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# Project Initiation Notification System (PINS)

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

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

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

## ANS (American Nuclear Society)

555 North Kensington Avenue, La Grange Park, IL 60526 [www.ans.org](http://www.ans.org)  
 Contact: Kathryn Murdoch; [kmurdoch@ans.org](mailto:kmurdoch@ans.org)

### *New Standard*

BSR/ANS 2.36-202x, Accident Analysis for Aircraft Crash into Reactor and Non-Reactor Nuclear Facilities (new standard)

Stakeholders: Owners and regulators of reactor and non-reactor nuclear facilities, such as commercial fuel-cycle facilities, DOE nuclear facilities, nuclear-power generation facilities, advanced reactor facilities, small modular reactors, and micro-reactors. The methodology developed may be applied for high-hazard facilities with hazardous chemicals, and Department of Homeland Security or Department of Defense facilities.

Project Need: The Department of Energy's Technical Standard DOE-STD-3014-1996, Accident Analysis for Aircraft Crash into Hazardous Facilities, is almost 25 years old and based on outdated data and technology. Likewise, NUREG 0800, Section 3.5.1.6, Aircraft Hazards, was issued in July 1981, and is based on methodology and aircraft operations from WASH-1400, 1975. Rather than having the DOE and NRC undertake separate revision efforts focused on updating the methodology using recent representative FAA and NTSB data and modern analytical approaches, it is appropriate to develop a standard with applicability to DOE and NRC reactor and non-reactor nuclear facilities.

Scope: This standard's broad reactor and non-reactor nuclear facility applicability provides the user the requirements and guidance to evaluate and assess the significance of aircraft crash risk on nuclear facility safety and provides a framework of stepwise increases in analytical sophistication aimed to demonstrate that an aircraft crash either does or does not exceed a risk level of concern equivalent to other generally applied sources of risk from the operation of nuclear facilities.

## ASME (American Society of Mechanical Engineers)

Two Park Avenue, New York, NY 10016-5990 [www.asme.org](http://www.asme.org)  
 Contact: Terrell Henry; [ansibox@asme.org](mailto:ansibox@asme.org)

### *Revision*

BSR/ASME B73.2-202x, Specification for Vertical In-Line Centrifugal Pumps for Chemical Process (revision of ANSI/ASME B73.2-2016)

Stakeholders: Pumps, chemical processing, manufacturing.

Project Need: Update to incorporate changes in technology.

Scope: This Standard is a design and specification standard that covers metallic centrifugal pumps of a vertical-shaft single-stage design with suction and discharge nozzles in-line. This Standard includes dimensional interchangeability requirements and certain design features to facilitate installation and maintenance and enhance reliability and safety of B73.2 pumps.

**ASME (American Society of Mechanical Engineers)**

Two Park Avenue, New York, NY 10016-5990 [www.asme.org](http://www.asme.org)

Contact: Terrell Henry; [ansibox@asme.org](mailto:ansibox@asme.org)

**Revision**

BSR/ASME B89.6.2-202x, Temperature and Humidity Environment for Dimensional Measurement (revision of ANSI/ASME B89.6.2-1973 (R2017))

Stakeholders: Manufacturers, inspectors, quality control engineers.

Project Need: This standard was written in 1973 and is in need of modernization. The language used and several references made within the standard are outdated.

Scope: This standard provides methods for describing and testing temperature-controlled environments for dimensional measurements. In addition, this standard provides methods to assure adequate temperature control for measuring equipment and the manufacture of work-pieces.

**ASSP (Safety) (American Society of Safety Professionals)**

520 N. Northwest Highway, Park Ridge, IL 60068 [www.assp.org](http://www.assp.org)

Contact: Lauren Bauerschmidt; [LBauerschmidt@assp.org](mailto:LBauerschmidt@assp.org)

**Revision**

BSR/ASSP A1264.1-202x, Safety Requirements for Workplace Walking/Working Surfaces and Their Access; Workplace, Floor, Wall and Roof Openings; Stairs and Guardrail/Handrail Systems (revision and redesignation of ANSI/ASSE A1264.1-2017)

Stakeholders: OSH professionals.

Project Need: Based upon the consensus of the A1264 committee and the leadership of ASSP.

Scope: This standard sets forth safety requirements in industrial and workplace situations for protecting persons in areas/places where danger exists of persons or objects falling from elevated walking and work surfaces such as floor, roof, or wall openings; platforms; runways; ramps; and fixed stairs or roofs in normal, temporary, and emergency conditions.

**ASSP (Safety) (American Society of Safety Professionals)**

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Contact: Rick Blanchette; [rblanchette@assp.org](mailto:rblanchette@assp.org)

**Revision**

BSR/ASSP Z15.1-202x, Safe Practices for Motor Vehicle Operations (revision and redesignation of ANSI/ASSE Z15.1-2017)

Stakeholders: OSH professionals.

Project Need: Based upon the consensus of the Z15 committee and the leadership of ASSP.

Scope: This standard sets forth practices for the safe management and operation of motor vehicles owned or operated by organizations. These practices are designed for use by those having the responsibility for the administration and operation of motor vehicles for organizational business.

**ASSP (Safety) (American Society of Safety Professionals)**

520 N. Northwest Highway, Park Ridge, IL 60068 [www.assp.org](http://www.assp.org)

Contact: Lauren Bauerschmidt; [LBauerschmidt@assp.org](mailto:LBauerschmidt@assp.org)

**Revision**

BSR/ASSP Z359.12-202X, Connecting Components for Personal Fall Arrest Systems (revision of ANSI/ASSP Z359.12-2019)

Stakeholders: Occupational safety and health professionals addressing hazards and exposures impacting workers at heights.

Project Need: Based upon the consensus of the Z359 Committee and the ASSE leadership.

Scope: This standard establishes requirements for the performance, design, marking, qualification, test methods, and removal from service of connectors.

**ASSP (Safety) (American Society of Safety Professionals)**

520 N. Northwest Highway, Park Ridge, IL 60068 [www.assp.org](http://www.assp.org)

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**Revision**

BSR/ASSP Z359.18-202x, Safety Requirements for Anchorage Connectors for Active Fall Protection Systems (revision and redesignation of ANSI/ASSE Z359.18-2017)

Stakeholders: Occupational safety and health professionals addressing hazards and exposures impacting workers at heights.

Project Need: Based upon the consensus of the Z359 Committee and the ASSE leadership.

Scope: This standard establishes requirements for the performance, design, testing, marking and instructions for use of anchorage connectors in travel restraint, fall arrest, rescue, work position, rope access, and suspended component/tie-back line systems only.

**ASSP (Safety) (American Society of Safety Professionals)**

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**National Adoption**

BSR/ASSP/ISO 45001-202X, Occupational health and safety management systems - Requirements with guidance for use (identical national adoption of ISO 45001:2018 and revision of ANSI/ASSP/ISO 45001-2018)

Stakeholders: Occupational safety and health professionals and organizations and stakeholders with an interest in occupational health and safety management systems at either the national or global levels.

Project Need: Based upon the consensus of ASSP Leadership, members of the U.S. TAG to ANSI for ISO Technical Committee 283 for Occupational Health and Safety Management Systems, and stakeholders with an interest in occupational health and safety management systems.

Scope: This document specifies requirements for an occupational health and safety (OH&S) management system, and gives guidance for its use, to enable organizations to provide safe and healthy workplaces, by preventing work-related injury and ill health, as well as by proactively improving its OH&S performance. This document is applicable to any organization that wishes to establish, implement, and maintain an OH&S management system to improve occupational health and safety, eliminate hazards, and minimize OH&S risks (including system deficiencies); take advantage of OH&S opportunities; and address OH&S management system non-conformities associated with its activities. If/when the standard is successfully revised at the ISO level, ASSP will move to adopt as an standard.

**MedBiq (MedBiquitous - the standards development program of the AAMC)**

655 K Street, N.W., Washington, DC 20001-2399 [www.medbiq.org](http://www.medbiq.org)

Contact: Johmarx Patton; [jpatton@aamc.org](mailto:jpatton@aamc.org)

***New Standard***

BSR/MBQ.CF.20-04.XML.3.0.0-202x, MedBiquitous Specification No. 20-04.XML.3.0.0-2021 for Competency Framework (new standard)

Stakeholders: Organizations involved in health professionals' education and credentialing; organizations that develop software for health professionals' education and credentialing; organizations that manage data or data transfers for health professionals' education and credentialing.

Project Need: Currently, few software systems allow educators to link curricular activities and resources to a separate competency framework. Because competencies are often defined by assessment organizations, such as accrediting bodies, certifying boards, and licensing boards, competency definitions often exist separate from the education designed to support achievement of the competencies. Often the competencies exist as descriptive documents with no electronic representation that enables incorporation into educator systems. A standard format for competency data enables the exchange of competency definitions among assessment organizations and education programs as well as the incorporation of competency definitions into curriculum management systems, allowing developers to link curricular activities and resources to competency frameworks. In addition, competency standards allow for the development of lifelong learning and employment record systems, allowing a learner to view their completed activities against a list of required competencies. The Institute of Electrical and Electronics Engineers (IEEE) Learning Technology Standards Committee (LTSC) has convened a Competency Data Standards Working Group. The group is working to define a data model for describing, referencing, and exchanging competency definitions, primarily in the context of online and distributed learning. To take advantage of the industry work underway, MedBiquitous will work with IEEE LTSC to develop standards for com...

Scope: The working group will focus on developing requirements for representing health professions competencies and working with the IEEE LTSC Competency Working Group to ensure that these requirements are incorporated into the competency-related standards being developed by the IEEE. The group may supplement these activities by specifying requirements for Web services to enable the exchange of competency data. Whenever possible, the group will leverage useful specifications developed by other organizations. The MedBiquitous Technical Advisory Group will offer guidance and technical support for approaches to specific data exchange technologies. The specifications and services created by this working group will likely serve as foundation pieces for other specifications and Web services designed by MedBiquitous and will be architected to allow for building a digital ecosystem that can support health professions education and credentialing. The Competency Framework is a companion standard to the Performance Framework.

**MedBiq (MedBiquitous - the standards development program of the AAMC)**655 K Street, N.W., Washington, DC 20001-2399 [www.medbiq.org](http://www.medbiq.org)Contact: Johmarx Patton; [jpatton@aamc.org](mailto:jpatton@aamc.org)***New Standard***

BSR/MBQ.PF.20-05.XML.3.0.0-202x, MedBiquitous Specification No. 20-05.XML.3.0.0-2021 for Performance Framework (new standard)

Stakeholders: Organizations involved in health professionals' education and credentialing; organizations that develop software for health professionals' education and credentialing; organizations that manage data or data transfers for health professionals' education and credentialing.

Project Need: Currently, few software systems allow educators to link curricular activities and resources to a separate competency framework. Because competencies are often defined by assessment organizations, such as accrediting bodies, certifying boards, and licensing boards, competency definitions often exist separate from the education designed to support achievement of the competencies. Often the competencies exist as descriptive documents with no electronic representation that enables incorporation into educator systems. A standard format for competency data enables the exchange of competency definitions among assessment organizations and education programs as well as the incorporation of competency definitions into curriculum management systems, allowing developers to link curricular activities and resources to competency frameworks. In addition, competency standards allow for the development of lifelong learning and employment record systems, allowing a learner to view their completed activities against a list of required competencies. The Institute of Electrical and Electronics Engineers (IEEE) Learning Technology Standards Committee (LTSC) has convened a Competency Data Standards Working Group. The group is working to define a data model for describing, referencing, and exchanging competency definitions, primarily in the context of online and distributed learning. To take advantage of the industry work underway, MedBiquitous will work with IEEE LTSC to develop standards for com...

Scope: The working group will focus on developing requirements for representing health professions competencies and working with the IEEE LTSC Competency Working Group to ensure that these requirements are incorporated into the competency-related standards being developed by the IEEE. The group may supplement these activities by specifying requirements for Web services to enable the exchange of competency data. Whenever possible, the group will leverage useful specifications developed by other organizations. The MedBiquitous Technical Advisory Group will offer guidance and technical support for approaches to specific data exchange technologies. The specifications and services created by this working group will likely serve as foundation pieces for other specifications and Web services designed by MedBiquitous and will be architected to allow for building a digital ecosystem that can support health professions education and credentialing. The Performance Framework is a companion standard to the Competency Framework.

**NFPA (National Fire Protection Association)**One Batterymarch Park, Quincy, MA 02169 [www.nfpa.org](http://www.nfpa.org)Contact: Dawn Michele Bellis; [dbellis@nfpa.org](mailto:dbellis@nfpa.org)***Revision***

BSR/NFPA 12A-202x, Standard on Halon 1301 Fire Extinguishing Systems (revision of ANSI/NFPA 12A-2022)

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

Project Need: Public interest and need.

Scope: This standard contains minimum requirements for total flooding Halon 1301 fire extinguishing systems. It includes only the essentials necessary to make the standard workable in the hands of those skilled in this field. Only those skilled in this work are competent to design, install, maintain, decommission, and remove this equipment. It might be necessary for many of those charged with purchasing, inspecting, testing, approving, operating, and maintaining this equipment to consult with an experienced and competent fire protection engineer to effectively discharge their respective duties. (See Annex C.)

**NFPA (National Fire Protection Association)**

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**Revision**

BSR/NFPA 13D-202x, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes (revision of ANSI/NFPA 13D-2022)

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

Project Need: Public interest and need.

Scope: Standard shall cover the design, installation, and maintenance of automatic sprinkler systems for protection against the fire hazards in one- and two-family dwellings, manufactured homes, and townhouses. This standard shall not provide requirements for the design or installation of water-mist fire-protection systems, which are not considered fire-sprinkler systems and are addressed by NFPA 750. This standard shall be based on the concept that the sprinkler system is designed to protect against a fire originating from a single ignition location.

**NFPA (National Fire Protection Association)**

One Batterymarch Park, Quincy, MA 02169 [www.nfpa.org](http://www.nfpa.org)

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**Revision**

BSR/NFPA 13R-202x, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies (revision of ANSI/NFPA 13R-2022)

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

Project Need: Public interest and need.

Scope: This standard shall cover the design and installation of automatic sprinkler systems for protection against fire hazards in residential occupancies up to and including four stories in height that are located in buildings not exceeding 60 ft (18 m) in height above grade plane. This standard shall be based on the concept that the sprinkler system is designed to protect against a fire originating from a single ignition location. This standard shall not provide requirements for the design or installation of water-mist fire-protection systems, which are not considered fire-sprinkler systems and are addressed by NFPA 750.

**NFPA (National Fire Protection Association)**

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**Revision**

BSR/NFPA 15-202x, Standard for Water Spray Fixed Systems for Fire Protection (revision of ANSI/NFPA 15-2022)

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

Project Need: Public interest and need.

