES Addendum cw to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 8/30/2023 | *Addenda*

ANSI/ASHRAE/IES Addendum e to ANSI/ASHRAE/IES Standard 100-2018, Energy Efficiency in Existing Buildings (addenda to ANSI/ASHRAE/IES Standard 100-2018) Final Action Date: 8/31/2023 | *Addenda*

ASME (American Society of Mechanical Engineers)

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

ANSI/ASME A17.2-2023, Guide for Inspection of Elevators, Escalators, and Moving Walks (revision of ANSI/ASME A17.2-2020) Final Action Date: 8/28/2023 | *Revision*

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

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

ANSI/ASSP A10.19-2023, Safety Requirements for Pile Installation and Extraction Operations (revision and redesignation of ANSI ASSE A10.19-2017) Final Action Date: 8/31/2023 | *Revision*

CSA (CSA America Standards Inc.)

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

ANSI Z21.40.4-2023, Performance testing and rating of gas-fired, air-conditioning and heat pump appliances (same as CSA 2.94) (revision of ANSI Z21.40.4-1996 (R2022) and Z21.40.4a-1998 (R2022)) Final Action Date: 8/29/2023 | *Revision*

ESTA (Entertainment Services and Technology Association)

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

ANSI E1.8-2018 (R2023), Entertainment Technology-Loudspeaker Enclosures Intended for Overhead Suspension-Classification, Manufacture and Structural Testing (reaffirmation of ANSI E1.8-2018) Final Action Date: 9/5/2023 | *Reaffirmation*

ANSI E1.46-2018 (R2023), Standard for the Prevention of Falls from Theatrical Stages and Raised Performance Platforms (reaffirmation of ANSI E1.46-2018) Final Action Date: 9/5/2023 | *Reaffirmation*

HI (Hydraulic Institute)

300 Interpace Parkway, Building A, 3rd Floor, #280, Parsippany, NJ 07054 | amoser@pumps.org, www.pumps.org

ANSI/HI 14.3A-2022, Rotodynamic Pumps for Design and Application (addenda to ANSI/HI 14.3-2019) Final Action Date: 8/25/2023 | *Addenda*

IICRC (The Institute of Inspection, Cleaning and Restoration Certification)

4043 South Eastern Avenue, Las Vegas, NV 89119 | mwashington@iicrcnet.org, <https://www.iicrc.org>

ANSI/IICRC S590-2023, Standard for Assessing HVAC Systems Following a Water, Fire, or Mold Damaged Event (new standard) Final Action Date: 9/5/2023 | *New Standard*

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

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INCITS/ISO/IEC 11179-30:2023 [2023], Information technology - Metadata registries (MDR) - Part 30: Basic attributes of metadata (identical national adoption of ISO/IEC 11179-30:2023) Final Action Date: 9/5/2023 | *National Adoption*

INCITS/ISO/IEC 11179-31:2023 [2023], Information technology - Metadata registries (MDR) - Part 31: Metamodel for data specification registration (identical national adoption of ISO/IEC 11179-31:2023) Final Action Date: 9/5/2023 | *National Adoption*

INCITS/ISO/IEC 11179-32:2023 [2023], Information technology - Metadata registries (MDR) - Part 32: Metamodel for concept system registration (identical national adoption of ISO/IEC 11179-32:2023) Final Action Date: 8/29/2023 | *National Adoption*

INCITS/ISO/IEC 11179-33:2023 [2023], Information technology - Metadata registries (MDR) - Part 33: Metamodel for data set registration (identical national adoption of ISO/IEC 11179-33:2023) Final Action Date: 8/29/2023 | *National Adoption*

INCITS/ISO/IEC 11770-7:2021 [2023], Information security - Key management - Part 7: Cross-domain password-based authenticated key exchange (identical national adoption of ISO/IEC 11770-7:2021) Final Action Date: 8/29/2023 | *National Adoption*

INCITS/ISO/IEC 15408-4:2022 [2023], Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 4: Framework for the specification of evaluation methods and activities (identical national adoption of ISO/IEC 15408-4:2022) Final Action Date: 8/29/2023 | *National Adoption*

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INCITS/ISO/IEC 15408-5:2022 [2023], Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 5: Pre-defined packages of security requirements (identical national adoption of ISO/IEC 15408-5:2022) Final Action Date: 8/29/2023 | *National Adoption*

INCITS/ISO/IEC 23090-3:2022 [2023], Information technology - Coded representation of immersive media - Part 3: Versatile video coding (identical national adoption of ISO/IEC 23090-3:2022) Final Action Date: 8/29/2023 | *National Adoption*

INCITS/ISO/IEC 23090-6:2021 [2023], Information technology - Coded representation of immersive media - Part 6: Immersive media metrics (identical national adoption of ISO/IEC 23090-6:2021) Final Action Date: 8/29/2023 | *National Adoption*

INCITS/ISO/IEC 23090-7:2022 [2023], Information technology - Coded representation of immersive media - Part 7: Immersive media metadata (identical national adoption of ISO/IEC 23090-7:2022) Final Action Date: 8/29/2023 | *National Adoption*

INCITS/ISO/IEC 23090-10:2022 [2023], Information technology - Coded representation of immersive media - Part 10: Carriage of visual volumetric video-based coding data (identical national adoption of ISO/IEC 23090-10:2022) Final Action Date: 8/29/2023 | *National Adoption*

INCITS/ISO/IEC 27553-1:2022 [2023], Information security, cybersecurity and privacy protection - Security and privacy requirements for authentication using biometrics on mobile devices - Part 1: Local modes (identical national adoption of ISO/IEC 27553-1:2022) Final Action Date: 8/29/2023 | *National Adoption*

INCITS/ISO/IEC 29192-8:2022 [2023], Information security - Lightweight cryptography - Part 8: Authenticated encryption (identical national adoption of ISO/IEC 29192-8:2022) Final Action Date: 8/29/2023 | *National Adoption*

INCITS/ISO/IEC 17922:2017 [2023], Information technology - Security techniques - Telebiometric authentication framework using biometric hardware security module (identical national adoption of ISO/IEC 17922:2017) Final Action Date: 8/29/2023 | *National Adoption*

INCITS/ISO/IEC 22989:2022 [2023], Information technology - Artificial intelligence - Artificial intelligence concepts and terminology (identical national adoption of ISO/IEC 22989:2022) Final Action Date: 9/5/2023 | *National Adoption*

INCITS/ISO/IEC 23894:2023 [2023], Information technology - Artificial intelligence - Guidance on risk management (identical national adoption of ISO/IEC 23894:2023) Final Action Date: 9/5/2023 | *National Adoption*

INCITS/ISO/IEC 24668:2022 [2023], Information technology - Artificial intelligence - Process management framework for big data analytics (identical national adoption of ISO/IEC 24668:2022) Final Action Date: 9/5/2023 | *National Adoption*

INCITS/ISO/IEC 27556:2022 [2023], Information security, cybersecurity and privacy protection - User-centric privacy preferences management framework (identical national adoption of ISO/IEC 27556:2022) Final Action Date: 9/5/2023 | *National Adoption*

INCITS/ISO/IEC 27557:2022 [2023], Information security, cybersecurity and privacy protection - Application of ISO 31000:2018 for organizational privacy risk management (identical national adoption of ISO/IEC 27557:2022) Final Action Date: 8/29/2023 | *National Adoption*

INCITS/ISO/IEC 27559:2022 [2023], Information security, cybersecurity and privacy protection - Privacy enhancing data de-identification framework (identical national adoption of ISO/IEC 27559:2022) Final Action Date: 8/29/2023 | *National Adoption*

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INCITS/ISO/IEC 10116:2017/AM1:2021 [2023], Information technology - Security techniques - Modes of operation for an n-bit block cipher - Amendment 1: CTR-ACPKM mode of operation (identical national adoption of ISO/IEC 10116:2017/AM1:2021) Final Action Date: 8/29/2023 | *National Adoption*

INCITS/ISO/IEC 29146:2016/AM1:2022 [2023], Information technology - Security techniques - A framework for access management - Amendment 1 (identical national adoption of ISO/IEC 29146:2016/AM1:2022) Final Action Date: 8/29/2023 | *National Adoption*

INCITS 560-2023, Information technology - Fibre Channel - Physical Interfaces - 8 (FC-PI-8) (new standard) Final Action Date: 8/28/2023 | *New Standard*

ANSI/INCITS 446-2008 [R2023], Information Technology - Identifying Attributes for Named Physical and Cultural Geographic Features (Except Roads and Highways) of the United States, Territories, Outlying Areas, and Freely Associated Areas, and the Waters of the Same to the Limit of the Twelve-Mile Statutory Zone (reaffirmation of INCITS 446-2008 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

ANSI/INCITS 481-2011/AM1-2018 [R2023], Information technology - Fibre Channel Protocol for SCSI - 4 (FCP-4) - Amendment 1 (reaffirmation of INCITS 481-2011/AM1-2018) Final Action Date: 8/31/2023 | *Reaffirmation*

ANSI/INCITS 487-2018 [R2023], Information technology - Fibre Channel - Link Services - 3 (FC-LS-3) (reaffirmation of INCITS 487-2018) Final Action Date: 8/31/2023 | *Reaffirmation*

ANSI/INCITS 504-1-2013 [R2023], Information Technology - Generic Identity Command Set (GICS) - Part 1: Card Application Command Set (reaffirmation of INCITS 504-1:2013 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

ANSI/INCITS 504-2-2013 [R2023], Information technology - Generic Identity Command Set (GICS) - Part 2: Card Administrative Command Set (reaffirmation of INCITS 504-2-2013 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

ANSI/INCITS 504-4-2013 [R2023], Information technology - Generic Identity Command Set (GICS) - Part 4: Card Application Profile Template (reaffirmation of INCITS 504-4-2013 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

ANSI/INCITS 505-2013 [R2023], Information technology - SAS Protocol Layer - 2 (SPL-2) (reaffirmation of INCITS 505-2013 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

ANSI/INCITS 516-2013 [R2023], Information technology - SCSI Stream Commands (SSC-4) (reaffirmation of INCITS 516-2013 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

ANSI/INCITS 529-2018 [R2023], Information technology - ATA/ATAPI Command Set - 4 (ACS-4) (reaffirmation of INCITS 529-2018) Final Action Date: 8/28/2023 | *Reaffirmation*

