

CONTENTS

American National Standards

Project Initiation Notification System (PINS)	2
Call for Comment on Standards Proposals	18
Final Actions - (Approved ANS)	28
Call for Members (ANS Consensus Bodies)	31
Call for Comment of ANS Limited Substantive Changes	35
American National Standards (ANS) Process	36
Accreditation Announcements (Standards Developers)	37
ANS Under Continuous Maintenance	39
ANSI-Accredited Standards Developer Contacts	40

International Standards

ISO and IEC Draft Standards	43
ISO and IEC Newly Published Standards	47
International Organization for Standardization (ISO)	49
Meeting Notices (International)	50

Information Concerning

Calls for Participation/Experts	51
Registration of Organization Names in the United States	52
Proposed Foreign Government Regulations	53

Project Initiation Notification System (PINS)

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

AAFS (American Academy of Forensic Sciences)

Teresa Ambrosius <tambrosius@aafs.org> | 410 North 21st Street | Colorado Springs, CO 80904 www.aafs.org

New Standard

BSR/ASB Std 188-202x, Standard for Processing Evidence for the Detection of Friction Ridge Impressions (new standard)

Stakeholders: Forensic examiners, attorneys, judges, defendants, victims.

Project Need: No standards exist that specify what types of detection methods should be used on different evidence types.

Interest Categories: Academics and Researchers, General Interest, Jurisprudence and Criminal Justice, Organizations, User - Government.

Scope: This document provides requirements for the processing of evidence in the detection of friction ridge impressions. The standard specifies the broad class of processing techniques and sequences to be applied when processing such evidence. This document does not address the photography or digital enhancement of friction ridge impressions or the validation of the various processing techniques, necessary equipment, or storage requirements.

AAMI (Association for the Advancement of Medical Instrumentation)

Amanda Benedict <abenedict@aami.org> | 901 N. Glebe Road, Suite 300 | Arlington, VA 22203 www.aami.org

National Adoption

BSR/AAMI/ISO 13408-1-202x, Aseptic processing of health care products – Part 1: General requirements (identical national adoption of ISO 13408-1 Edition 3 (when published) and revision of ANSI/AAMI/ISO 13408-1-2008 (R2011))

Stakeholders: Health care product manufacturers, testing laboratories, regulatory.

Project Need: The ISO standard is being revised, therefore the national adoption will need to be revised.

Interest Categories: Industry, users, regulatory/government, general interest.

Scope: Specifies the general requirements for, and offers guidance on, processes, programs and procedures for development, validation and routine control of aseptic processing of health care products. Includes requirements and guidance relative to the overall topic of aseptic processing.

ABMA (ASC B3) (American Bearing Manufacturers Association)

Amir Aboutaleb <aboutaleb@agma.org> | 1001 N. Fairfax Street, Suite 500 | Alexandria, VA 22314 www.americanbearings.org

Revision

BSR/ABMA 8.2-202x, Ball and Roller Bearing Mounting Accessories Inch Design (revision of ANSI/ABMA 8.2-1999 (S2020))

Stakeholders: Users and manufacturers, users of ball and roller bearings.

Project Need: Update standard to reflect current state-of-the art.

Interest Categories: Manufacturers and users of ball & roller bearings and related auxiliary components.

Scope: Mounting accessories covered in this standard are commonly used for the location or fixing of ball and roller bearings to the shaft of a machine or mechanism. The purpose of the standard is to establish dimensions and minimum physical properties of these components consistent and compatible with ABMA and ANSI Standards relating to ball and roller bearings.

ACP (American Clean Power Association)

Duane Brown <dbrown@cleanpower.org> | 1501 M Street NW, Suite 1000 | Washington, DC 22205 www.cleanpower.org

New Standard

BSR/ACP RP 1002-202x, Offshore Wind Safety Recommended Practices (new standard)

Stakeholders: Wind energy stakeholders, operators, owners, developers, OEMs, contractors, subcontractors, independent service providers, and all other impacted stakeholders.

Project Need: This Offshore Wind Safety Recommended Practices document represents the current state of the U.S. offshore wind industry's knowledge on the safety risks along with available prevention, mitigation, and response measures during in-water activities associated with the construction, start-up, operation, and decommissioning of offshore wind facilities in the Outer Continental Shelf (OCS). The document is informed by the experience of industry and regulators in other countries around the world where offshore wind has been more widely deployed, the experience of other offshore industries here in the U.S., and the experience building and operating land-based wind facilities in the U.S. The document was written with the U.S. offshore wind industry in mind to support the development of internal company safety policies and procedures as well as to inform the development of company and/or project safety management systems (SMSs) when filing construction and operations plans (COPs) with federal regulators. This document is not, and is not intended to be, a template SMS. There are other documents that already provide guidance on developing an effective SMS. Rather, this document is intended to facilitate the sharing of knowledge specific to offshore wind to assist companies in the development of their own internal policies and procedures, and in support of the development of the full SMSs they will file with federal regulators.

Interest Categories: Consultants General Interest Owners/Operators/Developers Producers Technical.

Scope: This offshore wind safety recommended practices will cover key health and safety risks associated with the construction, start-up, operation and decommissioning of offshore wind facilities in the U.S., summarize potential approaches to prevent and mitigate those risks, and provide a list of additional statutory, regulatory, and industry standards, guidelines, and best practice documents to inform development of policies, procedures, and safety management systems.

AMCA (Air Movement and Control Association)

Abigail Ahing <aahing@amca.org> | 30 West University Drive | Arlington Heights, IL 60004-1893 www.amca.org

Revision

BSR/AMCA 207-202x, Fan System Efficiency and Fan System Input Power (revision of ANSI/AMCA 207-2017)

Stakeholders: Manufacturers, including motor and fan manufacturers, Environmental advocates, Government regulators, Users of commercial and industrial fans and blowers, Testing labs, Electric utilities, HVAC professionals and associations within the HVAC industry (trade associations and professional societies), Building industry consultants and engineers, Building owners, Fan equipment specifiers, Fan engineers, Product consumers, Purchasers.

Project Need: This project is needed to complete the review of the Standard in accordance with our procedures. We must review a project every 5 years.

Interest Categories: Government Agency; Compliance; Testing Laboratory; Technical Manager; User/ Purchaser; Academic Expert; Other Expert; General Interest.

Scope: This standard offers a standardized method to estimate the input power and overall efficiency of an extended fan system, and to estimate fan system performance by modeling commonly used components. Calculations reported in accordance with this standard offers fan users a tool to compare alternative fan system configurations in a consistent and uniform manner. It includes all electric motor driven fan systems that use a specific combination of components as follows: fan airflow performance, polyphase induction motors, pulse-width modulated variable frequency drives (VFDs), and mechanical power transmissions that use V-belts, synchronous belts, or flexible couplings.

ASME (American Society of Mechanical Engineers)

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

New Standard

BSR/ASME OM-2-202x, Inservice Testing Requirements for Pumps, Valves, and Dynamic Restraints at Nuclear Facilities (new standard)

Stakeholders: Regulators (example: NRC), Owners Groups, Consultants, Manufacturers, Auditors, Utilities, Designers.

Project Need: To develop an Operation and Maintenance Code that covers any type of Plant (Example: SMR and Gen IV Plants) by considering the function of its components rather than the system.

Interest Categories: General Interest (AF), Laboratories (AI), Owners (AO), Designers (AB), Manufacturers (AK), Regulators (AT), Consultants (AU).

Scope: This code provides requirements for inservice testing (IST) program activities to assess the operational readiness of certain components to perform their specified functions at nuclear facilities. IST program activities include baseline testing, IST testing, examination, and monitoring, and must be adequate to assess the operational readiness of the components to perform their specified functions.

BICSI (Building Industry Consulting Service International)

Jeff Silveira <jsilveira@bicsi.org> | 8610 Hidden River Parkway | Tampa, FL 33637 www.bicsi.org

Revision

BSR/BICSI 001-202x, Information and Communication Technology Systems Design and Implementation Best Practices for Educational Institutions and Facilities (revision of ANSI/BICSI 001-2017 (R2022))

Stakeholders: Includes, but not limited to: Telecom, telecommunications, IT, and ICT designers, consultants, project managers and implemented; telecommunications and ICT technology installers, primary, secondary, post-secondary and other types of educational facility, IT and operations management and applicable staff.

Project Need: A number of items were identified within the direction of educational facilities that require additional guidance and standardization within the ICT infrastructure of these facilities. All content will be reviewed and modified as needed, with new material being created to address developments within the ICT industry.

Interest Categories: Producer, Designer, End User.

Scope: This standard provides requirements, recommendations, and best practices for the design and implementation of ICT systems and their infrastructure for educational institutions and facilities. Educational facilities include, but are not limited to, public and private educational institutions and facilities serving primary, secondary, and post-secondary levels of education, as well as preschool facilities, vocational training institutions, and specialty training facilities (e.g., teaching hospitals, broadcasting schools).

BICSI (Building Industry Consulting Service International)

Jeff Silveira <jsilveira@bicsi.org> | 8610 Hidden River Parkway | Tampa, FL 33637 www.bicsi.org

Revision

BSR/BICSI 002-202x, Data Center Design and Implementation Best Practices (revision of ANSI/BICSI 002-2019)

Stakeholders: Telecom, data center owners and operators, telecommunications and ICT design professionals.

Professionals in trades involved with the design, construction, refurbishment, or commissioning of data centers or mission-critical facilities utilizing data center design concepts.

Project Need: As data center design continues to evolve due to change and innovation, standards supporting data center design need to keep current. This revision addresses all facets of the current standard.

Interest Categories: Producer, Designer, End User.

Scope: This standard provides best practices and implementation methods that complement TIA, CENELEC, ISO/IEC and other published data center standards and documents. It is primarily a design standard, with installation requirements and guidelines related to implementing a design. The standard includes other installation requirements and guidelines for data centers where appropriate.

BICSI (Building Industry Consulting Service International)

Jeff Silveira <jsilveira@bicsi.org> | 8610 Hidden River Parkway | Tampa, FL 33637 www.bicsi.org

Revision

BSR/BICSI 004-202x, Information Communication Technology Systems Design and Implementation Best Practices for Healthcare Institutions and Facilities (revision of ANSI/BICSI 004-2018)

Stakeholders: ICT system designers, implementers and integrators, IT professionals, healthcare engineers, professionals within the healthcare vertical involved with ICT system design, procurement, management, or operation.

Project Need: Updates to keep standard current with industry and system requirements and trends.

Interest Categories: Producer, Designer, End User.

Scope: This Standard specifies design and installation requirements for telecommunications information technology systems within a healthcare building and between healthcare buildings in a campus environment. It defines terms, recommends cabling types and topology while also providing additional useful systems information and guidance on coordination between design and construction disciplines.

BICSI (Building Industry Consulting Service International)

Jeff Silveira <jsilveira@bicsi.org> | 8610 Hidden River Parkway | Tampa, FL 33637 www.bicsi.org

Revision

BSR/BICSI 007-202x, Information Communication Technology Design and Implementation Practices for Intelligent Buildings and Premises (revision of ANSI/BICSI 007-2020)

Stakeholders: Designers and installers of IP/Network-enabled building and facility systems and supporting infrastructure. Manufacturers and integrators of applicable systems. Building and facility managers and related end-user position with responsibility for the operations and maintenance of such systems.

Project Need: Periodic revision to incorporate recent changes and advances in technology, systems, and applications.

Interest Categories: Producer, Designer, End User.

Scope: This standard covers the design and implementation of the information communication technology systems required to support an intelligent building/premise integrated design. Systems covered, include, but are not limited to: building automation/management, utility utilization, lighting, signage and wayfinding, sound and acoustical services, vertical transportation, location and asset tracking.

BICSI (Building Industry Consulting Service International)

Jeff Silveira <jsilveira@bicsi.org> | 8610 Hidden River Parkway | Tampa, FL 33637 www.bicsi.org

Revision

BSR/BICSI 008-202x, Wireless Local Area Network (WLAN) Systems Design and Implementation Best Practices (revision of ANSI/BICSI 008-2018)

Stakeholders: ICT designers, providers, installers; wireless system manufacturers, all industries utilizing 802.11 style wireless communication protocols.

Project Need: Updates to keep standard current with industry and system requirements and trends.

Interest Categories: Producer, Designer, End User.

Scope: The standards includes material for the design and implantation of an in-building or campus wireless network (WLAN), including, but not limited to:

- Required infrastructure;
- Distribution Technology Types;
- Location Technologies;
- Compliance and Legal Issues;
- Design Coordination;
- Wireless Design;
- Telecommunication Infrastructure;
- Installation & Commissioning; and
- Specific Locations and Situations.

BICSI (Building Industry Consulting Service International)

Jeff Silveira <jsilveira@bicsi.org> | 8610 Hidden River Parkway | Tampa, FL 33637 www.bicsi.org

Revision

BSR/BICSI N1-202x, Installation Practices for Telecommunications and ICT Cabling and Related Cabling Infrastructure (revision of ANSI/BICSI N1-2019)

Stakeholders: Telecom, ICT and converged system infrastructure designers and installers, manufacturers of building and communication systems, products and requisite infrastructure that utilizing network communications, system integrators, professionals and inspectors for building systems that utilize network connectivity.

Project Need: This is a periodic revision to update requirements and recommendations related to AHJ, technology and industry changes.

Interest Categories: Producer, Designer, Installer, End User.

Scope: This standard describes minimum requirements and procedures for installing the cabling and cabling infrastructure for telecommunications and ICT systems. Additionally, this standard will provide recommendations which may optimize performance or longevity of the cabling and cabling infrastructure and serve as a reference for “neat and workmanlike manner” installation practices.

HSI (Healthcare Standards Institute)

Lee Webster <webster@ingenesis.com> | 3004 Sea Pines Place | League City, TX 77573 www.hsi.health/

New Standard

BSR/HSI 2200-202x, General Requirements for Telehealth Management (new standard)

Stakeholders: Veterans Administration, State Departments of Health, HHS, Public and Global Health Researchers, Universities and Institutions Non-governmental agencies that provide health systems funding and resources (Bill and Melinda Gates Foundation, The Global Fund, The Clinton Foundation, GAVI the Vaccine Alliance, etc.) Intergovernmental agencies: The World Bank, World Trade Organization, OECD, World Health Organization, Texas Medical Association Health system employees (healthcare providers and all laborers within the system) Consumers/Patients International societies [(International Society for Telemedicine and e-Health (ISfTeH), International Society for Quality in Health Care (ISQua), International Accreditation Forum (IAF)]

Project Need: Purpose and Justification: “Human health has only ever improved because of advances in technology. From the development of modern sanitation to the advent of penicillin, anaesthesia, vaccines and magnetic resonance imaging, science, research and technology have always been key drivers of better health. It’s no different today. Advances in technology are continuing to push back the boundaries of disease. Digital technologies enable us to test for diabetes, HIV, and malaria on the spot, instead of sending samples off to a laboratory. 3-D printing is revolutionizing the manufacture of medical devices, orthotics and prosthetics. Telemedicine, remote care and mobile health are helping us transform health by delivering care in people’s homes and strengthening care in health facilities. Harnessing the power of digital technologies is essential for achieving the Sustainable Development Goals, including universal health coverage and the other “triple billion” targets in WHO’s 13th General Programme of Work. Such technologies are no longer a luxury; they are a necessity.” (Dr Tedros Adhanom Ghebreyesus, Director-General, World Health Organization; WHO Guideline: Recommendations on Digital Interventions for Health Systems Strengthening, 2019) . In 2005, the World Health Assembly through its resolution WHA58.28 on eHealth urged Member States “to consider drawing up a long-term strategic plan for developing and implementing eHealth services...to develop the infrastructure for informat ...

