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CONTENTS

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Project Initiation Notification System (PINS)

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

ARESCA (American Renewable Energy Standards and Certification Association)

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New Standard

BSR/ARESCA WE-10-1-202x, Wind energy generation systems - Power Performance Testing (PPT) for Wind Turbine Repowering Projects (new standard)

Stakeholders: U.S. wind developers and investors, Certified Verification Agents (CVAs), Bureau of Safety and Environmental Enforcement (BSEE), Bureau of Ocean Energy Management (BOEM), U.S. Department of the Interior (DOI)

Project Need: The ambitious plans for development of wind energy projects requires a consistent and comprehensive set of industry-based consensus standards. This document is directly applicable as an American National Standard for such projects.

Interest Categories: End users, OEMs, Industry, General interest

The proposed standard focuses on establishing guidelines and methodologies for site calibration and power performance testing specific to wind turbine repowering projects. Repowering often involves replacing or upgrading turbines with newer technologies, presenting unique challenges in calibration and performance testing, especially in complex terrain or when existing site calibration data is limited. This standard aims to provide a consistent approach to adapting site calibration methodologies, leveraging both historical and numerical site calibration (NSC) data to ensure accuracy in repowered installations. The scope covers guidance on using or adapting site calibration data from original wind projects, criteria for deploying wind measurement devices relative to repowered turbines, and decision frameworks for when to use measured SC versus NSC.
Additionally, it addresses considerations for changing terrain types, including transitions from flat to complex terrain, and the continued use of existing met masts with respect to spacing and potential blockage effects. By providing comprehensive guidelines for these scenarios, this standard seeks to bridge gaps not addressed in current IEC 61400 -12 and -50 standards, ultimately enhancing the reliability and consistency of power performance assessments for repowered wind farms.

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New Standard

BSR/ARESCA WE-10-2-202x, Wind energy generation systems - Numerical Site Calibration (NSC) for Complex Terrain Sites (new standard)
Stakeholders: U.S. wind developers and investors, Certified Verification Agents (CVAs), Bureau of Safety and Environmental Enforcement (BSEE), Bureau of Ocean Energy Management (BOEM), U.S. Department of the Interior (DOI)

Project Need: The ambitious plans for development of wind energy projects requires a consistent and comprehensive set of industry-based consensus standards. This document is directly applicable as an American National Standard for such projects.

Interest Categories: End users, OEMs, Industry, General interest

The proposed standard aims to establish robust methodologies for numerical site calibration (NSC) specifically tailored to wind energy projects located in complex terrain. With the rapid advancement and adoption of wind technology across diverse topographies, traditional site calibration using cup anemometers is often impractical or infeasible. This standard will refine and advance existing concepts outlined in IEC 61400-12-4 to offer comprehensive, consistent, and accurate calibration guidance for these challenging environments. The scope of this standard encompasses three main areas: the development of detailed NSC methodologies, validation and acceptance criteria for modeling methods, and application protocols for NSC corrections with consideration for uncertainty quantification. The overarching goal is to ensure accurate wind measurements and reliable power performance testing (PPT) results in complex terrain settings. Given the readiness within the wind industry to adopt enhanced guidance, this standard will fill a critical gap, driving operational accuracy and consistency.

ASC X9 (Accredited Standards Committee X9, Incorporated)

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Revision

BSR X9.24-202x, Retail Financial Services - Key Management (revision, redesignation and consolidation of X9.24-1 -2017, X9.24-2-2021, X9.24-3-2017)
Stakeholders: Stakeholders include all organizations that provide cryptographic key management services in the retail payment industry, such as:
- Acquiring Financial Institutions;
- Acquiring processing organizations;
- Card and debit payment brands;
- Card and verification services organizations;
- Issuing Financial Institutions;
- Manufacturers of secure cryptographic devices;
- Organizations that provide key management services.

Project Need: A primary benefit in combining three parts of the X9.24 standard series is to provide efficiency and alignment in revision efforts for US and global stakeholders when developing and updating the relevant cryptographic key management standards for the retail payment industry. For example, these parts of the X9.24 series are interdependent – changes in one part of the series often required reopening another relevant part(s) prior to that part's scheduled revision to bring standards in sync. This new combined standard is based on earlier efforts by the International Standards Organization (ISO) to adopt the ANSI X9.24-1:2017, ANSI X9.24-2:2016, and ANSI X9.24 -3:2017 as one combined standard to replace ISO's 11568 Parts 1, 3, and 4 as ISO 11568-2023: Financial Services – Key Management (retail). When published, this document will supersede and deprecate all prior releases of the individual publications of X9.24-1, X9.24-2, and X9.24-3 standards as one combined ANSI X9.24 key management standard.

Interest Categories: Consumer, General Interest, Producer

This key management standard is the resulting combination and revisions of three parts of the X9.24 series: (1) ANSI X9.24-1:2017 (Symmetric Key Management - Part 1: Using Symmetric Techniques), (2) ANSI X9.24-2:2021 (Symmetric Key Management - Part 2: Using Asymmetric Techniques for the Distribution of Symmetric Keys), and (3) ANSI X9.24 -3:2017 (Symmetric Key Management - Part 3: Derived Unique Key Per Transaction (DUKPT)) standards.

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

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New Standard

BSR/ASHRAE Standard 198-202x, Method of Test for Direct Expansion-Dedicated Outdoor Air System (DX-DOAS) Units (new standard)
Stakeholders: Manufacturers and Testing Laboratories

Project Need: The revision of Standard 198 exceeded the ANSI time requirement for republication. This standard will begin as a new project and requires updates due to errors in calculations identified and practical testing methods.

Interest Categories: General, Producer, User

This standard provides methods of testing and calculations for moisture removal and heating by Direct Expansion-Dedicated Outdoor Air System (DX-DOAS) Units.

ASTM (ASTM International)

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New Standard

BSR/ASTM WK95736-202x, Reinstatement of E2548-16 Standard Guide for Sampling Seized Drugs for Qualitative and Quantitative Analysis (Withdrawn 2025) (new standard)
Stakeholders: Seized Drugs Industry

Project Need: This standard is being balloted for reinstatement.

Interest Categories: Producer, Consumer, User, General Interest

1.1 This practice covers minimum considerations for sampling of seized drugs for qualitative and quantitative analysis.
1.2 This practice cannot replace knowledge, skill, or ability acquired through appropriate education, training, and experience and should be used in conjunction with sound professional judgment.
1.3 This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of international Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.

ASTM (ASTM International)

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New Standard

BSR/ASTM WK95746-202x, New Specification for Fire Safety in Autonomous Passenger Vehicle Tunnel Systems (new standard)
Stakeholders: Fire Safety Engineering Industry

Project Need: The autonomous passenger vehicle tunnel systems currently being built in U.S. cities, including Las Vegas NV, Austin TX, and Miami FL, diverge significantly from conventional tunnel safety standards. An assessment of currently available standards reveals a gap in codes and standards for these tunnels that can negatively impact the safety of firefighters and the public.

Interest Categories: Producer, User, General Interest.

The specification establishes fire safety requirements for autonomous passenger vehicle tunnel systems, including ventilation systems, fire detection, fire suppression, structural fire resistance, emergency egress, and responder access and communications.

BHMA (Builders Hardware Manufacturers Association)

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Revision

BSR/BHMA A156.10-202x, Standard for Power Operated Pedestrian Doors (revision of ANSI/BHMA A156.10-2024)
Stakeholders: Consumers, door and hardware manufacturers, building and construction

Project Need: Update per five-year revision cycle

Interest Categories: User, Government, General Interest, Testing Laboratory, Producer

Requirements in this Standard apply to power-operated doors for pedestrian use which open automatically when approached by pedestrians and some small vehicular traffic or by a knowing act. Included are provisions to reduce the chance of user injury or entrapment. Power-operated doors for industrial or trained traffic are not covered in this Standard.

BHMA (Builders Hardware Manufacturers Association)

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Revision

BSR/BHMA A156.27-202x, Power and Manual Operated Revolving Pedestrian Doors (revision of ANSI/BHMA A156.27-2024)
Stakeholders: Consumers, door and hardware manufacturers, building and construction

Project Need: Update per five-year revision cycle

Interest Categories: User, Government, General Interest, Testing Laboratory, Producer

Requirements in this standard apply to power-operated revolving-type doors which rotate automatically when approached by pedestrians, some small vehicular use, and manual revolving type doors for pedestrians. Included are provisions to reduce the chance of user injury and entrapment.

CTA (Consumer Technology Association)

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National Adoption

BSR/CTA 6010-202x, Audio, video, and related equipment - Determination of power consumption - Part 3: Television sets (identical national adoption of IEC 62087-3:2023)
Stakeholders: Consumers, manufacturers, retailers

Project Need: To nationally adopt IEC 62087-3:2023, Audio, video, and related equipment - Determination of power consumption - Part 3: Television sets.

Interest Categories: Producers, Users, General Interest

IEC 62087-3:2023 specifies the determination of the power consumption and related characteristics of television sets. Television sets include, but are not limited to, those with LCD, OLED, or projection technologies. The operating modes and functions, as they specifically apply to television sets, are defined in detail in this part of IEC 62087. This document is limited to television sets that can be connected to an external power source.

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National Adoption

BSR/CTA 6011-202x, Audio, video, and related equipment - Determination of power consumption - Part 4: Video recording equipment (identical national adoption of IEC 62087-4:2015)
Stakeholders: Consumers, manufacturers, retailers

Project Need: To nationally adopt IEC 62087-4:2015, Audio, video, and related equipment - Determination of power consumption - Part 4: Video recording equipment.

Interest Categories: Producers, Users, General Interest

IEC 62087-4:2015 specifies methods of measurement for the power consumption of video recording equipment with removable media. It specifies the different modes of operation which are relevant for measuring power consumption. This first edition of IEC 62087-4 cancels and replaces Clause 7 of IEC 62087:2011. This standard together with IEC 62087-1 to IEC 62087-3 and IEC 62087-5 to IEC 62087-6 cancels and replaces IEC 62087:2011.

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National Adoption

BSR/CTA 6012-202x, Audio, video, and related equipment - Determination of power consumption - Part 5: Set-top-boxes (STB) (identical national adoption of IEC 62087-5:2015)
Stakeholders: Consumers, manufacturers, retailers

Project Need: To nationally adopt IEC 62087-5:2015, Audio, video, and related equipment - Determination of power consumption - Part 5: Set-top-boxes (STB).

Interest Categories: Users, Producers, General Interest

IEC 62087-5:2015 specifies methods of measurement for the power consumption of set top boxes (STBs). It specifies the different modes of operation which are relevant for measuring power consumption. This first edition of IEC 62087 -5 cancels and replaces Clause 8 of IEC 62087:2011. This standard together with IEC 62087-1 to IEC 62087-4 and IEC 62087-6 cancels and replaces IEC 62087:2011. This International Standard constitutes a technical revision.

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National Adoption

BSR/CTA 6013-202x, Audio, video, and related equipment - Determination of power consumption - Part 6: Audio equipment (identical national adoption of IEC 62087-6:2015)
Stakeholders: Consumers, manufacturers, retailers

Project Need: To nationally adopt IEC 62087-6:2015, Audio, video, and related equipment - Determination of power consumption - Part 6: Audio equipment.

Interest Categories: Producers, Users, General Interest

IEC 62087-6:2015 specifies the determination of the power consumption of audio equipment for consumer use. The various modes of operation which are relevant for measuring power consumption are defined. This first edition of IEC 62087-6 cancels and replaces Clause 9 of IEC 62087:2011. This standard together with IEC 62087-1 to IEC 62087-5 cancels and replaces IEC 62087:2011.

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National Adoption

BSR/CTA 6014-202x, Audio, video and related equipment - Methods of measurement for power consumption - Part 7: Computer monitors (identical national adoption of IEC 62087-7:2018)
Stakeholders: Consumers, manufacturers, retailers

Project Need: To nationally adopt IEC 62087-7:2018, Audio, video and related equipment - Methods of measurement for power consumption - Part 7: Computer monitors.

Interest Categories: Producers, Users, General Interest

IEC 62087-7:2018 specifies the determination of the power consumption of computer monitors including, but is not limited to, those with CRT, LCD, PDP, or OLED technologies. Computer monitors that include touch screen functionality are included in the scope of this document. This document is limited to computer monitors that are powered from a main power source other than a battery. Computer monitors that are powered from a battery source are not covered by this document. However, mains-powered computer monitors may include any number of auxiliary batteries.

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National Adoption

BSR/CTA 6015-202x, Sound system equipment - Part 24: Headphones and earphones - Active acoustic noise cancelling characteristics (identical national adoption of IEC 60268-24:2023)
Stakeholders: Consumers, manufacturers, retailers

Project Need: To nationally adopt IEC 60268-24:2023, Sound system equipment - Part 24: Headphones and earphones - Active acoustic noise cancelling characteristics.

Interest Categories: Producers, Users, General Interest

IEC 60268-24:2023 is applicable to active acoustic noise-cancelling headphones and earphones which have the function of reducing the noise heard by the user by the output sound from the transducer generated by the environment noise detection microphone and the noise reduction signal processing circuit. This document specifies the terms and definitions of this type of headphones or earphones, the characteristics to be specified, and the measurement and evaluation methods.

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National Adoption

BSR/CTA 6016-202x, Cable networks for television signals, sound signals and interactive services - Part 101-2: Performance requirements for signals delivered at the system outlet in operation with all-digital channels load (identical national adoption of IEC-60728-101-2:2023)
Stakeholders: Consumers, manufacturers, retailers

Project Need: To nationally adopt IEC-60728-101-2:2023, Cable networks for television signals, sound signals and interactive services - Part 101-2: Performance requirements for signals delivered at the system outlet in operation with all-digital channels load.

Interest Categories: Producer, Users, General Interest

IEC 60728-101-2:2023 provides the minimum performance requirements to be fulfilled in operation at the system outlet or terminal input and describes the summation criteria for the impairments present in the received signals and those produced by the CATV/MATV/SMATV cable network, including individual receiving systems.

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National Adoption

BSR/CTA 6017-202x, Cable networks for television signals, sound signals and interactive services - Part 101-1: RF cabling for two-way home networks with all-digital channels load (identical national adoption of IEC-60728-101 -1:2023)
Stakeholders: Consumers, manufacturers, retailers

Project Need: To nationally adopt IEC-60728-101-1:2023, Cable networks for television signals, sound signals and interactive services - Part 101-1: RF cabling for two-way home networks with all-digital channels load.

Interest Categories: Producers, Users, General Interest

IEC 60728-101-1:2023 provides the requirements and describes the implementation guidelines of RF cabling for two-way home networks; it is applicable to any home network that distributes signals provided by CATV/MATV/SMATV cable networks (including individual receiving systems) having a coaxial cable output. It is also applicable to home networks where some part of the distribution network uses wireless links, for example in place of the receiver cord.

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National Adoption

BSR/CTA 6018-202x, Cable networks for television signals, sound signals and interactive services - Part 113: Optical systems for broadcast signal transmissions loaded with digital channels only (identical national adoption of IEC-60728 -113:2023)
Stakeholders: Consumers, manufacturers, retailers

Project Need: To nationally adopt IEC-60728-113:2023, Cable networks for television signals, sound signals and interactive services - Part 113: Optical systems for broadcast signal transmissions loaded with digital channels only.

Interest Categories: Producers, Users, General Interest

IEC 60728-113:2023 is applicable to optical transmission systems for broadcast signal transmission that consist of headend equipment, optical transmission lines, in-house wirings, and system outlets. These systems are primarily intended for television and sound signals using digital transmission technology. This document specifies the basic system parameters and methods of measurement for optical distribution systems between headend equipment and system outlets in order to assess the system performance and its performance limits.

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National Adoption

BSR/CTA 6019-202x, Cable networks for television signals, sound signals and interactive services - Part 106: Optical equipment for systems loaded with digital channels only (identical national adoption of IEC 60728-106:2023)
Stakeholders: Consumers, manufacturers, retailers

Project Need: To nationally adopt IEC 60728-106:2023, Cable networks for television signals, sound signals and interactive services - Part 106: Optical equipment for systems loaded with digital channels only.

Interest Categories: Producers, Users, General Interest

IEC 60728-106:2023 lays down the measuring methods, performance requirements and data publication requirements of optical equipment of cable networks for television signals, sound signals and interactive services loaded with digital channels only.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1936.6-202x, Standard for Unmanned Aircraft Systems based Oblique Photogrammetry Used for Survey and Design of 110 kV and Above Power Transmission and Transformation Projects (new standard)
Stakeholders: Grid operators, UAS manufacturers, UAS operators, UAS users.

Project Need: UAS oblique photogrammetry technology has the characteristics of multi-angle observation, high-precision measurement, fast data acquisition and processing, good visualization, and reliable quality. It is suitable for large-scale topographic mapping and plays an increasingly important role in the three-dimensional survey and design of power transmission and transformation engineering. However, the operational methods and technical requirements need to be standardized to enable multi-vender supply scenarios and system interoperability. There is no global standard on this area. So, it is necessary to develop a standard to improve the quality of aerial photography results and promote the application of 3D models and geographic information.

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

This standard specifies the technical requirements for Unmanned Aircraft Systems (UAS)-based oblique photogrammetry used to survey power transmission and transformation projects rated 110 kV and above. It includes operating methods, procedures, parameters, data and image processing, digital elevation model, and quality control procedures for the aforementioned content.

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New Standard

BSR/IEEE 1936.7-202x, Standard for Mesh Deployment of Multi-Rotor Unmanned Aircraft Systems for Inspection of Overhead Transmission and Distribution, and Outdoor Substation Facilities (new standard)
Stakeholders: UAS manufacturers, UAS researchers, UAS operators, researchers, Operators of Electrical Power Facilities.

Project Need: UAS have become widely used as an inspection tool in electric power industries. Mesh deployment of UAS for patrol inspection is a novel technology to increase the inspection performance of UAS, which is widely used in electric power enterprises. However, the lack of a standard for mesh deployment has led to fragmented and inefficient use of UAS. This standard aims to bridge this gap by providing a systematic approach and technical standards for mesh deployment of UAS in power transmission, distribution, and substation facilities which enhances operational capabilities, promotes standardization, and better serves patrol inspection for the electric power industry.

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

This standard specifies the technical requirements for mesh deployment of multi-rotor Unmanned Aerial Systems (UAS) for inspection of overhead transmission and distribution, and outdoor substation facilities. The UAS consist of unmanned aircraft and the equipment necessary for the safe and efficient operation of the unmanned aircraft. The mesh deployment divides the inspection area into multiple inspection nodes, each containing multiple hangars and Unmanned Aerial Vehicles (UAVs). Instead of executing one inspection task with a long distance and numerous facilities, the inspection task is decomposed into multiple node tasks, and every inspection node executes the inspection of facilities within its coverage. By mesh deployment, the inspection task can be decomposed and executed parallelly, and one inspection node executes multiple tasks simultaneously or consecutively. This standard specifies operational requirements for the workflow, procedure, technical parameters, segmentation of the inspection area, hangar location selection, UAV route planning, the leapfrog method, and inspection task scheduling.

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New Standard

BSR/IEEE 1936.8-202x, Standard for Monitoring of Photovoltaic Power Stations Using Unmanned Aircraft Systems (new standard)
Stakeholders: Photovoltaic power station owners and operators, drone manufacturers and service providers, research and development Institutions, energy consumers, technology and software developers.

Project Need: With the popularization and expansion of solar-power generation systems, UAS photovoltaic monitoring systems have become an important tool for monitoring and helping ensure the normal operation of solar panels. But there are no corresponding standards to guide Unmanned Aircraft monitoring photovoltaic power station. UAS have become widely used as a monitoring tool in energy industries, intelligent classification, identification, and location of defects of photovoltaic modules in photovoltaic power stations. However, lack of a photovoltaic power station Unmanned Aircraft Systems intelligent monitoring standard has led to unregulated and inefficient appliance. This standard aims to bridge this gap by providing a systematic approach and technical standards for UAS in photovoltaic power station which enhances safety and risk mitigation, efficiency and cost reduction, early detection of issues, enhanced maintenance and lifespan, sustainability, and environmental Impact.

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

This standard specifies the technical requirements for photovoltaic power station monitoring by Unmanned Aircraft Systems (UAS). These requirements cover the hardware components and communication architecture of the monitoring system, the division of the patrol area into mesh segments, the selection of UAS hangar locations, the coordination among devices, UAS route planning, and monitoring task scheduling. It defines requirements for classification, identification, and location of defective photovoltaic modules based on optical and infrared images analysis.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1936.9-202x, Standard for Technical Requirements for Electric Unmanned Aircraft Systems for Power Grid Material Lifting (new standard)
Stakeholders: UAS manufacturers, UAS operators, Grid designers, UAS users, Grid operators

Project Need: Traditional power grid material transportation relies on manual labor, animal power and ropeways, which has the disadvantages of high investment, causes serious ecological destruction, exhibits low efficiency, high security risk etc. Currently, UAS are being widely deployed for the materials transportation in both construction and maintenance of power grid. UAS that are used for materials lifting and transportation developed by manufacturers worldwide vary in configuration, size, weight, etc. A standard focused on the above aspects is still missing. This standard proposes key technical requirements of UAS used for materials lifting and transportation, promotes the technical innovation, industry-wide standardization, and international cooperation. It also improves the reliability and safety of power grid material lifting and transportation.

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

This standard specifies technical requirements for electric-driven Unmanned Aircraft Systems (UAS) to lift and transport material for the construction and maintenance of power grids. The requirements address lifting and transportation equipment, process, inspection procedures, and testing methods.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1936.10-202x, Recommended Practice for Use of Electric Unmanned Aircraft Systems for Power Grid Material Lifting (new standard)
Stakeholders: UAS manufacturers, UAS operators, Grid designers, UAS users, Grid operators

Project Need: UAS are gradually used for materials lifting and transportation, compared with traditional power grid material transportation method, UAS effectively reduces labor intensity, safety risks, transmission line construction investment, providing a reliable and secure technical method for power grid materials transportation. Given the complexity and high security risk of UAS operation, and there are no international standards specifically addressing the application scenarios and usage methods of UAS for grid power material lifting and transportation. This recommended practice will promote best practice in development and application of UAS on a global scale and comprehensively improve the efficiency of power grid material transportation.

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

This recommended practice provides safety recommendations for the operation of Unmanned Aircraft Systems (UAS) that are used to lift and transport material for the construction and maintenance of power grids. The document includes recommendations for UAS operator training, the pre-check of UAS equipment condition, pre-flight environmental assessments, and airspace management. Furthermore, the document describes a method to lift materials, advises on how to notify of abnormal situations, and provides recommendations on keeping flight logs, system management, and on scenarios that need to be monitored.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1936.11-202x, Standard for Requirements of Laying Out Pilot Ropes by Unmanned Aircraft Systems for Overhead Power Line Installations (new standard)
Stakeholders: They are companies such as overhead line construction enterprises, operations and maintenance enterprises and UAS manufacturers.

Project Need: By leveraging the functionality and advantages of UAS, it is possible to effectively lay out pilot ropes in risky and highly difficult areas, and UAS can help avoid safety hazards and construction difficulties caused by complex terrains and multiple crossings. At present, laying out pilot ropes by UAS has been widely practiced and applied in various countries, which has built sufficient practical foundation. In practical applications, the lack of unified technical specifications may easily lead to equipment malfunctions. Once malfunctions occur, such accidents not only cause equipment damage, but also can result in personal injury. None of existing technical standards are applicable to guide the operations of UAS in laying out pilot ropes for overhead power line installations. Therefore, in order to improve installation efficiency, safety and flight stability of UAS, it is necessary to establish standardized procedures for laying out pilot ropes by UAS for overhead power line installations.

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

This standard specifies technical requirements for Unmanned Aircraft Systems (UAS) operations in laying out pilot ropes for overhead power line installations. It includes terminology, preparation, operating procedures, and safety techniques for the installation process.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1936.12-202x, Standard for Verification of Pilot Line Deployment Devices Based on Unmanned Aircraft Systems for Overhead Power Line Installations (new standard)
Stakeholders: They are overhead line construction and maintenance units, scientific research institutions, UAS-related enterprises, inspection organizations and other relevant parties.

Project Need: UAS have been used world-wide in overhead power line installations, for example, in Asia, Africa, and the Americas. During the deployment process, UAS's need to not only fly across complex terrains, but also carry and release a pilot line. Moreover, devices vary in structure, performance, usage, and reliability level. Therefore, the lack of verification standards leads to increasing the possibility of accidents. This standard specifies the verification contents of UAS-based pilot-line deployment devices, which are not specified in the existing standards. This standard also improves the reliability of deployment process with UAS, and ensures that pilot lines can be deployed in an efficient, safe, economical and environmental-friendly manner in different operating environments.

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

This standard specifies testing conditions, testing items, and requirements for the verification of Unmanned Aircraft Systems (UAS) based pilot line deployment devices for overhead power line installations. It also specifies verification procedures for emergency response capability in unexpected situations.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1936.13-202x, Recommended Practice for Image Collection during the Inspection of Overhead Distribution Lines by Unmanned Aircraft Systems (new standard)
Stakeholders: Power enterprise, service and solution providers, inspection equipment suppliers, software developers, and researchers/developers.