ANSI/INCITS 538-2018 [R2023], Information technology - SAS Protocol Layer - 4 (SPL-4) (reaffirmation of INCITS 538-2018) Final Action Date: 8/31/2023 | *Reaffirmation*

ANSI/INCITS 540-2018 [R2023], Information technology - Fibre Channel - Non-Volatile Memory Express (FC-NVMe) (reaffirmation of INCITS 540-2018) Final Action Date: 8/31/2023 | *Reaffirmation*

ANSI/INCITS 544-2018 [R2023], Information technology - Fibre Channel - Single Byte Command Code Sets Mapping Protocol - 6 (FC-SB-6) (reaffirmation of INCITS 544-2018) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS 398-2008 [R2023], Information technology - Common Biometric Exchange Formats Framework (CBEFF) (reaffirmation of INCITS 398-2008 [R2018]) Final Action Date: 8/25/2023 | *Reaffirmation*

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INCITS 423.1-2008 [R2023], Information technology - Conformance Testing Methodology Standard for Biometric Data Interchange Format Standards - Part 1: Generalized Conformance Testing Methodology (reaffirmation of INCITS 423.1-2008 [R2018]) Final Action Date: 8/25/2023 | *Reaffirmation*

INCITS 423.2-2008 [R2023], Information technology - Conformance Testing Methodology Standard for Biometric Data Interchange Format Standards - Part 2: Conformance Testing Methodology for INCITS 378-2004, Finger Minutiae Format for Data Interchange (reaffirmation of INCITS 423.2-2008 [R2018]) Final Action Date: 8/25/2023 | *Reaffirmation*

INCITS 429-2008 [R2023], Information technology - Conformance Testing Methodology for INCITS 358-2002, BioAPI Specification (reaffirmation of INCITS 429-2008 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO 19135-1:2015 [R2023], Geographic information - Procedures for item registration - Part 1: Fundamentals (reaffirmation of INCITS/ISO 19135-1:2015 [2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO 19144-2:2012 [R2023], Geographic information - Classification systems - Part 2: Land Cover Meta Language (LCML) (reaffirmation of INCITS/ISO 19144-2:2012 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO 19144-1:2009/COR 1:2012 [R2023], Geographic information - Classification systems - Part 1: Classification system structure - Technical Corrigendum 1 (reaffirmation of INCITS/ISO 19144-1:2009/COR 1:2012 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO 19104:2016 [R2023], Geographic information - Terminology (reaffirmation of INCITS/ISO 19104:2016 [2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO 19108:2002 [R2023], Geographic information - Temporal schema (reaffirmation of INCITS/ISO 19108:2002 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO 19109:2015 [R2023], Geographic information - Rules for application schema (reaffirmation of INCITS/ISO 19109:2015 [2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO 19110:2016 [R2023], Geographic information - Methodology for feature cataloguing (reaffirmation of INCITS/ISO 19110:2016 [2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO 19117:2012 [R2023], Geographic information - Portrayal (reaffirmation of INCITS/ISO 19117:2012 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO 19119:2016 [R2023], Geographic information - Services (reaffirmation of INCITS/ISO 19119:2016 [2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO 19132:2007 [R2023], Geographic information - Location-based services - Reference model (reaffirmation of INCITS/ISO 19132:2007 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO 19141:2008 [R2023], Geographic information - Schema for moving features (reaffirmation of INCITS/ISO 19141:2008 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 7501-2:1997 [R2023], Identification Cards - Machine Readable Travel Documents - Part 2: Machine Readable Visa (reaffirmation of INCITS/ISO/IEC 7501-2:1997 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 7816-2:2007 [R2023], Identification cards - Integrated circuit cards - Part 2: Cards with contacts - Dimensions and location of the contacts (reaffirmation of INCITS/ISO/IEC 7816-2:2007 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

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INCITS/ISO/IEC 7816-12:2005 [R2023], Identification cards - Integrated circuit cards - Part 12: Cards with contacts - USB electrical interface and operating procedures (reaffirmation of INCITS/ISO/IEC 7816-12:2005 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 7816-13:2007 [R2023], Identification cards - Integrated circuit cards - Part 13: Commands for application management in multi-application environment (reaffirmation of INCITS/ISO/IEC 7816-13:2007 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 9281-1:1990 [R2023], Information technology - Picture coding methods - Part 1: Identification (reaffirmation of INCITS/ISO/IEC 9281-1:1990 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 9281-2:1990 [R2023], Information technology - Picture coding methods - Part 2: Procedure for registration (reaffirmation of INCITS/ISO/IEC 9281-2:1990 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 9282-1:1988 [R2023], Information processing - Coded representation of pictures - Part 1: Encoding principles for picture representation in a 7-bit or 8-bit environment (reaffirmation of INCITS/ISO/IEC 9282-1:1988 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 9593-4:1991/AM 2:1998 [R2023], Information technology - Computer graphics - Programmers Hierarchical Interactive Graphics System (PHIGS) language bindings - Part 4: C - Amendment 2 (reaffirmation of INCITS/ISO/IEC 9593-4:1991/AM 2:1998 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 9796-3:2006 [R2023], Information Technology - Security Techniques - Digital Signature Schemes Giving Message Recovery - Part 3: Discrete Logarithm Based Mechanisms (reaffirmation of INCITS/ISO/IEC 9796-3:2006 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 10175-1:1996 [R2023], Information Technology - Text and Office Systems - Document Printing Application (DPA) - Part 1: Abstract Service Definition and Procedures (reaffirmation of INCITS/ISO/IEC 10175-1:1996 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 10175-2:1996 [R2023], Information Technology - Text and Office Systems - Document Printing Application (DPA) - Part 2: Protocol Specification (reaffirmation of INCITS/ISO/IEC 10175-2:1996 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 10536-1:2000 [R2023], Identification cards - Contactless integrated circuit(s) cards - Close coupled cards - Part 1: Physical characteristics (reaffirmation of INCITS/ISO/IEC 10536-1:2000 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 10536-3:1996 [R2023], Identification cards - Contactless integrated circuit(s) cards - Part 3: Electronic signals and Reset Procedures (reaffirmation of INCITS/ISO/IEC 10536-3:1996 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 10918-1:1994 [R2023], Information technology - Digital compression and coding of continuous-tone still images: Requirements and guidelines (reaffirmation of INCITS/ISO/IEC 10918-1:1994 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 10918-2:1995 [R2023], Information technology - Digital compression and coding of continuous-tone still images: Compliance testing (reaffirmation of INCITS/ISO/IEC 10918-2:1995 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 10918-3:1997 [R2023], Information technology - Digital compression and coding of continuous-tone still images: Extensions (reaffirmation of INCITS/ISO/IEC 10918-3:1997 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

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INCITS/ISO/IEC 11172-1:1993 [R2023], Information Technology - Coding of Moving Pictures and Associated Audio for Digital Storage Media at up to about 1,5 Mbit/s - Part 1: Systems (reaffirmation of INCITS/ISO/IEC 11172-1:1993 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 11172-2:1993 [R2023], Information Technology - Coding of Moving Pictures and Associated Audio for Digital Storage Media at up to about 1,5 Mbit/s - Part 2: Video (reaffirmation of INCITS/ISO/IEC 11172-2:1993 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 11172-3:1993 [R2023], Information Technology - Coding of Moving Pictures and Associated Audio for Digital Storage Media at up to about 1,5 Mbit/s - Part 3: Audio (reaffirmation of INCITS/ISO/IEC 11172-3:1993 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 11172-4:1995 [R2023], Information technology - Coding of moving pictures and associated audio for digital storage media at up to about 1,5 Mbit/s - Part 4: Compliance testing (reaffirmation of INCITS/ISO/IEC 11172-4:1995 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 11770-1:2010 [R2023], Information technology - Security techniques - Key management - Part 1: Framework (reaffirmation of INCITS/ISO/IEC 11770-1:2010 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 11770-4:2017 [R2023], Information technology - Security techniques - Key management - Part 4: Mechanisms based on weak secrets (reaffirmation of INCITS/ISO/IEC 11770-4:2017 [2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 14495-2:2003 [R2023], Information Technology - Lossless and near-lossless compression of continuous-tone still images - Part 2: Extensions (reaffirmation of INCITS/ISO/IEC 14495-2:2003 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 14496-5:2001 [R2023], Information technology - Coding of audio-visual objects - Part 5: Reference software (reaffirmation of INCITS/ISO/IEC 14496-5:2001 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 14496-5:2001/AM 1:2002 [R2023], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 1: Reference software for MPEG-4 (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM 1:2002 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 14496-5:2001/AM 2:2003 [R2023], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 2: MPEG-4 reference software extensions for XMT and media nodes (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM 2:2003 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 14888-2:2008/COR 1:2015 [R2023], Information technology - Security techniques - Digital signatures with appendix - Part 2: Integer factorization based mechanisms - Technical Corrigendum 1: To ISO/IEC 14888-2:2008 (reaffirmation of INCITS/ISO/IEC 14888-2:2008/COR 1:2015 [2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 15444-3:2007 [R2023], Information technology - JPEG 2000 image coding system - Part 3: Motion JPEG 2000 (reaffirmation of INCITS/ISO/IEC 15444-3:2007 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 15457-2:2007 [R2023], Identification cards - Thin flexible cards - Part 2: Magnetic recording technique (reaffirmation of INCITS/ISO/IEC 15457-2:2007 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 15938-5:2003 [R2023], Information technology - Multimedia content description interface - Part 5: Multimedia description schemes (reaffirmation of INCITS/ISO/IEC 15938-5:2003 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