Interest Categories: Producer User: General Interest Government Legal or Consultant Academia Association Patient or Patient Advocacy Non-Governmental Observer (NGO).

Scope: This standard specifies a series of quality measures used to establish high-quality telehealth systems at a national level when an organization: (a) needs to demonstrate its ability to consistently provide services that meet customer/patient, stakeholder, and applicable statutory and regulatory requirements; (b) aims to enhance customer/patient satisfaction through the effective application of the telehealth system, including processes for improvement of the system and the assurance of conformity to customer/patient, and applicable statutory and regulatory requirements; and (c) demonstrate its commitment to a telehealth system that is for the people, equitable, resilient, safe, and efficient. The requirements of this standard are intended to be applicable to any telehealth system, regardless of its organizational structure or size.

IEEE (Institute of Electrical and Electronics Engineers)

Lisa Weisser <l.weisser@ieee.org> | 445 Hoes Lane | Piscataway, NJ 08854-4141 www.ieee.org

New Standard

BSR/IEEE 2933-202x, Standard for Clinical Internet of Things (IoT) Data and Device Interoperability with TIPPSS - Trust, Identity, Privacy, Protection, Safety, Security (new standard)

Stakeholders: Medical device manufacturers, hardware, software and service developers and users for connected healthcare, payers, providers, patients, patient advocates, regulatory.

Project Need: There needs to be a set of guidelines and standards to standardize the use of clinical IoT devices for precision medicine, data sharing, interoperability, and security with a goal of improved and measurable healthcare outcomes.

Interest Categories: A subset of the interest categories on this list is expected to comprise the consensus body: <https://ieee.box.com/v/Interest-Categories>

Scope: This standard establishes the framework with TIPPSS principles (Trust, Identity, Privacy, Protection, Safety, Security) for Clinical Internet of Things (IoT) data and device validation and interoperability. This includes wearable clinical IoT and interoperability with healthcare systems including Electronic Health Records (EHR), Electronic Medical Records (EMR), other clinical IoT devices, in hospital devices, and future devices and connected healthcare systems.

NAAMM (National Association of Architectural Metal Manufacturers)

Ike Flory <ifnaamm@gmail.com> | 1533 Pine Grove Lane | Chesapeake, VA 23321 www.naamm.org

Reaffirmation

BSR/NAAMM MBG 534-2014 (R202x), Metal Bar Grating Engineering Design Manual (reaffirmation of ANSI/NAAMM MBG 534-2014)

Stakeholders: Engineers, industries, building owners, municipalities.

Project Need: This Metal Bar Grating Engineering Design Manual sets forth procedures used in design calculations for metal bar gratings. In the cases in which the standard tables do not cover a particular design application, the document provides engineering guidance.

Interest Categories: Producers: An individual or entity that manufactures architectural metal products. Users: Both individuals and representatives of organized groups that purchase, use, or specify architectural metal products. General Interest: This category includes, but is not limited to, inspectors, technical societies, regulatory agencies (state and federal), researchers, and educators.

Scope: This manual was developed by representative members of the Metal Bar Grating Division (MBG) of the National Association of Architectural Metal Manufacturers (NAAMM) to provide their opinion and guidance on the procedures used in design calculations for metal bar grating. This standard is approaching the point in time when it requires reaffirmation and/or revision.

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 2-202x, Hydrogen Technologies Code (revision of ANSI/NFPA 2-2023)

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

Project Need: Public Interest and Need.

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

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

Scope: This code shall apply to the production, storage, transfer, and use of hydrogen.

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 56-202x, Standard for Fire and Explosion Prevention During Cleaning and Purging of Flammable Gas Piping Systems (revision of ANSI/NFPA 56-2023)

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

Project Need: Public Interest and Need.

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

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

Scope: This standard shall apply to fire and explosion prevention during cleaning and purging activities for new and existing flammable gas piping found in electric-generating plants, process plants, and industrial, institutional, and commercial applications.

Coverage of fuel gas piping systems shall extend from the point of delivery or source valve to the gas-consuming equipment isolation valve.

For other than undiluted liquefied petroleum gas (LP-Gas) systems, the point of delivery shall be the outlet of the service meter assembly or the outlet of the service regulator or service shutoff valve where no meter is provided.

[54:1.1.1.1(A)]

For undiluted LP-Gas systems, the point of delivery shall be considered to be the outlet of the final pressure regulator, exclusive of line gas regulators where no meter is installed. Where a meter is installed, the point of delivery shall be the outlet of the meter. [54:1.1.1.1(A)]

For facilities that produce flammable gas for consumption on site, the point of delivery or source valve shall be the discharge isolation valve for the gas-producing equipment.

Coverage of flammable gas piping systems other than fuel gas piping systems shall extend from the source valve serving the gas...

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 59A-202x, Standard for the Production, Storage, and Handling of Liquefied Natural Gas (LNG)
(revision of ANSI/NFPA 59A-2023)

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

Project Need: Public Interest and Need.

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

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

Scope: This standard shall apply to the following:

- (1) The siting, design, construction, maintenance, and operation of facilities that produce, store, and handle liquefied natural gas (LNG)
- (2) The training of personnel involved with LNG

1.1.2 This standard shall not apply to the following:

- (1) Frozen ground containers
- (2) Portable storage containers stored or used in buildings
- (3) All LNG vehicular applications, including fueling of LNG vehicles
- (4) Off-site systems that provide utilities to the LNG facility, such as water, telecommunications, and electricity
- (5) On-site power generation, excluding standby or emergency power
- (6) Pipelines that supply and receive natural gas to or from the LNG facility

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 68-202x, Standard on Explosion Protection by Deflagration Venting (revision of ANSI/NFPA 68-2023)

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

Project Need: Public Interest and Need.

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

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

Scope: This standard applies to the design, location, installation, maintenance, and use of devices and systems that vent the combustion gases and pressures resulting from a deflagration within an enclosure so that structural and mechanical damage is minimized.

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 85-202x, Boiler and Combustion Systems Hazards Code (revision of ANSI/NFPA 85-2023)

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

Project Need: Public Interest and Need.

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

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

Scope: This code applies to the following:

(1) Single burner boilers, multiple burner boilers, stokers, and atmospheric fluidized bed boilers with a fuel input rating of 3.7 MWt (12.5 million Btu/hr) or greater

(2) Pulverized fuel systems at any heat input rate

(3) Fired or unfired steam generators used to recover heat from combustion turbines [heat recovery steam generators (HRSGs)] and other combustion turbine exhaust systems at any heat input rate

1.1.1. This code covers design, installation, operation, maintenance, and training.

1.1.2. This code covers strength of the structure, operation and maintenance procedures, combustion and draft control equipment, interlocks, alarms, and other related controls that are essential to safe equipment operation.

1.1.3. This code does not cover process heaters used in chemical and petroleum manufacture in which steam generation is incidental to the operation of a processing system.

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 120-202x, Standard for Fire Prevention and Control in Coal Mines (revision of ANSI/NFPA 120-2023)

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

Project Need: Public Interest and Need.

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

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

Scope: This standard shall cover minimum requirements for reducing loss of life and property from fire and explosion in the following:

(1) Underground bituminous coal mines

(2) Coal preparation plants designed to prepare coal for shipment

(3) Surface building and facilities associated with coal mining and preparation

(4) Surface coal and lignite mines

In the development of this document, the data in NIOSH Information Circular 9470, "Analysis of Mine Fires for All Underground and Surface Coal Mining Categories: 1990–1999," were examined. Table A.1.1.1(a) shows the number of fires for underground coal mines; surface fires at underground coal mines, at surface coal mines, and at coal preparation plants; as well as the number of fire injuries and coal production for the time period from 1990 to 1999. Table A.1.1.1(b) provides the number of coal mines and preparation plant fires, injuries due to fire, and coal production from 2001 to 2016. Analysis of the data shows a general decrease in the number of fires over the 10-year period, particularly from 1996 to 1999, while coal production increased...

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 122-202x, Standard for Fire Prevention and Control in Metal/Nonmetal Mining and Metal Mineral Processing Facilities (revision of ANSI/NFPA 122-2023)

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

Project Need: Public Interest and Need.

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

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

Scope: Because of the uniqueness and often remoteness of metal and nonmetal mines and ore processing facilities, provisions in this standard could differ from commonly accepted fire protection standards and guides devised for other types of occupancies. The provisions of this document are considered necessary to provide a reasonable level of protection from loss of life and property from fire and explosions. They reflect situations and the state of the art at the time the standard was issued. As of 2001, there were 12,479 metal/nonmetal mining and processing operation in the United States. In the most recent 12-year period, approximately 515 fires of all types were reported. Fires and explosions in mines and mineral processing plants have caused major loss of property, production equipment, buildings, and business interruption. In the five-year period from 1994 to 1998, mines and quarries of all types averaged \$12.3 million a year in direct damage in fires reported to US local fire departments. In the same period, nonmetallic mineral processing and product manufacturing facilities averaged \$16.1 million a year in direct damage in fires reported to US local fire departments. (For more information, see Section 9.16 of the 2008 edition of...

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 259-202x, Standard Test Method for Potential Heat of Building Materials (revision of ANSI/NFPA 259-2023)

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

Project Need: Public Interest and Need.

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

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

Scope: This method of test shall provide a means of determining, under controlled laboratory conditions, the potential heat of building materials subjected to a defined high-temperature exposure condition. Determinations can be made on individual homogeneous or individual composite, nonhomogeneous, or layered materials from which a representative sample can be taken.

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 265-202x, Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile or Expanded Vinyl Wall Coverings on Full Height Panels and Walls (revision of ANSI/NFPA 265-2023)

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

Project Need: Public Interest and Need.

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

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

Scope: 1.1.1. This standard describes a test method for determining the contribution of textile or expanded vinyl wall coverings to room fire growth during specified fire exposure conditions.

1.1.2.* This test method shall be used to evaluate the flammability characteristics of textile or expanded vinyl wall coverings where such materials constitute the exposed interior surfaces of buildings and demountable, relocatable, full height partitions used in open building interiors.

A.1.1.2 Demountable, relocatable, full-height partitions include demountable, relocatable, full-height partitions that fill the space between the finished floor and the finished ceiling.

1.1.3 This test method shall not be used to evaluate the fire resistance of assemblies, nor shall it be used to evaluate the effect of fires originating within a wall assembly.

1.1.4* This test method shall not be used for the evaluation of floor or ceiling finishes.

A.1.1.4 One important difference between the ignition source in this test method and that used in NFPA 286 is that the flame in the NFPA 265 ignition source does not reach the ceiling. Thus, the NFPA 265 ignition source should not be used for testing materials that are to be installed on the ceiling.

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 289-202x, Standard Method of Fire Test for Individual Fuel Packages (revision of ANSI/NFPA 289-2023)

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

Project Need: Public Interest and Need.

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

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

Scope: This standard describes a fire test method for determining the fire test response characteristics of individual fuel packages when exposed to various ignition sources. This standard is referenced, including requirements for a maximum heat release rate of 100 kW, in several codes where specific individual fuel packages are exposed to a 20-kW ignition source. The applications include foam plastics in signs (NFPA 101 and NFPA 5000), foam plastic displays (NFPA 101 and the International Fire Code), artificial decorative vegetation (International Fire Code), foam components of children's playground structures (NFPA 1 and the International Building Code), foam plastics in kiosks (NFPA 101 and International Building Code) and decorative materials (including curtains and drapes) (International Fire Code).

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 701-202x, Standard Methods of Fire Tests for Flame Propagation of Textiles and Films (revision of ANSI/NFPA 701-2023)

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

Project Need: Public Interest and Need.

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

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

Scope: A small-scale test method appeared in NFPA 701 until the 1989 edition. It was eliminated from the test method because it has been shown that materials that “pass” that small-scale test do not necessarily exhibit a fire performance that is acceptable. The test is not reproducible for many types of fabrics and cannot predict actual full-scale performance. It should, therefore, not be used.

* Test Method For the purposes of Test Method 1, the terms curtains, draperies, or other types of window treatments, where used, should include, but not be limited to, the following items:

- (1) Window curtains
- (2) Stage or theater curtains
- (3) Vertical folding shades
- (4) Roll-type window shades
- (5) Hospital privacy curtains
- (6) Window draperies
- (7) Fabric shades or blinds
- (8) Polyvinyl chloride blinds
- (9) Horizontal folding shades
- (10) Swags

Examples of textile items other than window treatments to which Test Method 1 applies include the following:

- (1) Table skirts
- (2) Table linens
- (3) Display booth separators
- (4) Textile wall hangings
- (5) Decorative event tent linings not used in the assembly of a tent

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 705-202x, Recommended Practice for a Field Flame Test for Textiles and Films (revision of ANSI/NFPA 705-2023)

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

Project Need: Public Interest and Need.

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

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

Scope: This recommended practice provides guidance to enforcement officials for the field application of an open flame to textiles and films that have been in use in the field or for which reliable laboratory data are not available.

There is no known correlation between this recommended practice and NFPA 701 or full-scale fire behavior.

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 914-202x, Code for the Protection of Historic Structures (revision of ANSI/NFPA 914-2023)

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

Project Need: Public Interest and Need.

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

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

Scope: This code describes principles and practices of protection and recovery for historic structures and districts. Collections within libraries, museums, and places of worship are not within the scope of this code.

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

Donna Haders <djh@wherryassoc.com> | 30200 Detroit Road | Cleveland, OH 44145-1967 www.uama.org

Withdrawal

ANSI B74.22-1991 (R2014), Design Test for Type 27 Portable Grinding Wheels (withdrawal of ANSI B74.22-1991 (R2014))

Stakeholders: Manufacturers of abrasives.

Project Need: The test is no longer applicable.

Interest Categories: Producers, Consumers, and General Interest.

Scope: This test procedure is limited to 9" x 1/4" Type 27 portable grinding wheels that can cracked in such a manner that the crack is not visible to the operator. If the 9" x 1/4" wheel passes the test, then 7" x 1/4" wheels of the same design are also considered to have passed since the test conditions on a 9" x 1/4" wheel are much more severe than on a 7" x 1/4" wheel.