Project Need: Currently, the use of UAS for inspecting overhead distribution lines has become widespread, but there are no standards to guide users on how to collect these inspect images. Establishing a unified and optimized overhead distribution line inspection image collection scheme helps to reduce the skill requirements for operators. Images obtained through standardized methods fully meet the requirements for post-processing, thereby avoiding the production of numerous ineffective photos and redundant work, and promoting the adoption of UASs in this field.

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

This recommended practice specifies technical requirements for the collection of images of overhead distribution lines during inspection by Unmanned Aircraft Systems (UAS). The requirements address positions and sequences of capturing images of straight poles, tension poles, equipment poles, and line corridors. This recommended practice is limited to visible light images.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1936.14-202x, Standard for Multi-Spectral Scanning of Overhead Transmission Lines by Unmanned Aircraft Systems (new standard)
Stakeholders: UAS manufacturers, UAS operators, Grid designers, UAS users, Grid operators.

Project Need: UAS multi-spectral scanning technology can realize the rapid survey of vegetation, tree species identification and assessment of insufficient spacing hazards between trees and lines in the transmission line corridor, and solve practical problems such as inability to be in place, poor perspective, inaccurate detection and low efficiency in the manual inspection of overhead transmission lines, which is of great significance to improve the quality of transmission line inspection and reduce intensity of work. At present, there is no international standard in this area. It is necessary to develop the standard to improve the quality of vegetation information collection and promote the application of multi-spectral scanning technology.

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

This standard specifies the technical requirements for Unmanned Aircraft Systems (UAS)-based multi-spectral scanning used to improve operation and maintenance management of overhead transmission lines rated or 110 kV and above. The standard includes operating methods, procedures, parameters, security measures, data processing, and deliverables.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1936.15-202x, Standard for a Transmission Protocol for Equipment Status and Control Data for Remote Sensing Networks that Use Unmanned Aerial Systems (new standard)
Stakeholders: Aviation authorities and regulatory bodies, low-altitude UAVs remote sensing network systems developers and manufacturers, low-altitude UAVs remote sensing network systems operators, low-altitude UAVs remote sensing network systems consumers and end-users, testing organizations and certification agencies.

Project Need: There is a lack of unified transmission protocols for the equipment status and control data of many brands of UAVs remote sensing network systems worldwide, which has led to difficulties in connecting equipment and management & control platforms, hindered the large-scale application of UAVs remote sensing networks.

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

This standard specifies protocols for transmission of equipment status and control data of remote sensing networks that use Unmanned Aerial Systems (UASs).

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1936.16-202x, Standard for the Inspection of Overhead Transmission Lines by Vertical Take-off and Landing Fixed-wing Unmanned Aircraft Systems (UAS) (new standard)
Stakeholders: UAS manufacturers, UAS operators, UAS users, Inspection equipment suppliers, Software developers and researchers.

Project Need: This standard is needed to direct the equipment selections, personnel requirements, take-off and landing site requirements. It also specifies operational requirements, patrol inspection objects and procedures, data acquisition and processing requirements, as well as safety requirements in the process of overhead transmission line inspections by VTOL fixed-wing UAS to improve efficiency and safety.

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

This standard specifies the equipment selections, personnel requirements, take-off and landing site requirements, operational requirements, patrol inspection contents and procedures, data acquisition and processing requirements, as well as safety requirements in the process of using Vertical Take-Off and Landing (VTOL) fixed-wing Unmanned Aircraft Systems (UAS) to carry out overhead transmission line inspections.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1936.17-202x, Standard for Multi Unmanned Aircraft System (MUAS) Trajectory Planning for Collaborative Inspection of Overhead Power Lines (new standard)
Stakeholders: Power grid operation and maintenance enterprises, UAV manufacturers, and researchers in the UAV field.

Project Need: During inspections, UAS equipped with different sensors must operate at varying speeds and distances depending on their subject of collection and safety distance determination. It can lead to differences in flight speed and positioning, increasing the risk of collisions. Therefore, there is an immediate need to establish a standard to enable UAS from different vendors to be deployed in cooperative inspection scenarios.

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

This standard specifies the requirements for multi-unmanned aircraft system trajectory planning for collaborative inspection of overhead power lines. It includes task allocation, route design, safety distance determination, and other relevant safety measures.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1936.18-202x, Standard for Unmanned Aerial System-Based Multi-Sensor Data Fusion for Power Line Anomaly Detection Applications (new standard)
Stakeholders: Power companies, grid operators, UAV manufacturers, UAV operators, UAV users, sensor providers, and power inspection service providers.

Project Need: UAS-based power-line inspection commonly uses visible light, infrared, ultraviolet, and LiDAR sensors. Multi-sensor data fusion combines spectral, spatial, structural, and temperature data, providing a panoramic view of the power line. This approach improves the accuracy, efficiency, and reliability of anomaly detection. It is widely used in power line inspection. This standard is to define how to combine the different data streams into a coherent whole, in order to construct the multisensory data scenario necessary for UAS-based power-line inspection.

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

This standard specifies multi-sensor data requirements, data combining, and fusion method for power-line anomaly detection applications using Unmanned Aerial Systems (UASs).

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1937.5-202x, Standard for Technical Requirements for Airport Geofencing for Unmanned Aircraft System (UAS) Operation (new standard)
Stakeholders: Airport management authority, UAV manufacturers, UAV operators, UAV users, UAV supervisors

Project Need: Currently, there is a lack of scientifically and rationally defined criteria for delineating geofencing boundaries for unmanned aircraft operation at airports. It results in failing to adequately consider the operational characteristics and practical requirements of airports. This standard defines: (1）Method for establishing geofencing: The inner critical area is established by analyzing historical airport trajectory data, combined with aircraft takeoff and landing paths and the locations of key facilities, and is delineated using a collision risk model to protect runways, navigation stations, and radar installations. The outer buffer area, based on the inner critical area, provides additional protective space to reduce safety threats in abnormal situations while supporting flexible defense measures and dynamic adjustments; (2）Geofencing structure: The airport geofencing structure consists of an inner critical area and an outer buffer area by estimation of flight track distribution in line with extracted prevalent trajectory (the prevalent trajectory based on real flight tracks). This geofencing is adaptive for different traffic patterns; (3) Delineation requirements: The delineation of the inner critical area aims to protect the runways used by aircraft for takeoff and landing, critical anti-collision areas, and facilities requiring electromagnetic environment protection, such as aviation radio navigation stations (ILS, VOR) and radar installations, ensuring that UAVs do not ...

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

This standard specifies the technical requirements and methodology for geofencing with respect to unmanned aerial vehicles' operation in proximity of airports. It includes the definition of the geofencing structure and the delineation requirements.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1937.10-202x, Standard for Functional and Performance Requirements as well as Testing Methods for Unmanned Aerial Vehicles Remote Identification Ground Receiver Equipment (new standard)
Stakeholders: Remote Identification Ground Receiver Equipment manufacturers, low-altitude traffic regulatory operators, low-altitude traffic regulatory government departments, UAV manufacturers, UAV users.

Project Need: At present, there is no standard for Remote Identification Ground Receiver Equipment. The functions, performance, and test methods of Remote Identification Ground Receiver Equipment for UAVs produced by different manufacturers vary significantly, making it difficult to ensure performance and reliability, and resulting in poor compatibility. The standard for Remote Identification Ground Receiver Equipment for UAVs helps ensure technical compatibility among products from different manufacturers, helps safeguard product safety and reliability, and helps enhance product compliance. By using Remote Identification Ground Receiver Equipment designed to meet this standard, regulatory agencies can manage airspace more efficiently and improve the traceability of UAVs.

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

This standard specifies the functional and performance requirements, and testing methods for Remote Identification Ground Receiver Equipment for Unmanned Aerial Vehicles (UAVs) with empty weight not exceeding 15 kg and a maximum takeoff weight not exceeding 25 kg.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1937.13-202x, Standard for Taxonomy and Associated Requirements for Unmanned Aircraft Systems Autonomy Levels (new standard)
Stakeholders: Aviation authorities and regulatory bodies, UAS developers and manufacturers, UAS operators, UAS consumers and end-users, Testing organizations and certification agencies.

Project Need: Currently, there is no unified and recognized standard for determining the autonomy levels of UAS. This standard contributes to: (1) Safety: Regulators and operates can assess the safety risks with different autonomy levels of UAS; (2) Regulation and Compliance: Aviation authorities and regulatory bodies can determine the appropriate regulations and compliance with a clear understanding of the autonomy levels; (3) Innovation and development: Developers and manufacturers can identify specific areas for improvement and focus their research and development efforts on autonomy accordingly; (4) Operator Training and Certification: This standard can help in designing training programs and certification criteria for how to operate UAS with different autonomy levels; (5) Consumer Understanding: This standard can help consumers and end-users better understand the capabilities and limitations of different autonomy levels of UAS, facilitate informed decision-making when choosing a UAS; (6) Testing and Evaluation: This standard can act as a baseline for testing organization and certification agencies to test and evaluate the UAS, further validate and certificate the UAS levels.

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

This standard defines the autonomy levels of unmanned aircraft system (UAS) and the corresponding functional and technical requirements, and provides guidance for the evaluation of the autonomous capabilities of UAS.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1937.15-202x, Standard for Communication Security Requirements for Drone Formation Flying Light Show (new standard)
Stakeholders: Drone manufacturing enterprises, Drone formation Flying Light Show service companies, entertainment business and public event organizers, public safety inspection agencies.

Project Need: Drone formation flying light show is a fast growing field for drones applications. As the shows are public events with hundreds and thousands of audiences for each performance, security assurance is a key and fundamental requirement. Communication security is also a key requirement due to the reliance of communication systems to control the drones and operate the shows. However, there are currently no relevant standards.

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

This standard specifies basic technical and operational rules to provide secure communication between drones and control systems in formation flying light shows.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1937.16-202x, Standard for Civil Unmanned Aerial Systems (UAS) Cybersecurity Framework (new standard)
Stakeholders: UAS manufacturers, UAS vendors, UAS operators, UAS regulatory authorities, users of Cybersecurity technologies, first responders

Project Need: At present, there is no standard on the overall reference framework of civil UAS cybersecurity. The UAS Cybersecurity technicians lack unified technical specifications when designing, manufacturing, and deploying UAS in various industries and different scenarios, and this limits the widespread application of UAS. This standard helps the stakeholders to comprehensively understand the threats and countermeasures of UAS cybersecurity and to promote the safety and security of civil UAS applications.

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

The standard specifies a reference cybersecurity framework of Civil Unmanned Aircraft Systems (UAS), including airspace security, devices security, communication & network security, data security, privacy protection, and operation management security.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1937.17-202x, Standard for specifications for lithium ion cells and batteries used in Unmanned Aircraft Systems (UAS) (new standard)
Stakeholders: Users, manufacturers, regulators of lithium ion cells, batteries, and UAS.

Project Need: This is a newly formulated standard, and currently there are no international standards for lithium ion cells and batteries for Unmanned Aircraft Systems (UAS). As power supplies of UAS, lithium ion batteries have been widely used in unmanned aerial vehicles, and the superior performance of lithium ion batteries is a key factor restricting the performance of unmanned aerial vehicles. The safety and performance of lithium ion cells and batteries directly affect the performance of UAS, and are more likely to cause serious personal injury. Under harsh working conditions such as low temperature, low pressure, and humid heat, lithium ion batteries may lose some of their electrical performance or internal key device functions, directly leading to a decrease in the working ability or loss of key functions of UAS.

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

This standard specifies technical and safety requirements for lithium ion cells and batteries for consumer and industrial grades Unmanned Aircraft Systems.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1937.18-202x, Standard for Charger Used in Unmanned Aircraft Systems - Technical Specification (new standard)
Stakeholders: UAS manufacturers, UAS operators, charger manufacturers, charger used in UAS developers and users.

Project Need: The performance and safety of chargers used in UAS are directly related to property and personal safety. Safety requirements associated with chargers help provide security for the health of the UAS industry. The development of this standard can help avoid damaging chargers due to the interference of external environmental factors that might lead to its malfunctioning. In addition, the performance and safety requirements specified in this standard can help avoid leakage and overheating of chargers to increase personal and property safety. The development and implementation of this standard will help reduce the incidence of accidents, help provide an important technical basis for qualification evaluations and potentially increase of market access of chargers and UAS.

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

The standard specifies technical requirements of chargers for mains-powered or battery-powered unmanned aircraft systems (UAS), including general, electrical safety, charging capability, components, and structure.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1958-202x, Standard for Hydrogen Fuel Cell Application Framework on Multi-Rotor Drones (new standard)
Stakeholders: Power companies, hydrogen fuel cell drone manufacturers, power grid inspection service providers.

Project Need: This framework standard is needed as a foundational project to initiate and integrate the co-efforts from the industry to develop a complete standard for this emerging technologies. It will advance this emerging technology and enable the deployment of hydrogen power on drones. Hydrogen-powered drone technology is widely used in industrial inspection. However, no standard has been established yet. Therefore, a framework standard is needed to define the following aspects of hydrogen fuel cell application on multi-rotor drones. 1. Hydrogen fuel cell power system; 2. Hydrogen supply system; 3. Temperature management system; 4. Safety measures; 5. Operation management; 6. Maintenance and Inspection.

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

This standard defines a framework for a hydrogen fuel cell power system for multi-rotor drones. The standard addresses a hydrogen fuel cell power system, a hydrogen supply system, a temperature management system, safety measures, operation management, maintenance, and inspection.

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

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Revision

BSR/IICRC S540-202x, Standard for Trauma and Crime Scene Cleanup (revision of ANSI/IICRC S540-2023)
Stakeholders: This document is written for use by those involved in the trauma and crime scene cleanup industry, primarily for restoration companies, their employees, technicians, and other workers, and secondarily for other Materially Interested Parties (MIPs).

Project Need: IICRC would like to initiate this revision in a timely manner, so we have the revised Standard completed and ready to publish at or near the 5-year revision cycle as required by ANSI.

Interest Categories: Producer, User, and General Interest.

This Standard describes the procedures to be followed and the precautions to be taken when performing trauma and crime scene cleanup regardless of surface, item, or location. This Standard assumes that all scenes have been released by law enforcement or regulatory agencies. It is the purpose of this Standard to define criteria and methodology used by the technician for inspecting and investigating blood and Other Potentially Infectious Material (OPIM) contamination and for establishing work plans and procedures.

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

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Revision

BSR/IICRC S590-202x, Standard for Assessing HVAC Systems Following a Water, Fire, or Mold Damage Event (revision of ANSI/IICRC S590-2023)

Stakeholders: This Standard is written primarily for HVAC assessment companies, and secondarily, for those who assess HVAC systems for post-event damage and prepare remediation protocols (e.g., Indoor Environmental Professionals (IEPs)). The HVAC assessment provides restorers, insurance carriers, and MIPs (e.g., consumers, occupants, property owners and managers, government, and regulatory bodies) information to make project decisions.

Project Need: IICRC would like to initiate this revision in a timely manner, so we have the revised Standard completed and ready to publish at or near the 5-year revision cycle as required by ANSI.

Interest Categories: Producer, User, General Interest.

The HVAC assessment process identifies impacted and non-impacted HVAC internal surfaces after a water, fire, or mold damage event. This Standard contains procedures to perform HVAC assessments and create a written report and Restoration Work Plan (RWP) of work for residential, commercial, institutional, and healthcare buildings. The document lists methods and procedures to determine visual deposition and odor retention.

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

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Revision

BSR/IICRC S800-202x, Standard for Professional Inspection of Textile Floor Coverings (revision of ANSI/IICRC S800 -2023)

Stakeholders: This Standard was created for use by professional inspectors and Materially Interested Parties (MIPs) involved in the textile flooring inspection industry. They can include, but are not limited to: fiber producers, carpet manufacturers, carpet specifiers, architects, interior designers, carpet retailers, distributors, building contractors, property managers, carpet installers, carpet end-users, attorneys, spotting/cleaning chemical formulators, and carpet cleaners.

Project Need: ICRC would like to initiate this revision in a timely manner, so we have the revised S800 Standard completed and ready to publish at or near the 5-year revision cycle as required by ANSI.

Interest Categories: Producer, User, General Interest.

This standard describes the procedures, methods, and systems to be followed when inspecting synthetic and natural textile floor coverings and related products (e.g., carpets and cushions). Professional textile floor covering inspection consists of processes and procedures that are described in this Standard. This Standard does not specifically address the protocols and procedures for installing or cleaning textile floor coverings.

ISA (Organization) (International Society of Automation)

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New Standard

BSR/ISA d84.91.03-202x, Functional Safety: 18 Low Integrity Protection Layers (new standard)
Stakeholders: This standard applies to a wide variety of industries within the process sector, for example, chemicals, oil and gas, pulp and paper, pharmaceuticals, food and beverage, and non-nuclear power generation.

Project Need: Guidance on identifying the risk reduction claim, along with other protection layer attributes, can be found in multiple long-standing process sector practices, including the Center for Chemical Process Safety (CCPS) Guidelines' books and ANSI/ISA 61511-3:2018. These guidelines provide examples of classification methods that can be used to determine the risk reduction needed to achieve functional safety.

Interest Categories: User, Architect-Engineer, Engineer-Constructors, Integrators, General, Producer, Regulatory/Government, Testing/Certification/Approval

Many classification methods specify performance requirements for Protection Layers based on order of magnitude numbers. Thus, a safety instrumented function (SIF) and a low integrity protection layer (LI-PL) might be assigned the same numerical risk reduction value. A critical distinction between a SIF and a LI-PL is the rigor of the standard that the authority having jurisdiction expects to be applied during the lifecycle of the protection layer. The functions classified as SIFs and those classified as LI-PL should be clearly identified during the classification process.

ISEA (International Safety Equipment Association)

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New Standard

BSR/ISEA 600-202x, Standard Performance Specification for On-Body Heat Stress Management PPE (new standard)
Stakeholders: General Industry Workers

Project Need: To create a standard to manage heat stress.

Interest Categories: Users, producers, manufacturers, government, general interest

The goal is to evaluate the ability to manage heat stress through the use of PPE, while considering the following approaches: Specified WBGT conditions via methods such as heat stress index, Overall Comfort (objective), Sweating Rate (body mass loss). The standard may reference tiered classifications and radar graphs for compliance visualization. This standard is relevant to all industries, both indoor and outdoor work environments, ranging from agriculture, construction, aviation (under the wing) and utility to restaurants and warehouse roles. OSHA data from 2015–2020 revealed that 91.9% of the 1,546 severe exertion-related injuries and 95% of the 89 exertion-related deaths were heat related. Construction accounted for nearly one-third of U.S. occupational heat-related deaths from 1992–2016, with most fatalities occurring in summer months. Aviation ground crews faced the second-highest rate of heat-related injuries in 2009 due to exposure to tarmac and engine heat. As per ILO, agricultural workers are projected to bear 60% of global working hours lost to heat stress by 2030, highlighting the sector's extreme vulnerability.

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

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National Adoption

INCITS/IESO/IEC 20648:2024 [202x], Information technology - TLS specification for storage systems (identical national adoption of ISO/IEC 20648:2024)
Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Details the requirements for use of the Transport Layer Security (TLS) protocol in conjunction with data storage technologies. The requirements set out in this document are intended to facilitate secure interoperability of storage clients and servers as well as non-storage technologies that may have similar interoperability needs.

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

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National Adoption

INCITS/ISO/IEC 10373-6:2025 [202x], Cards and security devices for personal identification - Test methods - Part 6: Contactless proximity objects (identical national adoption of ISO/IEC 10373-6:2025 and revision of INCITS/ISO/IEC 10373-6:2020 [2021], INCITS/ISO/IEC 10373-6:2020/AM1:2021 [2021], INCITS/ISO/IEC 10373-6:2020/AM2:2020 [2021])
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Defines test methods which are specific to proximity cards and objects, proximity coupling devices and proximity extended devices, defined in ISO/IEC 14443-1, ISO/IEC 14443-2, ISO/IEC 14443-3, and ISO/IEC 14443-4.

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

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National Adoption

INCITS/ISO/IEC 11179-34:2024 [202x], Information technology - Metadata registries (MDR) - Part 34: Metamodel for computable data registration (identical national adoption of ISO/IEC 11179-34:2024)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Provides a specification for an extension to a metadata registry (MDR), as specified in ISO/IEC 11179-3, in which metadata that describe computable data can be registered. The specification in this document, together with the relevant clauses of the specification in ISO/IEC 11179-3, provides the ability to record metadata about computable data.

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National Adoption

INCITS/ISO/IEC 17839-2:2024 [202x], Information technology - Biometric System-on-Card - Part 2: Physical characteristics (identical national adoption of ISO/IEC 17839-2:2024 and revision of INCITS/ISO/IEC 17839-2:2015 [2021], INCITS/ISO/IEC 17839-2:2015/AM1:2021 [2021])
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Defines dimensions of a type ID-1 Biometric System-on-Card (BSoC) and type ID-T BSoC; position and capture area of the biometric capture device according to the needs of the biometric modality; minimum requirements to a BSoC with respect to: mechanical durability; and human-machine interface and ergonomics. This document is not applicable to other on-card devices such as an electronic display or a keypad.

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

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National Adoption

INCITS/ISO/IEC 18014-1:2008/AM1:2025 [202x], Information technology - Security techniques - Time-stamping services - Part 1: Framework - Amendment 1 (identical national adoption of ISO/IEC 18014-1:2008/AM1:2025)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Amendment 1 to ISO/IEC 18014-1:2008.

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

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National Adoption

INCITS/ISO/IEC 18584-1:2025 [202x], Information technology - Test methods for on-card biometric comparison applications - Part 1: General principles and specifications (identical national adoption of ISO/IEC 18584-1:2025)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Document establishes conformance testing for the requirements described in ISO/IEC 24787-1, which are: framework for on-card biometric comparison, both in sensor-off-card systems and as part of Biometric System-on-Card; security policies for on-card biometric comparison. Measuring the performance of on-card biometric comparison algorithms such as error rates or speed is not within the scope of this document.

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

Deborah Spittle <INCITS-comments@connectedcommunity.org> | 700 K Street NW, Suite 600 | Washington, DC 20001 www.incits.org

National Adoption

INCITS/ISO/IEC 19075-10:2024 [202x], Information technology - Guidance for the use of database language SQL - Part 10: SQL model (Guide/Model) (identical national adoption of ISO/IEC 19075-10:2024)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Describes the model of database language SQL as defined in ISO/IEC 9075-1, ISO/IEC 9075-2, and ISO/IEC 9075-11. The meanings of and the relationships between various concepts of that model are described in text and illustrated graphically. Background in the form of some historical review and a brief overview of key SQL features is included.

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

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National Adoption

INCITS/ISO/IEC 19763-6:2015 [202x], Information technology - Metamodel framework for interoperability (MFI) - Part 6: Registry Summary (identical national adoption of ISO/IEC 19763-6:2015)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

The ISO/IEC 19763 family of standards defines normative metamodels for the registration of models (including information models and process models), ontologies, services, and roles & goals. Currently, a lot of metadata registries or model registries were constructed and utilized in many different business domains, such as e-business, healthcare, automobile, electronic devices, and civil construction.

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

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National Adoption

INCITS/ISO/IEC 19763-3:2020/AM1:2024 [202x], Information technology - Metamodel framework for interoperability (MFI) - Part 3: Metamodel for ontology registration - Amendment 1: Alignment with Edition 4 of ISO/IEC 11179-3 (identical national adoption of ISO/IEC 19763-3:2020/AM1:2024)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Amendment 1 to ISO/IEC 19763-3:2020.

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

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National Adoption

INCITS/ISO/IEC 19763-6:2015/AM1:2024 [202x], Information technology - Metamodel framework for interoperability (MFI) - Part 6: Registry Summary - Amendment 1: Alignment with Edition 4 of ISO/IEC 11179-3 (identical national adoption of ISO/IEC 19763-6:2015/AM1:2024)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Amendment 1 to ISO/IEC 19763-6:2015.

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

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National Adoption

INCITS/ISO/IEC 19794-14:2022/AM1:2025 [202x], Information technology - Biometric data interchange formats - Part 14: DNA data - Amendment 1: Conformance requirements (identical national adoption of ISO/IEC 19794 -14:2022/AM1:2025)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Amendment 1 to ISO/IEC 19794-14:2022.

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

Deborah Spittle <INCITS-comments@connectedcommunity.org> | 700 K Street NW, Suite 600 | Washington, DC 20001 www.incits.org

National Adoption

INCITS/ISO/IEC 20008-3:2024 [202x], Information security - Anonymous digital signatures - Part 3: Mechanisms using multiple public keys (identical national adoption of ISO/IEC 20008-3:2024)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Specifies anonymous digital signature mechanisms in which a verifier uses multiple public keys to verify a digital signature. This document provides: a general description of an anonymous digital signature mechanism using multiple public keys; a variety of mechanisms that provide such anonymous digital signatures.

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

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National Adoption

INCITS/ISO/IEC 22592-1:2024 [202x], Office equipment - Print quality measurement methods for colour prints - Part 1: Image quality measurement methods (identical national adoption of ISO/IEC 22592-1:2024)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Specifies test methods as well as test charts to measure the image quality attributes and those variations in colour prints typically used in office environment. Included are digital colour prints formed by using a multifunction or single function printer. Printers supporting a maximum paper size of A4 or larger are suitable for the measurements using the test charts defined in this document.