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INCITS/ISO/IEC 15938-7:2003 [R2023], Information technology - Multimedia content description interface - Part 7: Conformance testing (reaffirmation of INCITS/ISO/IEC 15938-7:2003 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 18014-4:2015 [R2023], Information technology - Security techniques - Time-stamping services - Part 4: Traceability of time sources (reaffirmation of INCITS/ISO/IEC 18014-4:2015 [2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 18033-2:2006 [R2023], Information technology - Security techniques - Encryption algorithms - Part 2: Asymmetric ciphers (reaffirmation of INCITS/ISO/IEC 18033-2:2006 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 19777-1:2006 [R2023], Information technology - Computer graphics and image processing - Extensible 3D (X3D) language bindings - Part 1: ECMA Script (reaffirmation of INCITS/ISO/IEC 19777-1:2006 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 19777-2:2006 [R2023], Information Technology - Computer Graphics and Image Processing - Extensible 3D (X3D) Language Bindings - Part 2: Java (reaffirmation of INCITS/ISO/IEC 19777-2:2006 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 19784-1:2018 [R2023], Information technology - Biometric application programming interface - Part 1: BioAPI specification (reaffirmation of INCITS/ISO/IEC 19784-1:2018 [2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 19784-4:2011/COR1:2013 [R2023], Information technology - Biometric application programming interface - Part 4: Biometric sensor function provider interface - Technical Corrigendum 1 (reaffirmation of INCITS/ISO/IEC 19784-4:2011/COR1:2013 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 19794-1:2011 [R2023], Information technology - Biometric data interchange formats - Part 1: Framework (reaffirmation of INCITS/ISO/IEC 19794-1:2011 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 19794-2:2011 [R2023], Information technology - Biometric data interchange formats - Part 2: Finger minutiae data (reaffirmation of INCITS/ISO/IEC 19794-2:2011 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 19794-4:2011 [R2023], Information technology - Biometric data interchange formats - Part 4: Finger image data (reaffirmation of INCITS/ISO/IEC 19794-4:2011 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 19794-5:2011 [R2023], Information technology - Biometric data interchange formats - Part 5: Face image data (reaffirmation of INCITS/ISO/IEC 19794-5:2011 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 19794-6:2011 [R2023], Information technology - Biometric data interchange formats - Part 6: Iris image data (reaffirmation of INCITS/ISO/IEC 19794-6:2011 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 19794-9:2011 [R2023], Information technology - Biometric data interchange formats - Part 9: Vascular image data (reaffirmation of INCITS/ISO/IEC 19794-9:2011 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 19794-11:2013 [R2023], Information technology - Biometric data interchange formats - Part 11: Signature/sign processed dynamic data (reaffirmation of INCITS/ISO/IEC 19794-11:2013 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 19794-4:2005/COR1:2011 [R2023], Information technology - Biometric data interchange formats - Part 4: Finger image data - Technical Corrigendum 1 (reaffirmation of INCITS/ISO/IEC 19794-4:2005/COR1:2011 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

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INCITS/ISO/IEC 19794-8:2006/COR1:2011 [R2023], Information technology - Biometric data interchange formats - Part 8: Finger pattern skeletal data - Technical Corrigendum 1 (reaffirmation of INCITS/ISO/IEC 19794-8:2006/COR1:2011 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 19794-9:2011/COR1:2012 [R2023], Information technology - Biometric data interchange formats - Part 9: Vascular image data - Technical Corrigendum 1 (reaffirmation of INCITS/ISO/IEC 19794-9:2011/COR1:2012 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 19794-9:2011/AM 1:2013 [R2023], Information technology - Biometric data interchange formats - Part 9: Vascular image data - Amendment 1: Conformance testing methodology (reaffirmation of INCITS/ISO/IEC 19794-9:2011/AM 1:2013 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 19795-6:2012 [R2023], Information technology -- Biometric performance testing and reporting -- Part 6: Testing methodologies for operational evaluation (reaffirmation of INCITS/ISO/IEC 19795-6:2012 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 20000-6:2017 [R2023], Information technology - Service management - Part 6: Requirements for bodies providing audit and certification of service management systems (reaffirmation of INCITS/ISO/IEC 20000-6:2017 [2018]) Final Action Date: 8/29/2023 | *Reaffirmation*

INCITS/ISO/IEC 20944-1:2013 [R2023], Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 1: Framework, common vocabulary, and common provisions for conformance (reaffirmation of INCITS/ISO/IEC 20944-1:2013 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 20944-2:2013 [R2023], Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 2: Coding bindings (reaffirmation of INCITS/ISO/IEC 20944-2:2013 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 20944-3:2013 [R2023], Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 3: API bindings (reaffirmation of INCITS/ISO/IEC 20944-3:2013 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 20944-4:2013 [R2023], Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 4: Protocol bindings (reaffirmation of INCITS/ISO/IEC 20944-4:2013 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 20944-5:2013 [R2023], Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 5: Profiles (reaffirmation of INCITS/ISO/IEC 20944-5:2013 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 21000-2:2005 [R2023], Information technology - Multimedia framework (MPEG-21) - Part 2: Digital Item Declaration (reaffirmation of INCITS/ISO/IEC 21000-2:2005 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 21000-3:2003 [R2023], Information technology - Multimedia framework (MPEG-21) - Part 3: Digital Item Identification (reaffirmation of INCITS/ISO/IEC 21000-3:2003 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 24727-1:2014 [R2023], Identification cards - Integrated circuit card programming interfaces - Part 1: Architecture (reaffirmation of INCITS/ISO/IEC 24727-1:2014 [2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 25185-1:2016 [R2023], Identification cards - Integrated circuit card authentication protocols - Part 1: Protocol for Lightweight Authentication of Identity (reaffirmation of INCITS/ISO/IEC 25185-1:2016 [2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

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INCITS/ISO/IEC 27033-4:2014 [R2023], Information technology - Security techniques - Network security - Part 4: Securing communications between networks using security gateways (reaffirmation of INCITS/ISO/IEC 27033-4-2014 [2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 27034-2:2015 [R2023], Information technology - Security techniques - Application security - Part 2: Organization normative framework (reaffirmation of INCITS/ISO/IEC 27034-2:2015 [2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 29109-6:2011 [R2023], Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 - Part 6: Iris image data (reaffirmation of INCITS/ISO/IEC 29109-6:2011 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 29109-7:2011 [R2023], Information technology -- Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 -- Part 7: Signature/sign time series data (reaffirmation of INCITS/ISO/IEC 29109-7:2011 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 29109-8:2011 [R2023], Information technology -- Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 -- Part 8: Finger pattern skeletal data (reaffirmation of INCITS/ISO/IEC 29109-8:2011 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 29109-9:2011 [R2023], Information technology -- Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 -- Part 9: Vascular image data (reaffirmation of INCITS/ISO/IEC 29109-9:2011 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 29109-4:2010/COR 1:2011 [R2023], Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 - Part 4: Finger image data - Technical Corrigendum 1 (reaffirmation of INCITS/ISO/IEC 29109-4:2010/COR 1:2011 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 29142-2:2013 [R2023], Information technology - Print cartridge characterization - Part 2: Cartridge characterization data reporting (reaffirmation of INCITS/ISO/IEC 29142-2:2013 [2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 29142-3:2013 [R2023], Information technology - Print cartridge characterization - Part 3: Environment (reaffirmation of INCITS/ISO/IEC 29142-3:2013 [2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 30105-1:2016 [R2023], Information technology - IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes - Part 1: Process reference model (PRM) (reaffirmation of INCITS/ISO/IEC 30105-1:2016 [2018]) Final Action Date: 8/29/2023 | *Reaffirmation*

INCITS/ISO/IEC 30105-2:2016 [R2023], Information technology - IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes - Part 2: Process assessment model (PAM) (reaffirmation of INCITS/ISO/IEC 30105-2:2016 [2018]) Final Action Date: 8/29/2023 | *Reaffirmation*

INCITS/ISO/IEC 30105-3:2016 [R2023], Information technology - IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes - Part 3: Measurement framework (MF) and organization maturity model (OMM) (reaffirmation of INCITS/ISO/IEC 30105-3:2016 [2018]) Final Action Date: 8/29/2023 | *Reaffirmation*

INCITS/ISO/IEC 30105-5:2016 [R2023], Information technology - IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes - Part 5: Guidelines (reaffirmation of INCITS/ISO/IEC 30105-5:2016 [2018]) Final Action Date: 8/29/2023 | *Reaffirmation*

INCITS/ISO/IEC 38505-1:2017 [R2023], Information technology - Governance of IT - Governance of data - Part 1: Application of ISO/IEC 38500 to the governance of data (reaffirmation of INCITS/ISO/IEC 38505-1:2017 [2018]) Final Action Date: 8/29/2023 | *Reaffirmation*

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INCITS/ISO/IEC 2375:2003 [R2023], Information technology -- Procedure for registration of escape sequences and coded character sets (reaffirmation of INCITS/ISO/IEC 2375:2003 [R2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 10116:2017 [R2023], Information technology - Security techniques - Modes of operation for an n-bit block cipher (reaffirmation of INCITS/ISO/IEC 10116:2017 [2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 11544:1993 [R2023], Information technology - Coded representation of picture and audio information - Progressive bi-level image compression (reaffirmation of INCITS/ISO/IEC 11544:1993 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 14473:1999 [R2023], Information technology - Office equipment - Minimum information to be specified for image scanners (reaffirmation of INCITS/ISO/IEC 14473:1999 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 15404:2000 [R2023], Information technology - Office machines - Minimum information to be included in specification sheets - Facsimile equipment (reaffirmation of INCITS/ISO/IEC 15404:2000 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 17203:2017 [R2023], Information technology - Open Virtualization Format (OVF) specification (reaffirmation of INCITS/ISO/IEC 17203:2017 [2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 17825:2016 [R2023], Information technology - Security techniques - Testing methods for the mitigation of non-invasive attack classes against cryptographic modules (reaffirmation of INCITS/ISO/IEC 17825:2016 [2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 18050:2006 [R2023], Information technology - Office equipment - Print quality attributes for machine readable Digital Postage Marks (reaffirmation of INCITS/ISO/IEC 18050:2006 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 19637:2016 [R2023], Information technology - Sensor network testing framework (reaffirmation of INCITS/ISO/IEC 19637:2016 [2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 19752:2017 [R2023], Information technology - Office equipment - Method for the determination of toner cartridge yield for monochromatic electrophotographic printers and multi-function devices that contain printer components (reaffirmation of INCITS/ISO/IEC 19752:2017 [2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 19798:2017 [R2023], Information technology - Office equipment - Method for the determination of toner cartridge yield for colour printers and multi-function devices that contain printer components (reaffirmation of INCITS/ISO/IEC 19798:2017 [2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 19799:2007 [R2023], Information technology - Method of measuring gloss uniformity on printed pages (reaffirmation of INCITS/ISO/IEC 19799:2007 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 20060:2010 [R2023], Information technology - Open Terminal Architecture (OTA) - Virtual machine (reaffirmation of INCITS/ISO/IEC 20060:2010 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 21117:2012 [R2023], Information technology - Office equipment - Copying machines and multi-function devices - Information to be included in specification sheets and related test methods (reaffirmation of INCITS/ISO/IEC 21117:2012 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 23271:2012 [R2023], Information technology - Common Language Infrastructure (CLI) (reaffirmation of INCITS/ISO/IEC 23271:2012 [R2018]) Final Action Date: 8/29/2023 | *Reaffirmation*