Scope: This standard provides the minimum requirements for the design, installation, and system acceptance testing of water-spray fixed systems for fire-protection service and the minimum requirements for the periodic testing and maintenance of ultra-high-speed water-spray fixed systems. Water-spray fixed systems shall be specifically designed to provide for effective fire control, extinguishment, prevention, or exposure protection. Water-spray systems can be independent of, or supplementary to, other forms of protection. The design of specific systems can vary considerably, depending on the nature of the hazard and the basic purposes of protection. Because of these variations and the wide choice in the characteristics of spray nozzles, these systems should be competently designed, installed, and maintained. It should be essential that their limitations, as well as their capabilities, be thoroughly understood by the designer. This standard does not provide specific design guidance for dry-pipe or double-interlock preaction systems.

**NFPA (National Fire Protection Association)**

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**Revision**

BSR/NFPA 24-202x, Standard for the Installation of Private Fire Service Mains and Their Appurtenances (revision of ANSI/NFPA 24-2022)

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

Project Need: Public interest and need.

Scope: This standard shall provide the minimum requirements for the installation of private fire-service mains and their appurtenances, which include supplying the following:

- (1) Automatic sprinkler systems;
- (2) Open sprinkler systems;
- (3) Water spray fixed systems;
- (4) Foam systems;
- (5) Private hydrants;
- (6) Monitor nozzles or standpipe systems with reference to water supplies; and
- (7) Hose houses.

This standard shall apply to combined service mains intended to carry water for fire service and other uses.



**NFPA (National Fire Protection Association)**

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**Revision**

BSR/NFPA 40-202x, Standard for the Storage and Handling of Cellulose Nitrate Film (revision of ANSI/NFPA 40-2022)

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

Project Need: Public interest and need.

Scope: Although the storage and handling of cellulose nitrate film have a good safety record, fire tests conducted prior to 1967 indicated the desirability of a modification of existing standards. The requirements of this standard, therefore, apply strictly to long-term storage of cellulose nitrate film. This standard shall apply to all facilities that are involved with the storage and handling of cellulose nitrate-based film. Cellulose nitrate-based film includes, but is not limited to, original negative, duplicate negative, interpositive (fine grain), color separation master (YCM), successive exposure master (SEN), optical soundtrack negative or master, mattes, title bands, and release prints. This standard shall not apply to the storage and handling of film having a base other than cellulose nitrate.

**NFPA (National Fire Protection Association)**

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**Revision**

BSR/NFPA 110-202x, Standard for Emergency and Standby Power Systems (revision of ANSI/NFPA 110-2022)

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

Project Need: Public interest and need.

Scope: This standard contains requirements covering the performance of emergency and standby power systems providing an alternate source of electrical power to loads in buildings and facilities in the event that the primary power source fails. Power systems covered in this standard include power sources, transfer equipment, controls, supervisory equipment, and all related electrical and mechanical auxiliary and accessory equipment needed to supply electrical power to the load terminals of the transfer equipment.

**NFPA (National Fire Protection Association)**

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Contact: Dawn Michele Bellis; [dbellis@nfpa.org](mailto:dbellis@nfpa.org)

**Revision**

BSR/NFPA 111-202x, Standard on Stored Electrical Energy Emergency and Standby Power Systems (revision of ANSI/NFPA 111-2022)

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

Project Need: Public interest and need.

Scope: This standard shall cover performance requirements for stored electrical energy systems providing an alternate source of electrical power in buildings and facilities in the event that the normal electrical power source fails. For emergency power systems supplied by emergency generators, see NFPA 110, Standard for Emergency and Standby Power Systems. Systems covered in this standard shall include power sources, transfer equipment, controls, supervisory equipment, and accessory equipment, including integral accessory equipment, needed to supply electrical power to the selected circuits. This standard shall cover installation, maintenance, operation, and testing requirements as they pertain to the performance of the stored emergency power supply system (SEPSS). Exclusions.

This standard shall not cover the following:

- (1) Application of the SEPSS;
- (2) Distribution wiring;
- (3) Systems having total outputs less than 500 VA or less than 24 V, or systems less than Class 0.033;
- (4) Unit equipment;
- (5) Nuclear sources, solar systems, and wind stored-energy systems; and
- (6) Uninterruptible power systems (UPS) supplied by an emergency power supply system (EPSS).

**NFPA (National Fire Protection Association)**

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**Revision**

BSR/NFPA 232-202x, Standard for the Protection of Records (revision of ANSI/NFPA 232-2022)

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

Project Need: Public interest and need.

Scope: Businesses have been forced to close due to the insurmountable task of replacing organizational and operational records. Although accurate nationwide statistics are needed, it is known that the losses sustained in fires by such businesses have had the adverse effect of lowering their credit ratings and that some went out of business because of the destruction of their records. Since the early 1900s, the volume of records, especially of business records, has increased rapidly. These records have to be stored. This need, stimulated by competition among manufacturers, led to the development of better records containers, especially that of lighter weight containers with greater capacity and higher fire resistance ratings. The heavy, old-line safes of uncertain fire resistance rating could no longer meet the needs of business and have been replaced largely by modern fire-resistive containers. Newer techniques of record keeping (e.g., microfilm and electronic computers) are creating new problems and new demands.

**NFRC (National Fenestration Rating Council)**

6305 Ivy Lane, Greenbelt, MD 20770 [www.nfrc.org](http://www.nfrc.org)

Contact: Jen Padgett; [jpadgett@nfrc.org](mailto:jpadgett@nfrc.org)

**Revision**

BSR/NFRC 100-202x, Procedure for Determining Fenestration Product U-factors (revision of ANSI/NFRC 100-2020 E0A0)

Stakeholders: Manufacturers and vendors of fenestration products or components; consumers and consumer advocacy organizations; construction and building professionals; education and research institutions; energy building code officials; organizations concerned with energy efficiency.

Project Need: ANSI/NFRC 100 is necessary for the fenestration industry to accurately rate energy performance of products to enable code compliance and a fair marketplace.

Scope: This standard specifies a method for determining fenestration product U-factor (thermal performance).

**NFRC (National Fenestration Rating Council)**

6305 Ivy Lane, Greenbelt, MD 20770 [www.nfrc.org](http://www.nfrc.org)

Contact: Jen Padgett; [jpadgett@nfrc.org](mailto:jpadgett@nfrc.org)

**Revision**

BSR/NFRC 200-202x, Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence (revision of ANSI/NFRC 200-2020 E0A0)

Stakeholders: Manufacturers and vendors of fenestration products or components; consumers and consumer advocacy organizations; construction and building professionals; education and research institutions; energy building code officials; organizations concerned with energy efficiency.

Project Need: ANSI/NFRC 200 is necessary for the fenestration industry to accurately rate energy performance of products to enable code compliance and a fair marketplace.

Scope: This standard specifies a method for determining fenestration product Solar Heat Gain and Visible Transmittance (thermal performance).

**NFRC (National Fenestration Rating Council)**

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**Revision**

BSR/NFRC 202-202x, Procedure for Determining Translucent Fenestration Product Visible Transmittance at Normal Incidence (revision of ANSI/NFRC 202-2020)

Stakeholders: Manufacturers and vendors of fenestration products or components; consumers and consumer advocacy organizations; construction and building professionals; education and research institutions; energy building code officials; organizations concerned with energy efficiency.

Project Need: ANSI/NFRC 202 is necessary for the fenestration industry to accurately rate energy performance of products to enable code compliance and a fair marketplace.

Scope: This standard specifies a method for determining translucent fenestration product Visible Transmittance (thermal performance).

**NFRC (National Fenestration Rating Council)**

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Contact: Jen Padgett; [jpadgett@nfrc.org](mailto:jpadgett@nfrc.org)

**Revision**

BSR/NFRC 203-202x, Procedure for Determining Visible Transmittance of Tubular Daylighting Devices (revision of ANSI/NFRC 203-2020)

Stakeholders: Manufacturers and vendors of fenestration products or components; consumers and consumer advocacy organizations; construction and building professionals; education and research institutions; energy building code officials; organizations concerned with energy efficiency.

Project Need: ANSI/NFRC 203 is necessary for the fenestration industry to accurately rate energy performance of products to enable code compliance and a fair marketplace.

Scope: This standard specifies a method for determining fenestration visible transmittance of tubular daylighting devices (thermal performance).

**NFRC (National Fenestration Rating Council)**

6305 Ivy Lane, Greenbelt, MD 20770 [www.nfrc.org](http://www.nfrc.org)

Contact: Jen Padgett; [jpadgett@nfrc.org](mailto:jpadgett@nfrc.org)

**Revision**

BSR/NFRC 400-202x, Procedure for Determining Fenestration Product Air Leakage (revision of ANSI/NFRC 400-2020)

Stakeholders: Manufacturers and vendors of fenestration products or components; consumers and consumer advocacy organizations; construction and building professionals; education and research institutions; energy building code officials; organizations concerned with energy efficiency.

Project Need: ANSI/NFRC 400 is necessary for the fenestration industry to accurately rate energy performance of products to enable code compliance and a fair marketplace.

Scope: This standard specifies a method for determining fenestration product air leakage (thermal performance).

**NFRC (National Fenestration Rating Council)**

6305 Ivy Lane, Greenbelt, MD 20770 [www.nfrc.org](http://www.nfrc.org)

Contact: Jen Padgett; [jpadgett@nfrc.org](mailto:jpadgett@nfrc.org)

**Revision**

BSR/NFRC 500-202x, Procedure for Determining Fenestration Product Condensation Index Ratings (revision of ANSI/NFRC 500-2020)

Stakeholders: Manufacturers and vendors of fenestration products or components; consumers and consumer advocacy organizations; construction and building professionals; education and research institutions; energy building code officials; organizations concerned with energy efficiency.

Project Need: ANSI/NFRC 500 is necessary for the fenestration industry to accurately rate energy performance of products to enable code compliance and a fair marketplace.

Scope: This standard specifies a method for determining fenestration product condensation index (thermal performance).

**TAPPI (Technical Association of the Pulp and Paper Industry)**

15 Technology Parkway, Peachtree Corners, GA 30092 [www.tappi.org](http://www.tappi.org)

Contact: Natasha Bush-Postell; [standards@tappi.org](mailto:standards@tappi.org)

**Revision**

BSR/TAPPI T 274 sp-202x, Laboratory screening of pulp (MasterScreen-type instrument) (revision of ANSI/TAPPI T 274 sp-2013)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products; consumers or converters of such products; and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To revise existing TAPPI/ANSI standard based on comments received on Draft 1 ballot.

Scope: A general-purpose practice for screening pulp using a specific screening device is described, which separates from a slurry of pulp fibers a contaminant fraction with size dimensions which are significantly greater than the diameter of a pulp fiber.

**TAPPI (Technical Association of the Pulp and Paper Industry)**

15 Technology Parkway, Peachtree Corners, GA 30092 [www.tappi.org](http://www.tappi.org)

Contact: Natasha Bush-Postell; [standards@tappi.org](mailto:standards@tappi.org)

**Revision**

BSR/TAPPI T 403 om-202x, Bursting strength of paper (revision and redesignation of ANSI/TAPPI T 403 om-2015)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products; consumers or converters of such products; and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To revise existing TAPPI/ANSI standard based on comments received on Draft 1 ballot.

Scope: This test method describes the measurement of the bursting strength of paper.

**TAPPI (Technical Association of the Pulp and Paper Industry)**

15 Technology Parkway, Peachtree Corners, GA 30092 [www.tappi.org](http://www.tappi.org)

Contact: Natasha Bush-Postell; [standards@tappi.org](mailto:standards@tappi.org)

**Revision**

BSR/TAPPI T 494 om-202x, Tensile properties of paper and paperboard (using constant rate of elongation apparatus) (revision and redesignation of ANSI/TAPPI T 494 om-2013)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products; consumers or converters of such products; and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To revise existing TAPPI/ANSI standard based on comments received on Draft 1 ballot.

Scope: This test method describes the procedure, using constant-rate-of-elongation equipment, for determining four tensile breaking properties of paper and paperboard: tensile strength, stretch, tensile energy absorption, and tensile stiffness.

**TAPPI (Technical Association of the Pulp and Paper Industry)**

15 Technology Parkway, Peachtree Corners, GA 30092 [www.tappi.org](http://www.tappi.org)

Contact: Natasha Bush-Postell; [standards@tappi.org](mailto:standards@tappi.org)

**Revision**

BSR/TAPPI T 555 om-202x, Roughness of paper and paperboard (Print-surf method) (revision and redesignation of ANSI/TAPPI T 555 om-2015)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products; consumers or converters of such products; and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To revise existing TAPPI/ANSI standard based on comments received on Draft 1 ballot.

Scope: This method measures the roughness of paper and paperboard under conditions intended to simulate the nip pressures and backing substrates found in printing processes. It is applicable to coated and uncoated papers and paperboards which are intended to be printed by contacting printing processes.

**TAPPI (Technical Association of the Pulp and Paper Industry)**

15 Technology Parkway, Peachtree Corners, GA 30092 [www.tappi.org](http://www.tappi.org)

Contact: Natasha Bush-Postell; [standards@tappi.org](mailto:standards@tappi.org)

**Revision**

BSR/TAPPI T 648 om-202x, Viscosity of coating clay slurry (revision and redesignation of ANSI/TAPPI T 648 om-2014)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products; consumers or converters of such products; and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To revise existing TAPPI/ANSI standard based on comments received on Draft 1 ballot.

Scope: This method describes a procedure for the determination of the low- and high shear viscosity of coating clays. This is accomplished by the preparation of a completely dispersed 70% solids aqueous clay suspension with incremental introduction of dispersant to obtain the optimum dosage (minimum viscosity) for the low and high shearing rates.

**TAPPI (Technical Association of the Pulp and Paper Industry)**

15 Technology Parkway, Peachtree Corners, GA 30092 [www.tappi.org](http://www.tappi.org)

Contact: Natasha Bush-Postell; [standards@tappi.org](mailto:standards@tappi.org)

**Revision**

BSR/TAPPI T 702 om-202x, Rheological measurements for characterization of polyolefins: low-density polyethylene (LDPE) for extrusion coating (revision and redesignation of ANSI/TAPPI T 702 om-2014)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products; consumers or converters of such products; and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To revise existing TAPPI/ANSI standard based on comments received on Draft 1 ballot.

Scope: In extrusion coating a thin molten polymer film is coated on some kind of substrate. At high extrusion coating speed, even a minor disturbance on the melt web causes major quality problems, which very rapidly lead to large quantities of waste. Therefore, higher coating speeds require polymers with high and even quality in order to avoid waste due to polymer edge instability and web break.