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

Donna Haders <djh@wherryassoc.com> | 30200 Detroit Road | Cleveland, OH 44145-1967 www.uama.org

Revision

BSR B74.20-202x, Grading of Diamond Powder in Sub-Sieve Sizes (revision of ANSI B74.20-2004 (R2016))

Stakeholders: Manufacturers, special industrial, and the like.

Project Need: Updating to include additional sizes.

Interest Categories: Producers, Consumers, and General Interest.

Scope: This standard defines the characterization of sub-sieve size diamond and CBN powders for general industrial use. However, there are special applications such as the electronics and polycrystalline diamond/CBN (PCD/PCBN) industries that require custom specification to be agreed upon between the micronizer and the end user. This standard does not attempt to address these special situations.

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

Donna Haders <djh@wherryassoc.com> | 30200 Detroit Road | Cleveland, OH 44145-1967 www.uama.org

Revision

BSR B74.21-202x, Fatigue Proof Test Procedure for Vitrified Grinding Wheels (revision of ANSI B74.21-2002 (R2014))

Stakeholders: Manufacturing, abrasives, abrasives users (many), medical, and the like.

Project Need: The only change is due to referencing an old standard which requires a revision.

Interest Categories: Producers, Consumers, and General Interest.

Scope: The scope of this procedure is limited to vitrified bonded compositions containing aluminum oxide or silicon carbide abrasive grains, when used in environments found in normal grinding practice. This procedure provides a tool to increase the degree of surety of these products against fatigue failure from normal operational stresses.

Call for Comment on Standards Proposals

American National Standards

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

Comment Deadline: April 30, 2023

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

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

Revision

BSR/ASSE 1003-202x, Water Pressure Reducing Valves for Domestic Water Distribution Systems (revision of ANSI/ASSE 1003-2020)

Devices covered by this standard are self-contained, direct-acting, single diaphragm types. Devices shall be permitted to have an integral strainer, separate strainer connected to the valve inlet, or be without strainer. Devices shall be permitted to be with or without an integral by-pass relief valve.

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

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

ULSE (UL Standards & Engagement)

333 Pflugsten Road, Northbrook, IL 60062-2096 | mitchell.gold@ul.org, <https://ulse.org/>

Revision

BSR/UL 486C-202x, Standard for Safety for Splicing Wire Connectors (revision of ANSI/UL 486C-2021)

Recirculation of the following topic balloted September 23, 2022: (1) The proposed eighth edition of the Standard for Splicing Wire Connectors, UL 486C.

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

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

Comment Deadline: April 30, 2023

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 486A-486B-202x, Standard for Safety for Wire Connectors (revision of ANSI/UL 486A-486B-2021)
Recirculation of the following topics originally balloted October 28, 2022: (3) Revisions to Clarify Requirements Associated with Copper-Clad Aluminum and Revise Standard for Clarity and Usability; (5) Corrections and Clarifications to UL 486A-486B; (6) Thermal Testing with Insulation Colors Other than Black.

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

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

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 1574-202x, Standard for Safety for Track Lighting Systems (revision of ANSI/UL 1574-2021)
The following change to the third edition of UL 1574, Standard for Safety for Track Lighting Systems is being proposed: Revision for Wiring smaller than 18 AWG

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

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

Comment Deadline: May 15, 2023

AAFS (American Academy of Forensic Sciences)

410 North 21st Street, Colorado Springs, CO 80904 | tambrosius@aafs.org, www.aafs.org

New Standard

BSR/ASB Std 133-202x, Standard for Age Estimation in Forensic Anthropology (new standard)
Age is one of several biological parameters that can be estimated from skeletal material or medical imaging. This standard provides general procedures for the estimation of age from skeletal material or medical imaging by forensic anthropologists. Specific methods and techniques are not included in the standard.

Single copy price: Free

Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: www.aafs.org/academy-standards-board.

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

Comment Deadline: May 15, 2023

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC P-17-202x, Manual and Assisted Mechanical Steering Systems (revision of ANSI/ABYC P-17-2018)

This standard addresses the design construction, and installation of remote manual and assisted mechanical cable steering systems and the major components of steering systems for outboard, inboard, sterndrive, and water jet drive boats. This standard applies to engine-mounted and boat-mounted remote manual and assisted mechanical cable steering systems used with single and twin engine installations of outboard engines over 20 hp per engine (15 kW), inboard, sterndrive, and water jet drives.

Single copy price: \$50.00

Obtain an electronic copy from: abycinc.org

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

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC P-22-202x, Steering Wheels (revision of ANSI/ABYC P-22-2018)

This standard addresses the design, construction, and installation of steering wheels for marine applications. This standard applies to steering wheels up to and including 24 in (61 cm) in diameter used on boats.

Single copy price: \$50.00

Obtain an electronic copy from: abycinc.org

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

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC S-33-202x, On-Water Engine Emissions Testing (revision of ANSI/ABYC S-33-2020)

This industry conformity standard establishes methods for the collection of on-water exhaust emissions for marine spark ignition (SI) propulsion engines. These methods apply to marine SI propulsion engines built beginning in 2013 to present.

Single copy price: \$50.00

Obtain an electronic copy from: abycinc.org

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

Comment Deadline: May 15, 2023

ALI (ASC A14) (American Ladder Institute)

330 N. Wabash Avenue, Suite 2000, Chicago, IL 60611 | smaldonado@thomasamc.com, www.americanladderinstitute.org

Revision

BSR A14.4-202x, Safety Requirements for Job-Made Wooden Ladders (revision and redesignation of ANSI A14.4-2018)

This safety standard prescribes minimum requirements and recommendations for the construction, design, installation, and use of job-made wooden ladders in order to minimize personal injuries. This standard does not cover portable manufactured ladders, permanent fixed ladders, or mobile-equipment ladders. The purpose of this standard is to provide reasonable safety for life and limb during any construction or demolition operation where conditions are not practical or do not permit the erection of temporary stairs or ramps. This standard provides a guide for compliance with minimum required specifications for the construction, care, and use of job-made wooden ladders used for temporary access on construction and demolition operations.

Single copy price: Free

Obtain an electronic copy from: www.americanladderinstitute.org

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

ANS (American Nuclear Society)

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

Reaffirmation

BSR/ANS 8.1-2014 (R202x), Nuclear Criticality Safety in Operations with Fissionable Material Outside Reactors (reaffirmation of ANSI/ANS 8.1-2014 (R2018))

This standard is applicable to operations with fissionable materials outside nuclear reactors, except for the assembly of these materials under controlled conditions, such as in critical experiments. Generalized basic criteria are presented, and limits are specified for some single fissionable units of simple shape containing ²³³U, ²³⁵U, or ²³⁹Pu, but not for multiunit arrays. Subcritical limits for certain multiunit arrays are contained in ANSI/ANS 8.7-1998 (R2012). Requirements are stated for validation of any calculational method used in assessing nuclear criticality safety.

Single copy price: \$50.00

Obtain an electronic copy from: orders@ans.org

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

ASTM (ASTM International)

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

Revision

BSR/ASTM E603-202x, Guide for Room Fire Experiments (revision of ANSI/ASTM E603-2017)

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

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

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

Comment Deadline: May 15, 2023

CSA (CSA America Standards Inc.)

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

Withdrawal

ANSI/CSA Z741-2012 (R2018), Geological storage of carbon dioxide (withdrawal of ANSI/CSA Z741-2012 (R2018))

This Standard establishes requirements and recommendations for the geological storage of carbon dioxide. The purpose of these requirements is to promote environmentally safe and long-term containment of carbon dioxide in a way that minimizes risks to the environment and human health.

Single copy price: \$158.00

Obtain an electronic copy from: ansi.contact@csagroup.org

Send comments (copy psa@ansi.org) to: David Zimmerman <ansi.contact@csagroup.org>

CTA (Consumer Technology Association)

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

Reaffirmation

BSR/CTA 814-C/J-STD-42-C-2018 (R202x), Emergency Alert Messaging for Cable (reaffirmation of ANSI/CTA 814-C/J-STD-42-C-2018)

This is a reaffirmation of ANSI/CTA 814-C/J-STD-42-C. This standard defines an Emergency Alert signaling method for use by cable TV systems to signal emergencies to digital receiving devices that are offered for retail sale. Such devices include digital set-top boxes that are sold to consumers at retail, digital TV receivers, and digital video recorders.

Single copy price: Free

Obtain an electronic copy from: standards@cta.tech

Send comments (copy psa@ansi.org) to: Catrina Akers <cakers@cta.tech>

CTA (Consumer Technology Association)

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

Stabilized Maintenance

BSR/CTA 708-E-2013 (S202x), Digital Television (DTV) Closed Captioning (stabilized maintenance of ANSI/CTA 708-E-2013 (R2018))

This is a stabilization of ANSI/CTA-708-E R-2018. This standard defines DTV Closed Captioning (DTVCC) and provides specifications and guidelines for caption service providers, distributors of television signals, decoder and encoder manufacturers, DTV receiver manufacturers, and DTV signal processing equipment manufacturers.

Single copy price: Free

Obtain an electronic copy from: standards@cta.tech

Send comments (copy psa@ansi.org) to: Catrina Akers <cakers@cta.tech>

Comment Deadline: May 15, 2023

MHI (Material Handling Industry)

8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 | pdavison@mhi.org, www.mhi.org

Revision

BSR MH24.2-202X, Power-operated vertical carousels and vertical lift modules (revision of ANSI MH24.2-2019)
This standard provides guidance for designers, manufacturers, sellers, installers, users, and governing bodies associated with power-operated vertical carousels and vertical lift modules. A vertical carousel is an enclosed system equipped with a series of shelves that work on a Ferris wheel concept, rotating around a track to deliver stored items to personnel through one or more ergonomically designed pick windows. A vertical lift module is an enclosed system that consists of one or two columns of tray storage with an inserter/extractor. For vertical lift modules with two columns of trays, the inserter/extractor is located between the tray storage. The vertical lift module inserter/extractor automatically locates and retrieves stored trays from the unit to deliver stored items to personnel through one or more ergonomically designed pick windows. Both vertical carousels and vertical lift modules are designed to utilize floor-to-ceiling height in a facility to optimize storage density. Shelves or carriers in vertical carousels and vertical lift modules are configurable to maximize storage density in a minimal footprint.
Single copy price: \$50.00

Obtain an electronic copy from: pdavison@mhi.org

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

MTS (Institute for Market Transformation to Sustainability)

1511 Wisconsin Avenue, NW, Washington, DC 20007 | mike@sustainableproducts.com, www.sustainableproducts.com

New Standard

BSR/MTS IP 3.0-202x, integrative Process Guide (new standard)

Sets the process for sustainable building owners and regenerative communities to reduce change orders and construction costs.

Single copy price: \$395.00

Obtain an electronic copy from: mike@sustainableproducts.com

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

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Kyle.Krueger@necanet.org, www.neca-neis.org

New Standard

BSR/NECA 702-202X, Recommended Practices for Maintaining Power Quality of Electrical Power Distribution Systems (new standard)

This publication describes recommended practices for identifying possible causes of electrical equipment misoperation due to poor power quality, and methods of improving overall system power quality and equipment operation.

Single copy price: \$30.00-Member/\$60.00-Nonmember

Obtain an electronic copy from: NEIS@NECANet.org or <https://neca-neis.org/about-neis/neis-review>

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

Comment Deadline: May 15, 2023

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Kyle.Krueger@necanet.org, www.neca-neis.org

New Standard

BSR/NECA/EATON 507-202X, Recommended Practices for Electrical Wiring and Equipment in Hazardous Locations (new standard)

This recommended practice covers system design, quality, performance, and workmanship related to installing and maintaining electrical wiring and equipment in hazardous locations.

Single copy price: \$30.00-Member/\$60.00-Nonmember

Obtain an electronic copy from: NEIS@NECAnet.org or <https://neca-neis.org/about-neis/neis-review>

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

NEMA (ASC C29) (National Electrical Manufacturers Association)

1300 17th St N #900,, Arlington, VA 22209 | Paul.Crampton@nema.org, www.nema.org

Reaffirmation

BSR C29.2B-2013 (R202x), Wet Process Porcelain and Toughened Glass Transmission Suspension Type (reaffirmation of ANSI C29.2B-2013)

This standard covers transmission suspension-type insulators, 9 inches (228.6 millimeters) in diameter and larger, made of wet-process porcelain or of toughened glass and used in the transmission of electrical energy

Single copy price: Free

Obtain an electronic copy from: Paul.Crampton@nema.org

Send comments (copy psa@ansi.org) to: Paul Crampton <Paul.Crampton@NEMA.org>

PGMA (Portable Generator Manufacturers Association)

1300 Sumner Avenue, Cleveland, OH 44115-2851 | jharding@thomasamc.com, www.pgmaonline.com

Revision

BSR/PGMA G300-202x, Safety and Performance of Portable Generators (revision of ANSI/PGMA G300-2018)

This standard applies to 15 kW or smaller; single phase; 300 V or lower; 60 hertz; gasoline, liquefied petroleum gas (LPG), natural gas (NG) and diesel engine driven portable generators intended for multiple use and intended to be moved, though not necessarily with wheels. Permanent stationary generators, 50 hertz generators, marine generators, trailer mounted generators, generators in motor homes, generators intended to be pulled by vehicles and engine driven welding power sources are not covered.

Single copy price: Free

Obtain an electronic copy from: jharding@thomasamc.com

Send comments (copy psa@ansi.org) to: jharding@thomasamc.com

Comment Deadline: May 15, 2023

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

New Standard

BSR/SCTE 281-1-202x, VVC Video Constraints for Cable Television: Part 1 - Coding (new standard)

This document defines the coding constraints on ITU-T Rec. H.266 | ISO/IEC 23090-3 [MPEG-VVC] video compression (hereafter called "VVC") for Cable Television. In particular, this document describes the coding of a single VVC coded video elementary stream in an SDR or HDR format carried in MPEG-2 transport (ISO/IEC 13818-1) [MPEG-2 TS] for linear delivery systems supporting ad insertion services [SCTE 35] or for adaptive bitrate streaming delivery technologies [SCTE 214-1]. Beyond linear delivery with DPI, signaling is provided for segmentation of content for xDVR applications.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

New Standard

BSR/SCTE 281-2-202x, VVC Video Constraints for Cable Television: Part 2 - Transport (new standard)

This document describes the constraints of carriage of a single VVC coded video elementary stream over an MPEG-2 transport stream. This document defines the transport constraints on ITU-T Rec. H.266 | ISO/IEC 23090-3 [MPEG-VVC] video compression (hereafter called "VVC") for cable television. In particular, this document describes the transmission of a single VVC coded video elementary stream constrained per [SCTE 281-1] over MPEG-2 transport (ISO/IEC 13818-1 [MPEG-2 TS]) for linear delivery systems supporting ad insertion services [SCTE 35]. Beyond linear delivery with DPI, signaling is provided for segmentation of contents for xDVR applications.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

ULSE (UL Standards & Engagement)

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

Reaffirmation

BSR/UL 60079-18-2019 (R202x), Standard for Safety for Explosive Atmospheres - Part 18: Equipment Protection by Encapsulation m (reaffirmation of ANSI/UL 60079-18-2019)

1. Reaffirmation and continuance of the fourth edition of the Standard for Safety for Explosive Atmospheres – Part 18: Equipment Protection by Encapsulation “m”, UL 60079-18, as an American National Standard.