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INCITS/ISO/IEC 24700:2005 [R2023], Quality and performance of office equipment that contains reused components (reaffirmation of INCITS/ISO/IEC 24700:2005 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 24712:2007 [R2023], Colour test pages for measurement of office equipment consumable yield (reaffirmation of INCITS/ISO/IEC 24712:2007 [R2018]) Final Action Date: 8/31/2023 | *Reaffirmation*

INCITS/ISO/IEC 24759:2017 [R2023], Information technology - Security techniques - Test requirements for cryptographic modules (reaffirmation of INCITS/ISO/IEC 24759:2017 [2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 27042:2015 [R2023], Information technology - Security techniques - Guidelines for the analysis and interpretation of digital evidence (reaffirmation of INCITS/ISO/IEC 27042:2015 [2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 29190:2015 [R2023], Information technology - Security techniques - Privacy capability assessment model (reaffirmation of INCITS/ISO/IEC 29190:2015 [2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 40314:2016 [R2023], Information technology - Mathematical Markup Language (MathML) Version 3.0 (reaffirmation of INCITS/ISO/IEC 40314:2016 [2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

INCITS/ISO/IEC 18031:2011/COR 1:2014 [R2023], Information technology - Security techniques - Random bit generation - Technical Corrigendum 1 (reaffirmation of INCITS/ISO/IEC 18031:2011/COR 1:2014 [2018]) Final Action Date: 8/28/2023 | *Reaffirmation*

ANSI/INCITS/ISO/IEC 24754-1:2008/COR 1:2011 [R2018], Information technology - Document description and processing languages - Minimum requirements for specifying document rendering systems - Part 1: (withdrawal of INCITS/ISO/IEC 24754-1:2008/COR 1:2011 [R2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 9541-1:2012 [R2018], Information technology -- Font information interchange -- Part 1: Architecture (withdrawal of INCITS/ISO/IEC 9541-1:2012 [R2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 9541-2:2012 [R2018], Information technology -- Font information interchange -- Part 2: Interchange format (withdrawal of INCITS/ISO/IEC 9541-2:2012 [R2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 9541-3:2012 [R2018], Information technology -- Font information interchange -- Part 3: Glyph shape representation (withdrawal of INCITS/ISO/IEC 9541-3:2012 [R2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 9541-4:2009/COR 1:2009 [R2018], Information technology - Font information interchange - Part 4: Harmonization to Open Font Format - Technical Corrigendum 1 (withdrawal of INCITS/ISO/IEC 9541-4:2009/COR 1:2009 [R2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 13250-6:2010 [R2018], Information technology - Topic Maps - Part 6: Compact syntax (withdrawal of INCITS/ISO/IEC 13250-6:2010 [R2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 19757-3:2016 [2018], Information technology - Document Schema Definition Languages (DSDL) - Part 3: Rule-based validation using Schematron (withdrawal of INCITS/ISO/IEC 19757-3:2016 [2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 19757-5:2011 [R2018], Information technology -- Document Schema Definition Languages (DSDL) -- Part 5: Extensible Datatypes (withdrawal of INCITS/ISO/IEC 19757-5:2011 [R2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 19757-7:2009 [R2018], Information technology -- Document Schema Definition Languages (DSDL) -- Part 7: Character Repertoire Description Language (CREPDL) (withdrawal of INCITS/ISO/IEC 19757-7:2009 [R2018]) Final Action Date: 8/31/2023 | *Withdrawal*

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INCITS/ISO/IEC 19757-11:2011 [R2018], Information technology - Document Schema Definition Languages (DSDL) - Part 11: Schema association (withdrawal of INCITS/ISO/IEC 19757-11:2011 [R2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 19757-8:2008/COR 1:2011 [R2018], Information technology - Document Schema Definition Languages (DSDL) - Part 8: Document Semantics Renaming Language (DSRL) - Technical Corrigendum 1 (withdrawal of INCITS/ISO/IEC 19757-8:2008/COR 1:2011 [R2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 24754-1:2008 [R2018], Information technology -- Document description and processing languages -- Minimum requirements for specifying document rendering systems -- Part 1: Feature specifications for document rendering systems (withdrawal of INCITS/ISO/IEC 24754-1:2008 [R2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 29500-1:2016 [2018], Information technology -- Document description and processing languages -- Office Open XML File Formats -- Part 1: Fundamentals and Markup Language Reference (withdrawal of INCITS/ISO/IEC 29500-1:2016 [2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 29500-2:2012 [R2018], Information technology - Document description and processing languages - Office Open XML File Formats - Part 2: Open Packaging Conventions (withdrawal of INCITS/ISO/IEC 29500-2:2012 [R2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 29500-3:2015 [2018], Information technology -- Document description and processing languages -- Office Open XML File Formats -- Part 3: Markup Compatibility and Extensibility (withdrawal of INCITS/ISO/IEC 29500-3:2015 [2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 29500-4:2016 [2018], Information technology -- Document description and processing languages -- Office Open XML File Formats -- Part 4: Transitional Migration Features (withdrawal of INCITS/ISO/IEC 29500-4:2016 [2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 7350:1991 [R2018], Information technology -- Registration of repertoires of graphic characters from ISO/IEC 10367 (withdrawal of INCITS/ISO/IEC 7350:1991 [R2018]) Final Action Date: 8/28/2023 | *Withdrawal*

INCITS/ISO/IEC 10995:2011 [R2018], Information technology -- Digitally recorded media for information interchange and storage -- Test method for the estimation of the archival lifetime of optical media (withdrawal of INCITS/ISO/IEC 10995:2011 [R2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 19756:2011 [R2018], Information technology -- Topic Maps -- Constraint Language (TMCL) (withdrawal of INCITS/ISO/IEC 19756:2011 [R2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 20648:2016 [2018], Information technology - TLS specification for storage systems (withdrawal of INCITS/ISO/IEC 20648:2016 [2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 29164:2011 [R2018], Information technology - Biometrics - Embedded BioAPI (withdrawal of INCITS/ISO/IEC 29164:2011 [R2018]) Final Action Date: 8/28/2023 | *Withdrawal*

INCITS/ISO/IEC 40180:2017 [2018], Information technology - Quality for Learning, education and training - Fundamentals and Reference Framework - Part 1: General approach (withdrawal of INCITS/ISO/IEC 40180:2017 [2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 26300:2006/COR 1:2010 [R2018], Information technology - Open Document Format for Office Applications (OpenDocument) v1.0 - Technical Corrigendum 1 (withdrawal of INCITS/ISO/IEC 26300:2006/COR 1:2010 [R2018]) Final Action Date: 8/31/2023 | *Withdrawal*

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INCITS/ISO/IEC 26300:2006/AM 1:2012 [R2018], Information technology - Open Document Format for Office Applications (OpenDocument) v1.0 - Amendment 1: Open Document Format for Office Applications (OpenDocument) v1.1 (withdrawal of INCITS/ISO/IEC 26300:2006/AM 1:2012 [R2018]) Final Action Date: 8/31/2023 | *Withdrawal*

INCITS/ISO/IEC 26300:2006/COR 2:2011 [R2018], Information technology - Open Document Format for Office Applications (OpenDocument) v1.0 - Technical Corrigendum 2 (withdrawal of INCITS/ISO/IEC 26300:2006/COR 2:2011 [R2018]) Final Action Date: 8/31/2023 | *Withdrawal*

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ANSI C29.8-2017 (R2023), Wet Process Porcelain Insulators - Apparatus, Cap and Pin Type (reaffirmation of ANSI C29.8-2017) Final Action Date: 8/31/2023 | *Reaffirmation*

ANSI C29.10-2017 (R2023), Wet Process Porcelain Insulators - Indoor Apparatus Type (reaffirmation of ANSI C29.10-2017) Final Action Date: 8/31/2023 | *Reaffirmation*

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ANSI/ICEA S-100-685-2014 (R2023), Standard for Thermoplastic Insulated and Jacketed Telecommunications Station Wire for Indoor/Outdoor Use (reaffirmation of ANSI/ICEA S-100-685-2014) Final Action Date: 8/29/2023 | *Reaffirmation*

ANSI/ICEA S-106-703-2018 (R2023), Broadband Aerial Service Wire Aircore, Polyolefin Insulated Conductor (reaffirmation of ANSI/ICEA S-106-703-2018) Final Action Date: 8/29/2023 | *Reaffirmation*

ANSI ICEA S-109-709-2011 (R2023), Standard for Distribution Frame Wire Technical Requirements (stabilized maintenance of ANSI ICEA S-109-709-2011 (R2018)) Final Action Date: 8/31/2023 | *Stabilized Maintenance*

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ANSI/NSF 40-2023 (i58r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2022) Final Action Date: 8/18/2023 | *Revision*

ANSI/NSF 61-2023 (i164r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2022) Final Action Date: 8/25/2023 | *Revision*

ANSI/NSF 61-2023 (i166r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2022) Final Action Date: 8/30/2023 | *Revision*

ANSI/NSF 350-2023 (i78r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2022) Final Action Date: 8/23/2023 | *Revision*

ANSI/NSF/CAN 50-2023 (i189r5.1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2021) Final Action Date: 8/28/2023 | *Revision*

ULSE (UL Standards & Engagement)

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ANSI/UL 746S-2023, Standard for Safety for the Evaluation of Sustainable Polymeric Materials for Use in Electrical Equipment (new standard) Final Action Date: 8/30/2023 | *New Standard*

ULSE (UL Standards & Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709 | ashley.seward@ul.org, <https://ulse.org/>

ANSI/UL 62841-2-17-2018 (R2023), Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-17: Particular Requirements for Hand-Held Routers (reaffirmation of ANSI/UL 62841-2-17-2018) Final Action Date: 8/31/2023 | *Reaffirmation*

ANSI/UL 507-2023, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2022) Final Action Date: 8/25/2023 | *Revision*

ANSI/UL 1286-2023, Standard for Office Furnishing Systems (revision of ANSI/UL 1286-2022) Final Action Date: 8/31/2023 | *Revision*

ANSI/UL 1686-2023, Standard for Safety for Pin and Sleeve Configurations (revision of ANSI/UL 1686-2014 (R2018)) Final Action Date: 9/5/2023 | *Revision*

ANSI/UL 4200A-2023a, UL Standard for Safety for Products Incorporating Button Batteries or Coin Cell Batteries (revision of ANSI/UL 4200A-2021) Final Action Date: 8/30/2023 | *Revision*

ANSI/UL 62841-3-10-2023, UL Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-10: Particular Requirements for Transportable Cut-Off Machines (revision of ANSI/UL 62841-3-6-2018) Final Action Date: 8/25/2023 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

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

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

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

ANSI Accredited Standards Developer

APCO - Association of Public-Safety Communications Officials-International

Call for Participation is open September 1, 2023 – October 1, 2023

The [Association of Public-Safety Communications Officials \(APCO\) International](#) has issued a call for participation for working group members to participate in the revision of APCO ANS Multi-Functional Multi-Discipline Computer Aided Dispatch (CAD) Minimum Functional Requirements. The revision and redesignation of this standard provides public safety agencies with tools to assist them in planning and preparing the Request for Proposal (RFP) accurately meeting the needs of their emergency communications center (ECC). APCO is seeking participants in the User, Producer and General Interest categories.