**TAPPI (Technical Association of the Pulp and Paper Industry)**

15 Technology Parkway, Peachtree Corners, GA 30092 [www.tappi.org](http://www.tappi.org)

Contact: Natasha Bush-Postell; [standards@tappi.org](mailto:standards@tappi.org)

**Reaffirmation**

BSR/TAPPI T 802 om-2012 (R202x), Drop Test For Fiberboard Shipping Containers (reaffirmation of ANSI/TAPPI T 802 om-2012)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products; consumers or converters of such products; and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI Standard.

Scope: This method describes procedures for determining the ability of fiberboard containers to protect their contents and/or to withstand impact in free-fall drops. These procedures are specifically designed for controlled drop testing of solid fiber or corrugated shipping containers.

**TAPPI (Technical Association of the Pulp and Paper Industry)**

15 Technology Parkway, Peachtree Corners, GA 30092 [www.tappi.org](http://www.tappi.org)

Contact: Natasha Bush-Postell; [standards@tappi.org](mailto:standards@tappi.org)

**New Standard**

BSR/TAPPI T 809 om-202x, Flat crush of corrugating medium (CMT test) (new standard)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products; consumers or converters of such products; and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI Standard.

Scope: This method describes a procedure for measuring the crushing resistance of a laboratory fluted strip of corrugating medium, and provides a means of estimating, in the laboratory, the potential flat crush resistance of a corrugated board.

**TAPPI (Technical Association of the Pulp and Paper Industry)**

15 Technology Parkway, Peachtree Corners, GA 30092 [www.tappi.org](http://www.tappi.org)

Contact: Natasha Bush-Postell; [standards@tappi.org](mailto:standards@tappi.org)

**New Standard**

BSR/TAPPI T 810 om-202x, Bursting strength of corrugated board (new standard)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products; consumers or converters of such products; and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI Standard.

Scope: This method describes a procedure for measuring the bursting strength of single-wall and double-wall corrugated board within the range of 690 kPa (100 psi) to 4825 kPa (700 psi) employing an instrument which uses a disk-shaped, molded diaphragm.

**TAPPI (Technical Association of the Pulp and Paper Industry)**

15 Technology Parkway, Peachtree Corners, GA 30092 [www.tappi.org](http://www.tappi.org)

Contact: Natasha Bush-Postell; [standards@tappi.org](mailto:standards@tappi.org)

***New Standard***

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

Stakeholders: Manufacturers of pulp, paper, packaging, or related products; consumers or converters of such products; and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI Standard.

Scope: 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. NOTE: This newly proposed American National Standard replaces ANSI/TAPPI T 811 om-2011.

**TAPPI (Technical Association of the Pulp and Paper Industry)**

15 Technology Parkway, Peachtree Corners, GA 30092 [www.tappi.org](http://www.tappi.org)

Contact: Natasha Bush-Postell; [standards@tappi.org](mailto:standards@tappi.org)

***Reaffirmation***

BSR/TAPPI T 821 om-2012 (R202x), Pin Adhesion Of Corrugated Board By Selective Separation (reaffirmation of ANSI/TAPPI T 821 om-2012)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products; consumers or converters of such products; and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI Standard.

Scope: This method is used to measure the force required to separate corrugated board between the flute tips of corrugated medium and its linerboard facings.

**TAPPI (Technical Association of the Pulp and Paper Industry)**

15 Technology Parkway, Peachtree Corners, GA 30092 [www.tappi.org](http://www.tappi.org)

Contact: Natasha Bush-Postell; [standards@tappi.org](mailto:standards@tappi.org)

***Revision***

BSR/TAPPI T 825 om-202x, Flat crush test of corrugated board (rigid support method) (revision and redesignation of ANSI/TAPPI T 825 om-2014)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products; consumers or converters of such products; and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To revise existing TAPPI/ANSI standard based on comments received on Draft 1 ballot.

Scope: The flat crush test is a measure of the resistance of the flutes in corrugated board to a crushing force applied perpendicular to the surface of the board under prescribed conditions. The test is satisfactory for single-faced or single-wall (double-faced) corrugated board, but not for double-wall or triple-wall corrugated board, because of the lateral motion of the central facing or facings.



**TAPPI (Technical Association of the Pulp and Paper Industry)**

15 Technology Parkway, Peachtree Corners, GA 30092 [www.tappi.org](http://www.tappi.org)

Contact: Natasha Bush-Postell; [standards@tappi.org](mailto:standards@tappi.org)

***New Standard***

BSR/TAPPI T 827 om-202x, Box blank dimensioning (new standard)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products; consumers or converters of such products; and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI Standard.

Scope: This method can be used to determine the score-to-score dimensions of a box blank. Knowing box blank dimensions is an excellent way of determining box size, if scoring allowances are known. Accurate dimensions typically are a key specification in market transactions, and are required for understanding and modeling box performance. This method may be used for solid or corrugated fiberboard containers including all box designs, both diecut and scored and slotted.

# 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](mailto:psa@ansi.org)

\* Standard for consumer products

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## Comment Deadline: August 29, 2021

### NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | [jsnider@nsf.org](mailto:jsnider@nsf.org), [www.nsf.org](http://www.nsf.org)

#### Revision

BSR/NSF 14-202x (i118r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

This Standard establishes minimum physical, performance, and health effects requirements for plastic piping system components and related materials. These criteria were established for the protection of public health and the environment.

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

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

### NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | [mleslie@nsf.org](mailto:mleslie@nsf.org), [www.nsf.org](http://www.nsf.org)

#### Revision

BSR/NSF 42-202x (i115r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2020)

The point-of-use (POU) and point-of-entry (POE) systems addressed by this Standard are designed to be used for the reduction of specific substances that may be present in drinking water (public or private) considered to be microbiologically safe and of known quality. Systems covered under this Standard are intended to address one or more of the following: reduce substances affecting the aesthetic quality of the water, add chemicals for scale control, or limit microbial growth in the system (bacteriostatic). Substances may be soluble or particulate in nature. It is recognized that a system may be effective in controlling one or more of these substances but is not required to control all. Systems with manufacturer claims that include components or functions covered under other NSF or NSF/ANSI Standards or Criteria shall conform to the applicable requirements therein. Filter systems covered by this Standard are not intended to be used with drinking water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

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

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: [mleslie@nsf.org](mailto:mleslie@nsf.org)

## Comment Deadline: August 29, 2021

### NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | [mleslie@nsf.org](mailto:mleslie@nsf.org), [www.nsf.org](http://www.nsf.org)

#### Revision

BSR/NSF 42-202x (i119r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2020)  
The point-of-use (POU) and point-of-entry (POE) systems addressed by this Standard are designed to be used for the reduction of specific substances that may be present in drinking water (public or private) considered to be microbiologically safe and of known quality. Systems covered under this Standard are intended to address one or more of the following: reduce substances affecting the aesthetic quality of the water, add chemicals for scale control, or limit microbial growth in the system (bacteriostatic). Substances may be soluble or particulate in nature. It is recognized that a system may be effective in controlling one or more of these substances but is not required to control all. Systems with manufacturer claims that include components or functions covered under other NSF or NSF/ANSI Standards or Criteria shall conform to the applicable requirements therein. Filter systems covered by this Standard are not intended to be used with drinking water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

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

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: [mleslie@nsf.org](mailto:mleslie@nsf.org)

### NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | [rbrooker@nsf.org](mailto:rbrooker@nsf.org), [www.nsf.org](http://www.nsf.org)

#### Revision

BSR/NSF 455-2-202x (i29r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

This Standard is intended to define a standardized approach for auditing to determine the level of compliance of dietary supplement products to 21 CFR 111 Current Good Manufacturing Practices (GMPs) in Manufacturing, Packaging, Labeling, or Holding Operations for Dietary Supplements as well as incorporating additional retailer requirements. It refers to the requirements for GMP applicable to all dietary supplements. It will assist in the determination of adequate facilities and controls for dietary supplement manufacture with sufficient quality to ensure suitability for intended use.

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

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: [rbrooker@nsf.org](mailto:rbrooker@nsf.org)

### UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | [annemarie.jacobs@ul.org](mailto:annemarie.jacobs@ul.org), <https://ul.org/>

#### Revision

BSR/UL 60335-2-68-202x, Standard for Household and Similar Electrical Appliances - Safety - Part 2-68: Particular Requirements for Spray Extraction Machines, for Commercial Use (July 30, 2021) (revision of ANSI/UL 60335-2-68-2020)

This proposal covers: (1) Type SJ cord for commercial spray extraction machines.

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

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

## **Comment Deadline: September 13, 2021**

### **ASC X9 (Accredited Standards Committee X9, Incorporated)**

275 West Street, Annapolis, MD 21401 | Ambria.frazier@x9.org, www.x9.org

#### ***Revision***

BSR X9.24-2-202x, Retail Financial Services Symmetric Key Management - Part 2: Using Asymmetric Techniques for the Distribution of Symmetric Keys (revision of ANSI X9.24-2-2016)

Compliant implementation of the requirements stated in ANSI X9.24 Part 1 for the secure management of symmetric TDEA keys requires unique keys per device and strict enforcement of dual control and split knowledge processes for handling the full-length keying material deployed to remote devices or established between communicating pairs. Historically, compliant implementation of key distribution has been a manually performed, physically on-site process that is difficult to manage, costly, and/or non-existent (i.e., not compliant). An automated rather than manual method of distributing symmetric keys could address these issues and could result in improved security.

Single copy price: \$140.00

Obtain an electronic copy from: ambria.frazier@x9.org

Order from: Ambria Frazier; Ambria.frazier@x9.org

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

### **AWI (Architectural Woodwork Institute)**

46179 Westlake Drive, Potomac Falls, VA 20165-5874 | cdermyre@awinet.org, www.awinet.org

#### ***New Standard***

BSR/AWI 0400-202x, Factory Finishing (new standard)

Provide standardized objective criteria for the evaluation of the performance and aesthetic attributes of finish technologies applied to architectural woodwork and related interior products.

Single copy price: \$Available free of charge

Obtain an electronic copy from: <http://gotoawi.com/standards/awi0400.html>

Order from: cdermyre@awinet.org

Send comments (copy psa@ansi.org) to: [https://docs.google.com/forms/d/e/1FAIpQLSdhulilgifHKkdCPQQpKdozNikZhbTrc5qmfhaorPrKkZRB0g/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSdhulilgifHKkdCPQQpKdozNikZhbTrc5qmfhaorPrKkZRB0g/viewform?usp=sf_link)

## Comment Deadline: September 13, 2021

### HI (Hydraulic Institute)

300 Interpace Parkway, Parsippany, NJ 07054 | [asisto@pumps.org](mailto:asisto@pumps.org), [www.pumps.org](http://www.pumps.org)

#### Revision

BSR/HI 9.6.6-202x, Rotodynamic Pumps for Pump Piping (revision of ANSI/HI 9.6.6-2016)

The ANSI/HI 9.6.6 format has been revised in this edition to improve identification of each requirement and associated guidance information. Within each subsection content is now organized as follows: • General/overview/subsection orientation text listed at beginning • Following the general content, each requirement is listed individually and numerically identified. If requirement is linked to guidance information (content below requirements) then it is referenced by Note number(s) at end of requirement • After the requirements, the guidance information is included in the sequentially numbered “Notes” The key elements of the new format are summarized in the standard above the 9.6.6.1 Purpose subsection. If requested, the detailed revision methodology could be provided for reference. Input request: As part of review please offer comments regarding the new format. Positive and negative feedback is requested to guide the updates to ANSI/HI 9.6.6 and potential application of this content organization/ formatting procedure in future updates to other standards.

Single copy price: \$130.00

Obtain an electronic copy from: [asisto@pumps.org](mailto:asisto@pumps.org)

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: [asisto@pumps.org](mailto:asisto@pumps.org)

### HI (Hydraulic Institute)

300 Interpace Parkway, Parsippany, NJ 07054 | [asisto@pumps.org](mailto:asisto@pumps.org), [www.pumps.org](http://www.pumps.org)

#### Revision

BSR/HI 10.6-202x, Air-Operated Pump Tests (revision of ANSI/HI 10.6-2010 (R2016))

This test standard has been edited to reflect the updates made in the revision of ANSI/HI 10.1-10.5, Air Operated Pumps for Nomenclature, Definitions, Application, and Operation. Both 10.1-10.5 and 10.6 were reviewed by the same committee of volunteers.

Single copy price: \$80.00

Obtain an electronic copy from: [asisto@pumps.org](mailto:asisto@pumps.org)

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Amy Sisto, [asisto@pumps.org](mailto:asisto@pumps.org)

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

4755 East Philadelphia Street, Ontario, CA 91761 | [hugo.aguilar@iapmo.org](mailto:hugo.aguilar@iapmo.org), <https://www.iapmostandards.org>

#### New Standard

BSR/IAPMO H1001.1-202x, Quality of Heat Transfer Fluids Used in Hydronics Systems (new standard)

This Standard is intended to provide minimum requirements for maintaining quality of liquid-aqueous-based heat transfer fluids over the life of the system and optimizing the life of system components in both residential and non-residential closed hydronic heating and cooling applications.

Single copy price: Free

Obtain an electronic copy from: <https://www.iapmo.org/standards-development/iapmo-national-standards/public-review>

Order from: <https://www.iapmo.org/standards-development/iapmo-national-standards/public-review>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: [standards@iapmostandards.org](mailto:standards@iapmostandards.org)

## Comment Deadline: September 13, 2021

### ICC (International Code Council)

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

#### ***New Standard***

BSR/ICC 1300-202x, Standard for the Vulnerability-Based Seismic Assessment and Retrofit of One- and Two-Family Dwellings (new standard)

Development of a comprehensive Standard to provide a methodology for the identification, evaluation, and retrofit of specific known vulnerabilities for one- and two-family wood light-frame residential buildings (including townhouses) up to 2 stories in height. Also included is the evaluation and retrofit of masonry chimneys attached to 3-story buildings. Development of the assessment and retrofit provisions are applicable to dwellings located in Seismic Design Categories B through E and will include the use of the best available seismic numerical modeling tools and engineering practices to assist in development of assessment methods and to identify retrofit criteria to best achieve targeted performance objectives. Use of the provisions are anticipated to improve earthquake performance but is not intended to prevent earthquake damage.