Single copy price: Free

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

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

Comment Deadline: May 15, 2023

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 1063-202X, Standard for Safety for Machine-Tool Wires and Cables (revision of ANSI/UL 1063-2020)

Addition of odd AWG sizes and other clarifications.

Single copy price: Free

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

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

Comment Deadline: May 30, 2023

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME PTC 23-2003 (R202x), Atmospheric Water Cooling Equipment (reaffirmation of ANSI/ASME PTC 23-2003 (R2014))

This Code provides uniform test methods for conducting and reporting thermal performance characteristics of wet mechanical draft, natural draft, wet-dry cooling towers, closed circuit evaporative (wet) coolers, and wet surface air-cooled steam condensers. This Code also provides directions and rules for conducting and reporting plume abatement of wet-dry cooling towers and water consumption of any cooling tower.

Single copy price: \$145.00

Order from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments (copy psa@ansi.org) to: Justin Cassamassino <cassasmassinoj@asme.org>

ULSE (UL Standards & Engagement)

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

National Adoption

BSR/UL 60335-2-3-202x, UL Standard for Safety for Household and Similar Electrical Appliances, Part 2:

Particular Requirements for Electric Irons (national adoption of IEC 60335-2-3 Edition 6.1 with modifications and revision of ANSI/UL 60335-2-3-2022)

Proposed adoption of Edition 6.1 of IEC 60335-2-3 as Edition 6 of UL 60335-2-3, Standard for Safety for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Electric Irons with National Differences.

Single copy price: Free

Order from: <https://csds.ul.com/Home/ProposalsDefault.aspx>

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

Comment Deadline: May 30, 2023

ULSE (UL Standards & Engagement)

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

New Standard

BSR/UL 1008M-202x, Standard for Transfer Switch Equipment, Meter-Mounted (new standard)

The proposed first edition of the Standard for Transfer Switch Equipment, Meter-Mounted, UL 1008M.

Single copy price: Free

Order from: <https://csds.ul.com/Home/ProposalsDefault.aspx>.

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

Final Actions on American National Standards

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

ARESCA (American Renewable Energy Standards and Certification Association)

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

ANSI/ARESCA 61400-50-2023, Wind energy generation systems - Part 50: Wind measurement - Overview (identical national adoption of IEC 61400-50:2022) Final Action Date: 3/20/2023 | *National Adoption*

ANSI/ARESCA 61400-50-1-2023, Wind energy generation systems - Part 50-1: Wind measurement - Application of meteorological mast, nacelle and spinner mounted instruments (identical national adoption of IEC 61400-50-1:2022) Final Action Date: 3/20/2023 | *National Adoption*

ANSI/ARESCA 61400-50-2-2023, Wind energy generation systems - Part 50-2: Wind measurement - Application of ground-mounted remote sensing technology (identical national adoption of IEC 61400-50-2:2022) Final Action Date: 3/20/2023 | *National Adoption*

ANSI/ARESCA 61400-50-4-2023, Wind energy generation systems - Part 50-4: Use of floating lidars for wind measurements (identical national adoption of IEC 61400-50-4:2023) Final Action Date: 3/20/2023 | *National Adoption*

ASA (ASC S12) (Acoustical Society of America)

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

ANSI/ASA S12.9-1992/Part 2 (R2023), Quantities and Procedures for Description and Measurement of Environmental Sound, Part 2: Measurement of Long-Term, Wide-Area Sound (reaffirmation of ANSI/ASA S12.9-1992/Part 2 (R2018)) Final Action Date: 3/23/2023 | *Reaffirmation*

ANSI/ASA S12.9-2013/Part 1 (R2023), Quantities and Procedures for Description and Measurement of Environmental Sound, Part 1: Basic Quantities and Definitions (reaffirmation of ANSI/ASA S12.9-2013/Part 1 (R2018)) Final Action Date: 3/23/2023 | *Reaffirmation*

ASA (ASC S3) (Acoustical Society of America)

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

ANSI/ASA S3.6-2018 (R2023), Specification for Audiometers (reaffirmation of ANSI/ASA S3.6-2018) Final Action Date: 3/23/2023 | *Reaffirmation*

ASABE (American Society of Agricultural and Biological Engineers)

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

ANSI/ASABE/ISO 21191-2023 MONYEAR, Equipment for crop protection - Closed transfer systems (CTS) - Performance specifications (identical national adoption of ISO 21191:2021) Final Action Date: 3/24/2023 | *National Adoption*

ASNT (American Society for Nondestructive Testing)

1711 Arlingate Lane, Columbus, OH 43228-0518 | mthomas@asnt.org, www.asnt.org

ANSI/ASNT CP-9712 (ISO 9712:2021)-2023, Nondestructive Testing - Qualification and Certification of Personnel (identical national adoption of ISO 9712:2021 (E) and revision of ANSI/ASNT CP-106 (ISO 9712:2012)-2018) Final Action Date: 3/23/2023 | *National Adoption*

AWS (American Welding Society)

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

ANSI/AWS D10.4M/D10.4-2023, Guide for Welding Austenitic Stainless Steel Piping and Tubing (new standard)

Final Action Date: 3/24/2023 | *New Standard*

CAPA (Certified Automotive Parts Association)

c/o Intertek, 4700 Broadmoor SE, Suite 200, Kentwood, MI 49512 | Bernadette.Kronberg@intertek.com, www.intertek.com

ANSI/CAPA 601-001-2023, Standard Test Method for Vibration Testing of Automotive Replacement Radiators

(new standard) Final Action Date: 3/24/2023 | *New Standard*

CTA (Consumer Technology Association)

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

ANSI/CTA 861-I-2023, A DTV Profile for Uncompressed High Speed Digital Interfaces (revision and redesignation of

ANSI/CTA 861-H-2021) Final Action Date: 3/23/2023 | *Revision*

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

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

ANSI/ASSE 1053-2019 (R2023), Dual Check Backflow Preventer Wall Hydrants - Freeze Resistant Type

(reaffirmation of ANSI/ASSE 1053-2019) Final Action Date: 3/23/2023 | *Reaffirmation*

ANSI/ASSE 1084-2018 (R2023), Water Heaters with Temperature Limiting Capacity (reaffirmation of ANSI/ASSE

1084-2018) Final Action Date: 3/23/2023 | *Reaffirmation*

ANSI/ASSE 1085-2018 (R2023), Water Heaters for Emergency Equipment (reaffirmation of ANSI/ASSE 1085

-2018 (R2021)) Final Action Date: 3/23/2023 | *Reaffirmation*

ANSI/ASSE 1093-2019/WSC PAS-97-2019 (R2023), Pitless Adapters, Pitless Units, and Well Caps (reaffirmation

of ANSI/ASSE 1093-2019/WSC PAS-97-2019) Final Action Date: 3/23/2023 | *Reaffirmation*

NAAMM (National Association of Architectural Metal Manufacturers)

114 Whiting Street, Norfolk, VA 23505 | jeffc@cmservices.com, www.naamm.org

ANSI/NAAMM HMMA 862-2023, Guide Specifications for Commercial Security Hollow Metal Doors and Frames

(revision of ANSI/NAAMM HMMA 862-2013) Final Action Date: 3/24/2023 | *Revision*

NEMA (ASC C29) (National Electrical Manufacturers Association)

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

ANSI C29.5-2023, Wet-Process Porcelain Insulators - Low- and Medium-Voltage Types (revision of ANSI/NEMA

C29.5-2015) Final Action Date: 3/24/2023 | *Revision*

ANSI C29.6-2023, Wet-Process Porcelain Insulators - High-Voltage Pin-Type (revision of ANSI/NEMA C29.6-2015)

Final Action Date: 3/24/2023 | *Revision*

NEMA (ASC C8) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Arlington, VA 22209 | Khaled.Masri@nema.org, www.nema.org

ANSI ICEA S-97-682-2023, Standard for Utility Shielded Power Cables Rated 5 Through 46 kV (revision of

ANSI/ICEA S-97-682-2013) Final Action Date: 3/21/2023 | *Revision*

NSF (NSF International)

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

ANSI/NSF 40-2023 (i53r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2022) Final Action Date: 3/17/2023 | *Revision*

PHTA (Pool and Hot Tub Alliance)

2111 Eisenhower Avenue, Alexandria, VA 22314 | bpavlik@phta.org, www.PHTA.org

ANSI/APSP/ICC 8-2005 (R2023), Model Barrier Code for Residential Swimming Pools, Spas, and Hot Tubs (reaffirmation and redesignation of ANSI/APSP/ICC-8-2005 (R2013)) Final Action Date: 3/24/2023 | *Reaffirmation*

ULSE (UL Standards & Engagement)

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

ANSI/UL 2459-2018 (R2023), Standard for Safety for Insulated Multi-Pole Splicing Wire Connectors (reaffirmation of ANSI/UL 2459-2018) Final Action Date: 3/20/2023 | *Reaffirmation*

ANSI/UL 746C-2023, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2022) Final Action Date: 3/17/2023 | *Revision*

ANSI/UL 746C-2023a, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2021) Final Action Date: 3/24/2023 | *Revision*

ANSI/UL 1478-2023, Standard for Fire Pump Relief Valves (revision of ANSI/UL 1478-2004 (R2018)) Final Action Date: 3/17/2023 | *Revision*

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

BSR/AAMI/ISO 13408-1-202x, Aseptic processing of health care products - Part 1: General requirements (identical national adoption of ISO 13408-1 Edition 3 (when published) and revision of ANSI/AAMI/ISO 13408-1-2008 (R2011))

ABMA (ASC B3) (American Bearing Manufacturers Association)

1001 N. Fairfax Street, Suite 500, Alexandria, VA 22314 | aboutaleb@agma.org, www.americanbearings.org

BSR/ABMA 8.2-202x, Ball and Roller Bearing Mounting Accessories Inch Design (revision of ANSI/ABMA 8.2-1999 (S2020))

ABYC (American Boat and Yacht Council)

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

BSR/ABYC P-17-202x, Manual and Assisted Mechanical Steering Systems (revision of ANSI/ABYC P-17-2018)

Interest Categories: Soliciting for category: Insurance/Survey

ABYC (American Boat and Yacht Council)

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

BSR/ABYC P-22-202x, Steering Wheels (revision of ANSI/ABYC P-22-2018)

Interest Categories: Soliciting for category: Insurance/Survey

ABYC (American Boat and Yacht Council)

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

BSR/ABYC S-33-202x, On-Water Engine Emissions Testing (revision of ANSI/ABYC S-33-2020)

Interest Categories: Soliciting for categories: Insurance/Survey

ACP (American Clean Power Association)

1501 M Street NW, Suite 1000, Washington, DC 22205 | dbrown@cleanpower.org, www.cleanpower.org

BSR/ACP RP 1002-202x, Offshore Wind Safety Recommended Practices (new standard)

Interest Categories: ACP is seeking new Consensus Body Members in the following interest categories: Consultants, Producers, and General Interest

AMCA (Air Movement and Control Association)

30 West University Drive, Arlington Heights, IL 60004-1893 | aahing@amca.org, www.amca.org

BSR/AMCA 207-202x, Fan System Efficiency and Fan System Input Power (revision of ANSI/AMCA 207-2017)

BICSI (Building Industry Consulting Service International)

8610 Hidden River Parkway, Tampa, FL 33637 | jsilveira@bicsi.org, www.bicsi.org

BSR/BICSI 001-202x, Information and Communication Technology Systems Design and Implementation Best Practices for Educational Institutions and Facilities (revision of ANSI/BICSI 001-2017 (R2022))

BICSI (Building Industry Consulting Service International)

8610 Hidden River Parkway, Tampa, FL 33637 | jsilveira@bicsi.org, www.bicsi.org

BSR/BICSI 002-202x, Data Center Design and Implementation Best Practices (revision of ANSI/BICSI 002-2019)

BICSI (Building Industry Consulting Service International)

8610 Hidden River Parkway, Tampa, FL 33637 | jsilveira@bicsi.org, www.bicsi.org

BSR/BICSI 004-202x, Information Communication Technology Systems Design and Implementation Best Practices for Healthcare Institutions and Facilities (revision of ANSI/BICSI 004-2018)

BICSI (Building Industry Consulting Service International)

8610 Hidden River Parkway, Tampa, FL 33637 | jsilveira@bicsi.org, www.bicsi.org

BSR/BICSI 007-202x, Information Communication Technology Design and Implementation Practices for Intelligent Buildings and Premises (revision of ANSI/BICSI 007-2020)

BICSI (Building Industry Consulting Service International)

8610 Hidden River Parkway, Tampa, FL 33637 | jsilveira@bicsi.org, www.bicsi.org

BSR/BICSI 008-202x, Wireless Local Area Network (WLAN) Systems Design and Implementation Best Practices (revision of ANSI/BICSI 008-2018)

CTA (Consumer Technology Association)

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

BSR/CTA 708-E-2013 (S202x), Digital Television (DTV) Closed Captioning (stabilized maintenance of ANSI/CTA 708-E-2013 (R2018))

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

CTA (Consumer Technology Association)

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

BSR/CTA 814-C/J-STD-42-C-2018 (R202x), Emergency Alert Messaging for Cable (reaffirmation of ANSI/CTA 814-C/J-STD-42-C-2018)

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

NAAMM (National Association of Architectural Metal Manufacturers)

1533 Pine Grove Lane, Chesapeake, VA 23321 | ifnaamm@gmail.com, www.naamm.org

BSR/NAAMM MBG 534-2014 (R202x), Metal Bar Grating Engineering Design Manual (reaffirmation of ANSI/NAAMM MBG 534-2014)

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Kyle.Krueger@necanet.org, www.neca-neis.org

BSR/NECA 702-202X, Recommended Practices for Maintaining Power Quality of Electrical Power Distribution Systems (new standard)

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Kyle.Krueger@necanet.org, www.neca-neis.org

BSR/NECA/EATON 507-202X, Recommended Practices for Electrical Wiring and Equipment in Hazardous Locations (new standard)

NEMA (ASC C29) (National Electrical Manufacturers Association)

1300 17th St N #900,, Arlington, VA 22209 | Paul.Crampton@nema.org, www.nema.org

BSR C29.2B-2013 (R202x), Wet Process Porcelain and Toughened Glass Transmission Suspension Type (reaffirmation of ANSI C29.2B-2013)

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

30200 Detroit Road, Cleveland, OH 44145-1967 | djh@wherryassoc.com, www.uama.org

ANSI B74.22-1991 (R2014), Design Test for Type 27 Portable Grinding Wheels (withdrawal of ANSI B74.22-1991 (R2014))

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

30200 Detroit Road, Cleveland, OH 44145-1967 | djh@wherryassoc.com, www.uama.org

BSR B74.20-202x, Grading of Diamond Powder in Sub-Sieve Sizes (revision of ANSI B74.20-2004 (R2016))

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

30200 Detroit Road, Cleveland, OH 44145-1967 | djh@wherryassoc.com, www.uama.org

BSR B74.21-202x, Fatigue Proof Test Procedure for Vitrified Grinding Wheels (revision of ANSI B74.21-2002 (R2014))

ANSI Accredited Standards Developer

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

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

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

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

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

Call for Comment of ANS Limited Substantive Changes

ANSI Accredited Standards Developer

TIA - Telecommunications Industry Association

ANSI/TIA 568.5-2022 - 30-Day Comment Deadline By May 1, 2023

This Call for Comment of Limited Substantive Changes to the Approved American National Standard is available for review & comment until **May 1, 2023**

ANSI/TIA 568.5-2022

Single balanced twisted-pair cabling and components standard

(new standard)

A single balanced twisted-pair cabling and components standard to provide specifications for cables, connectors, cords, links and channels using 1-pair connectivity in non-industrial premises telecommunications networks. The standard will focus on MICE1 environments and will include cabling and component performance requirements and test procedures, reliability requirements and test procedures, as well as guidelines for adaptations to four pair cabling.