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

Deborah Spittle <INCITS-comments@connectedcommunity.org> | 700 K Street NW, Suite 600 | Washington, DC 20001 www.incits.org

National Adoption

INCITS/ISO/IEC 22592-2:2024 [202x], Office equipment - Print quality measurement methods for colour prints - Part 2: Registration and magnification accuracy (identical national adoption of ISO/IEC 22592-2:2024)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Specifies test methods as well as test charts to measure the geometric property attributes and those variations in duplex colour prints typically used in office environment. This document is applicable to duplex prints comprising several sheets which are printed colour images on both surfaces of a substrate.

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

Deborah Spittle <INCITS-comments@connectedcommunity.org> | 700 K Street NW, Suite 600 | Washington, DC 20001 www.incits.org

National Adoption

INCITS/ISO/IEC 22592-3:2025 [202x], Office equipment - Print quality measurement methods for colour prints - Part 3: Physical durability measurement methods (identical national adoption of ISO/IEC 22592-3:2025)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Specifies test methods as well as test charts for measuring the physical durability attributes of duplex colour prints, typically used in office environment. This document is applicable to duplex prints comprising several sheets with colour images printed on both sides of a substrate. A multifunction or single function printer is used to form the duplex prints.

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

Deborah Spittle <INCITS-comments@connectedcommunity.org> | 700 K Street NW, Suite 600 | Washington, DC 20001 www.incits.org

National Adoption

INCITS/ISO/IEC 23264-2:2024 [202x], Information security - Redaction of authentic data - Part 2: Redactable signature schemes based on asymmetric mechanisms (identical national adoption of ISO/IEC 23264-2:2024)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Specifies cryptographic mechanisms to redact authentic data. The mechanisms described in this document offer different combinations of the security properties defined and described in ISO/IEC 23264-1. For all mechanisms, this document describes the processes for key generation, generating the redactable attestation, carrying out redactions and verifying redactable attestations.

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

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National Adoption

INCITS/ISO/IEC 27035-4:2024 [202x], Information technology - Information security incident management - Part 4: Coordination (identical national adoption of ISO/IEC 27035-4:2024)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Provides guidelines for multiple organizations handling information security incidents in a coordinated manner. It also addresses the impacts of external cooperation on the internal incident management of an individual organization and provides guidelines for an individual organization to adapt to the coordination process. Furthermore, it provides guidelines for the coordination team, if it exists, to perform coordination activities supporting the cross-organization incident response.

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

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National Adoption

INCITS/ISO/IEC 29794-5:2025 [202x], Information technology - Biometric sample quality - Part 5: Face image data (identical national adoption of ISO/IEC 29794-5:2025)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Establishes requirements on implementations that quantify how a face image's properties conform with those of canonical face images, for example those specified in ISO/IEC 39794-5:2019, Clause D.1, for three use-cases: (1) collection of reference samples for ID documents; (2) sample system enrollment; and (3) probes for instantaneous response. This document also establishes terms and definitions for quantifying face image quality and specifies methods for quantifying the quality of face images.

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

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National Adoption

INCITS/ISO/IEC 30137-1:2024 [202x], Information technology - Use of biometrics in video surveillance systems - Part 1: System design and specification (identical national adoption of ISO/IEC 30137-1:2024 and revision of INCITS/ISO/IEC 30137-1:2019 [2021])
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Defines the key terms for use in the specification of biometric technologies in a VSS, including metrics for defining performance; provides guidance on the selection of camera types, placement of cameras, image specification, etc., for the operation of a biometric recognition capability in conjunction with a VSS; provides guidance on the composition of the gallery (or watchlist) against which facial images from the VSS are compared, including the selection of appropriate images of sufficient quality, and the size of the gallery in relation to performance requirements.

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

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National Adoption

INCITS/ISO/IEC 5152:2024 [202x], Information technology - Biometric performance estimation methodologies using statistical models (identical national adoption of ISO/IEC 5152:2024)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Provides statistical methodologies to estimate false match rates (FMRs) from small biometric sample sets. This document intends to: lay out a methodology for biometric performance estimation based on extrapolation using extreme value statistical models; provide statistical methodologies to estimate FMRs of biometric verification systems; be applicable to systems that include algorithms that produce likelihood dissimilarity or similarity scores; specify the methodology for data recording and result reporting; introduce metrics for the estimated biometric performance.

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

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National Adoption

INCITS/ISO/IEC 7184:2024 [202x], Office equipment - Security requirements for hard copy devices (HCDs) - Part 1: Definition of the basic requirements (identical national adoption of ISO/IEC 7184:2024)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Defines basic security requirements for the protection of hard copy devices (HCDs) including identification and authentication, security management, software update, field-replaceable nonvolatile storage data protection, network data protection and public switched telephone network (PSTN) fax-network separation.

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

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National Adoption

INCITS/ISO/IEC 17823:2024 [202x], Information technology - Office equipment - Vocabulary for office colour equipment (identical national adoption of ISO/IEC 17823:2024 and revision of INCITS/ISO/IEC 17823:2015 [R2022])
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Document provides definitions for colour terms used with office equipment, in particular for use with colour scanning and printing devices that have digital imaging capabilities, including multi-function devices. This document is not intended to replace terms and definitions published in documents or user interfaces issued or created by manufacturers.

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

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National Adoption

INCITS/ISO/IEC 18031:2025 [202x], Information technology - Security techniques - Random bit generation (identical national adoption of ISO/IEC 18031:2025 and revision of INCITS/ISO/IEC 18031:2011 [R2022], INCITS/ISO/IEC 18031:2011/AM1:2017 [R2024], INCITS/ISO/IEC 18031:2011/COR1:2014 [R2023])
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Specifies a conceptual model for a random bit generator for cryptographic purposes, together with the elements of this model. This document specifies the characteristics of the main elements required for both non-deterministic and deterministic random bit generators. It also establishes the security requirements for both non-deterministic and deterministic random bit generators.

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

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National Adoption

INCITS/ISO/IEC 24741:2024 [202x], Information technology - Biometrics - Overview and application (identical national adoption of ISO/IEC 24741:2024)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Describes the history and purpose of biometrics, the various biometric technologies in general use today (for example, fingerprint recognition, face recognition and iris recognition) and the architecture of the systems and the system processes that allow automated recognition using those technologies. It provides information on the application of biometrics in various business domains, such as border management, law enforcement and driver licencing.

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

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National Adoption

INCITS/ISO/IEC 27011:2024 [202x], Information security, cybersecurity and privacy protection - Information security controls based on ISO/IEC 27002 for telecommunications organizations (identical national adoption of ISO/IEC 27011:2024 and revision of INCITS/ISO/IEC 27011:2016 [R2024], INCITS/ISO/IEC 27011:2016/COR 1:2018 [R2024])
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Provides guidelines supporting the implementation of information security controls in telecommunications organizations.
The adoption of this document will allow telecommunications organizations to meet baseline information security management requirements of confidentiality, integrity, availability and any other relevant information security property.

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

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National Adoption

INCITS/ISO/IEC 27562:2024 [202x], Information technology - Security techniques - Privacy guidelines for fintech services (identical national adoption of ISO/IEC 27562:2024)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Provides guidelines on privacy for fintech services. It identifies all relevant business models and roles in consumer-to-business relations and business-to-business relations, as well as privacy risks and privacy requirements, which are related to fintech services. It provides specific privacy controls for fintech services to address privacy risks.

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

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National Adoption

INCITS/ISO/IEC 29184:2020 [202x], Information technology - Online privacy notices and consent (identical national adoption of ISO/IEC 29184:2020)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Document specifies controls which shape the content and the structure of online privacy notices as well as the process of asking for consent to collect and process personally identifiable information (PII) from PII principals. This document is applicable in any online context where a PII controller or any other entity processing PII informs PII principals of processing.

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

Deborah Spittle <INCITS-comments@connectedcommunity.org> | 700 K Street NW, Suite 600 | Washington, DC 20001 www.incits.org

National Adoption

INCITS/ISO/IEC 39075:2024 [202x], Information technology - Database languages - GQL (identical national adoption of ISO/IEC 39075:2024)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Defines data structures and basic operations on property graphs. It provides capabilities for creating, accessing, querying, maintaining, and controlling property graphs and the data they comprise. This document specifies the syntax and semantics of a data management language for specifying and modifying the structure of property graphs and collections thereof.

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

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National Adoption

INCITS/ISO/IEC 27013:2021/AM1:2024 [202x], Information security, cybersecurity and privacy protection - Guidance on the integrated implementation of ISO/IEC 27001 and ISO/IEC 20000-1 - Amendment 1 (identical national adoption of ISO/IEC 27013:2021/AM1:2024)
Stakeholders: ICT Industry

Project Need: Adoption of this International Standard is beneficial to the ICT Industry

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

Amendment 1 to ISO/IEC 27013:2021.

MSS (Manufacturers Standardization Society)

Stefania Adjei <standards@msshq.org> | 441 N. Lee Street | Alexandria, VA 22314 www.mss-hq.org

Revision

BSR/MSS SP-96-202x, Terminology for Valves, Fittings, and Their Related Components (revision of ANSI/MSS SP-96 -2017)
Stakeholders: Paper/Food/Chemical/Petro-chemical/Nuclear power/Hydroelectric/water/wastewater/Fossil fuel power.

Project Need: A search of terminology standards by US SDOs revealed that MSS SP-96 is a unique and important standard on the subject of terminology for valves and fittings. ISA publishes a focused standard on Control Valves and ASTM publishes terminology standards on various materials, but there is no comprehensive American National Standard for valves/fittings. Industry will benefit from having MSS SP-96 as an American National Standard, with a common list of preferred terms/definitions, to improve communication and further promote standardization.

Interest Categories: Paper/Food/Chemical/Petro-chemical/Nuclear power/Hydroelectric/water/wastewater/Fossil fuel power.

The SP-96 standard lists and defines principle terms and acronyms widely used to describe general purpose valves, fittings, and related components. It is comprised of separate sections which contain: (1) Acronyms for organizations whose documents are applicable to valves and fittings, and a brief summary of the applicable area of interest; (2) A glossary of terms used in valve and fittings specifications to describe design, operation, and performance characteristics; and (3) Abbreviations commonly used in the valve and fittings industry.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 33 202x, Test Method for Diameter of Drop Cable (revision of ANSI/SCTE 33-2016)
Stakeholders: Cable Telecommunications Industry

Project Need: Update current technology

Interest Categories: User, Producer, General Interest

To determine the physical dimensions of the components in coaxial cable drop cables by using relatively inexpensive equipment. Components include: Jacket outside diameter, diameter over foil on dielectric, center conductor diameter, ovality.

SCTE (Society of Cable Telecommunications Engineers)

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New Standard

BSR/SCTE DVS 1619-202x, Free Ad-Supported Streaming Television (FAST) Services Utilizing SCTE Technologies (new standard)
Stakeholders: Cable Telecommunications Industry

Project Need: Create a new standard

Interest Categories: Producer, User, General Interest

This standard defines constraints to allow multichannel video programming distributors (MVPDs) to integrate Free Ad-Supported Streaming Television (FAST) services into their applications without the need for separate client-based apps. This standardized onboarding of FAST services will be facilitated using existing SCTE standards. Also covered are methods to share content and channel metadata in order to be integrated into traditional MVPD guides using SCTE 224 and SCTE 236 standards.

SDI (ASC A250) (Steel Door Institute)

Linda Hamill <leh@wherryassoc.com> | 30200 Detroit Road | Westlake, OH 44145 www.wherryassocsteeldoor.org

Revision

BSR A250.4-202x, Test Procedure & Acceptance Criteria for Steel Doors, Frames and Frame Anchors (revision of ANSI A250.4-2024)

Stakeholders: Architects, specifiers, and end-users of the product.

Project Need: To satisfy the proposed revision approved by the Technical Committee of SDI at their February 2025 meeting.

Interest Categories: Consumers, Producers, and General Interest

The primary purpose of this procedure shall be to establish a standard method of testing the performance of a steel door mounted in hollow metal or channel iron frame installed with appropriate anchors, under conditions that might reasonably be considered an accelerated field operating condition.

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: August 31, 2025

AIA (Aerospace Industries Association)

1000 Wilson Boulevard, Suite 1700, Arlington, VA 22209 | chris.carnahan@aia-aerospace.org, www.aia-aerospace.org

New Standard

BSR/AIA NAS9945-202x, Airworthiness Engineering Training and Education (new standard)
NAS9945 is intended to support United States (US) aviation and aerospace education programs, colleges and universities, and design, manufacturing and/or maintenance organizations in developing and implementing airworthiness training for engineering students, engineers and Airworthiness Professionals (Airworthiness Engineers and Specialists) involved with the certification and/or continuing airworthiness of aircraft. This standard identifies guidelines, expectations, and curricula for these entities (and/or similar entities) to provide high quality training and education with the goal of enhancing aviation safety, increasing effectiveness of certification processes, and improving operational performance of organizations involved with certification of and/or continuing airworthiness of aircraft.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: chris.carnahan@aia-aerospace.org

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

180 Technology Parkway, Peachtree Corners, GA 20092 | knguyen@ashrae.org, www.ashrae.org

Addenda

ASHRAE Addendum b to ANSI/ASHRAE Standard 15.2-2024, Safety Standard for Refrigeration Systems in Residential Applications (addenda to ANSI/ASHRAE Standard 15.2-2022)
This addendum proposes modifications to require a leak detection system to be part of a refrigeration system installed in a room where open flame appliances are present.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: August 31, 2025

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
180 Technology Parkway, Peachtree Corners, GA 20092 | knguyen@ashrae.org, www.ashrae.org

Addenda

ASHRAE Addendum c to ANSI/ASHRAE Standard 15-2024, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022)
This addendum updates the pressure relief requirements for pressure vessels having inside dimensions 6" or less and allows them to be protected in accordance with their listing.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

BSR/ASHRAE Addendum 62.1aa-202x, Ventilation and Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2022)
Addendum n to Standard 62.1-2022 requires that when particulate matter or gas phase air cleaning is included in the Indoor Air Quality Procedure (IAQP) design that the efficiencies utilized are in accordance with defined testing standards or a custom efficiency test performed by a third-party lab. However, Addendum n only requires manufacturers to provide initial removal efficiencies and does not require or account for the performance of the air cleaner or filter over its operational life. Some technologies decrease in efficiency over time as they become loaded with contaminants. This can lead to a mass balance design that results in a concentration for a given contaminant that is below the Design Limit when using the initial efficiency of a technology but may exceed the limit as its performance degrades during operation over time. To prevent this mismatch between design assumptions and real-world conditions, this proposed addendum introduces the requirement to use the End-of-Useful-Life Efficiency (EEOL) for formaldehyde.
Click here to view these changes in full
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Addenda

BSR/ASHRAE Addendum 62.1f-202x, Ventilation and Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2022)
This proposed addendum improves the resiliency of a building by improving the ability to adjust ventilation quickly and easily in response to air quality related emergency conditions. It will add a minimum requirement for the control system to include an Economizer Shutdown in the event that the outdoor air is more contaminated than typical, for example during a wildfire event to ensure that not more than the minimum airflow is provided. It also includes at a minimum a Demand Control Ventilation Shutdown in the event that there are unusual sources within the building that require dilution to ensure that not less than the minimum airflow is provided. An additional Infection Risk Management Mode is added to comply with Standard 241 Building Readiness Plan.
Click here to view these changes in full
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Comment Deadline: August 31, 2025

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Addenda

BSR/ASHRAE Addendum 62.1y-202x, Ventilation and Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2022)
This proposed addendum modifies Section 6.2.6.1.5 Documentation to include the value of the occupant component (Rp x Pz) and building component (Ra x Az) for each demand controlled ventilation (DCV) zone. The building component of outdoor airflow is required for a DCV zone per Section 6.2.6.1.2. Control vendors often struggle on the job site to calculate these numbers as this requires the information on Occupancy type and the area of the DCV zone in question which are listed in Table 6-2. And this information is generally not readily available at the site.
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Addenda

BSR/ASHRAE Addendum 62.1z-202x, Ventilation and Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2022)
The code currently exempts laboratories and animal facilities from meeting the ventilation rates in Table 6-1 when certain conditions are met but does not exempt them from the minimum exhaust airflow rate requirements of Table 6-2. This proposed addendum corrects this oversight and allows qualified professionals to establish the minimum exhaust rates required. ANSI Z9.5-2022 also does not set a minimum air change rate and notes that studies have shown that laboratories can be operated safely at as low as 2 ACH under demand control sequences. The current exhaust rate of 1.0 CFM/SF (5.0 L/s·m2) is roughly equivalent to 6 ACH, thus preventing laboratories from turning down to 2 ACH. In order to allow these energy savings, consistent with ANSI Z9.5, the minimum exhaust rate is reduced to 0.35 CFM/SF (1.75 L/s m2). The name of the occupancy category is also corrected in Table 6-2 to Science laboratories to be consistent with Table 6-1, Informative Appendix J, and Informative Appendix M.
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ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME B89.4.23-202x, X-Ray Computed Tomography (CT) Performance Evaluation (revision of ANSI/ASME B89.4.23-2020)
This Standard specifies the dimensional measurement accuracy of industrial X-ray computed tomography (CT) systems for length, size, and form measurands of sphere-based test objects made of homogeneous materials. Medical CT systems are outside the scope of this Standard. This Standard is applicable to dimensional measurements made at the surface of the workpiece, i.e., at the workpiece material–air interface, including those of internal cavities.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Justin Cassamassino <cassasmassinoj@asme.org>

Comment Deadline: August 31, 2025

AWWA (American Water Works Association)

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

Revision

BSR/AWWA D110-202x, Wire- and Strand-Wound, Circular, Prestressed Concrete Water Tanks (revision of ANSI/AWWA D110-2013 (R2018))
The intent of this standard is to provide minimum requirements for the design, construction, inspection, and maintenance of wire- and strand-wound, circular, prestressed concrete water tanks with the following four types of core walls:
Type I—cast-in-place concrete with vertical prestressed reinforcement;
Type II—shotcrete with a steel diaphragm;
Type III—precast concrete with a steel diaphragm;
Type IV—cast-in-place concrete with a steel diaphragm.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105 | cleone@nsf.org, www.nsf.org

Revision

BSR/NSF/CAN 61-202x (i198r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2024)
This standard is intended to cover specific materials or products that come into contact with: drinking water, drinking water treatment chemicals, or both. The focus of the standard is evaluation of contaminants or impurities imparted indirectly to drinking water.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Cassandra Leone <cleone@nsf.org>

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 62841-2-6-202x, UL Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-6: Particular Requirements for Hand-Held Hammers (revision of ANSI/UL 62841-2-6-2024)
Proposed revision to Table I.102 and Figure AA 6.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.org/

Comment Deadline: September 15, 2025

AGMA (American Gear Manufacturers Association)

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

National Adoption

BSR/AGMA IEC 61400-4-AXX, Wind energy generation systems - Part 4: Design requirements for wind turbine gearboxes (identical national adoption of IEC 61400-4:2025)
This document is for speed increasing gearboxes for horizontal axis wind turbine drivetrains with a power rating in excess of 500 kW. This applies to newly designed gearboxes for wind turbines installed onshore or offshore and not intended for repaired or refurbished gearboxes, or for the extension of the service life beyond the design life. Guidance is provided on the analysis of the wind turbine loads in relation to the design of the gear and gearbox elements. The gearing elements covered by this document include spur, helical or double helical and their combinations in parallel and epicyclic arrangements in the main power path but not power take off gears. Requirements, design recommendations, and rating of gearboxes with rolling bearings, plain bearings, or combinations of both bearing types are included. Also included are the engineering of shafts, shaft hub interfaces, lubrication, wind turbine controller interface, and the gear case structure. Requirements for dynamic analysis not including noise transmission and emission of the gearbox within the wind turbine system are specified. Further, this document provides requirements and guidance on gearbox design verification, prototype testing and production testing, as well as consideration of design for service and maintenance.
Single copy price: $480.00
Obtain an electronic copy from: tech@agma.org
Send comments (copy psa@ansi.org) to: Todd Praneis, tech@agma.org

ANS (American Nuclear Society)

1111 Pasquinelli Drive, Suite 350, Westmont, IL 60559 | kmurdoch@ans.org, www.ans.org

Reaffirmation

BSR/ANS 56.8-2020 (R202x), Containment System Leakage Testing Requirements (reaffirmation of ANSI/ANS 56.8-2020)
This standard specifies acceptable primary containment leakage rate test requirements to assure valid testing for light water reactors and new small modular reactors. The scope includes (1) leakage test requirements; (2) test instrumentation; (3) test procedures; (4) test methods; (5) acceptance criteria; (6) data analysis; (7) inspection and recording of test results; (8) guidance on which components and pathways require testing; and (9) test frequency.
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Addenda

BSR/ASHRAE Addendum 62.1h-202x, Ventilation and Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2022)
Section 8 of ASHRAE Standard 62.1 addresses Operations and Maintenance of Ventilation Systems and related components. Ventilation systems that are not operated per design or maintained in good working order are subject to degraded performance of maintaining acceptable IAQ and potentially impacting energy use. ASHRAE/ACCA Standard 180 provides maintenance tasks for HVAC systems. A new table (Table 8-1), separate from Standard 180, is based on the requirements of 62.1, could provide facility users with a list of inspection tasks that are important to maintaining acceptable IAQ. It is important to emphasize that this new table is based on inspection and not maintenance.
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Addenda

BSR/ASHRAE Addendum 62.1v-202x, Ventilation and Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2022)
Standard 62.1 references a number of documents that are regularly updated by their cognizant bodies. This proposed addendum seeks to maintain references to the most recent relevant version of the referenced standards. In some cases the cognizant authority has been changed or clarified to indicate the correct agency and the relevant references updated in the text for consistency. Note that review of the most recent references has resulted in updates to design limits in Table 6-5.
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Addenda

BSR/ASHRAE Addendum 62.1w-202x, Ventilation and Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2022)
This proposed addendum adjusts the default occupant densities given in Table 6-1 so as not to exceed the occupant density allowances in the International Building Code 2024. This proposed addendum also renames three Occupancy Categories for clarity.
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ASTM (ASTM International)
100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 | accreditation@astm.org, www.astm.org

New Standard

BSR/ASTM E2548-202x, Guide for Sampling Seized Drugs for Qualitative and Quantitative Analysis (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
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New Standard

BSR/ASTM WK70499-202x, Guide for Inspection and Maintenance of Commercially Installed Indoor Gymnasium Equipment (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
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New Standard

BSR/ASTM WK71875-202x, Practice for Sampling and Testing Synthetic Turf Fiber and Fabric for PFAS (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
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New Standard

BSR/ASTM WK89493-202x, Guide for Forensic Examination and Comparison of Paints and Coatings (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
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New Standard

BSR/ASTM WK90158-202x, Practice for Training in the Areas of Video Analysis, Image Analysis, and Photography (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
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New Standard

BSR/ASTM WK90190-202x, Guide for Forensic Photogrammetry (new standard)
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New Standard

BSR/ASTM WK92115-202x, Terminology for Standard Terminology Relating to Trace Evidence Analysis (new standard)
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Reaffirmation

BSR/ASTM F1446-2020 (R202x), Test Methods for Equipment and Procedures Used in Evaluating the Performance Characteristics of Protective Headgear (reaffirmation of ANSI/ASTM F1446-2020)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Reaffirmation

BSR/ASTM F1979-2017 (R202x), Specification for Projectiles Used in the Sport of Paintball (reaffirmation of ANSI/ASTM F1979-2017 (R2021))
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Reaffirmation

BSR/ASTM F2030-2021 (R202x), Specification for Paintball Cylinder Burst Disk Assemblies (reaffirmation of ANSI/ASTM F2030-2021)
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Reaffirmation

BSR/ASTM F2530-2013 (R202x), Specification for Protective Headgear with Faceguard Used in Bull Riding (reaffirmation of ANSI/ASTM F2530-2013 (R2020))
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Reaffirmation

BSR/ASTM F2553-2016 (R202x), Specification for Warnings on Refillable CO2 Cylinders Used In the Sport of Paintball (reaffirmation of ANSI/ASTM F2553-2016 (R2020))
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Reaffirmation

BSR/ASTM F2653-2011 (R202x), Specification for Paintball Valve Male Threaded Connection for Use with Approved Cylinders (reaffirmation of ANSI/ASTM F2653-2011 (R2020))
https://www.astm.org/get-involved/technical-committees/ansi-review
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Reaffirmation

BSR/ASTM F2727-2009 (R202x), Guide for Manufacturers for Labeling Headgear Products (reaffirmation of ANSI/ASTM F2727-2009 (R2020))
https://www.astm.org/get-involved/technical-committees/ansi-review
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Reaffirmation

BSR/ASTM F2773-2013 (R202x), Practice for Transfilling Compressed Air or Nitrogen and Safe Handling of Small Paintball Cylinders (reaffirmation of ANSI/ASTM F2773-2013 (R2021))
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Reaffirmation

BSR/ASTM F2856-2012 (R202x), Practice for Transfilling and Safe Handling of Small CO2 Cylinders for Use in Paintball (reaffirmation of ANSI/ASTM F2856-2012 (R2020))
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Reaffirmation