Single copy price: Free

Obtain an electronic copy from: <https://www.iccsafe.org/products-and-services/i-codes/code-development/cs/icc-residential-seismic-assessment-and-retrofit-standard-consensus-committee/>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: [shoz@iccsafe.org](mailto:shoz@iccsafe.org)

### MHI (Material Handling Industry)

8720 Red Oak Boulevard, Charlotte, NC 28217 | [pdavison@mhi.org](mailto:pdavison@mhi.org), [www.mhi.org](http://www.mhi.org)

#### ***Revision***

BSR MH16.1-202X, Design, Testing, and Utilization of Industrial Steel Storage Racks (revision of ANSI MH16.1-2012 (R2019))

This standard specifies minimum requirements for the structural design, testing, and utilization of industrial steel storage racks. This standard applies to industrial steel storage racks, movable-shelf racks, rack-supported systems and automated storage and retrieval systems (stacker racks) constructed of cold-formed and/or hot-rolled steel structural members. Such rack types also include push-back rack, pallet-flow rack, case-flow rack, pick modules, and rack-supported platforms. This standard is also intended to be applied to the design of the storage rack portion of any rack structure that provides support to the exterior walls and roof, except as noted. It does not apply to other types of racks, such as drive-in or drive-through racks, cantilever racks, portable racks, or to racks made of material other than steel.

Single copy price: \$150.00

Obtain an electronic copy from: [pdavison@mhi.org](mailto:pdavison@mhi.org)

Order from: Patrick Davison; [pdavison@mhi.org](mailto:pdavison@mhi.org)

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

## Comment Deadline: September 13, 2021

### MHI (Material Handling Industry)

8720 Red Oak Boulevard, Charlotte, NC 28217 | pdavison@mhi.org, www.mhi.org

#### **Revision**

BSR MH28.2-202X, Design, Testing, and Utilization of Industrial Boltless Steel Shelving (revision of ANSI MH28.2-2018)

This standard applies to industrial steel boltless shelving; boltless shelving placed on mobile carriages; multi-level boltless shelving systems such as pick modules, catwalks, and deck-overs; and boltless shelving used in conjunction with an automated storage and retrieval system (AS/RS). The structural framing components for these systems are made of cold-formed or hot-rolled steel structural members. This standard does not apply to the following: industrial steel pallet racks (addressed by ANSI MH16.1), industrial cantilever racks (addressed by ANSI MH16.3), boltless shelving structures not fabricated from steel, industrial steel bin shelving, or shelving systems built with slotted metal angles. Industrial steel boltless shelving is typically a hand-loaded, prefabricated, free-standing, building-like non-building structure that utilizes a designed framing system. It is generally located within an industrial or warehouse environment that is restricted from the general public. Personnel working within the confines of the boltless shelving structure are presumed to be properly trained, physically able, and appropriately attired for the intended working environment.

Single copy price: \$50.00

Obtain an electronic copy from: pdavison@mhi.org

Order from: Patrick Davison; pdavison@mhi.org

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

### MHI (Material Handling Industry)

8720 Red Oak Boulevard, Charlotte, NC 28217 | pdavison@mhi.org, www.mhi.org

#### **Revision**

BSR MH28.3-202X, Design, Testing, and Utilization of Industrial Steel Work Platforms (revision of ANSI MH28.3-2018)

This standard applies to industrial steel work platforms. An industrial steel work platform is typically a prefabricated free-standing non-building structure similar to a building with an elevated surface that utilizes a pre-designed framing system and is located within an industrial or similarly restricted environment. Flooring may include other structural or non-structural elements such as, but not limited to, concrete, steel, and engineered wood-products. This standard is intended to be applied to the design, testing and utilization of such structures. Industrial steel work platforms are referred to as just “work platforms” or “platforms” in this standard. This standard does not apply to platforms whose structural framing components are not made from steel.

Single copy price: \$50.00

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## Comment Deadline: September 13, 2021

### **SCTE (Society of Cable Telecommunications Engineers)**

140 Philips Rd, Exton, PA 19341 | [kcooney@scte.org](mailto:kcooney@scte.org), [www.scte.org](http://www.scte.org)

#### ***Reaffirmation***

BSR/SCTE 27-2016 (R202x), Subtitling Methods for Broadcast Cable (reaffirmation of ANSI/SCTE 27-2016)

This document defines a standard for a transmission protocol supporting multilingual subtitling services to augment video and audio within MPEG-2 multiplexes.

Single copy price: \$50.00

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140 Philips Rd, Exton, PA 19341 | [kcooney@scte.org](mailto:kcooney@scte.org), [www.scte.org](http://www.scte.org)

#### ***Reaffirmation***

BSR/SCTE 40-2016 (R202x), Digital Cable Network Interface Standard (reaffirmation of ANSI/SCTE 40-2016)

This standard defines the characteristics and normative specifications for the digital network interface between a cable television system and commercially available digital cable products that are used to access multi-channel television programming. The network interface is also compatible with existing analog and digital set-top terminal equipment owned by cable operators and with terminal equipment developed via the OpenCable™ specification process (see [www.opencable.com](http://www.opencable.com)). All specifications in this document apply at the Demarcation Point except as specifically noted. Specifications noted to apply at the terminal device are applicable regardless of whether that device is owned by the subscriber or the cable operator.

Single copy price: \$50.00

Obtain an electronic copy from: [admin@standards.scte.org](mailto:admin@standards.scte.org)

Order from: Global Engineering Documents, (800) 854-7179, [www.global.ihs.com](http://www.global.ihs.com)

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### **SCTE (Society of Cable Telecommunications Engineers)**

140 Philips Rd, Exton, PA 19341 | [kcooney@scte.org](mailto:kcooney@scte.org), [www.scte.org](http://www.scte.org)

#### ***Reaffirmation***

BSR/SCTE 142-2017 (R202x), Recommended Practice for Transport Stream Verification (reaffirmation of ANSI/SCTE 142-2017)

This Recommended Practice provides a common methodology for describing Transport Stream conformance criteria. This document explicitly describes the elements and parameters of SCTE 54, along with ATSC A/53-3 and A/65 that should be verified in an SCTE Transport Stream for it to be considered a proper emission. It does not cover RF, captioning, or elementary streams.

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### **SCTE (Society of Cable Telecommunications Engineers)**

140 Philips Rd, Exton, PA 19341 | [kcooney@scte.org](mailto:kcooney@scte.org), [www.scte.org](http://www.scte.org)

#### ***Reaffirmation***

BSR/SCTE 168-6-2017 (R202x), Recommended Practice for Monitoring Multimedia Distribution Quality (reaffirmation of ANSI/SCTE 168-6-2017)

The scope of this Recommended Practice document is to provide background and discussion on Multimedia Management (MMM) system requirements to assist the cable operator with MMM deployment design tradeoffs as well as provide guidance and recommendations on several topics related to the deployment of Multimedia Management systems based on the experiences to date of both the participating committee operators and vendor companies and the directions of ongoing work in the HMS.

Single copy price: \$50.00

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### **SCTE (Society of Cable Telecommunications Engineers)**

140 Philips Rd, Exton, PA 19341 | [kcooney@scte.org](mailto:kcooney@scte.org), [www.scte.org](http://www.scte.org)

#### ***Reaffirmation***

BSR/SCTE 168-7-2017 (R202x), Recommended Practice for Transport Stream Verification in an IP Transport Network (reaffirmation of ANSI/SCTE 168-7-2017)

This Recommended Practice is to give guidance about detecting errors in the IP Transport network used for the delivery of media services including Video and Audio streams of data with the associated control information to provide MPEG transport through an IP network. The IP Transport Layer operates in conjunction with other Application and Physical component layers that could also generate network impairments, this document will focus on the effect these impairments have on the detection of the cause of problems in the delivery of media services.

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### **SCTE (Society of Cable Telecommunications Engineers)**

140 Philips Rd, Exton, PA 19341 | [kcooney@scte.org](mailto:kcooney@scte.org), [www.scte.org](http://www.scte.org)

#### ***Reaffirmation***

BSR/SCTE 175-2017 (R202x), Recommended Practice for Qualifying Network Devices for High Availability Streaming Video (reaffirmation of ANSI/SCTE 175-2017)

The ANSI/SCTE 168 series of Recommended Practices describe IP video networks at MSO Headend, Core, and Hub networks. While all these configurations carry media over IP, the video flow types and distribution, link speeds, and possibly QoS policies are different at various locations. Different mixes of traffic types such as VoIP and data may be present in some locations and not in others. The recommended baseline tests in this document are intended to represent the operation of network devices in these three applications.

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## Comment Deadline: September 13, 2021

### SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 | [kcooney@scte.org](mailto:kcooney@scte.org), [www.scte.org](http://www.scte.org)

#### **Reaffirmation**

BSR/SCTE 233-2016 (R202x), Wavelength-Division Multiplex Small Form Factor Pluggable (PXFP-WDM) Optical Transmitter Module Interface Specification (reaffirmation of ANSI/SCTE 233-2016)

A PON Extender architecture utilizing WDM optics enables 10GEPON to be deployed over limited fibers and distances over 20 km. This specification focuses on the communications, electrical, optical, and mechanical interfaces for the Wavelength-Division Multiplex Small Form Factor Pluggable transceiver module (PXFP-WDM). PXFP-WDM is a pluggable optical transceiver module. The basic requirements are plugging into existing XFP ports in the OLT and having CWDM or DWDM 2-fiber optics (1 port for transmit and 1 port for receive). The downstream data rate is 10 Gb/s in continuous mode. The upstream data rate is a mix of 10 Gb/s and 1.25 Gb/s in continuous mode to handle co-existence of 10/10 and 10/1 ONU's in the same PON group.

Single copy price: \$50.00

Obtain an electronic copy from: [admin@standards.scte.org](mailto:admin@standards.scte.org)

Order from: Global Engineering Documents, (800) 854-7179, [www.global.ihs.com](http://www.global.ihs.com)

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: [admin@standards.scte.org](mailto:admin@standards.scte.org)

### TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway South, Peachtree Corners, GA 30092 | [standards@tappi.org](mailto:standards@tappi.org), [www.tappi.org](http://www.tappi.org)

#### **New Standard**

BSR/TAPPI T 227 om-202x, Freeness of pulp (Canadian standard method) (new standard)

The freeness of pulp is designed to give a measure of the rate at which a dilute suspension of pulp (3 g of pulp in 1 L of water) may be drained. The freeness, or drainage rate (see TAPPI T 221 "Drainage Time of Pulp"), has been shown to be related to the surface conditions and swelling of the fibers. Besides these factors, the result is dependent also on conditions under which the test is carried out, such as stock preparation, temperature, and water quality. The applicability of this method to all types of pulps has not been determined.

Single copy price: Free

Obtain an electronic copy from: [standards@tappi.org](mailto:standards@tappi.org)

Order from: [standards@tappi.org](mailto:standards@tappi.org)

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

### TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Peachtree Corners, GA 30092 | [standards@tappi.org](mailto:standards@tappi.org), [www.tappi.org](http://www.tappi.org)

#### **New Standard**

BSR/TAPPI T 278 sp-202x, Pulp screening (Valley-type screening device) (new standard)

This practice provides a laboratory screening procedure for pulps taken directly from a blow or discharged from digesters, eliminating time lapse and assuring uniform pulp properties. practice describes a method for separating debris from virgin or recycled pulps.

Single copy price: Free

Obtain an electronic copy from: [standards@tappi.org](mailto:standards@tappi.org)

Order from: [standards@tappi.org](mailto:standards@tappi.org)

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Natasha Bush-Postell, [standards@tappi.org](mailto:standards@tappi.org)

## Comment Deadline: September 13, 2021

### TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Peachtree Corners, GA 30092 | [standards@tappi.org](mailto:standards@tappi.org), [www.tappi.org](http://www.tappi.org)

#### ***New Standard***

BSR/TAPPI T 448 om-202x, Water vapor transmission rate of paper and paperboard at 23 degrees C and 50% RH (new standard)

This method provides for the gravimetric determination of the water vapor transmission rate (WVTR) of sheet materials at 23°C with an atmosphere of 50% RH on one side and a desiccant on the other.

Single copy price: Free

Obtain an electronic copy from: [standards@tappi.org](mailto:standards@tappi.org)

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Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Natasha Bush-Postell, [standards@tappi.org](mailto:standards@tappi.org)

### TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Peachtree Corners, GA 30092 | [standards@tappi.org](mailto:standards@tappi.org), [www.tappi.org](http://www.tappi.org)

#### ***Reaffirmation***

BSR/TAPPI T 200 sp-2015 (R202x), Laboratory beating of pulp (Valley beater method) (reaffirmation of ANSI/TAPPI T 200 sp-2015)

This procedure is used to define the papermaking quality of pulp, by subjecting it to a controlled mechanical treatment in a laboratory beater; see also TAPPI T 248 "Laboratory Beating of Pulp (PFI Mill Method)." The beating procedure may be used with any pulp, suitably modifying the withdrawal schedule to provide the number of samples required for a satisfactory beater curve. The method may not give satisfactory results with certain extremely long-fibered pulps, such as cotton fibers or jute, since the fibers entangle and tend to rope in the beater.

Single copy price: Free

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## Comment Deadline: September 13, 2021

### TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Peachtree Corners, GA 30092 | [standards@tappi.org](mailto:standards@tappi.org), [www.tappi.org](http://www.tappi.org)

#### **Reaffirmation**

BSR/TAPPI T 411 om-2015 (R202x), Thickness (caliper) of paper, paperboard, and combined board (reaffirmation of ANSI/TAPPI T 411 om-2015)

This method describes the procedure for measuring single-sheet thickness and variations in single sheet thickness of paper, paperboard, and combined board. The term “combined board” encompasses both corrugated and solid fiberboard. Selection of samples/specimens cut across the web (perpendicular to the machine direction) may be used to determine the cross machine caliper profile. Because of the relatively high pressure [50 kPa (7.3 psi)] used in this test method, it may not be suitable for measurement of tissue or other soft or low-density materials, because the structure may collapse (decrease in thickness) at the prescribed pressure of 50 kPa. Another method for measuring the thickness of paper is TAPPI T 500, Book Bulk and Bulking Number of Paper, which describes a procedure for measuring the overall thickness of a stack of book paper under pressure of 250 kPa (35 psi). An essentially identical method is described in ASTM D645-96. TAPPI T 551, Thickness of Paper and Paperboard (Soft Platen Method), describes a method for measuring the effective thickness of paper and board products utilizing soft rubber platens. This method always yields smaller values than TAPPI T 411.

Single copy price: Free

Obtain an electronic copy from: [standards@tappi.org](mailto:standards@tappi.org)

Order from: [standards@tappi.org](mailto:standards@tappi.org)

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### TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Peachtree Corners, GA 30092 | [standards@tappi.org](mailto:standards@tappi.org), [www.tappi.org](http://www.tappi.org)

#### **Revision**

BSR/TAPPI T 476 om-202x, Abrasion loss of paper and paperboard (Taber-type method) (revision of ANSI/TAPPI T 476 om-2011)

This method determines the resistance of surfaces of paper and paperboard to the action of abrasion, either wet or dry, by measuring abrasion loss. This test is not applicable to surfaces treated with wax or similar materials which would fill in the pores of the abrasive wheels.