Send comments (with optional copy to psa@ansi.org) to: standards-process@tiaonline.org

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

Single copy price: \$116.00

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

Teesha Jenkins

Manager, Standards Secretariat Services

Telecommunications Industry Association (TIA)

1320 North Courthouse Road, Suite 200

Arlington, VA 22201-2598

p: (703) 907-7706

e: standards-process@tiaonline.org

e: tjenkins@tiaonline.org

American National Standards (ANS) Process

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

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

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

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

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

CPA - Composite Panel Association

Effective March 24, 2023

The reaccreditation of **CPA - Composite Panel Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on CPA-sponsored American National Standards, effective **March 24, 2023**. For additional information, please contact: Gary Heroux, Composite Panel Association (CPA) | 19465 Deerfield Avenue, Suite 306, Leesburg, VA 20176 | (301) 606-6740, gheroux@cpamail.org

Approval of Reaccreditation – ASD

DirectTrust - DirectTrust.org, Inc.

Effective March 22, 2023

The reaccreditation of **DirectTrust - DirectTrust.org, Inc.** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on DirectTrust-sponsored American National Standards, effective **March 22, 2023**. For additional information, please contact: Stacy Clements, DirectTrust.org, Inc. (DirectTrust) | 1629 K Street NW, Suite 300, Washington, DC 20006 | (706) 781-5518, standards@directtrust.org

Approval of Reaccreditation – ASD

EMAP - Emergency Management Accreditation Program

Effective March 20, 2023

The reaccreditation of **EMAP - Emergency Management Accreditation Program** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on EMAP-sponsored American National Standards, effective **March 20, 2023**. For additional information, please contact: Nicole Ishmael, Emergency Management Accreditation Program (EMAP) | 201 Park Washington Court, Falls Church, VA 22046-4527 | (859) 351-2350, nishmael@emap.org

Approval of Reaccreditation – ASD

IKECA - International Kitchen Exhaust Cleaning Association

Effective June 17, 2020

The reaccreditation of **IKECA - International Kitchen Exhaust Cleaning Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on IKECA-sponsored American National Standards, effective **June 17, 2020**. For additional information, please contact: Nikki Augsburger, International Kitchen Exhaust Cleaning Association (IKECA) | 2331 Rock Spring Road, Forest Hill, MD 21050 | (410) 417-5234, nikki@ikeca.org

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

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

Effective March 20, 2023

The reaccreditation of **WMMA (ASC O1) - Wood Machinery Manufacturers of America**

Safety Requirements for Woodworking Machinery has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on WMMA (ASC O1)-sponsored American National Standards, effective **March 20, 2023**. For additional information, please contact: Nikki Augsburg, Wood Machinery Manufacturers of America (WMMA (ASC O1)) | 2331 Rock Spring Road, Forest Hill, MD 21050 | (443) 640-1052, nikki@wmma.org

American National Standards Under Continuous Maintenance

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

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

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

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

AAFS

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

Teresa Ambrosius
tambrosius@aafs.org

AAMI

Association for the Advancement of
Medical Instrumentation
901 N. Glebe Road, Suite 300
Arlington, VA 22203
www.aami.org

Amanda Benedict
abenedict@aami.org

ABMA (ASC B3)

American Bearing Manufacturers
Association
1001 N. Fairfax Street, Suite 500
Alexandria, VA 22314
www.americanbearings.org

Amir Aboutaleb
aboutaleb@agma.org

ABYC

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

Emily Parks
eparks@abycinc.org

ACP

American Clean Power Association
1501 M Street NW, Suite 1000
Washington, DC 22205
www.cleanpower.org

Duane Brown
dbrown@cleanpower.org

ALI (ASC A14)

American Ladder Institute
330 N. Wabash Avenue, Suite 2000
Chicago, IL 60611
www.americanladderinstitute.org

Savannah Maldonado
smaldonado@thomasamc.com

AMCA

Air Movement and Control Association
30 West University Drive
Arlington Heights, IL 60004
www.amca.org

Abigail Ahing
aahing@amca.org

ANS

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

Kathryn Murdoch
kmurdoch@ans.org

ARESCA

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

George Kelly
secretary@aresca.us

ASA (ASC S12)

Acoustical Society of America
1305 Walt Whitman Road, Suite 300
Melville, NY 11747
www.acousticalsociety.org

Raegan Ripley
standards@acousticalsociety.org

ASA (ASC S3)

Acoustical Society of America
1305 Walt Whitman Road, Suite 300
Melville, NY 11747
www.acousticalsociety.org

Raegan Ripley
standards@acousticalsociety.org

ASABE

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

Jean Walsh
walsh@asabe.org

ASME

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

Terrell Henry
ansibox@asme.org

ASNT

American Society for Nondestructive
Testing
1711 Arlingate Lane
Columbus, OH 43228
www.asnt.org

Michelle Thomas
mthomas@asnt.org

ASTM

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

Laura Klineburger
accreditation@astm.org

AWS

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

Stephen Borrero
sborrero@aws.org

BICSI

Building Industry Consulting Service
International
8610 Hidden River Parkway
Tampa, FL 33637
www.bicsi.org

Jeff Silveira
jsilveira@bicsi.org

CAPA

Certified Automotive Parts Association
c/o Intertek, 4700 Broadmoor SE, Suite
200
Kentwood, MI 49512
www.CAPACertified.org

Bernadette Kronberg
Bernadette.Kronberg@intertek.com

CSA

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

Debbie Chesnik
ansi.contact@csagroup.org

CTA

Consumer Technology Association
1919 South Eads Street
Arlington, VA 22202
www.cta.tech

Catrina Akers
cakers@cta.tech

HSI

Healthcare Standards Institute
3004 Sea Pines Place
League City, TX 77573
www.hsi.health/

Lee Webster
lwebster@ingenesis.com

IAPMO (ASSE Chapter)

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

Terry Burger
terry.burger@asse-plumbing.org

IEEE

Institute of Electrical and Electronics
Engineers
445 Hoes Lane
Piscataway, NJ 08854
www.ieee.org

Lisa Weisser
l.weisser@ieee.org

MHI

Material Handling Industry
8720 Red Oak Boulevard, Suite 201
Charlotte, NC 28217
www.mhi.org

Patrick Davison
pdavison@mhi.org

MTS

Institute for Market Transformation to
Sustainability
1511 Wisconsin Avenue, NW
Washington, DC 20007
www.sustainableproducts.com

Michael Italiano
mike@sustainableproducts.com

NAAMM

National Association of Architectural Metal
Manufacturers
114 Whiting Street
Norfolk, VA 23505
www.naamm.org

Jeff Church
jeffc@cmservices.com

NAAMM

National Association of Architectural Metal
Manufacturers
1533 Pine Grove Lane
Chesapeake, VA 23321
www.naamm.org

Ike Flory
ifnaamm@gmail.com

NECA

National Electrical Contractors Association
1201 Pennsylvania Avenue, Suite 1200
Washington, DC 20004
www.neca-neis.org

Kyle Krueger
Kyle.Krueger@necanet.org

NEMA (ASC C29)

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

Paul Orr
pau_orr@nema.org

NEMA (ASC C29)

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

Paul Crampton
Paul.Crampton@nema.org

NEMA (ASC C8)

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

Khaled Masri
Khaled.Masri@nema.org

NFPA

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

Dawn Michele Bellis
dbellis@nfpa.org

NSF

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

Jason Snider
jsnider@nsf.org

PGMA

Portable Generator Manufacturers
Association
1300 Sumner Avenue
Cleveland, OH 44115
www.pgmaonline.com

Joseph Harding
jharding@thomasamc.com

PHTA

Pool and Hot Tub Alliance
2111 Eisenhower Avenue
Alexandria, VA 22314
www.PHTA.org

Blake Pavlik
bpavlik@phta.org

SCTE

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

Natasha Aden
naden@scte.org

UAMA (ASC B74)

Unified Abrasives Manufacturers'
Association
30200 Detroit Road
Cleveland, OH 44145
www.uama.org

Donna Haders
djh@wherryassoc.com

ULSE

UL Standards & Engagement
12 Laboratory Drive
Research Triangle Park, NC 27709
<https://ulse.org/>

Anne Marie Jacobs
annemarie.jacobs@ul.org

Doreen Stocker
Doreen.Stocker@ul.org

Griff Edwards
griff.edwards@ul.org

Vickie Hinton
Vickie.T.Hinton@ul.org

ULSE

UL Standards & Engagement
333 Pfingsten Road
Northbrook, IL 60062
<https://ulse.org/>

Lisette Delgado
Lisette.delgado@ul.org

Madison Lee
madison.lee@ul.org

Mitchell Gold
mitchell.gold@ul.org

ULSE

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

Derrick Martin
Derrick.L.Martin@ul.org

Linda Phinney
Linda.L.Phinney@ul.org

ISO & IEC Draft International Standards



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

COMMENTS

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

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

ORDERING INSTRUCTIONS

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

ISO Standards

Agricultural food products (TC 34)

ISO/DIS 17174, Molecular biomarker analysis - DNA barcoding of fish and fish products using defined mitochondrial cytochrome b and cytochrome c oxidase I gene segments - 6/8/2023, \$77.00

Applications of statistical methods (TC 69)

ISO 22514-7:2021/DAmD 1, - Amendment 1: Statistical methods in process management - Capability and performance - Part 7: Capability of measurement processes - Amendment 1 - 6/8/2023, \$33.00

Dentistry (TC 106)

ISO/DIS 6872, Dentistry - Ceramic materials - 6/9/2023, \$98.00

Implants for surgery (TC 150)

ISO/DIS 8637-1, Extracorporeal systems for blood purification - Part 1: Haemodialysers, haemodiafilters, haemofilters and haemoconcentrators - 6/8/2023, \$102.00

ISO/DIS 8637-3, Extracorporeal systems for blood purification - Part 3: Plasmafilters - 6/9/2023, \$71.00

Microbeam analysis (TC 202)

ISO/DIS 14594, Microbeam analysis - Electron probe microanalysis - Guidelines for the determination of experimental parameters for wavelength dispersive spectroscopy - 6/10/2023, \$71.00

Nuclear energy (TC 85)

ISO/DIS 16646, Nuclear installations - Criteria for the design and operation of confinement and ventilation systems of tritium fusion facilities and fusion fuel handling facilities - 6/8/2023, \$146.00

Packaging (TC 122)

ISO/DIS 21898, Packaging - Flexible intermediate bulk containers (FIBCs) for non-dangerous goods - 6/11/2023, \$107.00

Petroleum products and lubricants (TC 28)

ISO/DIS 8217, Products from petroleum, synthetic and renewable sources - Fuels (class F) - Specifications of marine fuels - 6/11/2023, \$112.00

ISO/DIS 8216-1, Products from petroleum, synthetic and renewable sources - Fuels (class F) classification - Part 1: Categories of marine fuels - 6/10/2023, \$40.00

Rubber and rubber products (TC 45)

ISO/DIS 1817, Rubber, vulcanized or thermoplastic - Determination of the effect of liquids - 6/10/2023, \$93.00

ISO/DIS 2930, Rubber, raw natural - Determination of plasticity retention index (PRI) - 6/9/2023, \$46.00

ISO/DIS 6472, Rubber compounding ingredients - Abbreviated terms - 6/8/2023, \$71.00

Ships and marine technology (TC 8)

ISO/DIS 23745, Ships and marine technology - General specification for shipborne meteorological instruments - 6/10/2023, \$67.00

Small tools (TC 29)

ISO/DIS 603-8, Bonded abrasive products - Dimensions - Part 8: Grinding wheels for deburring and fettling/snagging - 6/8/2023, \$33.00

ISO/DIS 603-9, Bonded abrasive products - Dimensions - Part 9: Grinding wheels for high-pressure grinding - 6/8/2023, \$33.00

Solar energy (TC 180)

ISO 24194:2022/DAMd 1, - Amendment 1: Solar energy - Collector fields - Check of performance - Amendment 1 - 6/9/2023, \$33.00

Terminology (principles and coordination) (TC 37)

ISO/DIS 21636-1, Language coding - A framework for language varieties - Part 1: Terms and definitions - 6/12/2023, \$71.00

ISO/DIS 21636-3, Language coding - A framework for language varieties - Part 3: Application of the framework - 6/12/2023, \$53.00

Traditional Chinese medicine (TC 249)

ISO/DIS 6904, Traditional Chinese Medicine - General requirements for the ultrafine powder of herbs - 6/12/2023, \$40.00

Tyres, rims and valves (TC 31)

ISO/DIS 4000-1, Passenger car tyres and rims - Part 1: Tyres (metric series) - 6/12/2023, \$125.00

Wood-based panels (TC 89)

ISO/DIS 12460-2, Wood-based panels - Determination of formaldehyde release - Part 2: Small-scale chamber method - 6/10/2023, \$146.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 29110-1-1, Systems and software engineering - Lifecycle profiles for Very Small Entities (VSEs) - Part 1-1: Overview - 6/10/2023, \$77.00

IEC Standards**Audio, video and multimedia systems and equipment (TC 100)**

100/3899/FDIS, IEC 60728-106 ED1: Cable networks for television signals, sound signals and interactive services - Part 106: Optical equipment for systems loaded with digital channels only, 05/05/2023

100/3900/FDIS, IEC 60728-113 ED2: Cable networks for television signals, sound signals and interactive services - Part 113: Optical systems for broadcast signal transmissions loaded with digital channels only, 05/05/2023

100/3883/CDV, IEC 60728-114 ED1: Optical transmission systems using RFoG technology (TA5), 06/16/2023

100/3884/CDV, IEC 63296-2 ED1: Portable multimedia equipment - Determination of battery duration - Part 2: Headphones and earphones with active noise cancelling functions, 06/16/2023

Automatic controls for household use (TC 72)