BSR/ASTM F2940-2021 (R202x), Practice for Air Soft Field Operation (reaffirmation of ANSI/ASTM F2940-2021)
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Reaffirmation

BSR/ASTM F2941-2021 (R202x), Practice for Air Soft Player Safety Briefing (reaffirmation of ANSI/ASTM F2941-2021)
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Reaffirmation

BSR/ASTM F2949-2018 (R202x), Specification for Pole Vault Box Collars (reaffirmation of ANSI/ASTM F2949-2018)
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Reaffirmation

BSR/ASTM F3383-2020 (R202x), Test Method for Filament Bind of Single Fibers in Synthetic Turf (reaffirmation of ANSI/ASTM F3383-2020)
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Revision

BSR/ASTM D2513-202x, Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513-2024)
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Revision

BSR/ASTM E1492-202x, Practice for Receiving, Documenting, Storing, and Retrieving Evidence in a Forensic Science Laboratory (revision of ANSI/ASTM E1492-2011 (2017))
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Revision

BSR/ASTM E1610-202x, Guide for Forensic Paint Analysis and Comparison (revision of ANSI/ASTM E1610-2018)
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Revision

BSR/ASTM E1968-202x, Practice for Microcrystal Testing in Forensic Analysis for Cocaine (revision of ANSI/ASTM E1968-2019)
https://www.astm.org/get-involved/technical-committees/ansi-review
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Revision

BSR/ASTM E1969-202x, Practice for Microcrystal Testing in Forensic Analysis for Methamphetamine and Amphetamine (revision of ANSI/ASTM E1969-2019)
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Revision

BSR/ASTM E2125-202x, Practice for Microcrystal Testing in Forensic Analysis for Phencyclidine and Its Analogues (revision of ANSI/ASTM E2125-2019)
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Revision

BSR/ASTM E2329-202x, Practice for Identification of Seized Drugs (revision of ANSI/ASTM E2329-2017)
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100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 | accreditation@astm.org, www.astm.org

Revision

BSR/ASTM E2882-202x, Guide for Analysis of Clandestine Drug Laboratory Evidence (revision of ANSI/ASTM E2882-2019)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: September 15, 2025

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

Revision

BSR/ASTM E2998-202x, Practice for Identification and Classification of Smokeless Powder (revision of ANSI/ASTM E2998-2025)
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

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

Revision

BSR/ASTM E2999-202x, Test Methods for Analysis of Organic Compounds in Smokeless Powder by Gas Chromatography-Mass Spectrometry and Fourier Transform Infrared Spectroscopy (revision of ANSI/ASTM E2999-2025)
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

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

Revision

BSR/ASTM F803-202x, Specification for Eye Protectors for Selected Sports (revision of ANSI/ASTM F803-2019)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

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

Revision

BSR/ASTM F1492-202x, Specification for Helmets Used in Skateboarding and Trick Roller Skating (revision of ANSI/ASTM F1492-2022)
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: September 15, 2025

ASTM (ASTM International)

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

Withdrawal

ANSI/ASTM F3103-2014 (R2020), Specification for Testing Off-Road Motorcycle and ATV Helmets (withdrawal of ANSI/ASTM F3103-2014 (R2020))
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

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street, NW, Ste 500, Washington, DC 20005 | masefa@atis.org, www.atis.org

New Standard

BSR/ATIS 0600042-202x, Direct Contact Cooling Systems (new standard)
This standard covers the requirements for the review of Direct Contact Cooling Systems.
Single copy price: Free
Obtain an electronic copy from: masefa@atis.org
Send comments (copy psa@ansi.org) to: Mignot Asefa <masefa@atis.org>

AWPA (ASC O5) (American Wood Protection Association)

2430 US Highway 27 STE #330-223, Clermont, FL 34714 | email@awpa.com, www.awpa.com

Revision

BSR O5.2-202x, Structural Glued Laminated Timber for Utility Structures (revision of ANSI O5.2-2020)
This standard covers requirements for manufacturing and quality control of structural glued laminated timber of Southern Pine (longleaf, slash, shortleaf, loblolly), Coastal Douglas-fir, Hem-Fir and other species of similar treatability for electric power and communications structures (single use or joint use). The requirements are based on those in standard for Structural Glued Laminated Timber, ANSI A190.1. This standard is supplemental to ANSI A190.1 and provides descriptions of the special manufacturing and design requirements for glued laminated utility structures.
Single copy price: $50.00
Obtain an electronic copy from: email@awpa.com
Send comments (copy psa@ansi.org) to: Same

AWWA (American Water Works Association)

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

Revision

BSR/AWWA B112-202x, Microfiltration and Ultrafiltration Membrane Systems (revision of ANSI/AWWA B112-2019)
This standard sets minimum requirements for microfiltration (MF) and ultrafiltration (UF) membrane systems for water and reclaimed water filtration systems. This standard does not cover the membranes used in biological wastewater treatment, such as membrane bioreactors.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

Comment Deadline: September 15, 2025

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR/CSA NGV 4.1 (R202x), Natural gas vehicle (NGV) dispensing systems (reaffirmation of ANSI/CSA NGV 4.1/CSA 12.5-2018 (R2022))
This Standard applies to: (a) the mechanical and electrical features of newly manufactured systems that dispense natural gas for vehicles (NGV) where such a dispensing system is intended primarily to dispense the fuel directly into the fuel storage container of the vehicle; (b) NGV dispensers contained in a single housing; and (c) NGV dispensers contained in multiple housings for metering and registering devices, remote electronics, remote overfill protection, hoses, and nozzles.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: Same

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR/CSA Z83.26-2020/CSA 2.37-2020 (R202x), Gas-fired outdoor infrared patio heaters (same as CSA 2.37) (reaffirmation of ANSI Z83.26-2020/CSA 2.37-2020)
This Standard applies to newly produced gas-fired outdoor infrared patio heaters hereinafter referred to as “heaters” or “appliances”, constructed entirely of new, unused parts and materials for use with: (a) natural gas; or (b) propane. The heaters covered by this Standard are intended for installation in and heating of residential or nonresidential spaces. Infrared patio heaters may be suspended overhead, angle-mounted overhead, wall-mounted, floor-mounted or for tabletop use.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

Revision

BSR/EIA 364-63A-202x, Accessory Thread Strength Test Procedure for Circular Electrical Connectors (revision and redesignation of ANSI/EIA 364-63-2013 (R2019))
This test procedure establishes a test method to determine whether accessory thread strength and portion of the connector that accepts cable clamps and “J” adaptors shall be capable of withstanding torque requirements specified in the referencing document.
Single copy price: $78.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: emikoski@ecianow.org

Comment Deadline: September 15, 2025

HSI (Healthcare Standards Institute)

3004 Sea Pines Place, League City, TX 77573 | lwebster@ingenesis.com, www.hsi.health/

New Standard

BSR/HSI 2200-202x, Healthcare Organization Management - Bill Only (new standard)
The process for documenting the use of and billing of implantable medical devices and accessories that are procured during surgery and billed after a procedure. Processes outside of a standard purchase have historically been very manual and varies widely with Providers, Suppliers, operational systems, and other stakeholders. This complexity and lack of standards results in compliance concerns, duplicative and manual documentation, and delays in the proper processing of medical products used in the care of the patient. The complexity and duplicative nature of multiple diverse processes also adds to the overall cost of care as well as inaccurate accounting and reimbursement for products and services utilized. This Standard is designed as a tool to allow an organization to identify and document the essential data elements required for accurate and efficient Bill Only product handling across all stakeholders. The project aims to define and align these data elements to established standards, ensuring seamless communication and transmission between relevant parties. By creating stakeholder-specific datasets, excluding unnecessary elements, and establishing a unified communication method, this effort seeks to streamline operations and enhance clarity and efficiency in the Bill Only process.
Single copy price: $175.00
Obtain an electronic copy from: info@hsi.health
Send comments (copy psa@ansi.org) to: Lee Webster, info@hsi.health

ISA (International Society of Automation)

3252 S. Miami Blvd, Suite 102, Durham, NC 27703 | tbailey@isa.org, www.isa.org

New Standard

BSR/ISA 112.01-202x, SCADA Lifecycle, Diagrams and Terminology (new standard)
ISA-112.01-2025 standard represents Part 1 of the ISA's first standard series that is focused on the long-term management of SCADA systems. This document provides a framework which includes a reference model architecture, terminology, and lifecycle that represents the minimum requirements to build and maintain an effective SCADA system.
Single copy price: $350.00 USD list and 280.00 USD member
Obtain an electronic copy from: www.ISA.org
Send comments (copy psa@ansi.org) to: Same

ISA (International Society of Automation)

3252 S. Miami Blvd, Suite 102, Durham, NC 27703 | lfranke@isa.org, www.isa.org

Reaffirmation

BSR/ISA 96.03.01-2019 (R202x), Guidelines for the Specification of Heavy Duty Pneumatically Powered Quarter Turn Scotch Yoke Valve Actuators (reaffirmation of ANSI/ISA 96.03.01-2019)
This standard provides general requirements for the development of specifications for pneumatic scotch yoke actuators. This document applies to actuators with a maximum allowable operating pressure (MAOP) up to 250 psig with a compressed gas (i.e., instrument air).
Single copy price: $9.00
Obtain an electronic copy from: lfranke@isa.org
Send comments (copy psa@ansi.org) to: Lynne Franke <lfranke@isa.org>

Comment Deadline: September 15, 2025

NETA (InterNational Electrical Testing Association)

3050 Old Centre Rd, Suite 101, Portage, MI 49024 | ldanzy@netaworld.org, www.netaworld.org

New Standard

BSR/NETA EMW-202x, Standard for Qualification of Electrical Equipment Maintenance Workers for Electrical Equipment & Systems (new standard)
This standard establishes minimum requirements for qualification of the electrical maintenance workers, details the minimum training and experience requirements, and provides criteria for documenting qualifications. It also outlines the minimum qualifications for an independent and impartial certifying body to qualify electrical maintenance workers.
Single copy price: $495.00
Obtain an electronic copy from: ldanzy@netaworld.org
Send comments (copy psa@ansi.org) to: Same

SPRI (Single Ply Roofing Industry)

60 Hickory Drive, Waltham, MA 02451 | info@spri.org, www.spri.org

Reaffirmation

BSR/MCA FTS-1-2019 (R202x), Test Method for Structural Performance of Flashings Used with Metal Roof Systems (reaffirmation of ANSI/MCA FTS-1-2019)
This standard provides a method to evaluate the structural performance of flashings associated with metal roof and wall systems by applying line loads to the flashing attached to supporting material.
Single copy price: Free
Obtain an electronic copy from: info@spri.org
Send comments (copy psa@ansi.org) to: Same

ULSE (UL Standards and Engagement)

12 Laboratory Dr, Research Triangle, NC 27709 | anastasia.letaw@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 1439-2021 (R202x), Standard for Safety for Tests for Sharpness of Edges on Equipment (reaffirmation of ANSI/UL 1439-2021)
(1) Reaffirmation and continuance of the Fifth Edition of the Standard for Safety for Tests for Sharpness of Edges on Equipment, UL 1439, as an American National Standard.
Single copy price: Free..00
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

Comment Deadline: September 30, 2025

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR/CSA FC 5-2021 (R202x), Hydrogen generators using fuel processing technologies - Part 1: Safety (reaffirm a national adoption ANSI/CSA FC 5-2021)
This Standard applies to packaged, self-contained, or factory-matched hydrogen generation systems, herein referred to as hydrogen generators, that convert an input fuel to a hydrogen-rich stream of composition and conditions suitable for the type of device using the hydrogen (e.g., a fuel cell power system or a hydrogen compression, storage, and delivery system). It applies to hydrogen generators using one or a combination of the following input fuels:
☐ natural gas and other methane-rich gases derived from renewable (biomass) or fossil fuel sources, e.g., landfill gas, digester gas, coal mine gas;
☐ fuels derived from oil refining, e.g., diesel, gasoline, kerosene, liquefied petroleum gases such as propane and butane;
☐ alcohols, esters, ethers, aldehydes, ketones, Fischer-Tropsch liquids and other suitable hydrogen-rich organic compounds derived from renewable (biomass) or fossil fuel sources, e.g., methanol, ethanol, di-methyl ether, biodiesel;
☐ gaseous mixtures containing hydrogen gas, e.g., synthesis gas, town gas.
This is applicable to stationary hydrogen generators intended for indoor and outdoor commercial, industrial, light industrial and residential use. This part of ISO 16110 is a product safety standard suitable for conformity assessment as stated in IEC Guide 104, ISO/IEC Guide 51 and ISO/IEC Guide 7.
Single copy price: Free
Order from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: Same

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR/CSA FC 1 CSA C22.2 No. 62282-3-100-2021 (R202x), Fuel cell technologies - Part 3-100: Stationary fuel cell power systems - Safety (reaffirm a national adoption ANSI/FC 1 CSA C22.2 No. 62282-3-100-2021)
This part of IEC 62282 applies to stationary packaged, self-contained fuel cell power systems or fuel cell power systems comprised of factory matched packages of integrated systems which generate electricity through electrochemical reactions. This document applies to systems: intended for electrical connection to mains direct, or with a transfer switch, or to a stand-alone power distribution system; intended to provide AC or DC power; with or without the ability to recover useful heat; intended for operation on the following input fuels (natural gas and other methane rich gases); (fuels derived from oil refining); (alcohols, esters, ethers, aldehydes, ketones, Fischer-Tropsch liquids and biodiesel); (hydrogen, gaseous mixtures containing hydrogen gas). This document is applicable to stationary fuel cell power systems intended for indoor and outdoor commercial, industrial and residential use in non-hazardous areas. This document contemplates all significant hazards, hazardous situations and events, with the exception of those associated with environmental compatibility (installation conditions). This document deals with conditions that can yield hazards on the one hand to persons, and on the other to damage outside the fuel cell power system only.
Single copy price: Free
Order from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: September 30, 2025

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR/CSA HPRD 1-2021 (R202x), Thermally activated pressure relief devices for compressed hydrogen vehicle (HGV) fuel containers (reaffirmation of ANSI/CSA HPRD 1-2021)
This Standard establishes minimum requirements for pressure relief devices intended for use on fuel containers that comply with CSA/ANSI HGV 2, CSA B51, Part 2, or SAE J2579. Pressure relief devices designed to comply with this Standard are intended to be used with hydrogen fuel complying with SAE J2719 or ISO 14687. Pressure relief devices may be of any design or manufacturing method that meets the requirements of this Standard. The construction of pressure relief devices, whether specifically covered in this Standard or not, are to be in accordance with reasonable concepts of safety, performance, and durability. This Standard does not apply to reseating, resealing, or pressure activated devices. Documents that apply to hydrogen fuel vehicles and hydrogen fuel subsystems include SAE J2578 and SAE J2579. Other regulations, standards, or codes might permit or require the use of pressure relief devices certified to comply with this Standard. Additional service conditions or requirements beyond the scope of this Standard are the responsibility of those standards development organizations or the authority having jurisdiction.
Single copy price: Free
Order from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: Same

ULSE (UL Standards and Engagement)

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

National Adoption

BSR/UL 62841-2-18-202x, UL Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-18: Particular Requirements for Hand-Held Strapping Tools (identical national adoption of IEC 62841-2-18)
Proposed adoption of the First Edition of IEC 62841-2-18, Standard For Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety – Part 2-18: Particular Requirements For Hand-Held Strapping Tools, as the First Edition of UL 62841-2-18.
Single copy price: Free
Order from: https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: https://csds.ul.org/

ULSE (UL Standards and Engagement)

100 Queen Street, Suite 1040, Ottawa, ON K1P 1J9 Canada | hilal.elmisilmani@ul.org, https://ulse.org/

Revision

BSR/UL 1081-202x, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2020)
The proposed revisions include three topics. Topic 1 introduces updates based on the August 30, 2023 revision of UL 4200A, which was updated to comply with 16 CFR 1263 (Reese's Law), aimed at reducing the risk of injury or death from ingestion of button or coin cell batteries by young children. Topic 2 proposes the removal of the reference to the withdrawn UL 6059 standard. Topic 3 includes updates to Section 3, Undated References, and revisions of several referenced standards.
Single copy price: Free
Order from: https://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions on the following website to enter comments into the CSDS Work Area: https://csds.ul.org/ProposalAvailable

Comment Deadline: September 30, 2025

ULSE (UL Standards and Engagement)

100 Queen Street, Suite 1040, Ottawa, ON K1P 1J9 Canada | hilal.elmisilmani@ul.org, https://ulse.org/

Revision

BSR/UL 2460-202x, Standard for Safety for Nonshielded Cable (revision of ANSI/UL 2460-2015 (R2020))
The current edition of this Standard was published in 2015. A new edition is being proposed, which includes editorial revisions that remove the titles of referenced standards from the body of the Standard, in accordance with the UL Standards and Engagement Style Manual. Additionally, a consolidated list of references will be added, combining all referenced standards cited in the text. As part of this update, Section 4, “Undated References”, has been revised to align with the Style Manual.
Single copy price: Free
Order from: https://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions on the following website to enter comments into the CSDS Work Area: https://csds.ul.org/ProposalAvailable

Technical Reports Registered with ANSI

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

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

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

Revision

ASSP TR-A10.100, Technical Report: Prevention through Design - A Life Cycle Approach to Safety and Health in the Construction Industry (revision of technical report ASSP TR-A10.100)
This technical report provides guidance on including prevention through design concepts regarding the application of occupational safety and health principles in the construction industry. Through the application of these concepts, occupational hazards and risks can be identified, avoided, reduced, and/or eliminated before, during and after a building or structure is constructed, renovated, and/or demolished.

Project Withdrawn

NEMA (ASC C78) (National Electrical Manufacturers Association)

1300 N 17th St, Rosslyn, VA 22209 | Michael.Erbesfeld@nema.org, www.nema.org

C78.1501-201X, Electric Lamps - Tungsten-Halogen Lamps with G22 Bases and 63.5 mm LCL (revision of ANSI C78.1501-2001 (R2006))
Send comments (copy psa@ansi.org) to: Michael Erbesfeld <Michael.Erbesfeld@nema.org>

NEMA (ASC C78) (National Electrical Manufacturers Association)

1300 N 17th St, Rosslyn, VA 22209 | Michael.Erbesfeld@nema.org, www.nema.org

BSR C78.43-202x, Electric Lamps - Single-Ended Metal Halide Lamps (revision and redesignation of ANSI ANSLG C78.43-2013)
Send comments (copy psa@ansi.org) to: Michael Erbesfeld <Michael.Erbesfeld@nema.org>

Project Withdrawn

NEMA (ASC C78) (National Electrical Manufacturers Association)
1300 N 17th St, Rosslyn, VA 22209 | Michael.Erbesfeld@nema.org, www.nema.org

BSR C78.44-202x, Electric Lamps: Double-Ended Metal Halide Lamps (revision and redesignation of ANSI C78.44 -2016)
Send comments (copy psa@ansi.org) to: Michael Erbesfeld <Michael.Erbesfeld@nema.org>

NEMA (ASC C78) (National Electrical Manufacturers Association)
1300 N 17th St, Rosslyn, VA 22209 | Michael.Erbesfeld@nema.org, www.nema.org

BSR C78.901-202x, Electric Lamps - Single-Based Fluorescent Lamps - Dimensional and Electrical Characteristics (revision of ANSI ANSLG C78.901-2014)
Send comments (copy psa@ansi.org) to: Michael Erbesfeld <Michael.Erbesfeld@nema.org>

NEMA (ASC C78) (National Electrical Manufacturers Association)
1300 N 17th St, Rosslyn, VA 22209 | Michael.Erbesfeld@nema.org, www.nema.org

BSR C78.62035-201X, Electric Lamps - Discharge Lamps (Excluding Fluorescent Lamps) - Safety Specifications (revision and redesignation of ANSI/IEC C78.62035-2004)
Send comments (copy psa@ansi.org) to: Michael Erbesfeld <Michael.Erbesfeld@nema.org>

NEMA (ASC C78) (National Electrical Manufacturers Association)
1300 N 17th St, Rosslyn, VA 22209 | Michael.Erbesfeld@nema.org, www.nema.org

BSR C119.7-200x, Standard for Connector Systems for Application on High Temperature Conductors - Operating Above 93oC - with Respect to Test Methods, Nomenclature, and Markings (new standard)
Send comments (copy psa@ansi.org) to: Michael Erbesfeld <Michael.Erbesfeld@nema.org>

NEMA (ASC C78) (National Electrical Manufacturers Association)
1300 N 17th St, Rosslyn, VA 22209 | Michael.Erbesfeld@nema.org, www.nema.org

BSR C136.39-200x, Compact Fluorescent Lighting Used in Roadway and Area Lighting (new standard)
Send comments (copy psa@ansi.org) to: Michael Erbesfeld <Michael.Erbesfeld@nema.org>

NEMA (ASC C78) (National Electrical Manufacturers Association)
1300 N 17th St, Rosslyn, VA 22209 | Michael.Erbesfeld@nema.org, www.nema.org

BSR C137.37-202x, Roadway and Area Lighting Equipment-Solid State Light Sources Used in Roadway and Area Lighting (new standard)
Send comments (copy psa@ansi.org) to: Michael Erbesfeld <Michael.Erbesfeld@nema.org>

NEMA (ASC C78) (National Electrical Manufacturers Association)
1300 N 17th St, Rosslyn, VA 22209 | Michael.Erbesfeld@nema.org, www.nema.org

BSR/NEMA/IEC 60974-5-AMD 1-202x, Standard for Arc Welding Equipment - Part 5: Wire Feeders (supplement to ANSI/IEC 60974-5-2008)
Send comments (copy psa@ansi.org) to: Michael Erbesfeld <Michael.Erbesfeld@nema.org>

Project Withdrawn

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

NEMA (National Electrical Manufacturers Association)

1812 N. Moore Street, Suite 2200, Arlington, VA 22209 | connor.grubbs@nema.org , www.nema.org

BSR/NEMA MW 1000-202x, Magnet Wire (revision and redesignation of ANSI/NEMA MW 1000-2015)
Send comments (copy psa@ansi.org) to: Connor Grubbs <connor.grubbs@nema.org >

NEMA (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | zijun.tong@nema.org, www.nema.org

BSR/NEMA PB 1.1-202x, General Instructions for Proper Handling, Installation, Operation, and Maintenance of Panelboards Rated 600 Volts or Less (revision of ANSI/NEMA PB 1.1-2013)
Send comments (copy psa@ansi.org) to: Zijun Tong <zijun.tong@nema.org>

SPRI (Single Ply Roofing Industry)

60 Hickory Drive, Waltham, MA 02451 | info@spri.org, www.spri.org

BSR/SPRI RP-14-202x, Wind Design Standard for Vegetative Roofing Systems (revision of ANSI/SPRI RP-14 -2022)
Send comments (copy psa@ansi.org) to: Cindy Tulimieri <info@spri.org>

Final Actions on American National Standards

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

ASABE (American Society of Agricultural and Biological Engineers)

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

ANSI/ASABE/ISO 21244-2008 JAN2011 (R2025), Agricultural equipment - Mechanical connections between towed and towing vehicles - Implement hitch rings and attachment to tractor drawbars (reaffirm a national adoption ANSI/ASABE/ISO 21244-2008 JAN2011 (R2020)) Final Action Date: 7/23/2025 | *Reaffirmation*

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 | dgreco@atis.org, www.atis.org

ANSI/ATIS 0900105-2015 (S2025), Synchronous Optical Network (SONET) - Basic Description including Multiple Structure, Rates, Formats (stabilized maintenance of ANSI/ATIS 0900105-2015 (R2020)) Final Action Date: 7/24/2025 | *Stabilized Maintenance*

CTA (Consumer Technology Association)

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

ANSI/CTA 6000-2025, Sound system equipment - Part 5: Loudspeakers IEC 60268-5 - Ed. 3 (identical national adoption of IEC 60268-5 - Ed. 3, Sound system equipment - Part 5: Loudspeakers) Final Action Date: 7/25/2025 | *National Adoption*

ANSI/CTA 6001-2025, Audio, video, and related equipment - Determination of power consumption - Part 1: General (IEC 62087-1:2015) (identical national adoption of IEC 62087-1:2015, Audio, video, and related equipment - Determination of power consumption - Part 1: General) Final Action Date: 7/25/2025 | *National Adoption*

ANSI/CTA 6002-2025, Audio, video, and related equipment - Determination of power consumption - Part 2: Signals and media (IEC 62087-2:2015) (identical national adoption of IEC 62087-2:2015, Audio, video, and related equipment - Determination of power consumption - Part 2: Signals and media) Final Action Date: 7/25/2025 | *National Adoption*

ANSI/CTA 6003-2025, Video System (525/60) Video and Accompanied Data Using the Vertical Blanking Interval - Part 2: 525 Progressive Scan System (IEC 61880-2: (2002-09)) (identical national adoption of IEC 61880-2: (2002-09), Video System (525/60) Video and Accompanied Data Using the Vertical Blanking Interval - Part 2: 525 Progressive Scan System) Final Action Date: 7/25/2025 | *National Adoption*