Call for Participation is open September 1, 2023 – October 1, 2023. Contact person is Mindy Adams at adamsm@apcointl.org or 469-424-7599.

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 1330 (SI)-202x, Performance Rating for Radiant Output of Gas Fired Infrared Heaters (revision of ANSI/AHRI Standard 1330-2015)

ASABE (American Society of Agricultural and Biological Engineers)

2590 Niles Road, Saint Joseph, MI 49085 | stell@asabe.org, <https://www.asabe.org/>

BSR/ASABE AD26322-1:2008 NOV16 (R202x), Tractors for agriculture and forestry - Safety - Part 1: Standard tractors (reaffirmation of ANSI/ASABE AD26322-1:2008 NOV16 (R2020))

NSF (NSF International)

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

BSR/NSF 14-202x (i130r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2022)

NSF (NSF International)

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

BSR/NSF 14-202x (i131r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2022)

NSF (NSF International)

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

BSR/NSF 49-202x (i182r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2022)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 230 om-2013 (R202x), Viscosity of pulp (capillary viscometer method) (reaffirmation of ANSI/TAPPI T 230 om-2013 (R2019))

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 282 om-2013 (R202x), Hexeneuronic acid content of chemical pulp (reaffirmation of ANSI/TAPPI T 282 om-2013 (R2019))

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 410 om-2013 (R202x), Grammage of paper and paperboard (weight per unit area) (reaffirmation of ANSI/TAPPI T 410 om-2013 (R2019))

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 452 om-202x, Brightness of pulp, paper, and paperboard (directional reflectance at 457 nm) (revision of ANSI/TAPPI T 452 om-2018)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 496 sp-2013 (R202x), Specimen preparation for cross directional internal tearing resistance for paper, paperboard and related materials (reaffirmation of ANSI/TAPPI T 496 sp-2013 (R2019))

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 545 om-202x2x, Cross-machine grammage profile measurement (gravimetric method) (revision of ANSI/TAPPI T 545 om-2020)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 692 om-202x2x, Determination of suspended solids in kraft green and white liquors (revision of ANSI/TAPPI T 692 om-2013)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 811 om-202x2x, Edgewise compressive strength of corrugated fiberboard (short column test) (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 1501 sg-2018 (R202x), Training standard for paper machine tender (reaffirmation of ANSI/TAPPI T 1501 sg-2018)

ULSE (UL Standards & Engagement)

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

BSR/UL 2901A-202x, Standard for Corrosion Control Additives for Use in Fire Sprinkler Systems (new standard)

ULSE (UL Standards & Engagement)

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

BSR/UL 2901B-202x, Standard for Vapor Corrosion Inhibitors for Use in Fire Sprinkler Systems (new standard)

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:
<https://www.ansi.org/portal/psawebforms/>
- Information about standards Incorporated by Reference (IBR):
<https://ibr.ansi.org/>
- ANSI - Education and Training:
www.standardstolearn.org

Accreditation Announcements (Standards Developers)

Public Review of Revised ASD Operating Procedures

ADA (Organization) - American Dental Association

Comment Deadline: October 9, 2023

ADA - The American Dental Association, an Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on ADA -sponsored American National Standards, under which it was last reaccredited in 2022. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Paul Bralower, American Dental Association (ADA) | 211 East Chicago Avenue, Chicago, IL 60611-2678 | (312) 587-4129, bralowerp@ada.org

To view/download a copy of the revisions during the public review period, [click here](#).

Please submit any public comments on the revised procedures to ADA by **October 9, 2023**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompo@ANSI.org)

Public Review of Revised ASD Operating Procedures

ASIS - ASIS International

Comment Deadline: October 9, 2023

ASIS International, an Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on ASIS-sponsored American National Standards, under which it was last reaccredited in 2022. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Aivelis Opicka, ASIS International (ASIS) | 1625 Prince Street, Alexandria, VA 22314-2818 | (703) 518-1439, standards@asisonline.org

To view/download a copy of the revisions during the public review period, [click here](#).

Please submit any public comments on the revised procedures to ASIS by **October 9, 2023**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompo@ANSI.org)

Accreditation Announcements (Standards Developers)

Public Review of Revised ASD Operating Procedures

TAPPI - Technical Association of the Pulp and Paper Industry

Comment Deadline: October 9, 2023

TAPPI - Technical Association of the Pulp and Paper Industry, an Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on TAPPI-sponsored American National Standards, under which it was last reaccredited in 2018. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Brittaney Lovett, Technical Association of the Pulp and Paper Industry (TAPPI) | 15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | (770) 209-7249, BLovett@tappi.org

To view/download a copy of the revisions during the public review period, [click here](#).

Please submit any public comments on the revised procedures to TAPPI by **October 9, 2023**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org)

American National Standards Under Continuous Maintenance

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

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

AAMI (Association for the Advancement of Medical Instrumentation)
AARST (American Association of Radon Scientists and Technologists)
AGA (American Gas Association)
AGSC (Auto Glass Safety Council)
ASC X9 (Accredited Standards Committee X9, Incorporated)
ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
ASME (American Society of Mechanical Engineers)
ASTM (ASTM International)
GBI (Green Building Initiative)
HL7 (Health Level Seven)
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)
TMA (The Monitoring Association)
ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

AAFS

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

Teresa Ambrosius
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AHRI

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

Karl Best
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ANS

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

Kathryn Murdoch
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APTech (ASC CGATS)

Association for Print Technologies
450 10th Circle N
Nashville, TN 37203
www.printtechnologies.org

Debra Orf
dorf@apttech.org

ARESCA

American Renewable Energy Standards
and Certification Association
256 Farrell Farm Road
Norwich, VT 05055
www.aresca.us

George Kelly
secretary@aresca.us

ASA (ASC S12)

Acoustical Society of America
1305 Walt Whitman Road, Suite 300
Melville, NY 11747
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Raegan Ripley
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ASABE

American Society of Agricultural and
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ASABE

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ASC X9

Accredited Standards Committee X9,
Incorporated
275 West Street, Suite 107
Annapolis, MD 21401
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ASHRAE

American Society of Heating, Refrigerating
and Air-Conditioning Engineers, Inc.
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Thomas Loxley
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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

ASSP (Safety)

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

Tim Fisher
TFisher@ASSP.org

ASTM

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

Laura Klineburger
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CSA

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

Debbie Chesnik
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ESTA

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

Richard Nix
standards@esta.org

FM

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

Josephine Mahnken
josephine.mahnken@fmapprovals.com

HI

Hydraulic Institute
300 Interpace Parkway, Building A, 3rd
Floor, #280
Parsippany, NJ 07054
www.pumps.org

Alexander Moser
amoser@pumps.org

HPS (ASC N13)

Health Physics Society
950 Herndon Parkway, Suite 450
Herndon, VA 20170
www.hps.org

Amy Wride-Graney
awride-graney@burkinc.com

IAPMO (ASSE Chapter)

ASSE International Chapter of IAPMO
18927 Hickory Creek Drive, Suite 220
Mokena, IL 60448
www.asse-plumbing.org

Terry Burger
terry.burger@asse-plumbing.org

IAPMO (Z)

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

Terry Burger
terry.burger@asse-plumbing.org

IEST

Institute of Environmental Sciences and
Technology
1827 Walden Office Square, Suite 400
Schaumburg, IL 60173
www.iest.org

Jennifer Sklena
jsklena@iest.org

IICRC

The Institute of Inspection, Cleaning and
Restoration Certification
4043 South Eastern Avenue
Las Vegas, NV 89119
https://www.iicrc.org

Mili Washington
mwashington@iicrcnet.org

ITI (INCITS)

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

Deborah Spittle
comments@standards.incits.org

Rachel Porter
comments@standards.incits.org

NCPDP

National Council for Prescription Drug
Programs
9240 East Raintree Drive
Scottsdale, AZ 85260
www.ncdp.org

Margaret Weiker
mweiker@ncdp.org

NEMA (ASC C29)

National Electrical Manufacturers
Association
1300 17th St N #900,
Arlington, VA 22209
www.nema.org

Paul Crampton
Paul.Crampton@nema.org

NEMA (ASC C8)

National Electrical Manufacturers
Association
1300 North 17th Street, Suite 900
Arlington, VA 22209
www.nema.org

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NFPA

National Fire Protection Association
One Batterymarch Park
Quincy, MA 02169
www.nfpa.org

Dawn Michele Bellis
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NSF

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789 N. Dixboro Road
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ULSE

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ULSE

UL Standards & Engagement
47173 Benicia Street
Fremont, CA 94538
https://ulse.org/

Derrick Martin
Derrick.L.Martin@ul.org

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

Aircraft and space vehicles (TC 20)

ISO/DIS 14721, Space Data System Practices - Reference model for an open archival information system (OAIS) - 11/19/2023, \$175.00

Applications of statistical methods (TC 69)