Single copy price: Free

Obtain an electronic copy from: [standards@tappi.org](mailto:standards@tappi.org)

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Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Natasha Bush-Postell, [standards@tappi.org](mailto:standards@tappi.org)

## Comment Deadline: September 13, 2021

### UL (Underwriters Laboratories)

171 Nepean Street, Ottawa, ON K2P 0B4 Canada | [laura.werner@ul.org](mailto:laura.werner@ul.org), <https://ul.org/>

#### ***New Standard***

BSR/UL 2583-202x, Standard for Safety for Fuel Tank Accessories for Flammable and Combustible Liquids (new standard)

The following is being proposed: a Bi-National standard for Fuel Tank Accessories (UL/ULC 2583) using UL 2583, Outline of Investigation for Fuel Tank Accessories; CAN/ULC-S661, Overfill Protection Devices for Flammable and Combustible Liquid Storage Tanks; and CAN/ULC-S663, Spill Containment Devices for Aboveground Flammable and Combustible Liquid Storage Tanks, as source material for this new standard. This standard will cover requirements for mechanical type accessories that are typically intended for attachment to storage tanks or connecting pipe for flammable and combustible liquids in commercial (public) or private (fleet) automotive fueling stations and similar storage or dispensing applications and are designed to provide automatic safety or operational functions. These products are intended for use with storage tanks or fueling systems containing automotive fuels and similar fuels or liquids under the expected use conditions and exposures that have similar chemical, physical, and material compatibility properties as represented in these requirements.

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

### UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | [Nicolette.A.Weeks@ul.org](mailto:Nicolette.A.Weeks@ul.org), <https://ul.org/>

#### ***Revision***

BSR/UL 710B-202X, Standard for Recirculating Systems (revision of ANSI/UL 710B-2014 (R2019))

UL proposes an addition of Ozone Generator Requirements to UL 710B.

Single copy price: Free

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### UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | [Casey.Granata@ul.org](mailto:Casey.Granata@ul.org), <https://ul.org/>

#### ***Revision***

BSR/UL 1066-201X-202x, Standard for Safety for Low-Voltage AC and DC Power Circuit Breakers Used in Enclosures (revision of ANSI/UL 1066-2017)

The fifth edition of the Standard for Low-Voltage AC and DC Power Circuit Breakers Used in Enclosures is being proposed as a Binational Standard for United States and Canada.

Single copy price: Contact comm2000 for pricing and delivery options

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

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## Comment Deadline: September 13, 2021

### UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062 | Elizabeth.Northcott@ul.org, <https://ul.org/>

#### Revision

BSR/UL 8800-202x, Standard for Horticultural Lighting Equipment and Systems (revision of ANSI/UL 8800-2019)  
(1) Addition of requirements to address coatings serving an electrical and/or fire enclosure function for LED arrays.

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## Project Withdrawn

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

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

2311 Wilson Boulevard, Arlington, VA 22201 | [kcarlson@ahrinet.org](mailto:kcarlson@ahrinet.org), [www.ahrinet.org](http://www.ahrinet.org)

BSR/AHRI Standard 1521P (SI)-202x, Performance Rating of Centrifugal Refrigerant Compressors (new standard)

Inquiries may be directed to Kristin Carlson; [kcarlson@ahrinet.org](mailto:kcarlson@ahrinet.org)

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

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

### TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Peachtree Corners, GA 30092 | [standards@tappi.org](mailto:standards@tappi.org), [www.tappi.org](http://www.tappi.org)

*This withdrawn ANS is being reintroduced as a newly proposed standard and is listed in the PINS section of this July 30, 2021 issue of Standards Action.*

ANSI/TAPPI T 811 om-2011, Edgewise compressive strength of corrugated fiberboard (short column test)

Inquiries may be directed to Brittaney Lovett; [standards@tappi.org](mailto:standards@tappi.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.

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## **AAFS (American Academy of Forensic Sciences)**

410 North 21st Street, Colorado Springs, CO 80904 | [tambrosius@aafs.org](mailto:tambrosius@aafs.org), [www.aafs.org](http://www.aafs.org)

### *New Standard*

ANSI/ASB BPR 094-2021, Postmortem Fingerprint Recovery: Guidance and Best Practices for Disaster Victim Identification (new standard) Final Action Date: 7/26/2021

## **ABMA (ASC B3) (American Bearing Manufacturers Association)**

1001 N. Fairfax Street, Alexandria, VA 22314 | [aboutaleb@agma.org](mailto:aboutaleb@agma.org), [www.americanbearings.org](http://www.americanbearings.org)

### *National Adoption*

ANSI ABMA ISO 12240-1-AXX-2021, Spherical plain bearings - Part 1: Radial spherical plain bearings (identical national adoption of ISO 12240-1:1998 and revision of) Final Action Date: 7/23/2021

### *National Adoption*

ANSI ABMA ISO 12240-2-AXX-2021, Spherical plain bearings - Part 2: Angular contact radial spherical plain bearings (identical national adoption of ISO 12240-2:1998) Final Action Date: 7/23/2021

### *National Adoption*

ANSI ABMA ISO 12240-3-AXX-2021, Spherical plain bearings - Part 3: Thrust spherical plain bearings (identical national adoption of ISO 12240-3:1998) Final Action Date: 7/23/2021

## **ANS (American Nuclear Society)**

555 North Kensington Avenue, La Grange Park, IL 60526 | [kmurdoch@ans.org](mailto:kmurdoch@ans.org), [www.ans.org](http://www.ans.org)

### *Reaffirmation*

ANSI/ANS 15.4-2016 (R2021), Selection and Training of Personnel for Research Reactors (reaffirmation of ANSI/ANS 15.4-2016) Final Action Date: 7/23/2021

## **API (American Petroleum Institute)**

200 Massachusetts Avenue NW, Washington, DC 20001-5571 | [hughesc@api.org](mailto:hughesc@api.org), [www.api.org](http://www.api.org)

### *Revision*

ANSI/API Recommended Practice 754, Third Edition-2021, Process Safety Performance Indicators for the Refining and Petrochemical Industries (revision and redesignation of ANSI/API Recommended Practice 754, Second Edition-2016) Final Action Date: 7/22/2021

## **ASC X9 (Accredited Standards Committee X9, Incorporated)**

275 West Street, Annapolis, MD 21401 | [Ambria.frazier@x9.org](mailto:Ambria.frazier@x9.org), [www.x9.org](http://www.x9.org)

### *Revision*

ANSI X9.100-160-1-2021, Magnetic Ink Printing (MICR) - Part 1: Formatting MICR (revision of ANSI X9.100-160-1-2015) Final Action Date: 7/22/2021

## **ASME (American Society of Mechanical Engineers)**

Two Park Avenue, New York, NY 10016-5990 | [ansibox@asme.org](mailto:ansibox@asme.org), [www.asme.org](http://www.asme.org)

### *Revision*

ANSI/ASME B89.4.10-2021, Methods for Performance Evaluation of Coordinate Measuring System Software (revision of ANSI/ASME B89.4.10-2000 (R2011)) Final Action Date: 7/22/2021

**ATIS (Alliance for Telecommunications Industry Solutions)**

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

*Revision*

ANSI/ATIS 0600028-2021, DC Power Wire and Cable for Telecommunications Power Systems - for XHHW/XHHW-2 and DLO/Halogenated RHH-RHW Cable Types (revision of ANSI/ATIS 0600028-2016) Final Action Date: 7/26/2021

*Revision*

ANSI/ATIS 0600318-2021, Electrical Protection Applied to Telecommunications Network Plant at Entrances to Customer Structures or Buildings (revision of ANSI/ATIS 0600318-2016) Final Action Date: 7/26/2021

*Revision*

ANSI/ATIS 0600338-2021, Electrical Coordination of Primary and Secondary Surge Protective Devices for Use in Telecommunications Circuits (revision of ANSI/ATIS 0600338-2016) Final Action Date: 7/26/2021

**AWS (American Welding Society)**

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

*New Standard*

ANSI/AWS B2.1-1-018-2021, Standard Welding Procedure Specification (SWPS) for Self-Shielded Flux-Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E71T-8, in the As-Welded Condition, Primarily Plate and Structural Applications (new standard) Final Action Date: 7/22/2021

**CSA (CSA America Standards Inc.)**

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

*New Standard*

ANSI/CSA C22.2 No. 298-2021, High Voltage Couplers (new standard) Final Action Date: 7/26/2021

**CTA (Consumer Technology Association)**

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

*\* Reaffirmation*

ANSI/CTA 2045.1-2014 (R2021), Modular Communications Interface for Firmware Transfer Message Set (reaffirmation of ANSI/CTA 2045.1-2014) Final Action Date: 7/23/2021

*\* Reaffirmation*

ANSI/CTA 2045.3-2014 (R2021), Modular Communications Interface for Thermostat Message Set (reaffirmation of ANSI/CTA 2045.3-2014) Final Action Date: 7/23/2021

**ECIA (Electronic Components Industry Association)**

13873 Park Center Road, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

*Reaffirmation*

ANSI/EIA 364-41E-2010 (R2021), Cable Flexing Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-41E-2010 (R2016)) Final Action Date: 7/23/2021

*Reaffirmation*

ANSI/EIA 364-53B-2000 (R2021), Nitric Acid Vapor Test, Gold Finish Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-53B-2000 (R2016)) Final Action Date: 7/23/2021



**ECIA (Electronic Components Industry Association)**

13873 Park Center Road, Herndon, VA 20171 | [Idonohoe@ecianow.org](mailto:Idonohoe@ecianow.org), [www.ecianow.org](http://www.ecianow.org)

*Reaffirmation*

ANSI/EIA 364-58A-2003 (R2021), Temperature Life with Mechanical Loading for Connectors with Removable Contacts (Static Mechanical Load at Temperature) Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-58A-2003 (R2016)) Final Action Date: 7/23/2021

*Reaffirmation*

ANSI/EIA 364-88A-2009 (R2021), Residual Magnetism Test Procedure for Electrical Connectors, Contacts and Sockets (reaffirmation of ANSI/EIA 364-88A-2009 (R2016)) Final Action Date: 7/23/2021

*Reaffirmation*

ANSI/EIA 364-109-2003 (R2021), Loop Inductance Measurement Test Procedure for Electrical Connectors (1 nH-10 nH) (reaffirmation of ANSI/EIA 364-109-2003 (R2016)) Final Action Date: 7/23/2021

*Revision*

ANSI/EIA 364-10J-2021, Fluid Immersion Test Procedure for Electrical Connectors, Sockets and Cable Assemblies (revision and redesignation of ANSI/EIA 364-10H-2019) Final Action Date: 7/23/2021

**NEMA (ASC C136) (National Electrical Manufacturers Association)**

1300 North 17th Street, Rosslyn, VA 22209 | [David.Richmond@nema.org](mailto:David.Richmond@nema.org), [www.nema.org](http://www.nema.org)

*New Standard*

ANSI C136.50-2021, Roadway and Area Lighting Equipment - Energy Measurement for a Network Lighting Control (NLC) Device with Locking Type Receptacle (new standard) Final Action Date: 7/20/2021

**NEMA (ASC C8) (National Electrical Manufacturers Association)**

1300 North 17th Street, Arlington, VA 22209 | [Khaled.Masri@nema.org](mailto:Khaled.Masri@nema.org), [www.nema.org](http://www.nema.org)

*New Standard*

ANSI ICEA S-130-760-2021, ICEA Standard for Broadband Twisted Pair Cable Filled and Unfilled, Polyolefin Insulated, Copper Conductor (new standard) Final Action Date: 7/22/2021

**NFPA (National Fire Protection Association)**

One Batterymarch Park, Quincy, MA 02269-9101 | [PFoley@nfpa.org](mailto:PFoley@nfpa.org), [www.nfpa.org](http://www.nfpa.org)

*New Standard*

ANSI/NFPA 1891-2022, Standard on Selection, Care, and Maintenance of Hazardous Materials Clothing and Equipment (new standard) Final Action Date: 7/24/2021

*New Standard*

ANSI/NFPA 1990-2022, Standards for Protective Ensembles for Hazardous Material and Emergency Medical Operations (new standard) Final Action Date: 7/24/2021

**NSF (NSF International)**

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | [jsnider@nsf.org](mailto:jsnider@nsf.org), [www.nsf.org](http://www.nsf.org)

*Revision*

ANSI/NSF 358-1-2021 (i5r1), Polyethylene Pipe and Fittings for Water-Based Ground-Source Geothermal Heat Pump Systems (revision of ANSI/NSF 358-1-2020) Final Action Date: 7/22/2021

**SCTE (Society of Cable Telecommunications Engineers)**

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

*New Standard*

ANSI/SCTE 264-2021, Broadband Radio Frequency Hardline Taps for Cable Systems (new standard) Final Action Date: 7/22/2021

*New Standard*

ANSI/SCTE 269-2021, Test Procedure for F Port Center Conductor Retention Force (new standard) Final Action Date: 7/22/2021

*Revision*

ANSI/SCTE 78-2021, Test Method for Transfer Impedance (revision of ANSI/SCTE 78-2017) Final Action Date: 7/22/2021

*Revision*

ANSI/SCTE 129-2021, Drop Passives: Bonding Blocks(Without Surge Protection) (revision of ANSI/SCTE 129-2017) Final Action Date: 7/22/2021

*Revision*

ANSI/SCTE 146-2021, Outdoor F Female to F Female Inline Splice (revision of ANSI/SCTE 146-2017) Final Action Date: 7/22/2021

*Revision*

ANSI/SCTE 155-2021, Indoor F Female to F Female Inline Splice (revision of ANSI/SCTE 155-2017) Final Action Date: 7/22/2021

*Revision*

ANSI/SCTE 224-2021, Event Scheduling and Notification Interface (ESNI) (revision of ANSI/SCTE 224-2020) Final Action Date: 7/22/2021

# 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.

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## **ASME (American Society of Mechanical Engineers)**

Two Park Avenue, New York, NY 10016-5990 | [ansibox@asme.org](mailto:ansibox@asme.org), [www.asme.org](http://www.asme.org)  
Terrell Henry; [ansibox@asme.org](mailto:ansibox@asme.org)

BSR/ASME B89.6.2-202x, Temperature and Humidity Environment for Dimensional Measurement (revision of ANSI/ASME B89.6.2-1973 (R2017))

## **ASSP (Safety) (American Society of Safety Professionals)**

520 N. Northwest Highway, Park Ridge, IL 60068 | [LBauerschmidt@assp.org](mailto:LBauerschmidt@assp.org), [www.assp.org](http://www.assp.org)  
Lauren Bauerschmidt; [LBauerschmidt@assp.org](mailto:LBauerschmidt@assp.org)

BSR/ASSP A1264.1-202x, Safety Requirements for Workplace Walking/Working Surfaces and Their Access; Workplace, Floor, Wall and Roof Openings; Stairs and Guardrail/Handrail Systems (revision and redesignation of ANSI/ASSE A1264.1-2017)