72/1350/CD, IEC 60730-2-23 ED1: Automatic electrical controls - Part 2-23: Particular requirements for electrical sensors and sensing elements, 05/19/2023

Documentation and graphical symbols (TC 3)

3/1611/DTS, IEC TS 63266 ED1: Representation of communication in power utility automation, 06/16/2023

Electric welding (TC 26)

26/744/FDIS, IEC 62822-3 ED2: Electric welding equipment - Assessment of restrictions related to human exposure to electromagnetic fields (0 Hz to 300 Hz) - Part 3: Resistance welding equipment, 05/05/2023

Electrical accessories (TC 23)

23K/84/CD, IEC 63402-1 ED1: Energy Efficiency Systems - Smart Grid - Customer Energy Management Systems - General Requirements and Architecture, 06/16/2023

Electrical equipment in medical practice (TC 62)

62B/1315/DISH, IEC 60601-2-33/ISH1 ED4: Interpretation Sheet 1 - Medical electrical equipment - Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis, 05/05/2023

Electromagnetic compatibility (TC 77)

77B/863/FDIS, IEC 61000-4-6 ED5: Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields, 05/05/2023

Fibre optics (TC 86)

86A/2314/FDIS, IEC 60793-1-44 ED3: Optical fibres - Part 1-44: Measurement methods and test procedures - Cut-off wavelength, 05/05/2023

Flat Panel Display Devices (TC 110)

110/1514/CD, IEC 62908-42-10 ED1: Touch and interactive displays - Part 42-10: Measurement methods of motion-tracking image-control response time for interactive projection display, 05/19/2023

110/1515/FDIS, IEC 62977-3-9 ED1: Electronic displays - Part 3-9: Evaluation of optical performance - Display sparkle contrast, 05/05/2023

110/1512/CD, IEC 63211-2-23 ED1: Durability test methods for electronic displays - Part 2-23: Environmental tests - Outdoor weathering, 05/19/2023

110/1513/NP, PNW 110-1513 ED1: Future 62629-41-2: 3D Display Devices - Part 41-2: Measurement methods of holographic display -Visible resolution and monochromatic speckle contrast, 05/19/2023

High-voltage testing techniques (TC 42)

42/414/CDV, IEC 60060-1 ED4: High-voltage test techniques - Part 1: General definitions and test requirements, 06/16/2023

Industrial-process measurement and control (TC 65)

65B/1228(F)/FDIS, IEC 60534-1 ED4: Industrial-process control valves - Part 1: Control valve terminology and general considerations, 04/07/2023

65B/1231/CD, IEC 61514 ED2: Industrial-process control systems - Methods of evaluating the performance of valve positioners with pneumatic outputs, 06/16/2023

65B/1232/CD, IEC 61514-2 ED3: Industrial process control systems - Part 2: Methods of evaluating the performance of intelligent valve positioners with pneumatic outputs mounted on an actuator valve assembly, 06/16/2023

Instrument transformers (TC 38)

38/718(F)/FDIS, IEC 61869-1 ED2: Instrument transformers - Part 1: General requirements, 04/14/2023

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

106/599/CDV, IEC 61786-1/AMD1 ED1: Amendment 1 - Measurement of DC magnetic, AC magnetic and AC electric fields from 1 Hz to 100 kHz with regard to exposure of human beings - Part 1: Requirements for measuring instruments, 06/16/2023

106/600/CDV, IEC/IEEE 62704-1 ED2: Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communications devices, 30 MHz to 6 GHz - Part 1: General requirements for using the finite difference time-domain (FDTD) method for SAR calculations, 06/16/2023

Nanotechnology standardization for electrical and electronic products and systems (TC 113)

113/756/DTS, IEC TS 62607-6-4 ED2: Nanomanufacturing - Key control characteristics - Part 6-4: Graphene-based materials - Surface conductance: microwave resonant cavity method, 06/16/2023

Nuclear instrumentation (TC 45)

45A/1477/CD, IEC 63423 ED1: Nuclear Power Plants - Instrumentation and control systems important to safety - Cable assemblies for Harsh Environment Purposes, 06/16/2023

Power system control and associated communications (TC 57)

57/2583/CD, IEC 62351-7 ED2: Power systems management and associated information exchange - Data and communications security - Part 7: Network and System Management (NSM) data object models, 06/16/2023

57/2585/CD, IEC 62746-4 ED1: Systems interface between customer energy management system and the power management system - Part 4: Demand Side Resource Interface, 06/16/2023

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

116/655(F)/FDIS, IEC 63241-1 ED1: Electric motor-operated tools - Dust measurement procedure - Part 1: General requirements, 04/28/2023

Safety of machinery - Electrotechnical aspects (TC 44)

44/1000/FDIS, IEC 60204-32 ED3: Safety of machinery - Electrical equipment of machines - Part 32: Requirements for hoisting machines, 05/05/2023

Secondary cells and batteries (TC 21)

21A/831/CDV, IEC 63338 ED1: General guidance on reuse and repurposing of secondary cells and batteries, 06/16/2023

Semiconductor devices (TC 47)

47E/803(F)/CDV, IEC 60747-16-9 ED1: Semiconductor devices - Part 16-9: Microwave integrated circuits - Phase shifters, 05/26/2023

47F/428/CDV, IEC 62047-43 ED1: Semiconductor devices - Micro-electromechanical devices - Part 43: Test method of electrical characteristics after cyclic bending deformation for flexible micro-electromechanical devices, 06/16/2023

Small power transformers and reactors and special transformers and reactors (TC 96)

96/577/FDIS, IEC 61558-2-3 ED3: Safety of transformers, reactors, power supply units and combinations thereof - Part 2-3: Particular requirements and tests for ignition transformers for gas and oil burners, 05/05/2023

Solar photovoltaic energy systems (TC 82)

82/2127(F)/FDIS, IEC 60904-2 ED4: Photovoltaic devices - Part 2: Requirements for photovoltaic reference devices, 04/14/2023

Solar thermal electric plants (TC 117)

117/178/NP, PNW 117-178 ED1: Solar thermal electric plants - Part 2-2: Thermal energy storage systems - Technical requirements for molten salt used as heat storage and heat transfer medium., 06/16/2023

Standard voltages, current ratings and frequencies (TC 8)

8B/166/NP, PNW TS 8B-166 ED1: Microgrids - Technical requirements - Testing for Microgrid Monitoring, Control, and Energy Management Systems, 06/16/2023

Switchgear and controlgear (TC 17)

17/1137/CD, IEC TS 62271-320 ED1: High-voltage switchgear and controlgear - Part 320: Environmental aspects and life cycle assessment rules, 06/16/2023

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

121B/177/FDIS, IEC 62208 ED3: Empty enclosures for low-voltage switchgear and controlgear assemblies - General requirements, 05/05/2023

SyC

SyCSmartCities/290/DTS, IEC SRD 63273-1 ED1: Systems Reference Deliverable (SRD) - Use Case Collection and Analysis: City Information Modelling - Part 1: High Level Analysis, 06/16/2023

SyCAAL/292/CD, IEC SRD 63408 ED1: Safety Aspects - Guideline for Adult AAL Care Recipients in standards and other specifications, 06/16/2023



Newly Published ISO & IEC Standards

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

ISO Standards

Brand evaluation (TC 289)

[ISO 20671-2:2023](#), Brand evaluation - Part 2: Implementation and reporting, \$157.00

Doors and windows (TC 162)

[ISO 6613:2023](#), Windows and doors - Air permeability - Test method, \$116.00

Facilities management (TC 267)

[ISO 41015:2023](#), Facility management - Influencing organizational behaviours for improved facility outcomes, \$157.00

Fluid power systems (TC 131)

[ISO 16028:2023](#), Hydraulic fluid power - Dimensions and requirements of quick-action couplings, flush-face type, \$51.00

Gas turbines (TC 192)

[ISO 3977-2:2023](#), Gas turbines - Procurement - Part 2: Standard reference conditions and ratings, \$51.00

Geotechnics (TC 182)

[ISO 22476-5:2023](#), Geotechnical investigation and testing - Field testing - Part 5: Prebored pressuremeter test, \$210.00

Industrial automation systems and integration (TC 184)

[ISO 8000-117:2023](#), Data quality - Part 117: Application of ISO 8000-115 to identifiers in distributed ledgers including blockchains, \$77.00

Industrial trucks (TC 110)

[ISO 22915-10:2023](#), Industrial trucks - Verification of stability - Part 10: Additional stability test for trucks operating in the special condition of stacking with load laterally displaced by powered devices, \$51.00

[ISO 22915-20:2023](#), Industrial trucks - Verification of stability - Part 20: Additional stability test for trucks operating in the special condition of offset load, offset by utilization, \$51.00

Internal combustion engines (TC 70)

[ISO 4548-14:2023](#), Methods of test for full-flow lubricating oil filters for internal combustion engines - Part 14: Hydraulic pulse durability for composite filter housings, \$77.00

Personal safety - Protective clothing and equipment (TC 94)

[ISO 16976-7:2023](#), Respiratory protective devices - Human factors - Part 7: Hearing and speech, \$116.00

Plastics (TC 61)

[ISO 527-4:2023](#), Plastics - Determination of tensile properties - Part 4: Test conditions for isotropic and orthotropic fibre-reinforced plastic composites, \$183.00

Powder metallurgy (TC 119)

[ISO 4491-1:2023](#), Metallic powders - Determination of oxygen content by reduction methods - Part 1: General guidelines, \$51.00

Safety of toys (TC 181)

[ISO 8124-3:2020/Amd 1:2023](#), - Amendment 1: Safety of toys - Part 3: Migration of certain elements - Amendment 1: Limits for boron and other elements in slime, and barium in modelling clay, \$22.00

Ships and marine technology (TC 8)

[ISO 15370:2021/Amd 1:2023](#), - Amendment 1: Ships and marine technology - Low-location lighting (LLL) on passenger ships - Arrangement - Amendment 1, \$22.00

Tractors and machinery for agriculture and forestry (TC 23)

[ISO 24649:2022/Amd 1:2023](#), - Amendment 1: Agricultural irrigation equipment - Manually and hydraulically operated plastics valves - Amendment 1, \$22.00

ISO Technical Reports

Ergonomics (TC 159)

[ISO/TR 9241-100:2023](#), Ergonomics of human-system interaction - Part 100: Overview of ISO 9241 software ergonomic standards, \$157.00

Terminology (principles and coordination) (TC 37)

[ISO/TR 21636-2:2023](#), Language coding - A framework for language varieties - Part 2: Description of the framework, \$116.00

ISO Technical Specifications

Geosynthetics (TC 221)

[ISO/TS 18198:2023](#), Determination of long-term flow of geosynthetic drains, \$157.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 4005-1:2023](#), Telecommunications and information exchange between systems - Unmanned aircraft area network (UAAN) - Part 1: Communication model and requirements, \$157.00

[ISO/IEC 4005-2:2023](#), Telecommunications and information exchange between systems - Unmanned aircraft area network (UAAN) - Part 2: Physical and data link protocols for shared communication, \$237.00

[ISO/IEC 4005-3:2023](#), Telecommunications and information exchange between systems - Unmanned aircraft area network (UAAN) - Part 3: Physical and data link protocols for control communication, \$237.00

[ISO/IEC 4005-4:2023](#), Telecommunications and information exchange between systems - Unmanned aircraft area network (UAAN) - Part 4: Physical and data link protocols for video communication, \$237.00

IEC Standards

Electrical accessories (TC 23)

[IEC 61535 Ed. 3.0 b:2023](#), Installation couplers intended for permanent connection in fixed installations, \$367.00

[IEC 62606 Amd.2 Ed. 1.0 b Cor.1:2023](#), Corrigendum 1 - Amendment 2 - General requirements for arc fault detection and protection devices (AFDDs), \$0.00

[S+ IEC 61535 Ed. 3.0 en:2023 \(Redline version\)](#), Installation couplers intended for permanent connection in fixed installations, \$477.00

Industrial-process measurement and control (TC 65)

[IEC 61158-5-2 Ed. 5.0 en:2023](#), Industrial communication networks - Fieldbus specifications - Part 5-2: Application layer service definition - Type 2 elements, \$512.00

[IEC 61158-5-4 Ed. 4.0 en:2023](#), Industrial communication networks - Fieldbus specifications - Part 5-4: Application layer service definition - Type 4 elements, \$417.00

[IEC 61158-6-2 Ed. 5.0 en:2023](#), Industrial communication networks - Fieldbus specifications - Part 6-2: Application layer protocol specification - Type 2 elements, \$512.00

[IEC 61158-6-4 Ed. 4.0 en:2023](#), Industrial communication networks - Fieldbus specifications - Part 6-4: Application layer protocol specification - Type 4 elements, \$329.00

[IEC 61784-1-0 Ed. 1.0 b:2023](#), Industrial networks - Profiles - Part 1-0: Fieldbus profiles - General concepts and terminology, \$95.00

[IEC 61784-1-9 Ed. 1.0 b:2023](#), Industrial networks - Profiles - Part 1-9: Fieldbus profiles - Communication Profile Family 9, \$95.00

[IEC 61158-5-10 Ed. 5.0 en:2023](#), Industrial communication networks - Fieldbus specifications - Part 5-10: Application layer service definition - Type 10 elements, \$512.00

[IEC 61158-6-10 Ed. 5.0 en:2023](#), Industrial communication networks - Fieldbus specifications - Part 6-10: Application layer protocol specification - Type 10 elements, \$512.00

[IEC 61158-6-23 Ed. 3.0 en:2023](#), Industrial communication networks - Fieldbus specifications - Part 6-23: Application layer protocol specification - Type 23 elements, \$512.00

[IEC 61158-6-24 Ed. 2.0 en:2023](#), Industrial communication networks - Fieldbus specifications - Part 6-24: Application layer protocol specification - Type 24 elements, \$481.00

[IEC 61158-6-28 Ed. 1.0 b:2023](#), Industrial communication networks - Fieldbus specifications - Part 6-28: Application layer protocol specification - Type 28 elements, \$190.00

[IEC 61784-1-16 Ed. 1.0 b:2023](#), Industrial networks - Profiles - Part 1-16: Fieldbus profiles - Communication Profile Family 16, \$95.00

[IEC 61784-1-19 Ed. 1.0 b:2023](#), Industrial networks - Profiles - Part 1-19: Fieldbus profiles - Communication Profile Family 19, \$417.00

Performance of household electrical appliances (TC 59)

[IEC 61591 Ed. 3.0 b:2023](#), Cooking fume extractors - Methods for measuring performance, \$278.00

[IEC 61591 Ed. 3.0 en:2023 CMV](#), Cooking fume extractors - Methods for measuring performance, \$474.00

International Organization for Standardization (ISO)

ISO New Work Item Proposal

Guidelines for auditing management systems

Comment Deadline: April 21, 2023

The American Society for Quality (ASQ), intends to submit to ISO a New Work Item Proposal to revise ISO 19011:2018 *Guidelines for auditing management systems*, with the following scope statement:

This document provides guidance on auditing management systems, including the principles of auditing, managing an audit programme and conducting management system audits, as well as guidance on the evaluation of competence of individuals involved in the audit process. These activities include the individual(s) managing the audit programme, auditors and audit teams. It is applicable to all organizations that need to plan and conduct internal or external audits of management systems or manage an audit programme. The application of this document to other types of audits is possible, provided that special consideration is given to the specific competence needed.