ISO/DIS 11843-7, Capability of detection - Part 7: Methodology based on stochastic properties of instrumental noise - 11/23/2023, \$71.00

Biotechnology (TC 276)

ISO/DIS 18162, Biotechnology - Biobanking - Requirements for human neural stem cells derived from pluripotent stem cells - 11/17/2023, \$88.00

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

ISO/DIS 21474-3, In vitro diagnostic medical devices - Multiplex molecular testing for nucleic acids - Part 3: Interpretation and reports - 11/23/2023, \$62.00

Concrete, reinforced concrete and pre-stressed concrete (TC 71)

ISO/DIS 16521, Design standard for concrete-filled steel tubular (CFST) hybrid structures - 11/23/2023, \$155.00

Cranes (TC 96)

ISO/DIS 12480-1.2, Cranes - Safe use - Part 1: General - 9/11/2023, \$71.00

Dimensional and Geometrical Product Specifications and Verification (TC 213)

ISO/DIS 16610-31, Geometrical product specifications (GPS) - Filtration - Part 31: Robust profile filters: Gaussian regression filters - 11/23/2023, \$77.00

ISO/DIS 25178-603, Geometrical product specifications (GPS) - Surface texture: Areal - Part 603: Design and characteristics of non-contact (phase shifting interferometry) instruments - 11/16/2023, \$77.00

ISO/DIS 25178-605, Geometrical product specifications (GPS) - Surface texture: Areal - Part 605: Design and characteristics of non-contact (point autofocus probe) instruments - 11/16/2023, \$71.00

Footwear (TC 216)

ISO/DIS 20537.2, Footwear - Identification of defects during visual inspection - Vocabulary - 9/9/2023, \$98.00

Light and Lighting (TC 274)

ISO/CIE DIS 8995-1, Light and lighting - Lighting of work places - Part 1: Indoor - 11/18/2023, \$165.00

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

ISO/DIS 5124, LNG tank wagon/container loading & unloading - 11/23/2023, \$71.00

Mechanical testing of metals (TC 164)

ISO/DIS 7039, Metallic materials - Tensile testing - Method for evaluating the susceptibility of materials to the effects of high-pressure gas within hollow test pieces - 11/19/2023, \$53.00

ISO/DIS 6506-1, Metallic materials - Brinell hardness test - Part 1: Test method - 11/16/2023, \$67.00

ISO/DIS 6506-2, Metallic materials - Brinell hardness test - Part 2: Verification and calibration of testing machines - 11/16/2023, \$67.00

ISO/DIS 6506-3, Metallic materials - Brinell hardness test - Part 3: Calibration of reference blocks - 11/16/2023, \$53.00

Optics and optical instruments (TC 172)

ISO/DIS 7944, Optics and optical instruments - Reference wavelengths - 11/16/2023, \$33.00

Sieves, sieving and other sizing methods (TC 24)

ISO/DIS 13317-5, Determination of particle size distribution by gravitational liquid sedimentation methods - Part 5: Photosedimentation techniques - 11/23/2023, \$125.00

Steel (TC 17)

ISO/DIS 9658, Steel - Determination of aluminium content - Flame atomic absorption spectrometric method - 11/16/2023, \$67.00

Sustainable development in communities (TC 268)

ISO/DIS 37125, Sustainable cities and communities - Environmental, social, and governance (ESG) indicators for cities - 11/17/2023, \$165.00

Terminology (principles and coordination) (TC 37)

ISO/DIS 20109, Simultaneous interpreting - Equipment - Requirements - 11/18/2023, \$88.00

Tourism and related services (TC 228)

ISO/DIS 16520, Tourism and related services - Restaurants and caterings - Vocabulary - 11/17/2023, \$71.00

Transport information and control systems (TC 204)

ISO/DIS 15784-2, Intelligent transport systems (ITS) - Data exchange involving roadside modules communication - Part 2: Centre to field device communications using SNMP - 11/19/2023, \$77.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 42006, Information technology - Artificial intelligence - Requirements for bodies providing audit and certification of artificial intelligence management systems - 11/18/2023, \$93.00

ISO/IEC DIS 23092-1, Information technology - Genomic information representation - Part 1: Transport and storage of genomic information - 11/19/2023, \$175.00

ISO/IEC DIS 29110-5-1-2, Systems and software engineering - Lifecycle profiles for Very Small Entities (VSEs) - Part 5-1-2: Management and engineering guide: Generic profile group: Basic profile - 11/19/2023, \$155.00

IEC Standards

All-or-nothing electrical relays (TC 94)

94/941/CDV, IEC 61810-7-21 ED1: Electrical relays - Tests and Measurements - Part 7-21: Thermal Endurance, 11/24/2023

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

100/4037/DTR, IEC TR 63478-1 ED1: User's Quality of Experience (QoE) on Multimedia Conferencing Services - Part 1: General, 10/27/2023

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

46/946/FDIS, IEC 60966-3-1 ED4: Radio frequency and coaxial cable assemblies - Part 3-1: Blank detail specification for semi-flexible coaxial cable assemblies, 10/13/2023

46/947/CD, IEC 63466 ED1: Leaky waveguide Part 1: Generic specification - General requirements and test methods, 11/24/2023

Capacitors and resistors for electronic equipment (TC 40)

40/3074(F)/FDIS, IEC 60393-4 ED3: Potentiometers for use in electronic equipment - Part 4: Sectional specification: Single-turn rotary power potentiometers, 09/22/2023

Electric road vehicles and electric industrial trucks (TC 69)

69/909(F)/FDIS, IEC 61851-24 ED2: Electric vehicle conductive charging system - Part 24: Digital communication between a DC EV supply equipment and an electric vehicle for control of DC charging, 09/15/2023

Electric traction equipment (TC 9)

9/3000/CD, IEC 63452 ED1: Railway applications - Cybersecurity, 11/24/2023

Electrical accessories (TC 23)

23H/541/CD, IEC 63066 ED1: Low-voltage docking connectors for removable energy storage units, 11/24/2023

Electrical Energy Storage (EES) Systems (TC 120)

120/331(F)/FDIS, IEC 62933-5-3 ED1: Electrical energy storage (EES) systems Part 5-3: Safety requirements for grid-integrated EES systems - Performing unplanned modification of electrochemical based system, 09/15/2023

Electrical equipment in medical practice (TC 62)

62D/2067(F)/FDIS, IEC 60601-2-19/AMD1 ED3: Amendment 1 - Medical electrical equipment - Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators, 09/22/2023

62D/2068(F)/FDIS, IEC 60601-2-20/AMD1 ED3: Amendment 1 - Medical electrical equipment - Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators, 09/22/2023

62D/2069(F)/FDIS, IEC 60601-2-50/AMD1 ED3: Amendment 1 - Medical electrical equipment - Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment, 09/22/2023

62D/2062/CDV, IEC 80601-2-71 ED2: Medical electrical equipment - Part 2-71: Particular requirements for the basic safety and essential performance of functional near-infrared spectroscopy (NIRS) equipment, 11/24/2023

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

48D/765/FDIS, IEC 61969-3 ED4: Mechanical structures for electrical and electronic equipment - Outdoor enclosures - Part 3: Environmental requirements, tests and safety aspects, 10/13/2023

48B/3062/FDIS, IEC 63171-1 ED2: Connectors for electrical and electronic equipment - Part 1: Detail specification for 2-way, shielded or unshielded, free and fixed connectors - Mechanical mating information, pin assignment and additional requirements for Type 1 (copper LC style), 10/13/2023

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

111/723/FDIS, IEC 62321-11 ED1: Determination of certain substances in electrotechnical products - Part 11: Tris(2-chloroethyl) phosphate (TCEP) in plastics by gas chromatography-mass spectrometry (GC-MS) and liquid chromatography-mass spectrometry (LC-MS), 10/13/2023

Industrial-process measurement and control (TC 65)

65C/1268(F)/FDIS, IEC 61139-3 ED1: Industrial networks - Single-drop digital communication interface - Part 3: Wireless extensions, 09/15/2023

65/1021/FDIS, IEC 62443-2-4 ED2: Security for industrial automation and control systems - Part 2-4: Security program requirements for IACS service providers, 10/13/2023

65E/1031/FDIS, IEC 62453-302 ED3: Field device tool (FDT) interface specification - Part 302: Communication profile integration - IEC 61784 CPF 2, 10/13/2023

65C/1269/CD, IEC 62541-15 ED1: OPC Unified Architecture - Part 15: Safety, 11/24/2023

Lamps and related equipment (TC 34)

34A/2370/FDIS, IEC 60809/AMD1 ED4: Amendment 1 - Lamps and light sources for road vehicles - Dimensional, electrical and luminous requirements, 10/13/2023

Measuring equipment for electromagnetic quantities (TC 85)

85/887/CDV, IEC 61557-10 ED3: Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 10: Combined measuring equipment, 11/24/2023

85/886/CDV, IEC 62974-1 ED2: Monitoring and measuring systems used for data collection, gathering and analysis - Part 1: Device requirements, 11/24/2023

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

106/612(F)/CDV, IEC/IEEE 63184 ED1: Assessment Methods of the Human Exposure to Electric and Magnetic Fields from Wireless Power Transfer Systems - Models, Instrumentation, Measurement and Computational Methods and Procedures (Frequency Range of 3 kHz to 30 MHz), 11/17/2023

Performance of household electrical appliances (TC 59)

59L/239/CDV, IEC 60704-2-9 ED2: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-9: Particular requirements for electric hair care appliances, 11/24/2023

59F/480(F)/FDIS, IEC/ASTM 62885-6 ED2: Surface cleaning appliances - Part 6: Wet hard floor cleaning appliances for household or similar use - Methods for measuring the performance, 09/15/2023

Power system control and associated communications (TC 57)

57/2616/CD, IEC TR 63353 ED1: IIoT applications in power distribution systems management: Architecture and functional requirements, 11/24/2023

Primary cells and batteries (TC 35)

35/1526/CD, IEC 60086-4 ED6: Primary batteries - Part 4: Safety of lithium batteries, 10/27/2023

Rotating machinery (TC 2)

2/2153/FDIS, IEC 60034-27-2 ED1: Rotating electrical machines - Part 27-2: On-line partial discharge measurements on the stator winding insulation, 10/13/2023

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

116/674/CDV, IEC 62841-4-10 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-10: Particular requirements for pole-mounted pruners, 11/24/2023