ANSI/CTA 6004-2025, Video System (525/60) Video and Accompanied Data Using the Vertical Blanking Interval - Analogue Interface (IEC 61880: (1998-01)) (identical national adoption of IEC 61880: (1998-01), Video System (525/60) Video and Accompanied Data Using the Vertical Blanking Interval) Final Action Date: 7/25/2025 | *National Adoption*

ANSI/CTA 2063-A R-2025 (R2025), Small Unmanned Aerial Systems Serial Numbers (reaffirmation of ANSI/CTA 2063-A -2019) Final Action Date: 7/22/2025 | *Reaffirmation*

ANSI/CTA 2076 R-2025 (R2025), Inclusive, Audio-based, Network Navigation Systems for All Persons including Those who are Blind/Low Vision (reaffirmation of ANSI/CTA 2076) Final Action Date: 7/25/2025 | *Reaffirmation*

ANSI/CTA 2003-C S-2025 (S2025), Digital Audiobook File Format and Player Requirements (stabilized maintenance of ANSI/CTA 2003-C-2007 (R2019)) Final Action Date: 7/21/2025 | *Stabilized Maintenance*

ANSI/CTA 2014-B S-2025 (S2025), Web-based Protocol and Framework for Remote User Interface on UPnP™ Networks and the Internet (WebCE) (stabilized maintenance of ANSI/CTA 2014-B-2011 (R2019)) Final Action Date: 7/22/2025 | *Stabilized Maintenance*

CTA (Consumer Technology Association)

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

ANSI/CTA 863-B S-2025 (S2025), Connection Color Codes for Home Theater Systems (stabilized maintenance of ANSI/CTA/CEDIA 863-B-2011 (R2018)) Final Action Date: 7/21/2025 | *Stabilized Maintenance*

ANSI/CTA 897 S-2025 (S2025), F-Connector Color Coding for Home Television Systems (stabilized maintenance of ANSI/CTA CEDIA 897-2010 (R2018)) Final Action Date: 7/21/2025 | *Stabilized Maintenance*

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

ANSI/EIA 364-36C-2025, Determination of Gas-Tight Characteristics Test Procedure for Electrical Connectors, and/or Contact Systems (revision and redesignation of ANSI/EIA 364-36B-2006 (R2019)) Final Action Date: 7/23/2025 | *Revision*

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

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

ANSI/ASSE 1072-2025, Performance Requirements for Barrier Type Trap Seal Protection for Floor Drains (revision of ANSI/ASSE 1072-2020) Final Action Date: 7/24/2025 | *Revision*

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

4755 East Philadelphia Street, Ontario, CA 91761 | standards@iapmostandards.org, https://www.iapmostandards.org

ANSI/IAPMO Z1033-2025, Flexible PVC Hoses and Tubing for Pools, Hot Tubs, Spas, and Jetted Bathtubs (revision of ANSI/IAPMO Z1033-2015 (R2020)) Final Action Date: 7/23/2025 | *Revision*

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | s.merten@ieee.org, www.ieee.org

ANSI/IEEE C57.12.52-2025, Standard for Sealed Dry-Type Distribution and Power Transformers (new standard) Final Action Date: 7/25/2025 | *New Standard*

ANSI/IEEE C135.100-2025, Standard for Line Hardware for Overhead Line Construction (new standard) Final Action Date: 7/22/2025 | *New Standard*

ANSI/IEEE/UL 2933-2025, IEEE/UL Standard for Clinical Internet of Things (IoT) Data and Device Interoperability with TIPPSS - Trust, Identity, Privacy, Protection, Safety, and Security (new standard) Final Action Date: 7/22/2025 | *New Standard*

ANSI/IEEE/VITA 2818-2025, Standard for Reliability Component Stress Analysis and Derating Specification (new standard) Final Action Date: 7/23/2025 | *New Standard*

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

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

INCITS/ISO/IEC 7816-1:2011 [R2024], Identification cards - Integrated circuit cards - Part 1: Cards with contacts - Physical characteristics (withdrawal of INCITS/ISO/IEC 7816-1:2011 [R2024]) Final Action Date: 7/24/2025 | *Withdrawal*

NEMA (ASC C80) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | david.richmond@nema.org, www.nema.org

ANSI C80.1-2025, Electric Rigid Steel Conduit (revision of ANSI C80.1-2020) Final Action Date: 7/24/2025 | *Revision*

ANSI C80.5-2025, Electrical Rigid Metal Conduit - Aluminum (ERMC-A) (revision of ANSI C80.5-2020) Final Action Date: 7/24/2025 | *Revision*

RESNET (Residential Energy Services Network, Inc.)

P.O. Box 4561, Oceanside, CA 92052 | rick.dixon@resnet.us, www.resnet.us.com

ANSI/RESNET/ICC 301-2025, Standard for the Calculation and Labeling of the Energy Performance of Dwelling and Sleeping Units using an Energy Rating Index (revision of ANSI/RESNET/ICC 301-2022) Final Action Date: 7/24/2025 | *Revision*

ULSE (UL Standards and Engagement)

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

ANSI/UL 218-2015 (R2025), Standard for Fire Pump Controllers (reaffirmation of ANSI/UL 218-2015 (R2020)) Final Action Date: 7/22/2025 | *Reaffirmation*

ANSI/UL 1446-2020 (R2025), Standard for Safety for Systems of Insulating Materials - General (reaffirmation of ANSI/UL 1446-2020) Final Action Date: 7/24/2025 | *Reaffirmation*

ANSI/UL 83B-2025, Standard for Switchboard and Switchgear Wires and Cables (revision of ANSI/UL 83B-2020) Final Action Date: 7/24/2025 | *Revision*

ANSI/UL 231-2025, Standard for Power Outlets (revision of ANSI/UL 231-2024) Final Action Date: 7/22/2025 | *Revision*

ANSI/UL 498B-2025, Standard for Safety for Receptacles with Integral Switching Means (revision of ANSI/UL 498B -2022) Final Action Date: 7/23/2025 | *Revision*

ANSI/UL 852-2025, Standard for Metallic Sprinkler Pipe for Fire Protection Service (revision of ANSI/UL 852-2018 (R2023)) Final Action Date: 7/24/2025 | *Revision*

ANSI/UL 969-2025, Standard for Safety for Marking and Labeling Systems (revision of ANSI/UL 969-2018 (R2023)) Final Action Date: 7/24/2025 | *Revision*

ANSI/UL 985-2025a, Standard for Household Fire Warning System Units (revision of ANSI/UL 985-2025) Final Action Date: 7/21/2025 | *Revision*

ANSI/UL 1023-2025, Standard for Safety for Household Burglar-Alarm System Units (revision of ANSI/UL 1023-2024) Final Action Date: 7/21/2025 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.
SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.
Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures.
More information is available at www.scte.org or by e-mail from standards@scte.org.

ANSI Accredited Standards Developer

AGSC - Auto Glass Safety Council

Call for Members Notice

Call for Members Notice:

Auto Glass Safety Council (AGSC)
PO Box 569, Garrisonville, VA 22463, kbimber@agsc.org, www.agsc.org, www.nwrassn.org

ANSI/AGSC/AGRSS 005-2022, Auto Glass Safety Council/Automotive Glass Replacement Safety Standard
Interest Categories: Request additional participation from Auto Glass Manufacturers, Insurance (companies that insure or provide services to companies that insure automobiles), and Performance/Quality Assurance (those responsible for policies and procedures, including certification, designed to assure proper automotive glass installation).

For inquiries, please contact: Kathy Bimber, Auto Glass Safety Council (AGSC), PO Box 569, Garrisonville, VA 22463, (540) 720-7484, kbimber@agsc.org

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AGSC - Auto Glass Safety Council

Call for Members Notice

Call for Members Notice:

Auto Glass Safety Council (AGSC)
PO Box 569, Garrisonville, VA 22463, kbimber@agsc.org, www.agsc.org, www.nwrassn.org

ANSI/AGSC/NWRD/ROLAGS 002-2022, Auto Glass Safety Council/National Windshield Repair Division/Repair of Laminated Automotive Glass Standard
Interest Categories: Request additional participation from Auto Glass Manufacturers, Insurance Company/Claims Administrators, Windshield Repair Franchisors, and persons with general interest

For inquiries, please contact: Kathy Bimber, Auto Glass Safety Council (AGSC), PO Box 569, Garrisonville, VA 22463, (540) 720-7484, kbimber@agsc.org

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OPEI - Outdoor Power Equipment Institute

The Outdoor Power Equipment Institute seeks stakeholders to participate on a consensus body for a new proposed standard, OPEI-1 *Electronic Accessibility of Regulatory Compliance Information*. This standard establishes requirements for making digitally available product safety, emissions, and other regulatory and compliance information. The standard includes requirements for a digital regulatory compliance marking, including a standardized regulatory compliance symbol, format, location and durability. The standard additionally establishes requirements for the digital format and display of the regulatory compliance information via a mobile device or computer. The standard is applicable to finished products and components that may by subject to on-product regulatory and compliance labelling (marking) and informational requirements. OPEI is seeking participants for all stakeholder categories, including OEM Producers, Supplier Producers, Consumer Users, Retailers, Testing Organizations, Government Agencies, and other General Interests. Please contact Greg Knott (gknott@opei.org) for information about how to participate on the consensus body.

AGMA (American Gear Manufacturers Association)

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

BSR/AGMA IEC 61400-4-AXX, Wind energy generation systems - Part 4: Design requirements for wind turbine gearboxes (identical national adoption of IEC 61400-4:2025)

ARESCA (American Renewable Energy Standards and Certification Association)

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

BSR/ARESCA WE-10-1-202x, Wind energy generation systems - Power Performance Testing (PPT) for Wind Turbine Repowering Projects (new standard)

ARESCA (American Renewable Energy Standards and Certification Association)

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

BSR/ARESCA WE-10-2-202x, Wind energy generation systems - Numerical Site Calibration (NSC) for Complex Terrain Sites (new standard)

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

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

BSR/ASHRAE Standard 198-202x, Method of Test for Direct Expansion-Dedicated Outdoor Air System (DX-DOAS) Units (new standard)

ASME (American Society of Mechanical Engineers)

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

BSR/ASME B89.4.23-202x, X-Ray Computed Tomography (CT) Performance Evaluation (revision of ANSI/ASME B89.4.23-2020)

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street, NW, Ste 500, Washington, DC 20005 | masefa@atis.org, www.atis.org

BSR/ATIS 0600042-202x, Direct Contact Cooling Systems (new standard)

AWPA (ASC 05) (American Wood Protection Association)

2430 US Highway 27 STE #330-223, Clermont, FL 34714 | email@awpa.com, www.awpa.com

BSR 05.2-202x, Structural Glued Laminated Timber for Utility Structures (revision of ANSI 05.2-2020)

BHMA (Builders Hardware Manufacturers Association)

529 14th Street NW, Suite 1280, Washington, DC 20045 | agambrall@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.10-202x, Standard for Power Operated Pedestrian Doors (revision of ANSI/BHMA A156.10-2024)

BHMA (Builders Hardware Manufacturers Association)

529 14th Street NW, Suite 1280, Washington, DC 20045 | agambrall@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.27-202x, Power and Manual Operated Revolving Pedestrian Doors (revision of ANSI/BHMA A156.27-2024)

CTA (Consumer Technology Association)

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

BSR/CTA 6010-202x, Audio, video, and related equipment - Determination of power consumption - Part 3: Television sets (identical national adoption of IEC 62087-3:2023)

CTA (Consumer Technology Association)

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

BSR/CTA 6011-202x, Audio, video, and related equipment - Determination of power consumption - Part 4: Video recording equipment (identical national adoption of IEC 62087-4:2015)

CTA (Consumer Technology Association)

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

BSR/CTA 6012-202x, Audio, video, and related equipment - Determination of power consumption - Part 5: Set-top-boxes (STB) (identical national adoption of IEC 62087-5:2015)

CTA (Consumer Technology Association)

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

BSR/CTA 6013-202x, Audio, video, and related equipment - Determination of power consumption - Part 6: Audio equipment (identical national adoption of IEC 62087-6:2015)

CTA (Consumer Technology Association)

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

BSR/CTA 6014-202x, Audio, video and related equipment - Methods of measurement for power consumption - Part 7: Computer monitors (identical national adoption of IEC 62087-7:2018)

CTA (Consumer Technology Association)

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

BSR/CTA 6015-202x, Sound system equipment - Part 24: Headphones and earphones - Active acoustic noise cancelling characteristics (identical national adoption of IEC 60268-24:2023)

CTA (Consumer Technology Association)

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

BSR/CTA 6016-202x, Cable networks for television signals, sound signals and interactive services - Part 101-2: Performance requirements for signals delivered at the system outlet in operation with all-digital channels load (identical national adoption of IEC-60728-101-2:2023)

CTA (Consumer Technology Association)

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

BSR/CTA 6017-202x, Cable networks for television signals, sound signals and interactive services - Part 101-1: RF cabling for two-way home networks with all-digital channels load (identical national adoption of IEC-60728-101 -1:2023)

CTA (Consumer Technology Association)

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

BSR/CTA 6018-202x, Cable networks for television signals, sound signals and interactive services - Part 113: Optical systems for broadcast signal transmissions loaded with digital channels only (identical national adoption of IEC-60728-113:2023)

CTA (Consumer Technology Association)

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

BSR/CTA 6019-202x, Cable networks for television signals, sound signals and interactive services - Part 106: Optical equipment for systems loaded with digital channels only (identical national adoption of IEC 60728 -106:2023)

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

BSR/EIA 364-63A-202x, Accessory Thread Strength Test Procedure for Circular Electrical Connectors (revision and redesignation of ANSI/EIA 364-63-2013 (R2019))

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

4043 S Eastern Ave.,, Las Vegas, NV 89119 | mwashington@iicrcnet.org, https://www.iicrc.org

BSR/IICRC S540-202x, Standard for Trauma and Crime Scene Cleanup (revision of ANSI/IICRC S540-2023)

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

4043 S Eastern Ave.,, Las Vegas, NV 89119 | mwashington@iicrcnet.org, https://www.iicrc.org

BSR/IICRC S590-202x, Standard for Assessing HVAC Systems Following a Water, Fire, or Mold Damage Event (revision of ANSI/IICRC S590-2023)

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

4043 S Eastern Ave.,, Las Vegas, NV 89119 | mwashington@iicrcnet.org, https://www.iicrc.org

BSR/IICRC S800-202x, Standard for Professional Inspection of Textile Floor Coverings (revision of ANSI/IICRC S800 -2023)

ISA (International Society of Automation)

3252 S. Miami Blvd, Suite 102, Durham, NC 27703 | lfranke@isa.org, www.isa.org

BSR/ISA 96.03.01-2019 (R202x), Guidelines for the Specification of Heavy Duty Pneumatically Powered Quarter Turn Scotch Yoke Valve Actuators (reaffirmation of ANSI/ISA 96.03.01-2019)

ISEA (International Safety Equipment Association)

1101 Wilson Blvd, Suite 1425, Arlington, VA 22209 | ajarrell@safetyequipment.org, www.safetyequipment.org

BSR/ISEA 600-202x, Standard Performance Specification for On-Body Heat Stress Management PPE (new standard)

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

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

INCITS/IESO/IEC 20648:2024 [202x], Information technology - TLS specification for storage systems (identical national adoption of ISO/IEC 20648:2024)

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

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

INCITS/ISO/IEC 10373-6:2025 [202x], Cards and security devices for personal identification - Test methods - Part 6: Contactless proximity objects (identical national adoption of ISO/IEC 10373-6:2025 and revision of INCITS/ISO/IEC 10373-6:2020 [2021], INCITS/ISO/IEC 10373-6:2020/AM1:2021 [2021], INCITS/ISO/IEC 10373 -6:2020/AM2:2020 [2021])

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INCITS/ISO/IEC 11179-34:2024 [202x], Information technology - Metadata registries (MDR) - Part 34: Metamodel for computable data registration (identical national adoption of ISO/IEC 11179-34:2024)

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

INCITS/ISO/IEC 17839-2:2024 [202x], Information technology - Biometric System-on-Card - Part 2: Physical characteristics (identical national adoption of ISO/IEC 17839-2:2024 and revision of INCITS/ISO/IEC 17839 -2:2015 [2021], INCITS/ISO/IEC 17839-2:2015/AM1:2021 [2021])

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INCITS/ISO/IEC 18014-1:2008/AM1:2025 [202x], Information technology - Security techniques - Time-stamping services - Part 1: Framework - Amendment 1 (identical national adoption of ISO/IEC 18014-1:2008/AM1:2025)

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

INCITS/ISO/IEC 18584-1:2025 [202x], Information technology - Test methods for on-card biometric comparison applications - Part 1: General principles and specifications (identical national adoption of ISO/IEC 18584-1:2025)

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

INCITS/ISO/IEC 19075-10:2024 [202x], Information technology - Guidance for the use of database language SQL - Part 10: SQL model (Guide/Model) (identical national adoption of ISO/IEC 19075-10:2024)

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

INCITS/ISO/IEC 19763-6:2015 [202x], Information technology - Metamodel framework for interoperability (MFI) - Part 6: Registry Summary (identical national adoption of ISO/IEC 19763-6:2015)

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

INCITS/ISO/IEC 19763-3:2020/AM1:2024 [202x], Information technology - Metamodel framework for interoperability (MFI) - Part 3: Metamodel for ontology registration - Amendment 1: Alignment with Edition 4 of ISO/IEC 11179-3 (identical national adoption of ISO/IEC 19763-3:2020/AM1:2024)

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INCITS/ISO/IEC 19763-6:2015/AM1:2024 [202x], Information technology - Metamodel framework for interoperability (MFI) - Part 6: Registry Summary - Amendment 1: Alignment with Edition 4 of ISO/IEC 11179-3 (identical national adoption of ISO/IEC 19763-6:2015/AM1:2024)

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

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

INCITS/ISO/IEC 19794-14:2022/AM1:2025 [202x], Information technology - Biometric data interchange formats - Part 14: DNA data - Amendment 1: Conformance requirements (identical national adoption of ISO/IEC 19794 -14:2022/AM1:2025)

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

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

INCITS/ISO/IEC 20008-3:2024 [202x], Information security - Anonymous digital signatures - Part 3: Mechanisms using multiple public keys (identical national adoption of ISO/IEC 20008-3:2024)

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

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

INCITS/ISO/IEC 22592-1:2024 [202x], Office equipment - Print quality measurement methods for colour prints - Part 1: Image quality measurement methods (identical national adoption of ISO/IEC 22592-1:2024)

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

INCITS/ISO/IEC 22592-2:2024 [202x], Office equipment - Print quality measurement methods for colour prints - Part 2: Registration and magnification accuracy (identical national adoption of ISO/IEC 22592-2:2024)

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

INCITS/ISO/IEC 22592-3:2025 [202x], Office equipment - Print quality measurement methods for colour prints - Part 3: Physical durability measurement methods (identical national adoption of ISO/IEC 22592-3:2025)

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

INCITS/ISO/IEC 23264-2:2024 [202x], Information security - Redaction of authentic data - Part 2: Redactable signature schemes based on asymmetric mechanisms (identical national adoption of ISO/IEC 23264-2:2024)

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

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

INCITS/ISO/IEC 27035-4:2024 [202x], Information technology - Information security incident management - Part 4: Coordination (identical national adoption of ISO/IEC 27035-4:2024)

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

INCITS/ISO/IEC 29794-5:2025 [202x], Information technology - Biometric sample quality - Part 5: Face image data (identical national adoption of ISO/IEC 29794-5:2025)

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

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

INCITS/ISO/IEC 30137-1:2024 [202x], Information technology - Use of biometrics in video surveillance systems - Part 1: System design and specification (identical national adoption of ISO/IEC 30137-1:2024 and revision of INCITS/ISO/IEC 30137-1:2019 [2021])

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

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

INCITS/ISO/IEC 5152:2024 [202x], Information technology - Biometric performance estimation methodologies using statistical models (identical national adoption of ISO/IEC 5152:2024)

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

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

INCITS/ISO/IEC 7184:2024 [202x], Office equipment - Security requirements for hard copy devices (HCDs) - Part 1: Definition of the basic requirements (identical national adoption of ISO/IEC 7184:2024)

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

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

INCITS/ISO/IEC 17823:2024 [202x], Information technology - Office equipment - Vocabulary for office colour equipment (identical national adoption of ISO/IEC 17823:2024 and revision of INCITS/ISO/IEC 17823:2015 [R2022])

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

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

INCITS/ISO/IEC 18031:2025 [202x], Information technology - Security techniques - Random bit generation (identical national adoption of ISO/IEC 18031:2025 and revision of INCITS/ISO/IEC 18031:2011 [R2022], INCITS/ISO/IEC 18031:2011/AM1:2017 [R2024], INCITS/ISO/IEC 18031:2011/COR1:2014 [R2023])

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

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

INCITS/ISO/IEC 24741:2024 [202x], Information technology - Biometrics - Overview and application (identical national adoption of ISO/IEC 24741:2024)

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

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

INCITS/ISO/IEC 27011:2024 [202x], Information security, cybersecurity and privacy protection - Information security controls based on ISO/IEC 27002 for telecommunications organizations (identical national adoption of ISO/IEC 27011:2024 and revision of INCITS/ISO/IEC 27011:2016 [R2024], INCITS/ISO/IEC 27011:2016/COR 1:2018 [R2024])

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

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

INCITS/ISO/IEC 27562:2024 [202x], Information technology - Security techniques - Privacy guidelines for fintech services (identical national adoption of ISO/IEC 27562:2024)

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

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

INCITS/ISO/IEC 29184:2020 [202x], Information technology - Online privacy notices and consent (identical national adoption of ISO/IEC 29184:2020)

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

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

INCITS/ISO/IEC 39075:2024 [202x], Information technology - Database languages - GQL (identical national adoption of ISO/IEC 39075:2024)

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

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

INCITS/ISO/IEC 27013:2021/AM1:2024 [202x], Information security, cybersecurity and privacy protection - Guidance on the integrated implementation of ISO/IEC 27001 and ISO/IEC 20000-1 - Amendment 1 (identical national adoption of ISO/IEC 27013:2021/AM1:2024)

MSS (Manufacturers Standardization Society)

441 N. Lee Street, Alexandria, VA 22314 | standards@msshq.org, www.mss-hq.org

BSR/MSS SP-96-202x, Terminology for Valves, Fittings, and Their Related Components (revision of ANSI/MSS SP-96 -2017)

NETA (InterNational Electrical Testing Association)

3050 Old Centre Rd, Suite 101, Portage, MI 49024 | ldanzy@netaworld.org, www.netaworld.org

BSR/NETA EMW-202x, Standard for Qualification of Electrical Equipment Maintenance Workers for Electrical Equipment & Systems (new standard)

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105 | cleone@nsf.org, www.nsf.org

BSR/NSF/CAN 61-202x (i198r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2024)

SDI (ASC A250) (Steel Door Institute)

30200 Detroit Road, Westlake, OH 44145 | leh@wherryassoc.com, www.wherryassocsteeldoor.org

BSR A250.4-202x, Test Procedure & Acceptance Criteria for Steel Doors, Frames and Frame Anchors (revision of ANSI A250.4-2024)

ULSE (UL Standards and Engagement)

100 Queen Street, Suite 1040, Ottawa, ON K1P 1J9 Canada | hilal.elmisilmani@ul.org, https://ulse.org/

BSR/UL 1081-202x, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2020)
Interest Categories: UL Standards & Engagement is seeking new members to join Technical Committee (TC) 1081 - which oversees standards related to swimming pool pumps, filters, and chlorinators - from the following interest categories: Authorities Having Jurisdiction, Commercial/Industrial Users, Consumer, General Interest, Government, and Supply Chain.