If approved, the Project Committee ISO/PC 302 would be re-activated.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org) with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 21, 2023.

ISO Proposal for a New Field of ISO Technical Activity

Specialty metals and minerals

Comment Deadline: April 10, 2023

AFNOR, the ISO member body for France, has submitted to ISO a proposal for a new field of ISO technical activity on Specialty metals and minerals, with the following scope statement:

Standardization in the field of specialty metals and minerals. It includes: terminology, classification, sampling, testing and chemical analysis methods, and delivery conditions.

A list of specialty metals and minerals is included as follows: antimony, beryllium, cobalt, chromium, graphite, niobium, platinum group metals.

Excluded:

- Finished products;
- Sustainability issues;
- Mining, already covered by ISO/TC 82 "Mining";
- Elements already covered by existing ISO technical committees: ISO/TC 18 "Zinc and zinc alloys", ISO/TC 20/SC 18 "Materials" (under ISO/TC 20 "Aircraft and space vehicles"), ISO/TC 26 "Copper and copper alloys", ISO/TC 79 "Light metals" (aluminum, titanium, magnesium), ISO/TC 132 "Ferroalloys" (manganese, chrome in ferroalloys), ISO/TC 155 "Nickel and nickel alloys", ISO/TC 183 "Copper, lead, zinc and nickel ores and concentrates", ISO/TC 298 "Rare earth", ISO/TC 333 "Lithium".

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Monday, April 10, 2023.

Meeting Notices (International)

ANSI Accredited U.S TAG to ISO

JTC 1/SC 36, Information technology for learning, education and training

Establishment of a New Technical Committee INCITS/Education - Zoom on Tuesday, May 23, 2023 Meeting Notice and Call for Members

At the March 2023 INCITS Executive Board meeting, a new Technical Committee (TC), INCITS/Education, was established. The TC will serve as the **U.S. TAG to ISO/IEC JTC 1 Subcommittee 36 - Information Technology for Learning, Education and Training**.

The scope of work is standardization in the field of information technologies for learning, education, and training to support individuals, groups, or organizations, and to enable interoperability and reusability of resources and tool.

Excluded from this scope are:

- standards or technical reports that define educational standards (competencies), cultural conventions, learning objectives, or specific learning content.
- work done by other ISO or IEC TCs, SCs, or WGs with respect to their component, specialty, or domain. Instead, when appropriate, normative or informative references to other standards shall be included. Examples include documents on special topics such as multimedia, web content, cultural adaptation, and security.

RSVPs for the meeting should be submitted to Bill Ash (bash@itic.org) as soon as possible.

Organizational Meeting – Tuesday, May 23, 2023. The organizational meeting of the new TC on INCITS/Education will be held electronically via **Zoom on Tuesday, May 23, 2023** (1:00 PM to 4:00 PM (Eastern) / 10:00 AM to 1:00 PM (Pacific)).

Membership – Membership in INCITS is open to all directly and materially interested parties who return a signed INCITS Membership Agreement and pay the applicable service fees. For more information, click [here](#).

Calls for Participation/Experts

ANSI Accredited U.S TAG to ISO

TC 23 - Tractors and machinery for agricultural and forestry

ASABE Invites Participation in Revision of International Standards for Milking Machinery

A proposal is underway to combine four international standards for *milking machinery* into a single document. Those with a material interest in the subject matter are encouraged to become involved in the project.

The work is being conducted through the **International Organization for Standardization (ISO)**. U.S. participation is coordinated by the **American Society of Agricultural and Biological Engineers (ASABE)**, through its technical committee for milking machinery.

Those in the U.S. who wish to follow the progress of the project, provide expert review and feedback, or engage in the drafting of the document revisions are asked to contact Jean Walsh, ASABE standards administrator. Individuals located outside of the U.S. should contact their national standards body for additional participation information. Over the past thirty years ASABE has worked with ISO to harmonize internationally accepted milking-machine standards. Standards developed separately by ISO and ASABE were harmonized in the 1990s, drawing upon the best aspects of each document, to produce the ISO standards in use today. Since that time, these organizations have continued to work together to refine and update the international standards.

In the ISO standards-development system, participating countries may cast one vote at each stage of the development process and can choose to approve, disapprove, or abstain. Each country also has the opportunity to review drafts of the revision and offer comments for improvement or change. Participation is open to any materially interested party through member standards organizations around the world.

ASABE is recognized worldwide as a standards developing organization for food, agricultural, and biological systems, with more than 280 standards currently in publication. Conformance to ASABE standards is voluntary, except where required by state, provincial, or other governmental requirements, and the documents are developed by consensus in accordance with procedures approved by the American National Standards Institute.

For information on this or any other ASABE standard, contact Scott Cedarquist at 269-932-7031, cedarq@asabe.org. A current listing of all ASABE standards projects can be found on the ASABE web site at www.asabe.org/projects. ASABE is an international scientific and educational organization dedicated to the advancement of engineering applicable to agricultural, food, and biological systems. Further information on the Society can be obtained by contacting ASABE at (269) 429-0300, emailing hq@asabe.org or visiting www.asabe.org/.

Registration of Organization Names in the United States

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

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

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

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

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

Online Resources:

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

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

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

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

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

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

Comment guidance:

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

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

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

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

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

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

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

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

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

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

ASSE Standard #1003/CSA B356:xx
ASSE Board Approved:
ANSI Approved:

DRAFT STANDARD

ASSE 1003-22/CSA B356:22

Water pressure reducing valves for potable water distribution systems

4.2.10.5

Connections achieved by press connect fittings shall comply with ASME B16.51 or IAPMO/ANSI/CAN Z1117.

4.2.10.6

Connections achieved by PEX fittings shall comply with ASTM F1807 or F1960.

4.2.10.7

Types of thread or end connections other than those specified in [Clauses 4.2.10.1 to 4.2.10.6](#) shall conform to the appropriate North American nationally recognized Standards.

5 Performance requirements**5.1 Test conditions**

~~Unless otherwise specified, the water temperature for all tests shall be 20 ± 15 °C (68 ± 27 °F), except for the temperature range test specified in Clause 5.5, which shall be performed at a water temperature of 60 ± 10 °C (140 ± 18 °F). The high temperature device testing shall be performed at the manufacturer's rated temperature for Clause 5.5.~~

5.2 Strainers

Where a manufacturer provides an attached strainer to the inlet of the device, or where a strainer is integral to the device, tests shall be conducted on the combined unit.

5.3 Seal performance and internal leakage test**5.3.1 Purpose**

The purpose of this test is to determine if the device is capable of withstanding an initial pressure of 1724 kPa (250 psi), or the manufacturer's rated pressure, whichever is higher, at its inlet and a minimum pressure on the reduced pressure side without causing internal leakage.

5.3.2 Procedure

Testing shall be conducted as follows:

- a) Adjust the adjusting screw's position for minimum spring compression.
- b) Install the device per Figure 1.
- ~~c) The water temperature shall be maintained as per Clause 5.1.~~
- ~~e)d)~~ With both valve No. 1 and valve No. 2 open, open the supply valve filling the system and purge it of air.
- ~~e)e)~~ Close valve No. 1 and valve No. 2 and raise the supply pressure to 1724 kPa \pm 34 kPa (250 psi \pm 5 psi) or the manufacturer's rated pressure, whichever is higher, as indicated by gauge No. 1.
- ~~e)f)~~ Observe and record the pressure indicated by gauge No. 2. The pressure indicated by gauge No. 2 shall be observed for any notable rise, which would be evidence of internal leakage or distortion of parts.
- ~~f)g)~~ Open valve No. 1 to maintain a pressure of 1724 kPa \pm 34 kPa (250 psi \pm 5 psi) or the manufacturer's rated pressure, whichever is higher, for not less than five (5) minutes. The device and its components shall be observed for leaks or distortion.

Table 1
Minimum flow rates — Temperature range testing
 (See Clause 5.5.2.)

Size of device, in (DN)	Minimum flow rate, L/ min (GPM)
1/2 (15)	19 (5.0)
3/4 (20)	26 (6.9)
1 (25)	30 (7.9)
1-1/4 (32)	34 (9.0)
1-1/2 (40)	38 (10.0)
2 (50)	57 (15.1)
2-1/2 (65)	95 (25.1)
3 (80)	114 (30.1)
4 (100)	170 (44.9)

Table caption: Minimum flow rate in litres per minute for each size of device in inches. Minimum flow rate in GPM and size of device in DN are provided in parentheses.

5.5.3 Criteria

Any indication of change in physical characteristics of the materials which would prevent full compliance with all the remaining requirements of this Standard shall result in a rejection of the device.

5.6 Reduced pressure deviation test

5.6.1 Purpose

The purpose of this test is to determine the ability of the device to control the reduced pressure as set 345 kPa (50 psi) with changes in the supply pressure.

5.6.2 Procedure

Testing shall be conducted as follows:

- a) Install the device in accordance with [Figure 3](#), with all valves closed except orifice valve No. 5. The orifice shall be 1.6 mm (1/16 in) in diameter.
- b) ~~The water temperature shall be maintained as per Clause 5.1. The water temperature shall be maintained at 60 °C (140 °F) for cold water devices or the manufacturer's maximum rated temperature for hot water devices, with a temperature tolerance of +2.8 °C (+5 °F).~~
- c) Open supply valve No. 3 and adjust the supply pressure to maintain 690 ± 34 kPa (100 ± 5 psi).
- d) Adjust the device to deliver a reduced pressure of 345 ± 34 kPa (50 ± 5 psi), as indicated by gauge No. 4.
- e) Increase the supply pressure to 1034 ± 34 kPa (150 ± 5 psi) and record the reduced pressure after 1 minute.
- f) Then lower the supply pressure to 345 ± 34 kPa (50 ± 5 psi) and record the reduced pressure after 1 minute.

Table 2
Minimum flow rates — Capacity and minimum reduced flowing pressure testing
 (See Clauses 5.7.1, 5.7.2, 5.9.1, and 5.9.3.)

Size of device, in (DN)	Minimum flow rate, L/ min (GPM)
1/2 (15)	38 (10.0)
3/4 (20)	63 (16.6)
1 (25)	95 (25.1)
1-1/4 (32)	160 (42.3)
1-1/2 (40)	207 (54.7)
2 (50)	293 (77.4)
2-1/2 (65)	379 (100.1)
3 (80)	946 (249.9)
4 (100)	1325 (350.0)

Table caption: Minimum flow rate in litres per minute for each size of device in inches. Minimum flow rate in GPM and size of device in DN are provided in parentheses.

5.7.3 Criteria

Failure to attain a reduced flowing pressure of 172 kPa (25 psi) or less [as allowed if tested in accordance with Clause 5.7.2 e)] shall result in a rejection of the device.

5.8 Reduced pressure adjustment range test

5.8.1 Purpose

The purpose of this test is to determine if the device has a full range of reduced pressure adjustment greater than or equal to 172 kPa (25 psi).

5.8.2 Procedure

Testing shall be conducted as follows:

- Install the device in accordance with [Figure 3](#), with all valves closed except orifice valve No. 5. The orifice shall be 1.6 mm (1/16 in) in diameter.
- ~~The water temperature shall be maintained as per Clause 5.1. The water temperature shall be maintained at 60 °C (140 °F) for cold water devices or the manufacturer's maximum rated temperature for hot water devices, with a temperature tolerance of + 2.8 °C (+ 5 °F).~~
- Open supply valve No. 3 and maintain a supply pressure of 690 ± 34 kPa (100 ± 5 psi).
- Adjust the device to determine the maximum reduced pressure and record after 1 minute.
- Adjust the device to determine the minimum reduced pressure and record after 1 minute.
- Record the difference between the maximum and minimum reduced pressures.

BSR/UL 486C, Standard for Safety for Spicing Wire Connectors

1. The Proposed Eighth Edition of The Standard for Splicing Wire Connectors, UL 486C

PROPOSAL

2.1.1 ANCE Standards

NMX-J-192-ANCE

~~Electrical Products~~— *Wires and Cables – Flame Test on Electrical ~~Wires~~ Cables – Test Methods*

NMX-J-417-ANCE

Wires and Cables – Forced-Convection Laboratory Air Ovens for Evaluation of ~~Electrical Insulation~~ Polymeric Materials Used in Cables, Electrical Equipment and Devices – Specifications and Test Methods

NMX-J-508-ANCE

~~Electrical Fittings~~ Wiring Devices – *Safety Requirements – Specifications and Test Methods*

9.1.1.1 Temperatures shall be measured by thermocouples consisting of conductors not larger than 24 AWG (0.21 mm²) and not smaller than 30 AWG (0.005 mm²).

9.6.1 For other than a connector as described in 9.6.2, the insulation of a connector shall be subjected to a direct pull of 89 N (20 lbf). The force shall be applied for 1 min between the insulation and the connector.

9.6.3 The test shall consist of applying:

a) A 4.4 N (1-lbf) pull on the following:

- 1) Unassembled, as-received specimens; and
- 2) Unassembled specimens after conditioning for 168 h at 100 ± 1 °C in an air-circulating oven; cooling to room temperature; and, if made of a hygroscopic material such as nylon, conditioning for 24 h at a relative humidity of 85 ± 5% and a temperature of 30 ± 2 °C; and

b) A 22 N (5-lbf) pull on the following:

- 1) Assembled as-received specimens;
- 2) Specimens that have been assembled to a conductor and then subjected to the oven conditioning in accordance with Table 21; and
- 3) Specimens that have been assembled to a conductor after conditioning for 168 h at 100 ± 1 °C in an air-circulating oven, cooling to room temperature, and, if made of a hygroscopic material such as nylon, conditioning for 24 h at a relative humidity of 85 ± 5% and a temperature of 30 ± 2 °C.

9.14.1 Each test specimen shall be subjected to a minimum direct pull of 44.5 N (10 lbf) for 1 min between the separable insulating parts of insulation in the direction most likely to cause separation.