116/673/CDV, IEC 62841-4-9 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-9: Particular requirements for battery-powered chain saws for tree service, 11/24/2023

116/688/NP, PNW 116-688 ED1: Electric motor-operated tools - Dust measurement procedure - Part 2-4: Particular requirements for hand-held sanders, 10/27/2023

116/689/NP, PNW 116-689 ED1: Electric motor-operated tools - Dust measurement procedure - Part 2-5: Particular requirements for hand-held circular saws, 10/27/2023

116/690/NP, PNW 116-690 ED1: Electric motor-operated tools - Dust measurement procedure - Part 2-11: Particular requirements for hand-held reciprocating saws, 10/27/2023

Secondary cells and batteries (TC 21)

21/1175/CD, IEC 60095-8 ED1: Lead-acid starter batteries - Part 8: 12V Batteries used in automobiles for auxiliary or backup purposes, 11/24/2023

Solar photovoltaic energy systems (TC 82)

82/2181/CD, IEC 62941 ED2: Terrestrial photovoltaic (PV) modules - Quality system for PV module manufacturing, 11/24/2023

82/2177/CD, IEC TS 62257-301 ED1: Renewable energy off-grid systems - Part 301: Generators - Integration of solar with other forms of power generation within hybrid power systems, 10/27/2023

82/2178/CD, IEC TS 62257-341 ED1: Renewable energy off-grid systems - Part 341: Selection of batteries and battery management systems for stand-alone electrification systems - Specific case of automotive flooded lead-acid batteries available in developing countries, 10/27/2023

82/2179/CD, IEC TS 62257-350 ED1: Renewable energy off-grid systems - Part 350: Recommendations for selection of inverters, 10/27/2023

82/2182/CD, IEC TS 63126 ED2: Guidelines for qualifying PV modules, components and materials for operation at high temperatures, 11/24/2023

Standard voltages, current ratings and frequencies (TC 8)

8/1675/CD, IEC TR 63222-101 Power quality management - Part 101: Power quality data application, 10/27/2023

8C/76/CD, IEC TR 63515 ED1: Conceptual Framework of Power System Resilience, 11/24/2023

8/1673/CD, IEC TS 63222-4 ED1: Power quality management - Part 4: Harmonic analysis over public supply network, 10/27/2023

Switchgear and controlgear (TC 17)

17A/1387/CDV, IEC 62271-100/AMD1 ED3: Amendment 1 - High-voltage switchgear and controlgear - Part 100: Alternating-current circuit-breakers, 11/24/2023

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

121A/571/FDIS, IEC 60947-4-1 ED5: Low-voltage switchgear and controlgear - Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters, 10/13/2023

121A/569/FDIS, IEC 62626-1 ED2: Low-voltage switchgear and controlgear enclosed equipment - Part 1: Additional requirements for enclosed switch-disconnectors in accordance with IEC 60947-3 - Isolation of electrical equipment during repair and maintenance work in specific applications, 10/13/2023

(TC 129)

129/26/CDV, IEC 63439-1-1 ED1: Terminology for Electric Power Robots, 11/24/2023



Newly Published ISO & IEC Standards

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

ISO Standards

Agricultural food products (TC 34)

[ISO 24364:2023](#), Royal jelly production, \$77.00

Aircraft and space vehicles (TC 20)

[ISO 17689:2023](#), Space systems - Interface control documents between ground systems, ground support equipment and launch vehicle with payload, \$116.00

Anaesthetic and respiratory equipment (TC 121)

[ISO 15002:2023](#), Flow control devices for connection to a medical gas supply system, \$157.00

Cranes (TC 96)

[ISO 23853:2023](#), Cranes - Training of slingers and signallers, \$157.00

Cycles (TC 149)

[ISO 11243:2023](#), Cycles - Luggage carriers for bicycles - Requirements and test methods, \$183.00

[ISO 6742-1:2023](#), Cycles - Lighting and retro-reflective devices - Part 1: Lighting and light signalling devices, \$157.00

[ISO 6742-2:2023](#), Cycles - Lighting and retro-reflective devices - Part 2: Retro-reflective devices, \$157.00

[ISO 6742-3:2023](#), Cycles - Lighting and retro-reflective devices - Part 3: Installation and use of lighting and retro-reflective devices, \$77.00

[ISO 6742-4:2023](#), Cycles - Lighting and retro-reflective devices - Part 4: Lighting systems powered by the cycles movement, \$116.00

[ISO 6742-5:2023](#), Cycles - Lighting and retro-reflective devices - Part 5: Lighting systems not powered by the cycles movement, \$51.00

Fasteners (TC 2)

[ISO 4033:2023](#), Fasteners - Hexagon high nuts (style 2), \$51.00

[ISO 4035:2023](#), Fasteners - Hexagon thin nuts (style 0), \$77.00

[ISO 8673:2023](#), Fasteners - Hexagon regular nuts (style 1), with fine pitch thread, \$77.00

[ISO 8674:2023](#), Fasteners - Hexagon high nuts (style 2), with fine pitch thread, \$51.00

[ISO 8675:2023](#), Fasteners - Hexagon thin nuts (style 0), with fine pitch thread, \$77.00

Health Informatics (TC 215)

[ISO 22077-2:2023](#), Health informatics - Medical waveform format - Part 2: Electrocardiography, \$183.00

[ISO 22077-3:2023](#), Health informatics - Medical waveform format - Part 3: Long-term electrocardiography, \$183.00

Metallic and other inorganic coatings (TC 107)

[ISO 14920:2023](#), Thermal spraying - Spraying and fusing of self-fluxing alloys, \$77.00

Natural gas (TC 193)

[ISO 2614:2023](#), Analysis of natural gas - Biomethane - Determination of terpenes content by micro gas chromatography, \$77.00

Nuclear energy (TC 85)

[ISO 7753:2023](#), Nuclear criticality safety - Use of criticality accident alarm systems for operations, \$183.00

[ISO 20956:2023](#), Radiological protection - Low dose rate calibration of instruments for environmental and area monitoring, \$116.00

Paints and varnishes (TC 35)

[ISO 6923:2023](#), Paints and varnishes - Determination of monomeric diisocyanate content in coating materials and similar products using high performance liquid chromatography with ultraviolet detection (HPLC-UV), \$77.00

Plastics (TC 61)

[ISO 1172:2023](#), Textile-glass-reinforced plastics - Prepregs, moulding compounds and laminates - Determination of the textile-glass and mineral-filler content using calcination methods, \$77.00

[ISO 13927:2023](#), Plastics - Simple heat release test using a conical radiant heater and a thermopile detector, \$157.00

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

[ISO 9854-2:2023](#), Thermoplastics pipes for the transport of fluids - Determination of Charpy impact properties - Part 2: Test conditions for pipes of various materials, \$51.00

Rare earth (TC 298)

[ISO 23596:2023](#), Rare earth - Determination of rare earth content in individual rare earth metals and their compounds - Gravimetric method, \$77.00

[ISO 23597:2023](#), Rare earth - Determination of rare earth content in individual rare earth metals and their oxides - Titration method, \$77.00

Refrigeration (TC 86)

[ISO 5222-1:2023](#), Heat recovery ventilators and energy recovery ventilators - Testing and calculating methods for seasonal performance factor - Part 1: Sensible heating recovery seasonal performance factors of heat recovery ventilators (HRV), \$157.00

Road vehicles (TC 22)

[ISO 20653:2023](#), Road vehicles - Degrees of protection (IP code) - Protection of electrical equipment against foreign objects, water and access, \$157.00

[ISO 28741:2023](#), Road vehicles - Spark-plugs and their cylinder head housings - Basic characteristics and dimensions, \$157.00

[ISO 8092-2:2023](#), Road vehicles - Connections for on-board electrical wiring harnesses - Part 2: Terminology, test methods and general performance requirements, \$210.00

[ISO 19642-2:2023](#), Road vehicles - Automotive cables - Part 2: Test methods, \$263.00

[ISO 15500-23:2023](#), Road vehicles - Compressed natural gas (CNG) fuel system components - Part 23: Gas temperature sensor, \$51.00

Rubber and rubber products (TC 45)

[ISO 4633:2023](#), Rubber seals - Joint rings for water supply, drainage and sewerage pipelines - Specification for materials, \$116.00

[ISO 5978:2023](#), Rubber- or plastics-coated fabrics - Determination of blocking resistance, \$51.00

Ships and marine technology (TC 8)

[ISO 9519:2023](#), Ships and marine technology - Single rungs and rungs for dog-step ladders, \$77.00

[ISO 22822:2023](#), Large yachts - Quality assessment and acceptance criteria - Dynamic positioning on large yachts, \$116.00

ISO Technical Reports**Measurement of fluid flow in closed conduits (TC 30)**

[ISO/TR 15377:2023](#), Measurement of fluid flow by means of pressure-differential devices - Guidelines for the specification of orifice plates, nozzles and Venturi tubes beyond the scope of ISO 5167 series, \$183.00

Transport information and control systems (TC 204)

[ISO/TR 12770:2023](#), Intelligent transport systems - Mobility integration - ITS data aggregation role and functional model, \$77.00

ISO Technical Specifications**Transport information and control systems (TC 204)**

[ISO/TS 23374-2:2023](#), Intelligent transport systems - Automated valet parking systems (AVPS) - Part 2: Security integration for type 3 AVP, \$210.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 20619:2023](#), Information technology - C# specification suite, \$51.00

[ISO/IEC 14443-2:2020/Cor 2:2023](#), Corrigendum, FREE

[ISO/IEC 23837-1:2023](#), Information security - Security requirements, test and evaluation methods for quantum key distribution - Part 1: Requirements, \$237.00

IEC Standards**Electric traction equipment (TC 9)**

[IEC 63190 Ed. 1.0 b:2023](#), Railway applications - Fixed installations - Electric traction - Copper and copper alloy catenary wires for overhead contact line systems, \$278.00

[IEC 62973-5 Ed. 1.0 b:2023](#), Railway applications - Rolling stock - Batteries for auxiliary power supply systems - Part 5: Lithium-ion batteries, \$278.00

Electrical equipment in medical practice (TC 62)

[IEC 60601-2-76 Amd.1 Ed. 1.0 b:2023](#), Amendment 1 - Medical electrical equipment - Part 2-76: Particular requirements for the basic safety and essential performance of low energy ionized gas haemostasis equipment, \$13.00