ULSE (UL Standards and Engagement)

100 Queen Street, Suite 1040, Ottawa, ON K1P 1J9 Canada | hilal.elmisilmani@ul.org, https://ulse.org/

BSR/UL 2460-202x, Standard for Safety for Nonshielded Cable (revision of ANSI/UL 2460-2015 (R2020))

Call for Comment of ANS Limited Substantive Changes

ANSI Accredited Standards Developers

CEMA - Conveyor Equipment Manufacturers Association

ANSI/CEMA Standard 501.1-2021 - 30-Day Comment Deadline By August 30, 2025

This Call for Comment of Limited Substantive Changes to the Approved American National Standard is available for review & comment until **August 30, 2025**

ANSI/CEMA Standard 501.1-2021

Specifications for Welded Steel Wing Pulleys

(revision and redesignation of ANSI/CEMA 501.1-2015)

Provides recommended load ratings, dimensional information, and criteria for selection of welded steel wing pulleys

Send comments (with optional copy to psa@ansi.org) to: Naylu Garces; naylu@cemanet.org

Click here to view these changes in full

Naylu Garces
Engineering Manager
Conveyor Equipment Manufacturers Association (CEMA)
27400 Riverview Center Blvd, Suite 2
Bonita Springs, FL 34134
p: (239) 260-8009
e: NAYLU@CEMAnet.org

Call for Comment of ANS Limited Substantive Changes

ANSI Accredited Standards Developers

CEMA - Conveyor Equipment Manufacturers Association

ANSI/CEMA Standard B105.1-2021 - 30-Day Comment Deadline By August 30, 2025

This Call for Comment of Limited Substantive Changes to the Approved American National Standard is available for review & comment until **August 30, 2025**

ANSI/CEMA Standard B105.1-2021

Specification for Welded Steel Conveyor Pulleys with Compression Type Hubs

(revision and redesignation of ANSI/CEMA B105.1-2015)

Provides recommended load ratings, dimensional information, and criteria for selection of welded steel conveyor pulleys with metric conversions

Send comments (with optional copy to psa@ansi.org) to: Naylu Garces; naylu@cemanet.org

Click here to view these changes in full

Naylu Garces
Engineering Manager
Conveyor Equipment Manufacturers Association (CEMA)
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Bonita Springs, FL 34134
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e: NAYLU@CEMAnet.org

American National Standards (ANS) Process

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

Where to find Procedures, Guidance, Interpretations and More…

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

• ANSI Essential Requirements: Due process requirements for American National Standards (always current edition):

www.ansi.org/essentialrequirements

• ANSI Standards Action (weekly public review announcements of proposed ANS and standards developer accreditation applications, listing of recently approved ANS, and proposed revisions to ANS-related procedures):

www.ansi.org/standardsaction

• Accreditation information – for potential developers of American National Standards (ANS):

www.ansi.org/sdoaccreditation

• ANS Procedures, ExSC Interpretations and Guidance (including a slide deck on how to participate in the ANS process and the BSR-9 form):

www.ansi.org/asd

• Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS:

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

https://www.ansi.org/portal/psawebforms/

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

ACCT - Association for Challenge Course Technology

Effective July 23, 2025

The reaccreditation of **ACCT - Association for Challenge Course Technology** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ACCT-sponsored American National Standards, effective **July 23, 2025**. For additional information, please contact: John Voegtlin, Association for Challenge Course Technology (ACCT) | PO Box 19797, Boulder, CO 80308 | (303) 827-2432, John@ACCTinfo.org

Approval of Reaccreditation – ASD

APCO - Association of Public-Safety Communications Officials-International

Effective July 25, 2025

The reaccreditation of **APCO - Association of Public-Safety Communications Officials-International** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on APCO-sponsored American National Standards, effective **July 25, 2025**. For additional information, please contact: Crystal Lawrence, Association of Public-Safety Communications Officials-International (APCO) | 351 N. Williamson Boulevard, Daytona Beach, FL 32114-1112 | (386) 281-7762, lawrencec@apcointl.org; standards@apcointl.org

Approval of Reaccreditation – ASD

NFPA - National Fire Protection Association

Effective July 25, 2025

The reaccreditation of **NFPA - National Fire Protection Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on NFPA-sponsored American National Standards, effective **July 25, 2025**. For additional information, please contact: Dawn Michele Bellis, National Fire Protection Association (NFPA) | One Batterymarch Park, Quincy, MA 02169 | (617) 984-7246, dbellis@nfpa.org

Approval of Reaccreditation – ASD

TVC (ASC Z80) - The Vision CouncilOphthalmic Standards

Effective July 18, 2025

The reaccreditation of **The Vision Council (TVC)**, sponsor of **ASC Z80, *Ophthalmic Standards,*** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on TVC /ASC Z80-sponsored American National Standards, effective **July 18, 2025**. For additional information, please contact: Michael Vitale, The Vision Council (ASC Z80) | 225 Reinekers Lane, Suite 700, Alexandria, VA 22314 | (703) 548-2684, mvitale@thevisioncouncil.org

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

AGSC - Auto Glass Safety Council

Meeting Time: Monday, September 8, 2025 1:00 PM – 4:00 PM

Committee Meeting:
AGSC AGRSS (Auto Glass Replacement Safety Standard) Standards Committee
Monday, September 8, 2025 1:00 p.m. – 4:00 p.m.
Atlantis Casino Resort & Spa, Reno, Nevada

For inquiries, please contact: Kathy Bimber, Auto Glass Safety Council (AGSC), PO Box 569, Garrisonville, VA 22463, (540) 720-7484, kbimber@agsc.org

ANSI Accredited Standards Developer

AGSC - Auto Glass Safety Council

Meeting Time: Sunday, September 7, 2025 4:00 PM – 6:00 PM

Committee Meeting:
AGSC/NWRD ROLAGS 2 (Repair of Laminated Automotive Glass Standard 2) Standards Committee
Sunday, September 7, 2025 4:00 p.m. – 6:00 p.m.
Atlantis Casino Resort & Spa, Reno, Nevada

For inquiries, please contact: Kathy Bimber, Auto Glass Safety Council (AGSC), PO Box 569, Garrisonville, VA 22463, (540) 720-7484, kbimber@agsc.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)

PHTA (Pool and Hot Tub Alliance)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

AGMA
American Gear Manufacturers Association
1001 N. Fairfax Street, Suite 500
Alexandria, VA 22314
www.agma.org

Phillip Olson
olson@agma.org

AIA
Aerospace Industries Association
1000 Wilson Boulevard, Suite 1700
Arlington, VA 22209
www.aia-aerospace.org

Christopher Carnahan
chris.carnahan@aia-aerospace.org

ANS
American Nuclear Society
1111 Pasquinelli Drive, Suite 350
Westmont, IL 60559
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

ASABE
American Society of Agricultural and Biological Engineers
2590 Niles Road
Saint Joseph, MI 49085
https://www.asabe.org/

Sadie Stell
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ASC X9
Accredited Standards Committee X9, Incorporated
275 West Street, Suite 107
Annapolis, MD 21401
www.x9.org

Ambria Calloway
ambria.frazier@x9.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
180 Technology Parkway
Peachtree Corners, GA 20092
www.ashrae.org

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

Terrell Henry
ansibox@asme.org

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

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

Laura Klineburger
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ATIS
Alliance for Telecommunications Industry Solutions
1200 G Street NW, Suite 500
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Drew Greco
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ATIS
Alliance for Telecommunications Industry Solutions
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Washington, DC 20005
www.atis.org

Mignot Asefa
masefa@atis.org

AWPA (ASC O5)
American Wood Protection Association
2430 US Highway 27 STE #330-223
Clermont, FL 34714
www.awpa.com

Nicole Butler
email@awpa.com

AWWA
American Water Works Association
6666 W. Quincy Avenue
Denver, CO 80235
www.awwa.org

Madeline Rohr
mrohr@awwa.org

BHMA
Builders Hardware Manufacturers Association
529 14th Street NW, Suite 1280
Washington, DC 20045
www.buildershardware.com

Tony Gambrall
agambrall@kellencompany.com

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

Thuy Ton
ansi.contact@csagroup.org

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

Kerri Haresign
KHaresign@cta.tech

ECIA
Electronic Components Industry Association
13873 Park Center Road, Suite 315
Herndon, VA 20171
www.ecianow.org

Laura Donohoe
ldonohoe@ecianow.org

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
standards@iapmostandards.org

IAPMO (Z)
International Association of Plumbing & Mechanical Officials
4755 East Philadelphia Street
Ontario, CA 91761
https://www.iapmostandards.org

Terry Burger
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IEEE
Institute of Electrical and Electronics Engineers
445 Hoes Lane
Piscataway, NJ 08854
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Suzanne Merten
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IEEE
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Teresa Belmont
t.belmont@ieee.org

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

Mili Washington
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ISA (Organization)
International Society of Automation
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ISEA
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Arlington, VA 22209
www.safetyequipment.org

Aimee Jarrell
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ITI (INCITS)
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Kim Quigley
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MSS
Manufacturers Standardization Society
441 N. Lee Street
Alexandria, VA 22314
www.mss-hq.org

Stefania Adjei
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NEMA (ASC C80)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 900
Rosslyn, VA 22209
www.nema.org

David Richmond
david.richmond@nema.org

NETA
InterNational Electrical Testing Association
3050 Old Centre Rd, Suite 101
Portage, MI 49024
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789 N. Dixboro Road
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RESNET
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SCTE
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Natasha Aden
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SDI (ASC A250)
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60 Hickory Drive
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ISO & IEC Draft International Standards

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

COMMENTS

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

Those regarding IEC documents should be sent to the USNC/IEC team at ANSI's New York offices (usnc@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

Biological evaluation of medical and dental materials and devices (TC 194)

ISO/DIS 21762, Medical devices utilizing non-viable human materials - Risk management - 10/10/2025, $67.00

Equipment for fire protection and fire fighting (TC 21)

ISO/DIS 7240-33, Fire detection and alarm systems - Part 33: Thermal Imaging Fire Detectors - 10/16/2025, $107.00

Geosynthetics (TC 221)

ISO 9862:2023/DAmd 1, - Amendment 1: Geosynthetics - Sampling and preparation of test specimens - Amendment 1: Sample preparation for Geosynthetic Cementitious Composites (GCCs) - 10/16/2025, $29.00

Health Informatics (TC 215)

ISO/DIS 11615, Health informatics - Identification of medicinal products - Data elements and structures for the unique identification and exchange of regulated medicinal product information - 10/13/2025, $155.00

Leather (TC 120)

ISO/DIS 23974-1, Leather - Red hair sheep skin - Part 1: Description of defects - 10/12/2025, $40.00

ISO/DIS 23974-2, Leather - Red hair sheep skins - Part 2: Guidelines for grading on the basis of defects - 10/12/2025, $33.00

ISO/DIS 23974-3, Leather - Red hair sheep skins - Part 3: Guidelines for grading on the basis of mass and size - 10/12/2025, $33.00

Materials for the Production of Primary Aluminium (TC 226)

ISO/DIS 6376, Carbonaceous materials for the production of aluminium - Pitch for electrodes - Determination of content of toluene-insoluble material - 10/10/2025, $33.00

ISO/DIS 6791, Carbonaceous materials for the production of aluminium - Pitch for electrodes - Determination of contents of quinoline-insoluble material - 10/11/2025, $40.00

ISO/DIS 6998, Carbonaceous materials for the production of aluminium - Pitch for electrodes - Determination of coking value - 10/10/2025, $33.00

ISO/DIS 12926, Aluminium fluoride for industrial use - Determination of elements - Wavelength dispersive X-ray fluorescence spectrometric method using pressed powder tablets - 10/16/2025, $46.00

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

ISO/DIS 15136-1, Petroleum and natural gas industries - Progressing cavity pump systems for artificial lift - Part 1: Pumps - 10/10/2025, $165.00

Packaging (TC 122)

ISO/DIS 22742, Packaging - Linear bar code and two-dimensional symbols for product packaging - 10/11/2025, $98.00

Sludge recovery, recycling, treatment and disposal (TC 275)

ISO/DIS 8228, Sludge/biosolids ecotoxicological evaluation and classification for land application - 10/16/2025, $93.00

(TC 319)

ISO/DIS 8616, Specification of monitoring technology for karst critical zones - 10/16/2025, $62.00

Terminology (principles and coordination) (TC 37)

ISO/DIS 18968, Translation-oriented writing - Text production and text evaluation - 10/12/2025, $119.00

Textiles (TC 38)

ISO/DIS 1833-1, Textiles - Quantitative chemical analysis - Part 1: General principles of testing - 10/10/2025, $107.00

Transport information and control systems (TC 204)

ISO/DIS 19237, Intelligent transport systems - Pedestrian detection and collision mitigation systems (PDCMS) - Performance requirements and test procedures - 10/13/2025, $82.00

Vacuum technology (TC 112)

ISO/DIS 3669, Vacuum technology - Dimensions of knife-edge flanges - 10/13/2025, $46.00

ISO/DIS 21360-4, Vacuum technology - Standard methods for measuring vacuum-pump performance - Part 4: Turbomolecular vacuum pumps - 10/12/2025, $58.00

Welding and allied processes (TC 44)

ISO/DIS 15614-1, Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys - 10/16/2025, $107.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 11770-8, Information security - Key management - Part 8: Password-based key derivation - 10/16/2025, $82.00

ISO/IEC DIS 28033-1, Information security - Fully homomorphic encryption - Part 1: General - 10/11/2025, $77.00

ISO/IEC DIS 29110-5-5, Systems and software engineering - Life cycle profiles for very small entities (VSEs) - Part 5-5: Agile/DevOps guidelines - 10/13/2025, $155.00

IEC Standards

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

100/4351/CDV, IEC 60728-103 ED1: Active wideband equipment for cable networks with digital signals only, 10/17/2025

Electric road vehicles and electric industrial trucks (TC 69)

69/1073/FDIS, IEC 63382-1 ED1: Management of Distributed Energy Storage Systems based on Electrically Chargeable Vehicles (ECV-DESS) - Part 1: Definitions, Requirements and Use Cases, 09/05/2025

Electrical equipment in medical practice (TC 62)

62C/954/FDIS, IEC 60601-2-64 ED2: Medical electrical equipment - Part 2-64: Particular requirements for the basic safety and essential performance of light ion beam medical electrical equipment, 09/05/2025

62B/1387/CDV, IEC 63483 ED1: Methods for spectral imaging performance evaluation of computed tomography, 10/17/2025

62A/1680/CD, IEC TS 62366-2 ED1: Medical devices - Part 2: Guidance on the application of usability engineering to medical devices, 10/17/2025

Electrical installations of buildings (TC 64)

64/2775/FDIS, IEC 60364-7-711 ED3: Low-voltage electrical installations - Part 7-711: Requirements for special installations or locations - Temporary electrical installations for exhibitions and entertainment related purposes, 09/05/2025

64/2765(F)/FDIS, IEC 60364-7-712 ED3: Low voltage electrical installations - Part 7-712: Requirements for special installations or locations - Solar photovoltaic (PV) power supply systems, 08/15/2025

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

48B/3169/FDIS, IEC 61076-2-111 ED2: Connectors for electrical and electronic equipment - Product requirements - Part 2-111: Circular connectors - Detail specification for power connectors with M12 screw-locking, 09/05/2025

Fibre optics (TC 86)

86B/5108/DTS, IEC TS 62627-09/AMD1 ED1: Amendment 1 - Fibre optic interconnecting devices and passive components - Vocabulary for passive optical devices, 09/19/2025

Flat Panel Display Devices (TC 110)

110/1787/CD, IEC 63145-40-10 ED1: Eyewear display - Part 40 -10: Specific measurements of eyewear displays with ambient light sensors, 09/19/2025

Fuses (TC 32)

32B/778/CD, IEC 60269-201 ED1: Low-voltage fuses - Part 201: Supplementary and modified requirements and tests for fuses: Utilization Class gG, 09/19/2025

Industrial electroheating equipment (TC 27)

27/1209/CDV, IEC 60519-4/AMD1 ED5: Amendment 1 - Safety in installations for electroheating and electromagnetic processing - Part 4: Particular requirements for arc furnace installations, 10/17/2025

Industrial-process measurement and control (TC 65)

65E/1181/CD, IEC 62714-6 ED1: Engineering data exchange format for use in industrial automation systems engineering - Automation Markup Language - Part 6: AutomationML Components, 09/19/2025

Insulators (TC 36)

36/630/DTS, IEC TS 63414 ED1: Artificial pollution tests on high-voltage polymeric insulators to be used on a.c. and d.c. systems, 09/19/2025

Lamps and related equipment (TC 34)

34/1337/FDIS, IEC 63129/AMD1 ED1: Amendment 1 - Determination of inrush current characteristics of lighting products, 09/05/2025

34/1339/CD, IEC 63560 ED1: Excimer sources for germicidal purpose - Safety specifications, 10/17/2025

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

113/908/CD, IEC TS 62607-6-34 ED1: Nanomanufacturing - Key control characteristics - Part 6-34: Graphene-related products - C/O ratio of reduced graphene oxide: Raman spectroscopy, 09/19/2025

Performance of household electrical appliances (TC 59)

59F/531/CDV, IEC 62885-2 ED3: Surface cleaning appliances - Part 2: Dry vacuum cleaners for household or similar use - Methods for measuring the performance, 10/17/2025

59L/297/NP, PNW 59L-297 ED1: Household and similar use electrical air fryers - Methods for measuring the performance, 10/17/2025

Power electronics (TC 22)

22G/522/CDV, IEC 61800-9-2/AMD1 ED2: Amendment 1 - Adjustable speed electrical power drive systems (PDS) - Part 9 -2: Ecodesign for motor systems - Energy efficiency determination and classification - Technical corrections to calculations for correction factors., 10/17/2025

Rotating machinery (TC 2)

2/2254/CD, IEC 60034-18-31 ED3: Rotating electrical machines - Part 18-31: Functional evaluation of insulation systems - Test procedures for form-wound windings - Thermal evaluation and classification of insulation systems used in rotating machines, 09/19/2025

Secondary cells and batteries (TC 21)

21A/934/CDV, IEC 60622 ED4: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Sealed nickel-cadmium prismatic rechargeable cells and batteries for use in industrial applications., 10/17/2025

21A/935/CDV, IEC 60623 ED6: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Vented nickel-cadmium prismatic rechargeable cells and batteries for use in industrial applications., 10/17/2025

21A/938/CDV, IEC 61960-4/AMD1 ED2: Amendment 1 - Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for portable applications - Part 4: Coin secondary lithium cells, and batteries made from them, 10/17/2025

21A/936/CDV, IEC 62259 ED2: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Nickel-cadmium prismatic rechargeable cells with partial gas recombination and batteries for use in industrial applications., 10/17/2025

21/1260/NP, PNW 21-1260 ED1: 12 V sodium-ion secondary batteries for start-stop and auxiliary application - Part 1: general requirements and methods of test, 09/19/2025

Semiconductor devices (TC 47)

47/2948/FDIS, IEC 63150-3 ED1: Semiconductor devices - Measurement and evaluation methods of kinetic energy harvesting devices under practical vibration environment - Part 3: Human foot impact motion, 09/05/2025

Short-circuit currents (TC 73)

73/235/NP, PNW 73-235 ED1: Short-circuit current in d.c. systems - Part 0 Calculation of currents, 09/19/2025

Solar photovoltaic energy systems (TC 82)

82/2485/CD, IEC TR 63226/AMD1 ED1: Amendment 1 - Managing fire risk related to photovoltaic (PV) systems on buildings, 09/19/2025

Standard voltages, current ratings and frequencies (TC 8)

8/1760/DTR, IEC TR 63282-102 ED1: LVDC systems - Low-voltage DC electric island power supply systems, 09/19/2025

System engineering and erection of electrical power installations in systems with nominal voltages above 1 kV A. C., particularly considering safety aspects (TC 99)

99/501/CD, IEC 60071-14 ED1: Insulation co-ordination - Part 14: Application procedures for AC/DC filters, 09/19/2025

(TC)

SyCSmartCities/386/NP, PNW TS SYCSMARTCITIES-386 ED1: Smart city use case collection and analysis - Smart urban planning for smart cities - Part 3: Industry viewpoint, 08/22/2025

SyCSmartCities/387/NP, PNW TS SYCSMARTCITIES-387 ED1: Smart city use case collection and analysis - Water systems in smart cities - Part 3: Industry viewpoint, 08/22/2025

Terminology (TC 1)

1/2669/VD, IEC 60050-C00101 ED0: IEC 60050-192: International Electrotechnical Vocabulary (IEV) - Part 192: Dependability, 09/05/2025

1/2679/ED, IEC 60050-C00102 ED0: IEC 60050-417: International Electrotechnical Vocabulary (IEV) - Part 417: Marine energy - Wave, tidal and other water current converters, 09/05/2025

Wearable electronic devices and technologies (TC 124)

124/336/CD, IEC 63203-401-1 ED2: Wearable electronic devices and technologies - Part 401-1: Devices and systems: functional elements - Measurement method of the stretchable resistive strain sensor, 09/19/2025

124/335/NP, PNW 124-335 ED1: Future IEC 63203-2XX-X: Wearable electronic devices and technologies - Part 2XX-X: Test method for impedance of E-textiles, 10/17/2025

Newly Published ISO & IEC Standards

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

ISO Standards

Acoustics (TC 43)

ISO 7605:2025, Underwater acoustics - Measurement of underwater ambient sound, $259.00

Aircraft and space vehicles (TC 20)

ISO 8168:2025, Aerospace - Bolts, with MJ threads, made of heat and corrosion resisting steel, strength class 1 100 MPa - Procurement specification, $172.00

ISO 16615:2025, Space systems - Stable operation requirements for spacecraft attitude and orbit control system, $84.00

Biotechnology (TC 276)

ISO 20397-3:2025, Biotechnology - Massively parallel sequencing - Part 3: General requirements and guidance for metagenomics, $127.00

Ceramic tile (TC 189)

ISO 10545-23:2025, Ceramic tiles - Part 23: Determination of elastic modulus for glazed and unglazed ceramic tiles, substrate and glaze layer, $84.00

Cleaning equipment for air and other gases (TC 142)

ISO 5371:2025, Containment high efficiency filtration unit (CHEFU) in ventilation system of biosafety facilities, $172.00

Dentistry (TC 106)

ISO 19490:2025, Dentistry - Sinus membrane elevator, $56.00

Fine Bubble Technology (TC 281)

ISO 23016-1:2025, Fine bubble technology - Agricultural applications - Part 1: Test method for evaluating the growth promotion of hydroponically grown lettuce, $172.00

Gas cylinders (TC 58)

ISO 13341:2025, Gas cylinders - Fitting of valves to gas cylinders, $84.00

Gears (TC 60)

ISO 23509-1:2025, Bevel and hypoid gear geometry - Part 1: Basic methods, $259.00

Health Informatics (TC 215)

ISO 17523:2025, Health informatics - Requirements for electronic prescriptions, $172.00

Industrial fans (TC 117)

ISO 13347-1:2025, Fans - Determination of fan sound power levels under standardized laboratory conditions - Part 1: General overview, $230.00

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

ISO 18796-2:2025, Oil and gas industries including lower carbon energy - Internal coating of carbon steel process vessels - Part 2: Requirements and guidance for the selection of coating systems, $201.00

Paints and varnishes (TC 35)

ISO 11124-6:2025, Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 6: Stainless steel (shot and irregulars), $56.00

Paper, board and pulps (TC 6)

ISO 3035:2025, Corrugated fibreboard - Determination of flat crush resistance, $84.00

Personal safety - Protective clothing and equipment (TC 94)

ISO 374-6:2025, Protective gloves against dangerous chemicals and micro-organisms - Part 6: Protective gloves for hairdressers, $84.00

Photography (TC 42)

ISO 12234-1:2025, Digital imaging - Image storage - Part 1: Reference model, $230.00

Plastics (TC 61)

ISO 75-3:2025, Plastics - Determination of temperature of deflection under load - Part 3: High-strength thermosetting laminates and long-fibre-reinforced plastics, $84.00

ISO 877-2:2025, Plastics - Methods of exposure to solar radiation - Part 2: Direct weathering and exposure behind window glass, $84.00

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

ISO 18984:2025, Ball valves for thermoplastics piping systems for hot and cold water installations under pressure - Types, dimensions and requirements, $172.00

Pulleys and belts (including veebelts) (TC 41)

ISO 703:2025, Conveyor belts - Transverse flexibility (troughability) - Test method, $56.00

Quantities, units, symbols, conversion factors (TC 12)

ISO 80000-3:2019/Amd 1:2025, - Amendment 1: Quantities and units - Part 3: Space and time - Amendment 1, $23.00

ISO 80000-4:2019/Amd 1:2025, - Amendment 1: Quantities and units - Part 4: Mechanics - Amendment 1, $23.00

ISO 80000-5:2019/Amd 1:2025, - Amendment 1: Quantities and units - Part 5: Thermodynamics - Amendment 1, $23.00

ISO 80000-7:2019/Amd 1:2025, - Amendment 1: Quantities and units - Part 7: Light and radiation - Amendment 1, $23.00

ISO 80000-8:2020/Amd 1:2025, - Amendment 1: Quantities and units - Part 8: Acoustics - Amendment 1, $23.00

ISO 80000-10:2019/Amd 1:2025, - Amendment 1: Quantities and units - Part 10: Atomic and nuclear physics - Amendment 1, $23.00

ISO 80000-11:2019/Amd 1:2025, - Amendment 1: Quantities and units - Part 11: Characteristic numbers - Amendment 1, $23.00

ISO 80000-12:2019/Amd 1:2025, - Amendment 1: Quantities and units - Part 12: Condensed matter physics - Amendment 1, $23.00

Railway applications (TC 269)

ISO 10516:2025, Railway applications - Vehicle reference masses, $127.00

Road vehicles (TC 22)

ISO 17987-3:2025, Road vehicles - Local Interconnect Network (LIN) - Part 3: Protocol specification, $259.00

Screw threads (TC 1)

ISO 965-6:2025, ISO general purpose metric screw threads - Tolerances - Part 6: Limits of sizes for internal and external threads (fine and medium tolerance qualities, first and second choices), $259.00

ISO 2903-2:2025, ISO metric trapezoidal screw threads - Tolerances - Part 2: Limits of sizes, $201.00

Solid mineral fuels (TC 27)

ISO 1014-2:2025, Coke - Part 2: Determination of true relative density, $56.00

ISO 13909-1:2025, Coal and coke - Mechanical sampling - Part 1: General introduction, $84.00

ISO 13909-2:2025, Coal and coke - Mechanical sampling - Part 2: Sampling of coal from moving streams, $201.00

ISO 13909-3:2025, Coal and coke - Mechanical sampling - Part 3: Sampling of coal from stationary lots, $127.00

ISO 13909-4:2025, Coal and coke - Mechanical sampling - Part 4: Preparation of test samples of coal, $201.00