BSR/ASSP Z15.1-202x, Safe Practices for Motor Vehicle Operations (revision and redesignation of ANSI/ASSE Z15.1-2017)

BSR/ASSP Z359.12-202X, Connecting Components for Personal Fall Arrest Systems (revision of ANSI/ASSP Z359.12-2019)

BSR/ASSP Z359.18-202x, Safety Requirements for Anchorage Connectors for Active Fall Protection Systems (revision and redesignation of ANSI/ASSE Z359.18-2017)

BSR/ASSP/ISO 45001-202X, Occupational health and safety management systems - Requirements with guidance for use (identical national adoption of ISO 45001:2018 and revision of ANSI/ASSP/ISO 45001-2018)

## **HI (Hydraulic Institute)**

300 Interpace Parkway, Parsippany, NJ 07054 | [asisto@pumps.org](mailto:asisto@pumps.org), [www.pumps.org](http://www.pumps.org)  
Amy Sisto; [asisto@pumps.org](mailto:asisto@pumps.org)

BSR/HI 10.6-202x, Air-Operated Pump Tests (revision of ANSI/HI 10.6-2010 (R2016))

## **MedBiq (MedBiquitous - the standards development program of the AAMC)**

655 K Street, N.W., Washington, DC 20001-2399 | [jpatton@aamc.org](mailto:jpatton@aamc.org), [www.medbiq.org](http://www.medbiq.org)  
Johmarx Patton; [jpatton@aamc.org](mailto:jpatton@aamc.org)

BSR/MBQ.CF.20-04.XML.3.0.0-202x, MedBiquitous Specification No. 20-04.XML.3.0.0-2021 for Competency Framework (new standard)

BSR/MBQ.PF.20-05.XML.3.0.0-202x, MedBiquitous Specification No. 20-05.XML.3.0.0-2021 for Performance Framework (new standard)

## **NSF (NSF International)**

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | [jsnider@nsf.org](mailto:jsnider@nsf.org), [www.nsf.org](http://www.nsf.org)  
Jason Snider; [jsnider@nsf.org](mailto:jsnider@nsf.org)

BSR/NSF 14-202x (i118r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

**NSF (NSF International)**

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

BSR/NSF 42-202x (i115r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2020)

BSR/NSF 42-202x (i119r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2020)

BSR/NSF 455-2-202x (i29r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

**TAPPI (Technical Association of the Pulp and Paper Industry)**

15 Technology Parkway, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org  
Natasha Bush-Postell; standards@tappi.org

BSR/TAPPI T 274 sp-202x, Laboratory screening of pulp (MasterScreen-type instrument) (revision of ANSI/TAPPI T 274 sp-2013)

BSR/TAPPI T 403 om-202x, Bursting strength of paper (revision and redesignation of ANSI/TAPPI T 403 om-2015)

BSR/TAPPI T 494 om-202x, Tensile properties of paper and paperboard (using constant rate of elongation apparatus) (revision and redesignation of ANSI/TAPPI T 494 om-2013)

BSR/TAPPI T 555 om-202x, Roughness of paper and paperboard (Print-surf method) (revision and redesignation of ANSI/TAPPI T 555 om-2015)

BSR/TAPPI T 648 om-202x, Viscosity of coating clay slurry (revision and redesignation of ANSI/TAPPI T 648 om-2014)

BSR/TAPPI T 702 om-202x, Rheological measurements for characterization of polyolefins: low-density polyethylene (LDPE) for extrusion coating (revision and redesignation of ANSI/TAPPI T 702 om-2014)

BSR/TAPPI T 802 om-2021 (R202x), Drop test for fiberboard shipping containers (reaffirmation of ANSI/TAPPI T 802 om-2012)

BSR/TAPPI T 809 om-202x, Flat crush of corrugating medium (CMT test) (new standard)

BSR/TAPPI T 810 om-202x, Bursting strength of corrugated board (new standard)

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

BSR/TAPPI T 821 om-2012 (R202x), Pin adhesion of corrugated board by selective separation (reaffirmation of ANSI/TAPPI T 821 om-2012)

BSR/TAPPI T 825 om-202x, Flat crush test of corrugated board (rigid support method) (revision and redesignation of ANSI/TAPPI T 825 om-2014)

BSR/TAPPI T 827 om-202x, Box blank dimensioning (new standard)

# Call for Members (ANS Consensus Bodies)

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## ANSI Accredited Standards Developer

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

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

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

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

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

- Service Providers
- Users
- Standards Development Organizations and Consortia
- Academic Institutions

## 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](http://www.scte.org) or by e-mail from [standards@scte.org](mailto:standards@scte.org).

Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at [www.scte.org](http://www.scte.org) or by e-mail from [standards@scte.org](mailto:standards@scte.org).

## Accreditation Announcements (Standards Developers)

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### Approval of Reaccreditation – ASD

#### CPLSO - CPLSO

Effective December 11, 2018

The reaccreditation of **CPLSO** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on CPLSO-sponsored American National Standards, effective **July 23, 2021**. For additional information, please contact: Dr. Hugh Pratt, Secretary, CPLSO, The Marchioness Building, Commercial Road, Bristol BS16TG, UK; (078) 796-2989, [pratt.hugh@cplso.org](mailto:pratt.hugh@cplso.org)

### Public Review of Revised ASD Operating Procedures

#### AMCA - Air Movement and Control Association

Comment Deadline: August 29, 2021

The **AMCA - Air Movement and Control Association**, an ANSI Member and Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on AMCA-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: Joseph Brooks, Air Movement and Control Association (AMCA); 30 West University Drive, Arlington Heights, IL 60004-1893; (847) 394-0150; [jbrooks@amca.org](mailto:jbrooks@amca.org)

[Click here to view/download a copy of the revisions during the public review period.](#)

Please submit any public comments on the revised procedures to AMCA by **August 30, 2021**, with a copy to the ExSC Recording Secretary in ANSI's New York Office ([jthompo@ANSI.org](mailto:jthompo@ANSI.org)).

# Meeting Notices (Standards Developers)

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## **ANSI Accredited Standards Developer**

### **RIA - Robotic Industries Association**

#### **Meeting Format & Location: Remote via GoToMeeting**

ANSI-Accredited Standards Committee: R15.08, Industrial Mobile Robot Safety

Meeting Sponsor/Host: A3, the Association for Advancing Automation

Purpose: Interim review of Drafting Team's work on Part 2 (partial draft)

The meeting will be held in several sessions as follows:

Virtual Session #1: Tuesday, August 31, 2021, 10:00 AM – 12:00 noon (EDT) / 7:00 AM – 9:00 AM (PT)

Virtual Session #2: Thursday, September 2, 2021; 10:00 AM – 12:00 noon (EDT) / 7:00 AM – 9:00 AM (PT)

Virtual Session #3: (Note: Could be cancelled if not needed): Friday Sept. 10, 2021; 10:00 AM – 12:00 noon (EDT) / 7:00 AM – 9:00 AM (PT)

For More Information: Contact Carole Franklin, [cfranklin@robotics.org](mailto:cfranklin@robotics.org).

## American National Standards (ANS) Process

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Please visit ANSI's website ([www.ansi.org](http://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](http://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](http://www.ansi.org))

- ANSI Essential Requirements: Due process requirements for American National Standards (always current edition): [www.ansi.org/essentialrequirements](http://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](http://www.ansi.org/standardsaction)
- Accreditation information – for potential developers of American National Standards (ANS): [www.ansi.org/sdoaccreditation](http://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](http://www.ansi.org/asd)
- Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS: [www.ansi.org/asd](http://www.ansi.org/asd)
- American National Standards Key Steps: [www.ansi.org/anskeysteps](http://www.ansi.org/anskeysteps)
- American National Standards Value: [www.ansi.org/ansvalue](http://www.ansi.org/ansvalue)
- ANS Web Forms for ANSI-Accredited Standards Developers - PINS, BSR8|108, BSR11, Technical Report: <https://www.ansi.org/portal/psawebforms/>
- Information about standards Incorporated by Reference (IBR): <https://ibr.ansi.org/>
- ANSI - Education and Training: [www.standardslearn.org](http://www.standardslearn.org)

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

If you are interested in purchasing an American National Standard, please visit <https://webstore.ansi.org>



# American National Standards Under Continuous Maintenance

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

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

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

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

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](http://www.ansi.org/asd), select “American National Standards Maintained Under Continuous Maintenance.” Questions? [psa@ansi.org](mailto: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](mailto:psa@ansi.org).

## AAFS

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410 North 21st Street  
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Teresa Ambrosius  
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## ABMA (ASC B3)

American Bearing Manufacturers Association  
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Amir Aboutaleb  
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## ANS

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## API

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Christopher Hughes  
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## ASC X9

Accredited Standards Committee X9, Incorporated  
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## ASME

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## ASSP (Safety)

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520 N. Northwest Highway  
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Tim Fisher  
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## ATIS

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## AWI

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Cheryl Dermyre  
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## AWS

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Jennifer Rosario  
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## CSA

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## CTA

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## ECIA

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## HI

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## IAPMO (Z)

International Association of Plumbing & Mechanical Officials  
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## ICC

International Code Council  
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## ANSI-Accredited Standards Developers Contact Information

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**NFPA**

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# ISO & IEC Draft International Standards



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

## COMMENTS

Comments regarding ISO documents should be sent to ANSI's ISO Team ([isot@ansi.org](mailto: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](mailto: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](mailto:sales@ansi.org). When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

## ISO Standards

### Agricultural food products (TC 34)

ISO/DIS 24583, Quantitative nuclear magnetic resonance spectroscopy - Purity determination of organic compounds used for foods and food products - General requirements - 10/14/2021, \$102.00

ISO/DIS 15213-1, Microbiology of the food chain - Horizontal method for the detection and enumeration of *Clostridium* spp. - Part 1: Enumeration of sulfite-reducing *Clostridium* spp. by colony-count technique - 10/7/2021, \$82.00

ISO/DIS 20976-2, Microbiology of the food chain - Requirements and guidelines for conducting challenge tests of food and feed products - Part 2: Challenge tests to study inactivation potential and kinetic parameters - 10/7/2021, \$88.00

### Bases for design of structures (TC 98)

ISO/DIS 23618, Bases for design of structures - General principles on seismically isolated structures - 11/8/2021, \$119.00

### Building construction (TC 59)

ISO/FDIS 10591, Building and civil engineering sealants - Determination of adhesion/cohesion properties of sealants after immersion in water - 11/4/2021, \$40.00

### Cleaning equipment for air and other gases (TC 142)

ISO/DIS 29461-7, Air intake filter systems for rotary machinery - Test methods - Part 7: Filter element endurance test in fog and mist environments - 11/9/2019, \$93.00

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

ISO/FDIS 4307, Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for saliva - Isolated human DNA - 11/3/2010, \$58.00

### Cosmetics (TC 217)

ISO/FDIS 24443, Cosmetics - Determination of sunscreen UVA photoprotection in vitro - 11/5/2029, \$107.00

### Cryogenic vessels (TC 220)

ISO/DIS 21012, Cryogenic vessels - Hoses - 10/11/2021, \$82.00

### Dentistry (TC 106)

ISO/FDIS 9680, Dentistry - Operating lights - 11/2/2025, \$82.00

ISO/FDIS 7711-1, Dentistry - Diamond rotary instruments - Part 1: General requirements - 11/6/2013, \$58.00

### Documents and data elements in administration, commerce and industry (TC 154)

ISO/DIS 34000, Date and time - Concepts and vocabulary - 10/10/2021, \$77.00

### Essential oils (TC 54)

ISO/FDIS 5093, Essential oil of lemon myrtle (*Backhousia citriodora* F. Muell.), citral type - 11/4/2011, \$46.00

### Facilities management (TC 267)

ISO/DIS 41018, Facility management - Development of a facility management policy - 10/8/2021, \$71.00

### Fertilizers and soil conditioners (TC 134)

ISO/FDIS 22862, Fertilizers and soil conditioners - Compound fertilizer - General requirements - 11/2/2018, \$46.00

### Fire safety (TC 92)

ISO/DIS 12863, Standard test method for assessing the ignition propensity of cigarettes - 11/8/2022, \$82.00

**Foundry machinery (TC 306)**

ISO/DIS 23472-4, Foundry machinery - Vocabulary - Part 4: Abrasive blasting machines and other equipment related to cleaning and finishing for casting - 11/8/2018, \$62.00

**Furniture (TC 136)**

ISO/FDIS 4211-5, Furniture - Tests for surface finishes - Part 5: Assessment of resistance to abrasion - 11/13/2001, \$58.00

**Gas turbines (TC 192)**

ISO/DIS 3977-2, Gas turbines - Procurement - Part 2: Standard reference conditions and ratings - 11/8/2022, \$33.00

**Geotechnics (TC 182)**

ISO 17892-12/DAMd2, Geotechnical investigation and testing - Laboratory testing of soil - Part 12: Determination of liquid and plastic limits - Amendment 2 - 10/9/2021, \$29.00

**Implants for surgery (TC 150)**

ISO/DIS 21535, Non-active surgical implants - Joint replacement implants - Specific requirements for hip-joint replacement implants - 11/8/2021, \$71.00

ISO/DIS 21536, Non-active surgical implants - Joint replacement implants - Specific requirements for knee-joint replacement implants - 11/8/2021, \$71.00

**Industrial automation systems and integration (TC 184)**

ISO/DIS 23704-1, General requirements for cyber-physically controlled smart machine tool systems (CPSMT) - Part 1: Overview and fundamental principles - 11/9/2019, \$93.00

ISO/DIS 23704-2, General requirements for cyber-physically controlled smart machine tool systems (CPSMT) - Part 2: Reference architecture of CPSMT for subtractive manufacturing - 11/9/2019, \$102.00

ISO/DIS 8000-64, Data quality - Part 64: Data quality management: Organizational process maturity assessment: Application of the Test Process Improvement method - 11/8/2020, \$67.00

**Information and documentation (TC 46)**

ISO/DIS 233-3, Information and documentation - Transliteration of Arabic characters into Latin characters - Part 3: Persian language - Transliteration - 10/8/2021, \$62.00

ISO/DIS 23527, Information and documentation - Research activity identifier information technology - Learning, education, training and research (RAiD) - 10/14/2021, \$58.00

**Internal combustion engines (TC 70)**

ISO/FDIS 8178-2, Reciprocating internal combustion engines - Exhaust emission measurement - Part 2: Measurement of gaseous and particulate exhaust emissions under field conditions - 11/3/2016, \$134.00

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

ISO/DIS 9300, Measurement of gas flow by means of critical flow nozzles - 11/8/2018, \$165.00