[IEC 60601-2-76 Ed. 1.1 b:2023](#), Medical electrical equipment - Part 2-76: Particular requirements for the basic safety and essential performance of low energy ionized gas haemostasis equipment, \$316.00

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

[IEC/IEEE 80005-1 Amd.2 Ed. 2.0 en:2023](#), Amendment 2 - Utility connections in port - Part 1: High voltage shore connection (HVSC) systems - General requirements, \$25.00

[IEC/IEEE 80005-1 Ed. 2.2 en:2023](#), Utility connections in port - Part 1: High voltage shore connection (HVSC) systems - General requirements, \$582.00

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

[IEC 63333 Ed. 1.0 en:2023](#), General method for assessing the proportion of reused components in products, \$145.00

Industrial-process measurement and control (TC 65)

[IEC 61511-SER Ed. 1.0 b:2021](#), Functional safety - Safety instrumented systems for the process industry sector - ALL PARTS, \$1823.00

Insulation co-ordination for low-voltage equipment (TC 109)

[IEC 60664-SER Ed. 1.0 b:2021](#), Insulation coordination for equipment within low-voltage systems - ALL PARTS, \$1355.00

Power electronics (TC 22)

[IEC 61800-5-1/COR1 Ed. 3.0 b Cor.1:2023](#), Corrigendum 1 - Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy, \$0.00

IEC Technical Reports**Nuclear instrumentation (TC 45)**

[IEC/TR 63415 Ed. 1.0 en:2023](#), Nuclear Power plants - Instrumentation and control systems - Use of formal security models for I&C security architecture design and assessment, \$367.00

Standard voltages, current ratings and frequencies (TC 8)

[IEC/TR 63222-100 Ed. 1.0 en:2023](#), Power quality management - Part 100: Impact of power quality issues on electric equipment and power system, \$455.00

IEC Technical Specifications**Standard voltages, current ratings and frequencies (TC 8)**

[IEC/TS 62898-1 Amd.1 Ed. 1.0 en:2023](#), Amendment 1 - Microgrids - Part 1: Guidelines for microgrid projects planning and specification, \$95.00

[IEC/TS 62898-1 Ed. 1.1 en:2023](#), Microgrids - Part 1: Guidelines for microgrid projects planning and specification, \$468.00

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Urban Logistics

Comment Deadline: September 22, 2023

KATS, the ISO member body for South Korea, has submitted to ISO a proposal for a new field of ISO technical activity on Urban Logistics, with the following scope statement:

Standardization in the field of urban logistics technology and services, including but not limited to terms, functions, assessments and evaluations, and requirements for economical, efficient and eco-friendly urban logistics.

The goal of the technical committee is to help build urban logistics technologies and services that are sustainable, socially and economically responsible.

Standardization activities are technologies and services for efficient and sustainable urban logistics required for cities that are constantly evolving and expanding due to rapid population growth and digital transformation.

Excluded: Standardization covered by

- *ISO/TC 22 - Road vehicles*
- *ISO/TC 34 - Food products*
- *ISO/TC 92 - Fire safety*
- *ISO/TC 101 - Continuous mechanical handling equipment*
- *ISO/TC 122 - Packaging*
- *ISO/TC 176 - Quality management and quality assurance*
- *ISO/TC 204 - Intelligent transport systems*
- *ISO/TC 262 - Risk management*
- *ISO/TC 268 - Sustainable cities and communities*
- *ISO/TC 283 - Occupational health and safety management*
- *ISO/IEC JTC 1 - Information technology*
- *ISO/TC 308 - Chain of custody*
- *ISO/TC 315 - Cold chain logistics*
- *ISO/TC 321 - Transaction assurance in E-commerce*
- *ISO/TC 344 – Innovative logistics.*

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, September 22, 2023.

International Organization for Standardization (ISO)

ISO Proposal for the Reactivation of ISO Technical Activity

Boilers and pressure vessels

Comment Deadline: September 22, 2023

SAC, the ISO member body for China, has submitted to ISO a proposal for the reactivation of ISO/TC 11 (Boilers and pressure vessels) which has been in ISO ‘standby’ mode for a number of years due to inactivity. The scope of ISO/TC 11 is as follows:

Standardization of construction of boilers and pressure vessels.

Excluded:

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

Note:

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

Anyone wishing to review the proposal can request a copy by contacting ANSI’s ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, September 22, 2023.

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4975.

When organization names are submitted to ANSI for registration, they will be listed here alphanumerically.

Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

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

Online Resources:

WTO's ePing SPS&TBT platform: <https://epingalert.org/>

Register for ePing: <https://epingalert.org/en/Account/Registration>

WTO committee on Agriculture, Sanitary and Phytosanitary (SPS) measures:

https://www.wto.org/english/tratop_e/sps_e/sps_e.htm

WTO Committee on Technical Barriers to Trade (TBT): https://www.wto.org/english/tratop_e/tbt_e/tbt_e.htm

USA TBT Enquiry Point: <https://www.nist.gov/standardsgov/usa-wto-tbt-enquiry-point>

Comment guidance:

<https://www.nist.gov/standardsgov/guidance-us-stakeholders-commenting-notifications-made-wto-members-tbt-committee>

NIST: <https://www.nist.gov/>

TANC: <https://www.trade.gov/office-trade-agreements-negotiation-and-compliance-tanc>

Examples of TBTs: https://tcc.export.gov/report_a_barrier/trade_barrier_examples/index.asp.

Report Trade Barriers: https://tcc.export.gov/Report_a_Barrier/index.asp.

USDA FAS: <https://www.fas.usda.gov/about-fas>

FAS contribution to free trade agreements: <https://www.fas.usda.gov/topics/trade-policy/trade-agreements>

Tracking regulatory changes: <https://www.fas.usda.gov/tracking-regulatory-changes-wto-members>

USTR WAMA: <https://ustr.gov/trade-agreements/wto-multilateral-affairs/wto-issues/technical-barriers-trade>

Contact the USA TBT Enquiry Point at (301) 975-2918; E usatbtep@nist.gov or notifyus@nist.gov.



**BSR/ASHRAE/IES Addendum b
to ANSI/ASHRAE/IES Standard 202-2018**

First Public Review Draft

**Proposed Addendum b to
Standard 202-2018,
Commissioning Process for New
Buildings and New Systems**

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

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BSR/ASHRAE/IES Addendum b to ANSI/ASHRAE/IES Standard 202-2018, *Commissioning Process for New Buildings and New Systems*

First Public Review Draft

(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 adds requirements for what must be provided by the commissioning process provider for Owner review and acceptance in initiating the commissioning process.

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

Addendum b to Standard 202-2018

Modify Section 5 as follows. The remainder of Section t remains unchanged.

5. INITIATING THE COMMISSIONING PROCESS

[...]

5.1.2 The Owner is responsible for selecting qualified Project Team members. The CxP directs the Cx and shall be an objective advocate of the Owner. The CxP shall possess experience in executing the Cx steps as defined in this standard. The CxP shall assemble a team of individuals with the technical experience required for the systems being commissioned. Technical experience shall be relevant in providing the content of the following as described in the RFP scope:

- a. Cx specifications
- b. Design reviews
- c. Submittal reviews
- d. Construction observation
- e. Test script generation
- f. Evaluation of testing and test reports

The CxP shall provide a summary of technical topics that will be reviewed during design and submittal reviews and construction observation and testing.

~~5.1.35-1.2~~ Providing Direction and Acceptance. The Owner shall provide direction, reviews, and acceptance as required throughout the project and the Cx.

[...]

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

NSF/ANSI Standard
for Plastics —

Plastics Piping System Components and Related Materials

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-
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9 Quality assurance

Table 9.26
Fittings or appurtenances used in PVC
or CPVC systems

Test	Frequency
dimensions	
body wall thickness	weekly
socket bottom average diameter and out-of-roundness ^b	24 h
socket entrance average diameter and out-of-roundness ^b	24 h
socket depth ^{ab}	24 h
socket wall thickness	24 h
spigot ends of fittings, minimum wall thickness	24 h
thread length ^a	weekly
thread gauge	24 h
all other required insert dimensions	weekly
burst pressure	weekly
product standard(s)	ASTM F1970
^a Socket depth and thread length are only required to be verified at the time a new tool is “qualified” or when new or repaired cores are made.	
^b Plug gauges are permitted, provided that the mold has been qualified by complete dimensioning and performance of appropriate testing on all mold cavities to verify compliance with the referenced standard.	

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NSF/ANSI Standard
for Plastics —

Plastics Piping System Components and Related Materials

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9 Quality assurance

Table 9.6
ABS pipe testing frequency

Test	Pressure	DWV	DWV cellular core
burst pressure ^a	24 h	—	—
pipe outside diameter	2 h	2 h	2 h
pipe wall thickness	2 h	2 h	2 h
pipe out-of-roundness	2 h	2 h	2 h
flattening resistance	annually	24 h ^b	24 h
impact at 22.8 °C (73 °F) ^b	—	24 h	—
impact at 0 °C (32 °F) ^{ab}	—	—	24 h
joint tightness	—	—	—
stiffness	—	24 h ^b	24 h
sustained pressure	annually	—	—
tup puncture resistance	—	—	—
ash content	—	—	semiannually
ash composition	—	—	semiannually
product standard(s)	ASTM F2806 ASTM F2969	ASTM D2661 CSA B181.1	ASTM F628

^a If one material is continuously used in several machines or sizes, and when a steady-state operation is obtained on each machine, sample selection shall be from a different extruder each day, rotated in sequence among all machines or sizes.

^b Testing not required for pipe listed only to CSA B181.1.

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NSF/ANSI International Standard for Biosafety Cabinetry —

Biosafety Cabinetry: Design, Construction, Performance, and Field Certification

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Normative Annex 1 (formerly Annex A)

Performance tests

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N-1.14.3 Acceptance

N-1.14.4 The canopy alarm shall activate within 15 s of loss of capture of the visible medium.

N-1.14.5 Inflow velocity shall not be reduced by more than ~~10 ft/min (0.051 m/s)~~ to less than the lowest value verified by the NSF/ANSI 49 biological challenge testing after turning the facility exhaust off.

Rationale: revised language to eliminate inconsistency between N-1 and Section 5.4 of Standard 49.