ISO 13909-5:2025, Coal and coke - Mechanical sampling - Part 5: Sampling of coke from moving streams, $172.00

ISO 13909-6:2025, Coal and coke - Mechanical sampling - Part 6: Preparation of test samples of coke, $201.00

ISO 13909-7:2025, Coal and coke - Mechanical sampling - Part 7: Methods for determining the precision of sampling, sample preparation and testing, $230.00

Steel (TC 17)

ISO 377:2017/Amd 1:2025, - Amendment 1: Steel and steel products - Location and preparation of samples and test pieces for mechanical testing - Amendment 1, $23.00

ISO 4940:2025, Steel and cast iron - Determination of nickel content - Flame atomic absorption spectrometric method, $127.00

Sustainable non-sewered sanitation systems (TC 305)

ISO 30500:2025, Non-sewered sanitation systems - Prefabricated integrated treatment units - General safety and performance requirements for design and testing, $287.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO 24631-3:2025, Radiofrequency identification of animals - Part 3: Evaluation of performance of RFID transponders conforming with ISO 11784 and ISO 11785, $201.00

Traditional Chinese medicine (TC 249)

ISO 19836:2025, Traditional Chinese medicine - Platycodon grandiflorus root, $127.00

Water quality (TC 147)

ISO 17244:2025, Water quality - Determination of the toxicity of water samples on the embryo-larval development of the Japanese oyster (Magallana gigas) and the blue mussel (Mytilus edulis or M. galloprovincialis), $172.00

Welding and allied processes (TC 44)

ISO 14555:2025, Welding - Arc stud welding of metallic materials, $230.00

ISO Technical Reports

Innovation management (TC 279)

ISO/TR 56009:2025, Innovation management - Example implementations of innovation operation measurements, $259.00

ISO Technical Specifications

Water quality (TC 147)

ISO/TS 16099:2025, Water quality - Polymerase chain reaction (PCR) for the detection and quantification of microorganisms and viruses - General requirements, quality assurance and validation, $259.00

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 30189-1:2025, Internet of Things (IoT) - IoT-based management of tangible cultural heritage assets - Part 1: Framework, $172.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14651:2025, Information technology - International string ordering and comparison - Method for comparing character strings and description of the common template tailorable ordering, $259.00

ISO/IEC 20931:2025, Information technology - User interfaces - Icons for representing services in serviced offices, $127.00

ISO/IEC 19785-4:2025, Information technology - Common Biometric Exchange Formats Framework - Part 4: Security block format specifications, $172.00

IEC Standards

Electric road vehicles and electric industrial trucks (TC 69)

IEC 63380-2 Ed. 1.0 b:2025, Standard interface for connecting charging stations to local energy management systems - Part 2: Specific data model mapping, $580.00

IEC 63380-2 Ed. 1.0 en:2025, Standard interface for connecting charging stations to local energy management systems - Part 2: Specific data model mapping, $580.00

Electric traction equipment (TC 9)

IEC 62278-1 Ed. 1.0 b:2025, Railway applications - Specification and demonstration of reliability, availability, maintainability and safety (RAMS) - Part 1: Generic RAMS process, $496.00

IEC 62278-1 Ed. 1.0 en:2025, Railway applications - Specification and demonstration of reliability, availability, maintainability and safety (RAMS) - Part 1: Generic RAMS process, $496.00

IEC 62278-2 Ed. 1.0 b:2025, Railway applications - Specification and demonstration of reliability, availability, maintainability and safety (RAMS) - Part 2: Systems approach to safety, $470.00

IEC 62278-2 Ed. 1.0 en:2025, Railway applications - Specification and demonstration of reliability, availability, maintainability and safety (RAMS) - Part 2: Systems approach to safety, $470.00

Electrical equipment in medical practice (TC 62)

IEC 63322 Ed. 1.0 b:2025, Security of ME equipment containing high-activity sealed radioactive sources, $470.00

IEC 63322 Ed. 1.0 en:2025, Security of ME equipment containing high-activity sealed radioactive sources, $470.00

IEC 60601-1-SER Ed. 1.0 b:2025, Medical electrical equipment - ALL PARTS, $8483.00

Electromagnetic compatibility (TC 77)

IEC 61000-4-23 Amd.1 Ed. 2.0 en:2025, Amendment 1 - Electromagnetic compatibility (EMC) - Part 4-23: Testing and measurement techniques - Test methods for protective devices for HEMP and other radiated disturbances, $148.00

IEC 61000-4-23 Ed. 2.1 en:2025, Electromagnetic compatibility (EMC) - Part 4-23: Testing and measurement techniques - Test methods for protective devices for HEMP and other radiated disturbances, $1095.00

Fibre optics (TC 86)

IEC 61300-2-5 Ed. 4.1 en:2025, Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-5: Tests - Torsion, $200.00

IEC 61300-2-5 Amd.1 Ed. 4.0 en:2025, Amendment 1 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-5: Tests - Torsion, $13.00

IEC 61300-2-5 Amd.1 Ed. 4.0 b:2025, Amendment 1 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-5: Tests - Torsion, $13.00

Magnetic alloys and steels (TC 68)

IEC 60404-1 Amd.1 Ed. 3.0 b:2025, Amendment 1 - Magnetic materials - Part 1: Classification, $26.00

IEC 60404-1 Amd.1 Ed. 3.0 en:2025, Amendment 1 - Magnetic materials - Part 1: Classification, $26.00

IEC 60404-1 Ed. 3.1 en:2025, Magnetic materials - Part 1: Classification, $219.00

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 249 – Traditional medicine ISO/TC 249, ISO/TC 249/SC 1 – Traditional Chinese medicine, and ISO/TC 249/SC 2 Ayurveda and yoga

Comment Deadline: August 1, 2025

ISO/TC 249 was recently restructured and is now titled Traditional medicine, with two subcommittees: ISO/TC 249/SC 1 – Traditional Chinese medicine, and ISO/TC 249/SC 2 – Ayurveda and yoga.

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 249 was recently restructured and is now titled Traditional medicine, with two subcommittees: ISO/TC 249/SC 1 – Traditional Chinese medicine, and ISO/TC 249/SC 2 – Ayurveda and yoga; therefore, ANSI is not a member of these committees. The Secretariats for these committees are held by China (SAC) for ISO/TC 249 and ISO/TC 249/SC 1, and India (BIS) for ISO/TC 249/SC 2.

ISO/TC 249 and ISO/TC 249/SC 1 operates under the following scope:

Standardization in the field of medical systems derived from ancient Chinese medicine which shall be able to share one common set of standards. Both traditional and modern aspects of these systems are covered. The committee focuses on quality and safety of raw materials, manufactured products and medical devices and of informatics, including service standards limited to involving the safe use and delivery of devices & medicine, but not into the clinical practice or application of those products.

ISO/TC 249/SC 2 operates under the following scope:

Standardization in the field of Ayurveda and Yoga. Both traditional and modern aspects of products and services of these systems are covered. The committee will focus on following fields including but not limited to Terminology; Quality and Safety of ingredients, extracts, finished products, Ayurveda based dietary supplements and nutraceuticals, Ayurveda Pharmaceutical equipments and procedures; Health and Wellness service requirements; Health Assessment tools/equipment; Rejuvenative procedures and tools/equipment /devices; Yoga accessories, Yoga props and common yoga protocol practices.

Excluded: Standardization covered by

ISO/TC 54 - Essential oils
ISO/TC 215 - Health Informatics
ISO/TC 249 - Traditional Chinese Medicine

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

International Organization for Standardization (ISO)

New Secretariats

ISO/TC 8/SC 25 – Maritime GHG reduction

Comment Deadline: August 8, 2025

Trident Maritime Systems, Inc. (TMS) has requested ANSI to delegate the responsibilities of the administration of the ISO/TC 8/SC 25 secretariat to Trident Maritime Systems, Inc. The secretariat was previously held by the U.S. Coast Guard (USCG) and the secretariat transfer is supported by the U.S. TAG.

ISO/TC 8/SC 25 operates under the following scope:

Standardization of ship GHG assessment and documentation procedures; bunkering and/or charging operations associated, and on-dock power generation.

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

Registration of Organization Names in the United States

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

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, 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.

Aerospace Industries Association, NAS9945 – REV 1 Public Review Comments and Adjudication

Page#:	Section:	Type A-Admin S-Substantive C-Critical	Commenter's Suggested Change:	Commenter's Rationale for Change:	Dispo: Accept, Modify, Reject	Disposition Rationale:
4	1	A	When listing the 3 child documents, there is a formatting error. The document currently states: *"Emerging Technology Airworthiness Training (NAS9945-4) (in work).The FAA, DoD, international regulators, and industry, utilize similar, but different, terminology and acronyms when working aircraft certification programs and ensuring continued airworthiness.* *With a goal of increasing clarity and understanding of this Standard, definitions of terms and acronyms used in this Standard are defined in Section 3.."* It should be: *- Emerging Technology Airworthiness Training (NAS9945-4) (in work).* *The FAA, DoD, international regulators, and industry, utilize similar, but different, terminology and acronyms when working aircraft certification programs and ensuring continued airworthiness. With a goal of increasing clarity and understanding of this Standard, definitions of terms and acronyms used in this Standard are defined in Section 3.*	This is a formatting error. The 4th child document should be listed as its own bullet and then the next sentence is part of the final sentence as they are related in context.	Accept	Formatting error. Will fix per recommendation.
5	1.2	S	Include 14CFR Part 38 in the list of FAA regulations.	The FAA recently issued 14CFR Part 38 for Airplane Fuel Efficiency Certification, which has driven a good amount of work on engine and aircraft manufacturers on how to comply with the regulations and its applicability to existing and new aircraft.	Accept	Add "14 CFR Part 38 Airplane Fuel Efficiency Certification" to list.
6	1.2	A	Formatting error, the document states: *"The DoD recognizes the FAA system and uses this system to the maximum extent practical to certify and maintain aircraft used* *to transport personnel and/or equipment."* It should all be a single paragraph.	There is extra spaces instead of a single paragraph.	Accept	Formatting error. Will fix per recommendation.

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6	1.2	S	Include AC20-169, Guidance for Certification of Military and Special Mission Modifications and Equipment for Commercial Derivative Aircraft (CDA) in the list of documents for MCDA.	AC 20-169 is the key companion document to FAA Order 8110.101( ) and used heavily on MCDA programs.	Accept	Add "AC 20-169 Guidance for Certification of Military and Special Mission Modifications and Equipment for Commercial Derivative Aircraft (CDA)" to list.
7	1.2	S	When discussing MCDA certification. Please make note that MCDA follow a combination of civil an military requirements, so proficiency on MCDA requires a combination of NAS9945-2 and NAS9945-3.	The DoD desires MCDA to be certified through the FAA process and requirements to the maximum extent practical, thus a majority of MCDA certification is done through the civil process plus 8110.101 ( ), and only the things the FAA cannot certify go through the military certification process and requirements.	Modify	Change to "The Military / Defense Airworthiness Training Standard, hereinafter referred to as NAS9945-3, provides instructional content guidance for airworthiness engineers for colleges and universities in the US with the aim of providing guidance for educating engineering students in the concepts and principles of military aircraft certification and airworthiness engineering. Training for engineers working with military commercial derivative aircraft (MCDA) encompass the instructional content in both NAS9945-2 and NAS9945-3."
	2	A	Format according to SGC-2	Need to organize list by publisher per SGC-2.	Accept	Also add 14 CFR Part 38 and AC 20-169 to reference list.
8	2	S	Include 14CFR Part 38 in the list of FAA regulations.	The FAA recently issued 14CFR Part 38 for Airplane Fuel Efficiency Certification, which has driven a good amount of work on engine and aircraft manufacturers on how to comply with the regulations and its applicability to existing and new aircraft.	Accept	see above - add to Part 38 to reference list.
	3	A	Any acronym that is not used in the document needs to be removed from the list.	Required by SGC-2 style guide.	Accept	Acronyms to be listed per AIA style guide.
9	3.7	A	The last paragraph says AWPs, but this section is for AWS.	Type error used AWP instead of AWS.	Modify	Move "In certain special circumstances, AWPs may not have a college degree, but have obtained the role based on gaining extensive airworthiness experience in the industry." that is currently in Section 3.7 to the note in 3.6 (under AWP). Also "Airworthiness Engineer" in 3.5 should be capitalized.

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10	4	A	Add PMA - Parts Manufacture Approval to Acronyms	Include PMA acronym as PMA should be included in section 7.2 and 8.2, see following two comments.	Accept	Pending acceptance of PMA comments below.
10	4	A	Spelling - A&P should be Airframe and Powerplant (FAA).		Accept	Typo
15	6.5	A	The document states: *"NOTE: Instructors for continuing education courses, lectures and/or conferences do not need to meet faculty requirements identified in Section 5."* The reference to section 5 is incorrect. It should reference section7 for faculty.	Typo pointing to the wrong reference.	Accept	Typo
16	7.2	A	Include PMA for the following sentence " Related experience (civil or military) can be product certification related, supplement certification related, PMA related, maintenance /repair/overhaul support, Technical Standard Orders (TSO) product support involvement or demonstrated scholarship in topics related to any of these."	PMA (Parts Manufacturer Approval) represents a imprtant pathway in the aerospace ecosystem for producing FAA-approved replacement and modification parts. Faculty with PMA-related experience bring valuable insight into regulatory compliance, certification processes, and safety assurance. PMA development requires engagement with design, substantiation of airworthiness, quality systems, and conformity inspections—core principles in airworthiness engineering education.Including PMA in the list of relevant experiences ensures that faculty with practical exposure to aftermarket certification, alternative parts approval strategies, and the economic and safety implications of PMA parts can effectively contribute to a comprehensive and industry-relevant airworthiness curriculum.	Accept	Good addition. NAS9945-2 has a section on PMA.

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19	8.2	A	Revise Project experience to include PMA and TSOA. "Project experience with: TC/STC; PMA; TSOA; MCDA; Public Use Aircraft; weapons systems; UAV/UAS; and/or sub-systems.	Adding FAA-PMA and TSOA to the project experience scope at the intermediate level reflects regulatory mechanisms involved in approving aircraft parts and articles beyond type certification. Both PMA and TSOA processes require in-depth knowledge of design, production, quality assurance, and regulatory compliance.Including these areas of experience better represents the breadth of activities that intermediate airworthiness professionals may need to manage and reinforces a training framework that aligns with both regulatory demands and industry needs.	Modify	Add: "Project experience with: TC/STC; PMA; TSO; MCDA; Public Use Aircraft; weapons systems; UAV/UAS; and/or sub-systems."
13	6.1 (Table 1)	S	Is the second bullet under "Common" intended to cover Technical Writing? If yes, it is suggest you make it clearer. If no, then it is suggest you include technical writing.	Technical writing (i.e. test plans, test reports, compliance reports, analysis documents, etc.) is a weak point of engineers and all degrees would highly benefit from a better and more focused technical writing curriculum.	Modify	Add bullet to "Common" in Table 1 : "Evidence of robust technical communication to include reports, presentations, etc."
	Appendix A	A	Need to mention Appendix A in the body of the document.	Required by SGC-2 style guide.	Modify	"For colleges and universities, this document supports establishing airworthiness programs that result in Bachelor of Science or Master of Science degrees, or Certificates, that promote airworthiness competency (see Appendix A)." - Section 1.1, page 5

BSR/ASHRAE Addendum b
to ANSI/ASHRAE Standard 15.2-2024

Second Public Review Draft

Proposed Addendum b to Standard 15.2-2024, Safety Standard for Refrigeration Systems in Residential Applications

Second Public Review ISC (TBD)
(Draft shows Proposed Changes to Current Standard)

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

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

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FOREWORD

This addendum proposes modifications to require a leak detection system to be part of a refrigeration system installed in a room where open flame appliances are present. This is needed because currently ASHRAE 15.2 only addresses open flames in the ducts of flammable refrigerating systems per clause 5.4. It does not address the potential hazard of other appliances with open flames within a space where a flammable refrigerant may be present.

This ISC makes 2 changes to the wording proposed in the first public review draft. First, the definition of equipment is changed back to the wording of the 2024 edition, such that there is no change to the definition. Secondly, the defintioin of fixed is changed from the change proposed to avoid misinterpretation.

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

Addendum b to Standard 15.2-2024

Modify Section 4 as follows. The remainder of this Sections remain unchanged.

4. DEFINITIONS

[...]

fixed ***~~refrigeration system~~:*** ~~a type of refrigeration system that is intended to be used while~~ fastened to a support or ~~while~~ secured in a specific location.

[...]

BSR/ASHRAE Addendum c
to ANSI/ASHRAE Standard 15-2024

Second Public Review Draft

Proposed Addendum c to Standard 15-2024, Safety Standard for Refrigeration Systems

Second Public Review (April 2025)
(Draft shows Proposed Independent Substantive Changes to Previous Public Review Draft)

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

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FOREWORD

This proposed addendum to ASHRAE Standard 15–2024 updates the pressure relief requirements for pressure vessels having inside dimensions 6" or less and allows them to be protected in accordance with their listing. This change builds upon the change made by addendum a to Standard 15–2022.

Note: This public review draft of addendum c makes proposed independent substantiative changes to the previous public review draft. These substantive changes to the previous public review draft are indicated by blue-colored text with double-underlining (for additions) and red-colored text with ~~strikethrough~~ (for deletions), except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard shown in blue or red text are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.

Addendum c to Standard 15-2024

Modify Section 9 as follows. The remainder of Section 9 remains unchanged.

9. DESIGN AND CONSTRUCTION OF REFRIGERATION EQUIPMENT AND SYSTEMS

[…]

9.4 Pressure Relief Protection

[…]

9.4.2* *Pressure vessels shall* be protected in accordance with Section 9.7. *Pressure relief devices* are acceptable if they either bear a nameplate or are directly marked with a "UD," "UV", or "VR" symbol signifying compliance with ASME Boiler and Pressure Vessel Code15, Section XIII. *Pressure vessels* having *inside dimensions* of 6 in. (152 mm) or less ~~and complying with Section 9.3.1.1a shall be permitted to be equipped with overpressure protection in accordance with their listing~~ *shall* be permitted to be equipped with overpressure protection in accordance with Section 9.3.1.1.

BSR/ASHRAE Addendum aa
to ANSI/ASHRAE Standard 62.1-2022

Public Review Draft

Proposed Addendum aa to Standard 62.1-2022, Ventilation and Acceptable Indoor Air Quality

First Public Review (July 2025)
(Draft shows Proposed Changes to Current Standard)

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

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FOREWORD

Addendum n to Standard 62.1-2022 requires that when particulate matter or gas phase air cleaning is included in the Indoor Air Quality Procedure (IAQP) design that the efficiencies utilized are in accordance with defined testing standards or a custom efficiency test performed by a third-party lab. However, Addendum n only requires manufacturers to provide initial removal efficiencies and does not require or account for the performance of the air cleaner or filter over its operational life. Some technologies decrease in efficiency over time as they become loaded with contaminants. This can lead to a mass balance design that results in a concentration for a given contaminant that is below the Design Limit when using the initial efficiency of a technology but may exceed the limit as its performance degrades during operation over time.

Formaldehyde has both a low design limit and a moderate/high generation rate in the space. Of the Design Compounds (DCs) and PM2.5, the limiting factor in most IAQP calculations is formaldehyde, meaning formaldehyde drives the resultant required outdoor airflow, which is why it was selected for use of End-of-Useful-Life-Efficiency in the mass balance equations. The nonpolar volatile organic compound is included to check for consistency of performance with contaminants that are chemically dissimilar to formaldehyde. If the removal efficiency of the air cleaner for the test contaminants decreases over time, then it is possible that the concentration of contaminants in the occupied space will increase to levels above the design limit.

For example, an air cleaner might have a first-pass removal efficiency of 60% for formaldehyde, but the removal efficiency drops down to 20% by the time when the manufacturer recommends replacement. In a typical 20,000 ft^2 office building, where the outdoor air was decreased from the VRP rate of 2,125 CFM to 1,125 CFM, the resultant concentration would be 30.7 µg/m3 which is below the design limit of 33 µg/m3, however at the end of life of the air cleaner the resultant outdoor airflow requirement would only be 41.2 $\mu g/m^3$, well above the specified design limit of 33 $\mu g/m^3$.

To prevent this mismatch between design assumptions and real-world conditions, this proposed addendum introduces the requirement to use the End-of-Useful-Life Efficiency (E_{EOL}) for formaldehyde. The E_{EOL} reflects the removal performance of a gas-phase cleaner at the point of recommended replacement, determined by preloading the filter to its expected accumulated contaminant mass (M_{ACC}) and in either the initial test or re-testing per Section 6.3.4.1. This ensures that the IAQP design maintains compliance with exposure limits throughout the actual service life of the cleaner.

Using the same example, assuming a sorbent-based gas phase removal technology, a 2-year recommended change, and annual building operating hours of 3,744 hr/year M_{ACC} calculated per equation 6-13 would be 251.9 grams. The E_{EOL} would be the efficiency of the air cleaner when loaded with 251.9 grams of formaldehyde which for this example would be 20%. Using the E_{EOL} versus the initial efficiency in the mass balance equation would indicate that the current design outdoor air would result in a formaldehyde concentration greater than the specified design limit. Therefore, either the outdoor air would need to be increased, or a shorter replacement period would need to be recommended.

Using the E_{EOL} for formaldehyde will ensure that the formaldehyde concentrations remain below the design limit for the lifetime of the air cleaner.

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

Addendum aa to 62.1-2022

Add new Section 6.3.4.1 under Section 6.3.4 in Addendum n to Standard 62.1-2022. Addenda to Standard 62.1-2022 are available for free download on the ASHRAE website at https://www.ashrae.org/technical-resources/standards-and-guidelines/standards-addenda.

6.3.4.1 End-of-Useful-Life Efficiency. Gas-phase filters and air cleaners that capture contaminants shall report an End-of-useful-life removal efficiency (E_{EOL}) for formaldehyde and at least one nonpolar volatile organic compound (VOC) from Table 6-5 that accounts for the expected accumulated mass of captured contaminant (M_{ACC}) at the specified replacement period. The expected M_{ACC} at the specified replacement period shall be determined in accordance with Equation 6-13. The E_{EOL} shall then be determined by repeating the test from Section 6.3.4 on a gas-phase filter that has been pre-loaded to the expected accumulated mass value. The E_{EOL} shall be used in Appendix F in place of E_f when calculating mass-balance removal efficiency for formaldehyde. All inputs used in Equation 6-13, along with third-party test reports, shall be provided upon request.

$$M_{ACC} = T_y P C_{bz} V_c E_f \qquad (6\text{-}13)$$

where:

M_{ACC} = Accumulated mass of contaminants, g
T_y = Annual building operating hours (Assume 3,744 hours based on 72 hours per week, unless otherwise specified) in hrs/year
P = Replacement period of the gas-phase filter or air cleaner, in years, as specified by the manufacturer for design purposes
C_{bz} = Design limit for target contaminant per Table 6-5
V_c = Airflow rate through the gas-phase filter or air cleaner, m^3/hour
E_f = Initial contaminant removal efficiency of the gas-phase filter or air cleaner

For technologies not covered above, the E_{EOL} shall be depreciated from the initial removal efficiency to the manufacturer-certified E_{EOL} to account for degradation over the service life of the air cleaner. This depreciation shall be determined in accordance with the manufacturer's instructions and shall be tested and verified by a third party. Any custom efficiency test procedure or test description shall be documented and approved by the authority having jurisdiction. All test results, including relevant equipment settings, shall be provided upon request.

BSR/ASHRAE Addendum f
to ANSI/ASHRAE Standard 62.1-2022

Public Review Draft

Proposed Addendum f to Standard 62.1-2022, Ventilation and Acceptable Indoor Air Quality

Second Public Review (July 2025)
(Draft shows Proposed Changes to Current Standard)

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FOREWORD

This proposed addendum improves the resiliency of a building by improving the ability to adjust ventilation quickly and easily in response to air quality related emergency conditions. It will add a minimum requirement for the control system to include an Economizer Shutdown in the event that the outdoor air is more contaminated than typical, for example during a wildfire event to ensure that not more than the minimum airflow is provided. It also includes at a minimum a Demand Control Ventilation Shutdown in the event that there are unusual sources within the building that require dilution to ensure that not less than the minimum airflow is provided. An additional Infection Risk Management Mode is added to comply with Standard 241 Building Readiness Plan.

All emergency modes require a control systems notification to alert operators that the system is in an Emergency Control Mode. This mode also includes a requirement for an automatic return to normal operation based on a timer control to avoid accidentally leaving the systems in one of the emergency modes after the emergency situation has passed. This would have a maximum setting of 72 hours, but doesn't preclude it being extended, only that it requires re-initiation. The method of initiation is not a requirement, for example it may be manual or may be via sensed value, it is only required to automatically reset.

The committee notes that ventilation controls for air quality emergencies were published as Addendum k to Standard 189.1-2020. This addendum to Standard 62.1-2022 borrows from Addendum k, but differs in part due to Standard 62.1's mission to provide the minimum, rather than enhanced, requirements of ventilation, indoor air quality, and operation.

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Addendum f to 62.1-2022

Add new Section 5.21 as shown below.