**Microbeam analysis (TC 202)**

ISO/DIS 24639, Microbeam analysis - Analytical electron microscopy - Calibration procedure of energy scale for elemental analysis by electron energy loss spectroscopy - 11/8/2022, \$62.00

**Nanotechnologies (TC 229)**

ISO/DIS 80004-1, Nanotechnologies - Vocabulary - Part 1: Core terms and definitions - 10/8/2021, \$71.00

**Natural gas (TC 193)**

ISO/DIS 10715, Natural gas - Gas sampling - 11/8/2021, \$146.00

**Optics and optical instruments (TC 172)**

ISO/DIS 9802, Raw optical glass - Vocabulary - 10/7/2021, \$82.00

**Other**

ISO/DIS 17072-2, Leather - Chemical determination of metal content - Part 2: Total metal content - 10/10/2021, \$58.00

**Packaging (TC 122)**

ISO/DIS 15750-3, Packaging - Steel drums - Part 3: Inserted flange-type closure systems - 10/7/2021, \$102.00

**Paper, board and pulps (TC 6)**

ISO/DIS 5270.2, Pulps - Laboratory sheets - Determination of physical properties - 9/9/2021, \$53.00

ISO/DIS 12625-18, Tissue paper and tissue products - Part 18: Determination of surface friction - 10/8/2021, \$58.00

**Personal safety - Protective clothing and equipment (TC 94)**

ISO/FDIS 12609-1.2, Eye and face protection against intense light sources used on humans and animals for cosmetic and medical applications - Part 1: Specification for products - 11/10/2024, \$67.00

**Plastics (TC 61)**

ISO/DIS 7765-2, Plastics film and sheeting - Determination of impact resistance by the free-falling dart method - Part 2: Instrumented puncture test - 11/8/2020, \$62.00

ISO/DIS 16396-1, Plastics - Polyamide (PA) moulding and extrusion materials - Part 1: Designation system and basis for specifications - 11/8/2020, \$67.00

ISO/DIS 22526-4, Plastics - Carbon and environmental footprint of biobased plastics - Part 4: Environmental (total) footprint (Life Cycle Assessment) - 11/8/2020, \$93.00

**Railway applications (TC 269)**

ISO/DIS 24478, Railway applications - Braking - Generic vocabulary - 10/14/2021, \$93.00

ISO/FDIS 22749-2, Railway applications - Suspension components - Part 2: Approval procedure and quality monitoring for elastomer-mechanical parts - 11/10/2020, \$40.00

**Road vehicles (TC 22)**

ISO/DIS 14229-7, Road vehicles - Unified diagnostic services (UDS) - Part 7: UDS on local interconnect network (UDSonLIN) - 11/8/2018, \$71.00

**Robots and robotic devices (TC 299)**

IEC 80601-2-77/DAMd1, Medical electrical equipment - Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment - Amendment 1, \$40.00

IEC 80601-2-78/DAMd1, Medical electrical equipment - Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation - Amendment 1, \$53.00

**Round steel link chains, chain slings, components and accessories (TC 111)**

ISO/DIS 2415, Forged shackles for general lifting purposes - Dee shackles and bow shackles - 11/7/2026, \$88.00

**Security (TC 292)**

ISO/DIS 22379, Security and resilience - Guidelines for hosting and organizing citywide or regional events - 10/7/2021, \$102.00

**Sieves, sieving and other sizing methods (TC 24)**

ISO/FDIS 13322-2, Particle size analysis - Image analysis methods - Part 2: Dynamic image analysis methods - 11/2/2002, \$125.00

**Solar energy (TC 180)**

ISO/DIS 9845-1, Solar energy - Reference solar spectral irradiance at the ground at different receiving conditions - Part 1: Direct normal and hemispherical solar irradiance for air mass 1,5 - 10/7/2021, \$112.00

**Sports and recreational equipment (TC 83)**

ISO/DIS 24667, Sports and recreational facilities - Impact surfacing testing device - 11/9/2019, \$40.00

**Steel (TC 17)**

ISO/FDIS 2566-1, Steel - Conversion of elongation values - Part 1: Carbon and low alloy steels -, \$102.00

ISO/FDIS 2566-2, Steel - Conversion of elongation values - Part 2: Austenitic steels -, \$98.00

**Sterilization of health care products (TC 198)**

ISO/DIS 22441, Sterilization of health care products - Low temperature vaporized hydrogen peroxide - Requirements for the development, validation and routine control of a sterilization process for medical devices - 11/8/2018, \$146.00

**Tractors and machinery for agriculture and forestry (TC 23)**

ISO 28139/DAMd1, Equipment for crop protection - Knapsack combustion engine-driven airblast sprayers - Safety and environmental requirements and test methods - Amendment 1 - 10/11/2021, \$40.00

ISO/DIS 4444, Agricultural sprayers - Recording of Spray Drift Parameters - 11/9/2019, \$46.00

ISO/FDIS 7293, Forestry machinery - Portable chain-saws - Engine performance and fuel consumption - 11/14/2007, \$40.00

ISO/FDIS 8893, Forestry machinery - Portable brush-cutters and grass-trimmers - Engine performance and fuel consumption - 11/14/2007, \$40.00

**Traditional Chinese medicine (TC 249)**

ISO/FDIS 22467, Traditional Chinese medicine - Determination of microorganism in natural products - 11/6/2004, \$107.00

ISO/DIS 23964, Traditional Chinese Medicine - Saposhnikovia divaricata root and rhizome - 10/10/2021, \$67.00

ISO/FDIS 23972, Traditional Chinese medicine - Zingiber officinale rhizome - 11/13/2020, \$67.00

**Waste collection and transportation management (TC 297)**

ISO/DIS 24160, Refuse collection vehicles - Odour and leachate prevention and control - 11/8/2020, \$53.00

**Welding and allied processes (TC 44)**

ISO/DIS 17405, Non-destructive testing - Ultrasonic testing - Technique of testing claddings produced by welding, rolling and explosion - 11/8/2021, \$53.00

**ISO/IEC JTC 1, Information Technology**

ISO/IEC FDIS 15444-2, Information technology - JPEG 2000 image coding system - Part 2: Extensions - 11/14/2027, \$245.00

ISO/IEC FDIS 18181-1/DAMd1, Information technology - JPEG XL Image Coding System - Part 1: Core coding system - Amendment 1: Profiles and levels for JPEG XL image coding system - 11/8/2018, \$29.00

ISO/IEC DIS 19566-7, Information technologies - JPEG systems - Part 7: JPEG linked media format (JLINK) - 11/8/2018, \$102.00

ISO/IEC DIS 7816-11, Identification cards - Integrated circuit cards - Part 11: Personal verification through biometric methods - 11/9/2019, \$88.00

ISO/IEC DIS 23001-18, Information technology - MPEG systems technologies - Part 18: Event message tracks in the ISO base media file format - 11/8/2018, \$53.00

ISO/IEC DIS 23090-14, Information technology - Coded representation of immersive media - Part 14: Scene Description for MPEG Media - 11/9/2019, \$134.00

ISO/IEC/IEEE FDIS 8802-22, Telecommunications and information exchange between systems - Wireless Regional Area Networks (WRAN) - Specific requirements - Part 22: Cognitive Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Policies and procedures for operation in the bands that allow spectrum sharing where the communications devices may opportunistically operate in the spectrum of primary service -, \$380.00

## IEC Standards

1/2457/FDIS, IEC 60050-826 ED3: International Electrotechnical Vocabulary (IEV) - Part 826: Electrical installations, 09/03/2021

15/943/CDV, IEC 60763-2/AMD1 ED2: Amendment 1: Specification for laminated pressboard - Part 2: Methods of test, 10/15/2021

17A/1318/FDIS, IEC/IEEE 62271-37-013 ED2: High-voltage switchgear and controlgear - Part 37-013: Alternating current generator circuit-breakers, 09/03/2021

23/983/DTR, IEC TR 63044-2 ED1: Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 2: Environmental conditions, 09/17/2021

23A/976/FDIS, IEC 61914 ED3: Cable cleats for electrical installations, 09/03/2021

45A/1395/DTR, IEC TR 63400 ED1: Nuclear facilities - Instrumentation, control and electrical power systems important to safety - Structure of the IEC SC45A standards series, 09/17/2021

46A/1508/CD, IEC 61196-10 ED2: Coaxial communication cables - Part 10: Sectional specification for semi-rigid cables with polytetrafluoroethylene (PTFE) dielectric, 10/15/2021

46A/1509/CD, IEC 61196-10-1 ED2: Coaxial communication cables - Part 10-1: Blank detail specification for semi-rigid cables with polytetrafluoroethylene (PTFE) dielectric, 10/15/2021

46A/1510/CD, IEC 61196-1-119 ED3: Coaxial communication cables - Part 1-119: Electrical test methods - RF power for coaxial cables and cable assemblies, 10/15/2021

46C/1191/CDV, IEC 62783-1-1 ED1: Twinax cables for digital communications - Part 1-1: Time domain test methods for Twinax cables for digital communications, General Requirements, 10/15/2021

47/2713/NP, PNW 47-2713 ED1: Semiconductor devices - Isolation technologies for semiconductor devices - Part 1: General requirement for supplementary, basic and reinforced solid insulation within semiconductor devices, 10/15/2021

48B/2907/FDIS, IEC 63171-6 ED2: Connectors for electrical and electronic equipment - Part 6: Detail specification for 2-way and 4-way (data/power), shielded, free and fixed connectors for power and data transmission with frequencies up to 600 MHz, 09/03/2021

49/1374(F)/FDIS, IEC 60444-6 ED3: Measurement of quartz crystal unit parameters - Part 6: Measurement of drive level dependence (DLD), 08/06/2021

62D/1893/CD, ISO 80601-2-72 ED2: Medical electrical equipment - Part 2-72: Particular requirements for basic safety and essential performance of home healthcare environment ventilators for ventilator-dependent patients, 10/15/2021

62D/1895/AC, JWG 7: Non-Invasive sphygmomanometers - Clinical validation of automated measurement type - Call for convenors, 09/03/2021

62D/1896/AC, MT 23: Infusion pump - Call for convenors, 09/03/2021

65/867/CD, IEC 63278-1 ED1: Asset Administration Shell for industrial applications - Part 1: Asset Administration Shell structure, 09/17/2021

65C/1115/CD, IEC 61784-5-19 ED2: Industrial communication networks - Profiles - Part 5-19: Installation of fieldbuses - Installation profiles for CPF 19, 10/15/2021

86B/4476/CDV, IEC 62077 ED4: Fibre optic interconnecting devices and passive components - Fibre optic circulators - Generic specification, 10/15/2021

86B/4477/CDV, IEC 61753-089-02 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 089-02: Non-connectorised single-mode bidirectional OTDR monitoring WWDM for categorie C - Indoor controlled environment, 10/15/2021

86B/4500/FDIS, IEC 61753-131-03 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 131-03: Single-mode mechanical fibre splice for category OP - Outdoor protected environment, 09/03/2021

86B/4502/CD, IEC 61300-2-34 ED3: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-34: Tests - Resistance to solvents and contaminating fluids, 10/15/2021

89/1542/CD, IEC TS 60695-2-21 ED1: Fire hazard testing - Part 2-21: Glowing/hot-wire based test methods - Fire containment test on finished units, 09/17/2021

90/481/NP, PNW 90-481 ED1: Twist pitch measurement of practical superconducting wires - Twist pitch measurement method of NbTi and Nb3Sn composite superconductors, 10/15/2021

91/1747/CD, IEC 61189-2-809 ED1: Test methods for electrical materials, printed board and other interconnection structures and assemblies - Part 2-809: X/Y Coefficient of Thermal Expansion Test (CTE) for Thick Base Materials by TMA, 10/15/2021

91/1749/CD, IEC 61249-2-51 ED1: Materials for printed boards and other interconnecting structures - Part 2-51: Reinforced base materials, clad and unclad - Base materials for Integrated Circuit card carrier tape, unclad, 10/15/2021

106/550(F)/CDV, IEC 62232 ED3: Determination of RF field strength, power density and SAR in the vicinity of radiocommunication base stations for the purpose of evaluating human exposure, 09/24/2021

112/540/NP, PNW 112-540 ED1: Dielectric and resistive properties of solid insulating materials - Part 2-3: Determination of relative permittivity and dielectric dissipation factor (AC methods) - Contact electrode method for insulating films, 09/17/2021

119/364/CD, IEC 62899-203 ED2: Printed electronics - Part 203: Materials - Semiconductor ink, 10/15/2021

119/365/NP, PNW 119-365 ED1: IEC62899-202-11 ED1: Space charge limited mobility measurement in organic diodes, 10/15/2021

CIS/H/435/CD, CISPR TR 31 ED3: Database on the characteristics of radio services, 10/15/2021

SyCSmartEnergy/169/DTS, IEC SRD 62913-1 ED2: Generic smart grid requirements - Part 1: Specific application of the Use Case methodology for defining generic smart grid requirements according to the IEC systems approach, 10/15/2021





# Newly Published ISO & IEC Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization – and IEC – the International Electrotechnical Commission. Most are available at the ANSI Electronic Standards Store (ESS) at [www.ansi.org](http://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 4134:2021](#), Meat and meat products - Determination of L-(+)-glutamic acid content - Reference method, \$111.00

### Aircraft and space vehicles (TC 20)

[ISO 23886:2021](#), Aerospace - Collar, threaded, self-locking - Test method for torque and preload, \$48.00

[ISO 23887:2021](#), Aerospace - Blind fasteners, threaded type, self-locking - Test method for locking torque, \$48.00

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

[ISO 20166-4:2021](#), Molecular in vitro diagnostic examinations - Specifications for preexamination processes for formalin-fixed and paraffin-embedded (FFPE) tissue - Part 4: In situ detection techniques, \$149.00

### Petroleum products and lubricants (TC 28)

[ISO 22854:2021](#), Liquid petroleum products - Determination of hydrocarbon types and oxygenates in automotive-motor gasoline and in ethanol (E85) automotive fuel - Multidimensional gas chromatography method, \$149.00

[ISO 11007-1:2021](#), Petroleum products and lubricants - Determination of rust-prevention characteristics of lubricating greases - Part 1: Dynamic wet conditions, \$73.00

[ISO 12925-3:2021](#), Lubricants, industrial oils and related products (Class L) - Family C (gears) - Part 3: Specifications for greases for enclosed and open gear systems, \$73.00

### Plastics (TC 61)

[ISO 23517:2021](#), Plastics - Soil biodegradable materials for mulch films for use in agriculture and horticulture - Requirements and test methods regarding biodegradation, ecotoxicity and control of constituents - Requirements and test methods regarding biodegradation, ecotoxicity and control of constituents, \$149.00

### Road vehicles (TC 22)

[ISO 22733-1:2021](#), Road vehicles - Test method to evaluate the performance of autonomous emergency braking systems - Part 1: Car-to-car, \$111.00