Table 19
Secureness test values
 (Clauses 9.3.2.2, 9.3.2.3, and 9.3.2.5)

Size of conductor		Diameter of bushing hole ^a c		Height ^b		Mass, kg (lb)			
AWG (mm ²)	mm ²	mm	(in)	mm	(in)	Copper		Aluminum/ Copper-clad aluminum	
18 (0.82)	=	6.4	(1/4)	260	(10-1/4)	0.9	(2)	–	–
–	1.0	6.4	(1/4)	260	(10-1/4)	0.9	(2)	–	–
16 (1.3)	=	6.4	(1/4)	260	(10-1/4)	0.9	(2)	–	–
–	1.5	6.4	(1/4)	260	(10-1/4)	0.9	(2)	–	–
14 (2.1)	=	9.5	(3/8)	279	(11)	1.4	(3)	–	–
–	2.5	9.5	(3/8)	279	(11)	1.4	(4)	–	–
12 (3.3)	=	9.5	(3/8)	279	(11)	2.3	(5)	0.7	(1.5)
–	4	9.5	(3/8)	279	(11)	2.3	(5)	0.7	(1.5)
10 (5.3)	=	9.5	(3/8)	279	(11)	2.3	(5)	0.7	(1.5)
–	6	9.5	(3/8)	279	(11)	2.6	(5.75)	0.86	(2)
8 (8.4)	=	9.5	(3/8)	279	(11)	3.6	(8)	1.4	(3)
–	10	9.5	(3/8)	279	(11)	5.0	(11)	2.4	(5.25)
6 (13.3)	=	12.7	(1/2)	298	(11-3/4)	8.2	(18)	4.5	(10)

^a A slightly larger diameter bushing, or lubrication, or both, may be used to ensure there is no binding, twisting, or rotation of the conductor. See 9.3.2.2.

^b For 12 – 6 AWG (3.3 – 13.3 mm²) aluminum and copper-clad aluminum conductor, use 318 mm (12-1/2 in).

^c Bushing tolerance of ±0.8 mm (±1/32 in)

Table 20
Pullout test values
 (Clauses 9.3.4.1 and 9.3.4.4)

Size of conductor		Pullout force	
AWG (mm ²)	mm ²	N	(lb)
30 (0.05)	=	6.7	(1-1/2)
28 (0.08)	=	8.9	(2)
26 (0.13)	=	13.4	(3)
24 (0.20)	=	22.3	(5)
22 (0.32)	=	35.6	(8)

Size of conductor		Pullout force	
AWG (mm ²)	mm ²	N	(lb)
–	0.5	43.6	(9.8)
20 (0.52)	=	44.5	(10)
–	0.75	44.5	(10)
18 (0.82)	=	44.5	(10)
–	1.0	52.8 53.4	(12)
16 (1.3)	=	66.7	(15)
–	1.5	77.8	(17.5)
14 (2.1)	=	111	(25)
–	2.5	125.7 124.6	(28)
12 (3.3)	=	155	(35)
–	4	163	(36.5)
10 (5.3)	=	178	(40)
–	6	183	(41)
8 (8.4)	=	200	(45)
–	10	207	(46.5)
6 (13.3)	=	222	(50)

Annex A – Informative references

(Informative)

(Clause 2.2.1)

A.1 The following references contain information on conductors and materials in this Standard. Where reference is made to any Standards, such reference shall be considered to refer to the latest editions and revisions thereto available at the time of printing, unless otherwise specified.

ANCE Standards

NMX-J-032-ANCE

Wires and Cables – Concentric Lay Stranded Aluminum ~~Cable~~ [1350 Alloy Conductors](#) for Electrical Purposes – Specifications

NMX-J-218-ANCE

~~Electrical Products~~ – Wires and Cables – Aluminum [Alloy](#) 1350 Drawing Stock for Electrical Purposes – Specifications

NMX-J-532-ANCE

~~Electrical Products~~ – Wires and Cables – AA-8000 Series Aluminum Alloy Wires [with Annealed or Intermediate Tempers](#) – Specifications

NMX-J-533-ANCE

Wires and Cables – AA-8000 Series Aluminum Alloy ~~Cables~~ [Concentric-Lay Stranded Conductors with Annealed or Intermediate Tempers](#) – Specifications

ULSE Inc. copyrighted material. Not authorized for further reproduction without permission from ULSE Inc.

BSR/UL 486A-486B, Standard for Safety for Wire Connectors**3. Revisions to Clarify Requirements Associated with Copper-Clad Aluminum and Revise Standard for Clarity and Usability****PROPOSAL**

7.2.2 The current-cycling test shall be completed without any connector exceeding the following temperature rise for any recorded cycle:

- a) Tests conducted with aluminum [or copper-clad aluminum](#) wire with AA-1350 alloy conductors shall not exceed a 125°C temperature rise above the ambient temperature.
- b) Tests conducted with aluminum [or copper-clad aluminum](#) wire with AA-8000 alloy conductors shall not exceed a 115°C temperature rise above the ambient temperature.
- c) Tests conducted with copper wire shall not exceed a 125°C temperature rise above the ambient temperature.

7.2.3 The stability factor "Si" (see 7.2.4) shall not exceed the following for connector temperature measurements taken at approximately 25, 50, 75, 100, 125, 175, 225, 275, 350, 425, and 500 cycles:

- a) Tests conducted with aluminum [or copper-clad aluminum](#) wire with AA-1350 alloy conductors shall not exceed a stability factor of ± 10 .
- b) Tests conducted with aluminum [or copper-clad aluminum](#) wire with AA-8000 alloy conductors shall not exceed a stability factor of ± 8 .
- c) Tests conducted with copper wire shall not exceed a stability factor of ± 10 .

7.3.1 The specimen sets shall carry continuously the value of 60 Hz test current specified in [Table 7](#) or [Table 8](#) for the conductor size being tested until stable temperatures are reached without exceeding a 50°C temperature rise above ambient temperature. For a splicing wire connector involving two different conductor sizes, the test current shall be based on the lesser current dictated by the two different conductor sizes.

Note 1: The temperature rise on an ampere-rated connector may exceed 50°C when the connector, as used in the intended equipment application, does not exceed the maximum allowable temperature rise permitted for the end-use application.

Note 2: A current source may be maintained at or above the required value by regulation or frequent adjustment.

Note 3: When testing with aluminum [or copper-clad aluminum](#) conductors, testing may be conducted with either AA-1350 or AA-8000 conductors, with the same allowed temperature rise.

Table 15
Conductor materials
(Clauses [7.2.2](#), [9.1.5.1](#) and [9.1.5.3](#))

		AWG or kcmil (mm ²)	Test and control conductors shall be as follows:
Aluminum	Solid	12 (3.31) / 4.0 mm ² and larger	Aluminum wire stock for use as an electrical conductor
	Stranded ^b	12 – 3 (3.31 – 26.7) / 4.0 – 25.0 mm ²	AA-1350 or AA-8000 conductors. The stranding shall be Class B, SIW, or IEC Class 2 with compact, compressed or concentric stranding
		2 AWG – 1 000 (33.6 – 507) / 35 – 500 mm ²	AA-1350 or AA-8000 conductors. The stranding shall be Class B, SIW, or IEC Class 2 with compact, compressed or concentric stranding

		AWG or kcmil (mm ²)	Test and control conductors shall be as follows:
		Larger than 1 000 (507) / 500 mm ²	AA-1350 or AA-8000 conductors. The stranding shall be Class B, SIW, or IEC Class 2 with compact, compressed, or concentric stranding
Copper	Solid	30 – 16 (0.05 – 1.31) / 1.5 mm ²	Soft annealed, tinned or untinned
		14 (2.08) / 2.5 mm ² and larger	Soft annealed and untinned
	Stranded	30 – 16 (0.05 – 1.31) / 1.5 mm ²	Soft annealed, tinned or untinned
		14 (2.08) / 2.5 mm ² and larger	Soft annealed, tinned or untinned. The stranding shall be concentric or compressed Class B, concentric Class C _a , or IEC Class 2.
Copper-clad aluminum	Solid	12 AWG / 4 mm ² (3.31) and larger	Aluminum core shall be wire stock for use as an electrical conductor, the copper-clad shall be S soft annealed and untinned
	Stranded	12 AWG / 4 mm ² (3.31) and larger	Aluminum core shall be AA-1350 or AA-8000 conductors, the copper-clad shall be S soft annealed, tinned or untinned. The stranding shall be concentric or compressed Class B or concentric Class C
<p>a In Canada and Mexico, 8 AWG (8.4 mm²) / 10 mm² and larger compact-stranded copper conductors shall be used.</p> <p>b The hardness of the alloy and iron content is not specified.</p>			

5. Corrections and Clarifications to UL 486A-486B

PROPOSAL

A.1 The following references contain information on conductors and materials in this Standard.

ANCE Standards

NMX-J-032-ANCE

Wires and Cables – Concentric Lay Stranded Aluminum 1350 ~~Cable~~ [Alloy Conductors](#) for Electrical Purposes – Specifications

NMX-J-218-ANCE

~~*Electrical Products – Wires and Cables – Aluminum Alloy 1350 Drawing Stock for Electrical Purposes – Specifications*~~

NMX-J-532-ANCE

~~*Electrical Products – Wires and Cables – AA-8000 Series Aluminum Alloy Wires with Annealed or Intermediate Tempers – Specifications*~~

B.2 Reference Publications

ANCE Standards

NMX-J-192-ANCE

~~*Electrical Products – Wires and Cables – Flame Test on Electrical Cables – Test Methods*~~

NMX-J-417-ANCE

Wires and Cables – ~~Convection Laboratory Ovens for Evaluation of Electrical Insulation~~ [Forced-Convection Air Ovens for Evaluation of Polymeric Materials used in Cables, Electrical Equipment and Devices](#) – Specifications and Test Methods

6. Thermal Testing with Insulation Colors Other Than Black

PROPOSAL

9.1.5.7 When performing the Current-Cycling and Static-Heating Tests, the insulation for conductors shall be black, or if a comparison measurement is made in accordance with ~~9.1.5.7.4~~ [9.1.5.7A](#) and an adjustment factor is included in the temperature rise limit, insulation color other than black shall be allowed.

ULSE Inc. copyrighted material. Not authorized for further reproduction without permission from ULSE Inc.

BSR/UL 1574, Standard for Safety for Track Lighting Systems

1. Wiring smaller than 18 AWG

PROPOSAL

12.3 A conductor for a luminaire assembly (including bonding and grounding conductors) shall be no smaller than 18 AWG (0.82 mm²), except as noted in 12.3A – 12.3C.

Exception: Wire smaller than 18 AWG may be used if connected to a Class 2 circuit.

12.3A Current-carrying conductors within a Class 2 circuit are permitted to be smaller than 18 AWG (0.82 mm²).

12.3B Current-carrying conductors smaller than 18 AWG (0.82 mm²), but not smaller than 24 AWG (0.21 mm²), are permitted when the conductors are:

- a) completely enclosed;
- b) not subject to movement under normal use; and
- c) in the secondary of a transformer or on the load side of a circuit containing solid-state devices.

Note: The term 'solid-state devices' refers to semiconductor devices such as transistors, diodes, and integrated circuits (ICs). A circuit containing solid-state devices is not necessarily isolated.

12.3C With regard to 12.3B, such conductors are permitted within a movable joint when:

- a) The conductors comply with the criteria in 12.3B (a) and 12.3B (c); and
- b) the joint complies with the Movable Joint Cycling test in 75A.

75A Movable Joint Cycling

75A.1 A movable joint described in 12.6 shall be capable of withstanding 500 cycles of motion, linear or rotational, without damage to the conductors or to their insulation. One cycle shall consist of moving the part to the maximum extent possible in one direction and back again, then to the maximum extent possible in the opposite direction and back again.

75A.2 The results meet the intent of the requirement if there is no damage to the conductors or their insulation after 500 cycles of movement.

ANSI/TIA-568.5 Substantive Changes

- a. Section 2 - Normative reference deleted: "~~IEC 61156-14, Multicore and symmetrical pair/quad cables for digital communications – Part 14: Single pair 418 (flexible) cables related to IEC 61156-13 draft~~"
- b. Section 5.3 – shall statement revised: "Horizontal cables shall comply with the mechanical performance requirements, testing and test 549 methods in IEC 61156-13 for cables ~~and IEC 61156-14 for cordage.~~"
- c. Section 5.4.1 – shall statement revised: "Cord cables shall comply with the mechanical performance requirements, testing and test 594 methods of IEC ~~61156-14~~ 61156-13."
- d. Section 5.5.1 – shall statement revised: "Connecting hardware shall be protected 607 from physical damage and from direct exposure to moisture or corrosive elements per the requirements of 63171."
- e. Section 5.5.3 – shall statement revised: "Connecting hardware used to terminate to 100 W balanced single twisted-pair cabling shall ~~not result in or 635 contain polarity reversals (also called tip/ring reversals)~~ maintain conductor polarity."
- f. Section 6.3.8 – shall statement revised: "~~For unshielded systems,~~ calculations that result in single pair channel TCL values greater than ~~46~~ 50 dB shall revert to a requirement of ~~46~~ 50 dB minimum."
- g. Section 6.3.8 – shall statement deleted: "~~For shielded systems,~~ calculations that result in single pair channel TCL values greater than ~~37~~ dB shall revert to a requirement of ~~37~~ dB minimum."
- h. Table 9 – channel TCL revised to change the TCL (db) column from "47-15log(f) (TBD)" to "50-20log(f/10)"
- i. Section 6.3.9 – shall statement revised: "~~For unshielded systems,~~ Calculations that result in single pair channel ELTCTL values greater than 46 dB shall revert to a requirement of 46 dB minimum."
- j. Section 6.3.9 – shall statement deleted: "~~For shielded systems~~ ELTCTL values greater than ~~32~~ dB shall revert to a requirement of ~~32~~ dB minimum."
- k. Section 6.5.8 – shall statement revised: "~~For unshielded systems,~~ calculations that result in single pair permanent link TCL values greater than ~~46~~ 50 dB shall revert to a requirement of ~~46~~ 50 dB minimum."
- l. Section 6.5.8 – shall statement deleted: "~~For shielded systems,~~ calculations that result in single pair permanent link TCL values greater than ~~37~~ dB shall revert to a requirement of ~~37~~ dB minimum."
- m. Table 23 permanent link TCL revised to change the TCL (dB) column from "47-15log(f) (TBD)" to "50-20log(f/10)"
- n. Section 6.5.9 – shall statement deleted: "~~For shielded systems,~~ ELTCTL values greater than ~~32~~ dB shall revert to a requirement of ~~32~~ dB minimum."
- o. Section 6.6.7 – shall statement revised: "~~For unshielded systems,~~ calculations that result in single pair UTP cable TCL values greater than 50 dB shall revert to a requirement of 50 dB minimum."

- p. Section 6.6.7 – shall statement deleted: “~~For shielded systems, calculations that result in cable TCL values greater than 40 dB shall revert to a requirement of 40 dB minimum. Compliance to these requirements is intended to be verified by laboratory measurements.~~”
- q. Table 38 Cable TCL revised to change the TCL (dB) column from “50-15log(f)(TBD)” to “53-20log($f/10$)”
- r. Section 6.6.8 – shall statement deleted: “~~For shielded systems, calculations that result in single pair cable ELTCTL values greater than 35 dB shall revert to a requirement of 35 dB minimum.~~”
- s. Section 6.6.10 – shall statement revised: “Cable propagation delay shall meet or be less than $534 + 36/\sqrt{f}$ ns per 100 m the values determined using the equation shown in Table 43 for all specified frequencies.”
- t. New Table 43 Cable propagation delay added