### Steel (TC 17)

[ISO 14737:2021](#), Carbon and low alloy cast steels for general applications, \$73.00

### Sterilization of health care products (TC 198)

[ISO 11138-8:2021](#), Sterilization of health care products - Biological indicators - Part 8: Method for validation of a reduced incubation time for a biological indicator, \$73.00

### Textiles (TC 38)

[ISO 24281:2021](#), Textiles - Biaxial tensile properties of woven fabric - Determination of maximum force and elongation at maximum force using the grab method, \$73.00

## ISO Technical Specifications

### Aircraft and space vehicles (TC 20)

[ISO/TS 22591:2021](#), Space systems - Space-based services for a high accuracy positioning system with safety requirements, \$149.00

### Petroleum products and lubricants (TC 28)

[ISO/TS 11007-2:2021](#), Petroleum products and lubricants - Determination of rust-prevention characteristics of lubricating greases - Part 2: Method with water wash-out, \$73.00

### Soil quality (TC 190)

[ISO/TS 29843-2:2021](#), Soil quality - Determination of soil microbial diversity - Part 2: Method by phospholipid fatty acid analysis (PLFA) using the simple PLFA extraction method, \$73.00

## IEC Standards

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

[IEC 62153-4-7 Ed. 3.0 b:2021](#), Metallic cables and other passive components test methods - Part 4-7: Electromagnetic compatibility (EMC) - Test method for measuring of transfer impedance Z<sub>T</sub> and screening attenuation a<sub>S</sub> or coupling attenuation a<sub>C</sub> of connectors and assemblies - Triaxial tube-in-tube method, \$354.00

[S+ IEC 62153-4-7 Ed. 3.0 en:2021 \(Redline version\)](#), Metallic cables and other passive components test methods - Part 4-7: Electromagnetic compatibility (EMC) - Test method for measuring of transfer impedance Z<sub>T</sub> and screening attenuation a<sub>S</sub> or coupling attenuation a<sub>C</sub> of connectors and assemblies - Triaxial tube-in-tube method, \$460.00

### Electrical accessories (TC 23)

[IEC 62423 Ed. 2.0 b cor.2:2021](#), Corrigendum 2 - Type F and type B residual current operated circuit-breakers with and without integral overcurrent protection for household and similar uses, \$0.00

### Surface mounting technology (TC 91)

[IEC 62530 Ed. 3.0 en:2021](#), System Verilog - Unified Hardware Design, Specification, and Verification Language, \$443.00

[IEC 61691-8 Ed. 1.0 en:2021](#), Behavioural languages - Part 8: Standard System C Analog/Mixed-Signal Extensions Language - Reference Manual, \$443.00

[IEC 62530-2 Ed. 1.0 en:2021](#), System Verilog - Part 2: Universal Verification Methodology Language - Reference Manual, \$443.00

### Switchgear and controlgear (TC 17)

[IEC 62271-200 Ed. 3.0 b:2021](#), High-voltage switchgear and controlgear - Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV, \$417.00

## IEC Technical Specifications

### Marine energy - Wave, tidal and other water current converters (TC 114)

[IEC/TS 62600-10 Ed. 2.0 en:2021](#), Marine energy - Wave, tidal and other water current converters - Part 10: Assessment of mooring system for marine energy converters (MECs), \$392.00

# International Electrotechnical Commission (IEC)

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## USNC Participants and USNC TAG Administrator Needed

### IEC Subcommittee (SC) 59N: Electrical Air Cleaners for Household and Similar Purposes

Response Deadline: August 6, 2021

**IEC approved one (1) new Committee:** *IEC Subcommittee (SC) 59N: Electrical air cleaners for household and similar purposes*

Individuals who are interested in becoming a USNC Technical Advisory Group (TAG) participant or the USNC TAG Administrator for the USNC TAG to IEC/SC 59N: Electrical air cleaners for household and similar purposes are invited to contact Ade Gladstein at [agladstein@ansi.org](mailto:agladstein@ansi.org) by **COB on Friday, August 6**.

Please see the scope for IEC/SC 59N below:

#### Scope

- *To prepare international standards on performance measurement methods for electrical air cleaners for household and similar purposes.*
- *NOTE 1: Cooking fume extractors are covered by SC 59K.*
- *NOTE 2: Health care equipment is under the scope of IEC TC 62 (Electrical equipment in medical practice).*

# International Organization for Standardization (ISO)

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## International (ISO) Secretariat Transfer

### ISO TC 104 - Freight Containers

**Reply Deadline: August 6, 2021**

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 104–*Freight Containers*. ANSI directly administers the Secretariat for ISO/TC 104 with the support of MHI. MHI has advised ANSI to relinquish its role as Secretariat for this committee beginning in 2022. Outreach was conducted within the current US/TAG membership and Emerson, a US/TAG member, has indicated its commitment to continue to fund ANSI for its role in directly administering the Secretariat. The US/TAG has approved this transfer from MHI to Emerson.

ISO/TC 104 operates under the following scope:

*Standardization of freight containers, having an external volume of one cubic meter (35.3 cubic feet) and greater, as regards terminology, classification, dimensions, specifications, handling, test methods and marking.*

Organizations wishing to comment on the delegation of the responsibilities should contact ANSI's ISO Team ([isot@ansi.org](mailto:isot@ansi.org)).

## Transfer of TAG Administrator – U.S. TAG to ISO

### ISO/TC 104 - Freight Containers, ISO/TC 104/SC 1 - General Purpose Containers, ISO/TC 104/SC 4 - Identification and Communication

**Reply Deadline: August 6, 2021**

ANSI has been informed that MHI, the ANSI-accredited U.S. TAG Administrator for ISO/TC 104, ISO/TC 104/SC 1, ISO/TC 104/SC 2, and ISO/TC 104/SC4, wishes to relinquish their role as U.S. TAG Administrator effective December 31, 2021. Emerson, current US/TAG member, has committed to taking on the role as US/TAG Administrator beginning on January 1, 2022. The US/TAG has approved this transfer.

ISO/TC 104 and its SCs operate under the following scope:

*Standardization of freight containers, having an external volume of one cubic meter (35.3 cubic feet) and greater, as regards terminology, classification, dimensions, specifications, handling, test methods and marking.*

Organizations wishing to comment on the transfer of US/TAG Administrators from MHI to Emerson should contact ANSI's ISO Team ([isot@ansi.org](mailto:isot@ansi.org)).

# Registration of Organization Names in the United States

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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

### FiRa

**Public Review: June 25 through September 27, 2021**

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

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## Call for Comment

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

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

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

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

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NSF/ANSI Standard  
for Plastics —

## Plastics piping system components and related materials

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### 9 Quality Assurance

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**Table 9.21**  
**PP pipe and fittings test frequency**

Test	Frequency		
Dimensions			
pipe OD	2 h	2 h	2 h
pipe wall thickness	2 h	2 h	2 h
socket bottom average diameter and out-of-roundness	24 h	24 h	24 h
socket entrance average diameter and out-of-roundness	24 h	24 h	24 h
socket depth <sup>1,3</sup>	24 h	24 h	24 h
thread gauge	24 h	24 h	24 h
thread length <sup>3</sup>	24 h	24 h	24 h
wall thickness	weekly	weekly	weekly
heat reversion	24 h	24 h	24 h
impact resistance	24 h	24 h <del>—</del>	24 h <del>—</del>
sustained pressure	annually	annually	annually
melt flow rate	annually	annually	—
thermocycling	—	annually	—
thermal stability	—	qualification	—
apparent tensile strength	—	—	annually
product standard(s)	DIN 8077, DIN 8078	ASTM F2389	CSA B137.11
<sup>1</sup> 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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<sup>2</sup> Ring gauges are permitted, provided that the mold has been qualified by complete dimensioning and performance of appropriate testing on all products from all cavities to verify.

<sup>3</sup> 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.

NOTE — For products that comply with both DIN and ASTM Standards, test method from either Standard may be used by the manufacturer.



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NSF/ANSI Standard  
for Drinking Water Treatment Units –

# Drinking Water Treatment Units – Aesthetic Effects

## 7 Elective performance claims – Test methods

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### 7.3 Chemical reduction testing

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#### 7.3.2 Chloramine reduction testing

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##### 7.3.2.8 Sampling

Collection of the influent challenge and product water samples shall begin during the on portion of the cycle after one unit volume has passed through the test unit. Sampling shall occur after the passage of 10 unit volumes of the influent challenge and at 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, and 100% of the estimated system capacity. The volume of water collected for each sample shall not exceed 1 L (0.26 gal) or four times the amount required for analysis, whichever is larger. If the on-cycle ends before the necessary sample volume has been collected, the remaining sample volume shall be collected in the same manner during the next on-cycle.

When a product’s estimated system capacity divided by the manufacturer’s rated service flow rate is equal or greater than 600, the sample points at 20%, 40%, 60%, 80%, and 100% of estimated system capacity shall be taken after a minimum of 4 h of test operation with no pause in operation greater than 10 min. The sample point that establishes the system capacity shall be taken after a minimum of 4 h of test operation with no pause in operation greater than 10 min.

Influent challenge water shall be sampled and analyzed for conformance with the pH requirements under Section 7.3.2.6.1 and chloramine reduction requirements under Table 7.2, a minimum of once for each batch of challenge water or every 3,785 L (1,000 gal).

#### 7.3.3 Chlorine reduction testing

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*Rationale: Revised per 2021 DWTU JC meeting discussion (May 12, 2021). Chloramine performance by carbon-based systems is very sensitive to the duration of operation prior to collection of samples. To minimize the variation in test results for chloramine, it is necessary to tightly control the amount of operational time prior to collecting samples. This proposal requires representative sample points throughout the test and the final sample point to have 4 hours of operational time before collecting the sample. The calculation used to implement these requirements ensures that the 20% sample point is at least 4 hours into the test  $(20\% * Capacity) = ((240 \text{ minutes} * 50\% \text{ on}) * \text{Flow rate})$  which reduces to  $Capacity / \text{Flow rate} = ((240 \text{ minutes} * .5) / .20) = 600$ .*

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## NSF/ANSI Standard for Drinking Water Treatment Units –

# Drinking Water Treatment Units – Aesthetic Effects

### 4.2.3 Exposure

**4.2.3.1** The system or component(s) of a system shall be installed, flushed, and conditioned in accordance with the manufacturer's instructions using the exposure water specified in Section 4.2.2 at an initial inlet static pressure of 340 kPa (50 psig). Nonpressurized systems, e.g., pour through products, shall be exposed at atmospheric pressure.

**4.2.3.1.1** For powdered activated carbon and polymer binders finer than 100 mesh, testing shall be conducted in flasks with a ratio of 200 g media to 1 L of exposure water specified in Section 4.2.2. For other media additives finer than 100 mesh, testing shall be conducted in flasks at the dose specified by manufacturer's instructions to 1 L of exposure water specified in Section 4.2.2. Testing shall be completed at ambient atmospheric pressure and at a temperature of  $23 \pm 2$  °C ( $73 \pm 3$  °F). Sufficient flasks shall be utilized to collect a minimum of 600 mL of water at each pour off, or the necessary volume for analysis, whichever is greater. Initially, the media and exposure water ~~The flasks~~ shall be shaken vigorously for 1 min, soaked, conditioned, or both in accordance with the manufacturer's instructions, and filtered using a suitably large fritted glass filter. The appropriate volume of water shall be added back to the media to allow exposure ~~and allowed to settle~~ for 24 h. After 24 h of exposure, the sample filtrate ~~water~~ shall be collected and retained. The filter funnel ~~flask~~ shall be refilled with the same volume of exposure water that was extracted, the media shall be stirred or agitated for 1 min, soaked, conditioned, or both in accordance with the manufacturer's instructions, and filtered. The appropriate volume of water shall be added back to the media to allow for exposure ~~The flasks will be shaken vigorously for one minute and allowed to settle~~ for 24 h. A second filtrate ~~water~~ sample shall be collected and the filter funnel ~~flasks~~ refilled. The media ~~flasks~~ shall be ~~shaken vigorously~~ stirred or agitated for 1 min, soaked, conditioned, or both in accordance with the manufacturer's instructions, and filtered. The appropriate volume of water shall be added back to the media to allow for exposure ~~and allowed to settle~~ for 24 h. A third filtrate ~~water~~ sample shall be collected. All three filtrate samples collected shall be composited and analyzed in accordance with Section 4.2.1. One control apparatus ~~flask with 2 L of exposure water~~ shall be processed in the same manner as above.

NOTE 1 — This section is only applicable if the manufacturer is unable to provide a coarser media sample (50x100 preferred) to test utilizing Sections 4.2.3.1 and 4.2.3.2.

NOTE 2 — A stopper or cap on the filter stem may be necessary to prevent dripping during exposure.

**4.2.3.2** The system or component(s) shall be refilled with the exposure water specified in Section 4.2.2 and maintained for 24 h at a temperature of  $23 \pm 2$  °C ( $73 \pm 3$  °F). A 2-L water sample shall then be collected in accordance with Section 4.2.3.3. The system or component(s) shall be flushed according to the

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manufacturer's instructions, refilled, and maintained for another 24 h at a temperature of  $23 \pm 2$  °C ( $73 \pm 3$ °F). A second 2-L water sample shall be collected in accordance with Section 4.2.3.3. The system or component(s) shall again be flushed according to the manufacturer's instructions, refilled, and maintained for a third period of 24 h at a temperature of  $23 \pm 2$  °C ( $73 \pm 3$  °F). A third 2-L water sample shall be collected in accordance with Section 4.2.3.3.

***Rationale: Revised language to be consistent with the 2017 ballot under Issue 93 to address fine media extraction testing.***

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NSF/ANSI Standard  
for GMP for Dietary Supplements –

## Good Manufacturing Practices for Dietary Supplements

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### 4 Audit requirements

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#### 4.3 Planning

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4.3.1 ~~A hazard analysis shall be conducted to identify and evaluate known or reasonably foreseeable hazards for each type of dietary supplement to determine whether there are hazards requiring specifications~~ Specifications and process controls must be established for each point, step or stage where control is required to ensure the quality of the dietary supplement during production. Hazard analysis can be used to establish the required controls. [21CFR111.70 & 21CFR117.130]

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**BSR/UL 60335-2-68, Standard for Household and Similar Electrical Appliances – Safety – Part 2-68: Particular Requirements for Spray Extraction Machines, for Commercial Use**

**1. Type SJ Cord for Commercial Spray Extraction Machines**

**PROPOSAL**

**25.7DV.2 ~~For rug shampoers,~~ For machines rated no more than 300 V, the cord shall be Type SJ, SJO, SJT, or SJTO; for all other products, the cord shall be Type S, SO, ST, or STO; or the cord shall be of a type at least equally as serviceable for the intended use.**

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