5.21 Ventilation System Emergency Control Modes. The building control system shall include modes of operation that adjust ventilation rates for emergency conditions. The control system shall allow initiation of the following modes:

a. Economizer Shutdown: Disable economizer controls such that systems operate with minimum outdoor airflow only.
b. Outdoor Air Intake Increase: Demand controlled ventilation (DCV) shall be disabled. The outdoor air intake flow (*Vot*) and the exhaust rates shall be set to the maximum rates designated by the Designer for system operation in this mode.

Informative Note: An example emergency during which the Economizer Shutdown mode of operation may be used is a nearby wildfire causing poor outdoor air quality. An example emergency during which the Ventilation Increase mode of operation may be used is a temporary period of unusual indoor contaminant source.

5.21.1 Infection Risk Management Mode (IRMM): When compliance with Standard 241 requires a change to the ventilation system operation, that mode of operation shall be designated as a Ventilation System Emergency Control Mode.

5.21.2 Outdoor Pollution Mode: When compliance with a guideline for outdoor air pollution requires a change to the ventilation system operation, that mode of operation shall be designated as a Ventilation System Emergency Control mode.

Informative Note: Refer to Guideline 44 for Wildfires. Refer to Guideline 36 for other Outdoor Pollution events.

5.21.3 Ventilation System Emergency Controls Modes shall include a timer-based reset that automatically restores normal operation after a user-adjustable period that shall be limited to not more than 72 hours. The initiation of these modes shall trigger a control system notification.

BSR/ASHRAE Addendum y
to ANSI/ASHRAE Standard 62.1-2022

Public Review Draft

Proposed Addendum y to Standard 62.1-2022, Ventilation and Acceptable Indoor Air Quality

First Public Review (July 2025)
(Draft shows Proposed Changes to Current Standard)

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FOREWORD

This proposed addendum modifies Section 6.2.6.1.5 Documentation to include the value of the occupant component (Rp x Pz) and building component (Ra x Az) for each demand controlled ventilation (DCV) zone. The building component of outdoor airflow is required for a DCV zone per Section 6.2.6.1.2. Control vendors often struggle on the job site to calculate these numbers as this requires the information on Occupancy type and the area of the DCV zone in question which are listed in Table 6-2. And this information is generally not readily available at the site.

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Addendum y to 62.1-2022

Update Section 6.2.6.1.5 Demand Controlled Ventilation – Documentation as shown below.

6.2.6.1.5 Documentation. A written description of the equipment, methods, control sequences, set points, and the intended operational functions shall be provided. A table shall be provided that shows the minimum and maximum outdoor intake airflow for each system and the occupant component ($Rp \times Pz$) and building component ($Ra \times Az$) for each demand controlled ventilation zone.

BSR/ASHRAE Addendum z
to ANSI/ASHRAE Standard 62.1-2022

Public Review Draft

Proposed Addendum z to Standard 62.1-2022, Ventilation and Acceptable Indoor Air Quality

First Public Review (July 2025)
(Draft shows Proposed Changes to Current Standard)

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FOREWORD

The code currently exempts laboratories and animal facilities from meeting the ventilation rates in Table 6-1 when certain conditions are met, but does not exempt them from the minimum exhaust airflow rate requirements of Table 6-2. This proposed addendum corrects this oversight and allows qualified professionals to establish the minimum exhaust rates required.

ANSI Z9.5-2022 also does not set a minimum air change rate and notes that studies have shown that laboratories can be operated safely at as low as 2 ACH under demand control sequences. The current exhaust rate of 1.0 CFM/SF (5.0 L/s·m2) is roughly equivalent to 6 ACH, thus preventing laboratories from turning down to 2 ACH. In order to allow these energy savings, consistent with ANSI Z9.5, the minimum exhaust rate is reduced to 0.35 CFM/SF (1.75 L/s m2).

The name of the occupancy category is also corrected in Table 6-2 to Science laboratories to be consistent with Table 6-1, Informative Appendix J, and Informative Appendix M.

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

Addendum z to 62.1-2022

Modify Section 6.2.1.1 as shown below.

6.2.1.1.5 Laboratories. Laboratory spaces that comply with all requirements of ANSI/ASSP Z9.5 are not required to comply with the rates in Table 6-1 and Table 6-2.

6.2.1.1.6 Animal Facilities. Animal facilities that have completed a risk evaluation performed by the EHS professional responsible to the owner or to the owner's designee are not required to comply with the rates in Table 6-1 and Table 6-2.

Modify Table 6-2 as shown below. The remainder of Table 6-2 is unchanged.

Table 6-2 Minimum Exhaust Rates

Occupancy Category	Exhaust Rate, cfm/unit	Exhaust Rate, cfm/ft^2	Notes	Exhaust Rate, L/s·unit	Exhaust Rate, L/s·m^2	Air Class
~~Educational s~~Science laboratories	—	~~1.00~~ 0.35		—	~~5.0~~1.75	2

Record #24-374 Revised 6/12/2025
Revisions ASME B89.4.23-2020 – Sphere Material

Sect 4, base material

…base material: the part of the test object that holds the spheres used as metrological geometric elements. Base material shall be in the ~~same~~ rated material class ~~as the spheres~~, or it shall be a material that is low-density and low-CTE if the rated maximum penetration length would be exceeded and the rated material class is aluminum or steel (not plastic). Use of a low-density and low-CTE base material shall be disclosed by the manufacturer in the specification sheet for the CT system in accordance with Mandatory Appendix II

Sect. 7.1.1, Para. 3

Proposed

Test objects shall have a base material that is in the same material class as the spheres and obstructing body. If this condition cannot be met for the aluminum or steel material classes (not plastic), the base material shall be a low-density and low-CTE material and its use shall be disclosed by the manufacturer in the specification sheet for the CT system in accordance with Mandatory Appendix II. Tests conducted using test objects with a base material that is low-density and low-CTE may not reveal some errors in a CT system that might occur during a CT scan due to temperature variation. Nonmandatory Appendix C describes a test procedure that may reveal these errors.

Sect. 7.1.2, Para. 1

Proposed

A test object shall consist of calibrated spheres used to determine the metrological fiducial points (spheres centers) and an uncalibrated obstructing body, which is introduced to test penetration length and beam-hardening effects. The spheres and obstructing body in a test object shall be made from the same class of material, which shall be one of the three rated material classes: plastic, aluminum, or steel. See Mandatory Appendix I for a discussion of material similarity. All spheres of a test object shall be made of the same material, e.g., aluminum oxide.

When testing plastic as a rated material class, the manufacturer and user may agree to use a test object with calibrated spheres from the aluminum class and base material and obstructing body from the plastic class. This may be needed if sufficient precision spheres from the plastic class are unavailable. Prior to making this agreement, the manufacturer shall disclose in the specification sheet for the CT system that spheres from the aluminum class may be used to test the plastic class.

Record #25-658 Revised 5/7/2025
Revisions to ASME B89.4.23-2020 – New Interim Testing Appendix

NOTE TO READER: This entire Nonmandatory Appendix is proposed new material. All of the below content is new proposed text to the existing ASME B89.4.23-2020 Standard.

Nonmandatory Appendix D
Interim Testing and Other Measurands of Interest

D-1 Introduction

The test protocol described in this Standard determines whether a CT system is within specification of length, size and form MPEs. The performance of a CT system may degrade over time or change after routine maintenance or repair. Reverifying the performance of a CT system with the full test protocol in this Standard is ideal. However, it may not always be practical to perform the full test due to time and resource constraints. For this reason, a short version of the Standard test protocol is useful to determine if a CT system is likely within specification.

This appendix describes an abbreviated test protocol that may be performed as an interim test. The shortened test is a good predictor of performance on the full test described in this Standard.

The degradation of CT system dimensional measurement accuracy over time is largely influenced by geometrical errors. Although the influence of material on measurement accuracy is significant, it is usually relatively stable over time. The decrease in accuracy of a CT system is primarily influenced by geometrical errors, which are mainly influenced by

- X-ray source, detector and rotary table alignment
- Rotary table dynamics (runout)
- Temperature variation and correction
- Detector and source performance

The interim test described in this appendix reveals nearly all geometrical errors in a CT system for a particular configuration, although potentially at a reduced sensitivity when compared to the full test protocol. It is recommended to perform the interim test in a relevant configuration after system maintenance, repair or as a process control check.

D-2 Interim Test Procedure

The following is the recommended interim test procedure.

Scan a test object that fulfills the vertical measurement plane of para 7.4.1, such as the ball plate, at a system configuration (magnification, focal distance, technique) relevant to user. The vertical measurement plane reveals nearly all geometrical errors in a CT system. The obstructing body is not necessary for this test because the error from material influence is less likely to change over time.

Obtain the test values by evaluating the length, size and form measurands according to section 6. The interim test is passed if the test values are not greater than the user-established MPEs, similar to reverification testing in para 8.3.

The MPEs used in this interim test procedure are established by the user and re-evaluated periodically. The recommended procedure for establishing these MPEs is by performing the interim test immediately following the full B89.4.23 test.

D-3 Other Measurands of Interest

The following measurands are examples of additional sources of error and may be of interest to monitor as they could have a significant influence on dimensional measurement accuracy and may vary over time. Note that this is not an exhaustive list of all relevant additional sources of error. These measurands may change over time (or may not), and they may have a significant influence on dimensional measurement accuracy.

D-3.1 General CT artifacts

An overview of expected artifacts (artificial features which appear in the reconstructed CT volume but do not correspond to a physical feature of the object being measured) in CT volumes is given in ISO 15708-3, section 5.5. Typical artifacts, their causes, and appropriate countermeasures or correction methods are explained, and example images are shown.

The user should compare the current CT volume for similarities with the examples and descriptions given in ISO 15708-3 section 5.5. The user can apply the appropriate countermeasure or correction method or track the occurrence of the corresponding artifacts. The most common artifacts are due to beam hardening (see ISO 15708-3 section 5.5.2) and edges (see ISO 15708-3 section 5.5.3, often referred to as metal artifacts), which may lead to darker CT values than expected and influence the measurement results.

D-3.2 X-ray source focal spot measurement

The non-zero size and shape of an X-ray source's focal spot can have a significant impact on dimensional measurement accuracy of the CT system. A user can measure the size of the focal spot for a particular set-up using a variety of different methodologies, including pinhole imaging (ASTM E1165, EN 12543-2, ISO 32543-1) and edge measurement (ASTM E2903, EN 12543-5). X-ray focal spot size and position can vary dynamically from influences including temperature control and x-ray source technology and stability. This focal spot drift can also influence dimensional measurement accuracy.

D-3.3 X-ray Digital Detector Array (DDA) performance evaluation and monitoring

DDA performance degradation over time will impact the dimensional measurement performance of a CT system through, for example, loss of contrast, decrease in resolution, increase in noise, and artifacts from bad pixels.

Several standards describe methods to evaluate and monitor the performance of a DDA. ASTM-E2737 describes a procedure to evaluate DDA-related measurands such as bad pixels, offset and signal levels, signal to noise ratio, contrast sensitivity, and basic spatial resolution. ASTM-E2737 also describes how to establish control limits or acceptance criteria for these measurands. ASTM-E2597 defines standardized nomenclature for DDA bad pixel identification and classification.

D-3.4 Spatial resolution and contrast sensitivity

The measurands of spatial and contrast resolution in CT are the modular transfer function (MTF) and the contrast discrimination function (CDF). The methods for determining these parameters are described in detail in ASTM E1695. To measure them, a cylinder made of the same material as the material to be penetrated and with a diameter equal to the thickness of the material is required. The cylinder should be scanned with the same parameters as the target application. As described in ASTM E1441, a so-called contrast detail diagram (CDD) can be derived by dividing the CDF by the MTF and multiplying by a constant factor c, which is equal to 3 for round object structures perceived by the human observer, such as drill holes. The intersection of the CDD with the 100% contrast level (CDD100%) corresponds to the minimum visible detail size of a round object.

The user should monitor the CDD100% value and can analyze the trend over a specified time interval. If the value is outside a predefined range, the X-ray detector or source may be degraded and unscheduled maintenance should be performed to determine the cause of the change in spatial and contrast resolution. Additionally, the user can analyze what caused the shift in CDD100% by looking at the full MTF and CDF curves to determine if there is a change in spatial (MTF curve changed) or contrast resolution (CDF curve changed).

D-3.5 User-chosen test object (golden part)

An uncalibrated or calibrated check standard that is scanned and measured over time can be useful to monitor the dimensional measurement performance of CT system.

D-3.6 Temperature and temperature variation

Monitoring temperature readings over time can indicate an issue with a cooling system of the CT system, if present.

Monitoring the temperature of the measuring volume during testing is particularly important when the CTE of a subsequent object being measured is different from the CTE of the test object. This aids in evaluating the uncertainty of the subsequent measurement (for example, in the case of using a low-CTE and low-density test object).

The temperature variation within a CT system can influence dimensional measurements. The temperature may vary across regions of the CT system, e.g. near the X-ray source or detector. It may also vary in time within a CT system, e.g. during a scan. Temperature measurands may be evaluated with sensors or probes to determine gradients and stability that may affect dimensional measurements.

Revisions to AWWA D110, July 2025

Sec. 4.10 Minimum Freeboard

During a seismic event, the maximum water-surface displacement (sloshing height) may impinge on the underside of the roof slab. The anticipated unrestrained sloshing height shall be computed by Eq 4-50 or 4-51. If minimum required freeboard per ASCE 7 is not provided to prevent uplift forces caused by sloshing, the tank roof and its connections shall be designed for the uplift forces. The uplift forces generated by the restraint of sloshing shall be computed as the hydrostatic force produced by the liquid restrained from sloshing. The connection of the roof to the wall shall be designed for the resulting forces, and restraint provided if the uplift sloshing force exceeds 90 percent of the roof dead load on the wall. Additionally, the tank design shall treat the confined portion of the convective mass as additional impulsive mass.

$$d = 0.42 C_C D I \qquad \text{(Eq 4-50)}$$

but need not exceed positive values of Eq 4-51:

$$\boldsymbol{d = \frac{3r\coth\left[\left(\sqrt{3.375\frac{H}{r}}\right)\right]I}{\frac{6T_C^2}{C_C r}-\sqrt{54}}} \qquad \text{(Eq 4-51)}$$

$$\boldsymbol{d = \frac{3r\coth\left[\left(\sqrt{3.375\frac{H}{r}}\right)\right]I}{\frac{6(0.3048)T_C^2}{C_C r}-\sqrt{54}}} \text{ (in SI system)}$$

For tanks in Risk Category IV, the Importance Factor, I, used for freeboard determination only, shall be taken as 1.0. For tanks in Risk Categories I, II, and III, the value of T_L in Eq 4-20 used for determining only freeboard may be set equal to 4 s regardless of the region in which the tank is located. The value of the Importance Factor, I, used for freeboard determination for tanks in Risk Categories I, II, and III shall be determined from Table 2.

Sec 4.11 Design for Seismic Effects of Backfill

The dynamic seismic forces caused by the backfill surrounding the tank, if any, shall be taken into account according to the soil-structure interaction criteria provided by the geotechnical engineer.

In a buried tank, the dynamic backfill forces shall not be relied on to reduce the dynamic effects of the water in the tank.

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by grey highlighting. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI/CAN Standard for Drinking Water Additives –

Drinking Water System Components – Health Effects

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2 Definitions

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2.15 commercial hot water application: A product application (e.g., for use in multiple-family dwellings, restaurants, hospitals) that is intended to result in continuous or intermittent exposure to water that has been raised from ambient temperature. Intermittent exposure is defined as any hot water contact that is not continuous. Products are tested for an end use temperature of 82 ± 2 °C (180 ± 4 °F).

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2.25 domestic hot water application: A product application (e.g., for use in single-family dwellings) that is intended to result in continuous or intermittent exposure to water that has been raised from ambient temperature. Intermittent exposure is defined as any hot water contact that is not continuous. Products are tested for an end use temperature of 60 ± 2 °C (140 ± 4 °F).

Rationale: Moving the example domestic and commercial hot applications from a parenthetical reference in section 5 to the definition.

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3 General requirements

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3.1.X.X Temperature options

Several temperature options are available for conditioning and exposure protocols based on the products' intended end use: cold water application, domestic hot water application (continuous or intermittent), and commercial hot water application (continuous or intermittent). Refer to the temperature definitions in section 2 and guidance in the specific section under which a product or material shall be evaluated.

Rationale: Adding a new section to the standard that explicitly outlines the exposure temperature options.

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4.5 Extraction procedures

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4.5.5.1 Single time point conditioning – Cold water and intermittent hot water applications

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4.5.5.2 Single time point conditioning – Continuous hot water applications

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4.5.6.1 Single time point exposure – Cold water application

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4.5.6.2 Single time point exposure – Hot water applications

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4.5.7.1 Cold water application

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4.5.7.2 Hot water applications

Products that are intended to be in intermittent contact with hot water shall undergo the cold water application exposure according to Section 4.5.7.1. ….

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5.5.5 Exposure protocols

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5.5.5.1 Cold water application

Cold water application product samples, as designated by the manufacturer, shall be placed in an exposure vessel...

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5.5.5.2 Domestic hot water application

Products that are intended for domestic hot applications as designated by the manufacturer ~~(e.g., for use in single-family dwellings)~~ shall be placed in an exposure vessel and completely covered with exposure water of the applicable pH (see Section 5.5.3). The exposure vessel shall be placed in a 60 ± 2 °C (140 ± 4 °F) environment for the duration of the exposure period.

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5.5.5.3 Commercial hot water application

Products that are intended for commercial hot water applications, as designated by the manufacturer, ~~(e.g., for use in multiple-family dwellings, restaurants, hospitals)~~ shall be placed in an exposure vessel and completely covered with exposure water of the applicable pH (see Section 5.5.3). The exposure vessel shall be placed in an 82 ± 2 °C (180 ± 4 °F) environment for the duration of the exposure period.

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N-1.3.6 Exposure for all other joining and sealing materials

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N-1.3.6.1 Cold water application

Products to be evaluated for cold water applications shall be exposed using the sequence in Table N-1.5.

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N-1.3.6.2 Hot water application samples

Products to be evaluated for hot water applications shall be exposed using the sequence in Table N-1.6.

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N-1.8.4 Normalization of service line and residential products

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N-1.8.4.3 Dual chamber manifolds with two noncontiguous water chambers shall be individually normalized for the hot and cold water chambers when each chamber is ~~seperately~~ separately exposed.

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Table N-1.2
Exposure Summary

Category	Annex N-1 reference Section	Type of samples (surface area)	Required preparation	Product exposure
joining and sealing materials	N-1.3	15 cm2/L	— some products applied to an appropriate substrate — some products cut to appropriate size — washed to remove debris accumulated during shipping and handling	cold water exposure = 24, 24, 24 h at 23 °C (73 °F) hot water exposure = 1, 1, 1 h at 82 °C (180 °F)
mechanical devices	N-1.4	entire device, component, or material specimen [a]	wash to remove debris accumulated during shipping	conditioning period prior to exposure (2 wk maximum) cold water exposure = 24, 24, 24 h at 23 °C (73 °F)
[a] A material specimen shall be exposed using a minimum surface area-to-volume ratio or 50 cm2/L.				

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Table N-1.5
Exposure sequence for cold water applications…

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Table N-1.6
Exposure sequence for hot water applications…

Rationale: Add the term "water" to applicable temperature references throughout the standard to align with the definition terms.

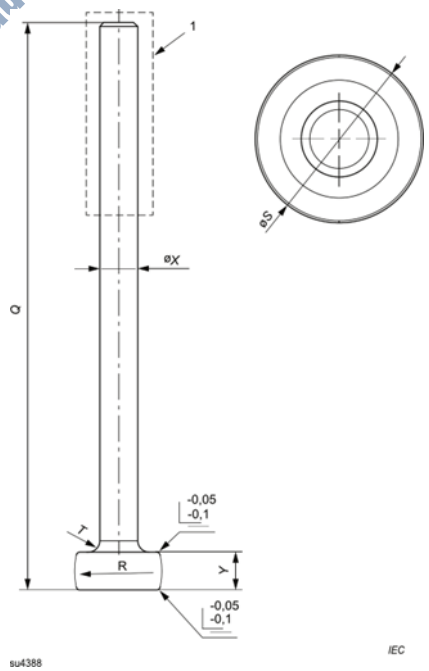
BSR/UL 62841-2-6, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 2-6 Particular Requirements for Hand-Held Hammers

1. Proposed revision to Table I.102 and Figure AA 6

PROPOSAL

Table I.102
Noise test conditions for rotary hammers

Orientation	Drilling vertically down into a concrete block having the formulation specified in Table I.103 and having the minimum dimensions 500 mm x 500 mm and 200 mm in height and supported on resilient material. The concrete block, its support and the tool shall be so oriented that – ~~that~~ the geometric centre of the tool is 1 m above the reflecting plane; – the centre of the concrete block is located under the top microphone "5"; as shown in Figure ~~I.101~~I.2 of Part 1; and – the sides of the concrete block are parallel to the square formed by the microphones "1" to "4" as shown in Figure ~~I.101~~I.2 of Part 1. For consistency of results the drilled holes are blind holes. If the drill bit breaks through, reducing the depth of the hole slightly is a method to avoid this.
Tool bit	New drill bit as recommended by the manufacturer for hammer drilling in concrete and of the size defined in Table I.105. For battery tools, the mass of the tool to select the drill bit is the mass without any **detachable battery pack** or **separable battery pack** attached to the tool.
Feed force	The feed force applied to the tool shall be sufficient to ensure stable operation with good performance.
Test cycle	Measurement starts when the drill bit has reached a depth equal to its diameter, and stops when the depth of hole according to Table I.105 has been reached and before the drill bit is removed from the hole.



Dimension	Size		
	40	**60**	**100**
Y	X	X	X
Q	[a]	[a]	[a]
R	200	200	200
S	$39{,}5\ ^{-0{,}3}_{-0{,}6}$	$59{,}5\ ^{-0{,}3}_{-0{,}6}$	$99{,}5\ ^{-0{,}3}_{-0{,}6}$
T	5	5	15

[a] As short as possible to ensure a value for the free length of stamper *U* (see Figure AA.1) of maximum ~~50~~100 mm.

Key
1 connection end
Material: Steel, e.g. 34CrNiMo6, 45SiCrV6, X155CrVMo12
Surface hardness: 50-55 HRC

Figure AA.6
Details of the stamper (generic)

ANSI Standard Action - Special Public Review Announcement

CEMA Standard No. 501.1-2021, "Specifications for Welded Steel Wing Pulleys."

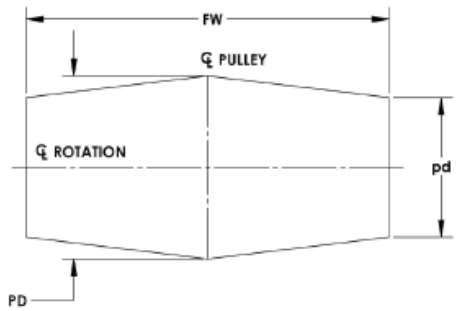
This document has undergone the changes listed below since the last public comment period. These changes are provided for public review in accordance with ANSI's procedures. Please note: the full text of the existing standard is not included in this announcement; only the specific text listed below is subject to review and comment.

- Dimensions to the permissible diameter variation based on the standard pulley face widths were added.

2. Diameter Variations: Standard Wing Pulley Permissible variations based on face width.

Standard Pulley Face Widths inches (mm)	Permissible Diameter Variation inches (mm)	
	Over Nominal Diameter	Under Nominal Diameter
12 (305) thru 26 (660)	0.125 (3.18)	0.375 (9.53)
Over 26 (660) thru 66 (1676)	0.125 (3.18)	0.75 (19.05)

- The taper crown figure and the equation for the pulley diameter at the edge were added. Also, a figure to explain how the crown is specified was added



Taper Crown

pd = PD - ((FW/12) x CR) in or pd = PD - ((FW/1000) x CR) mm

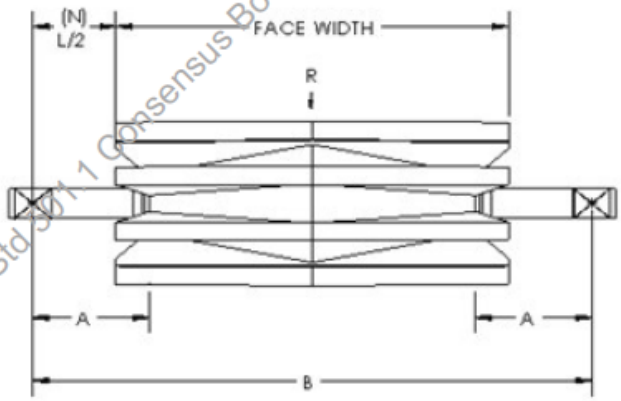
Where:

pd = Pulley diameter at the edge [in (mm)]
CR = Crown [1/16 to 1/8 in per foot (5.2 to 10.4 mm per meter of total face width]
FW = Face width [in (mm)]
PD = Pulley diameter at the midpoint [in (mm)]

- The dimension (N) = L/2 was included in Figure 2, "Pulley Dimensions and Nomenclature," for better understanding.

4.2. Selection Procedure: The following procedure selection procedure is used:

Figure 2. Pulley Dimensions and Nomenclature



- The description found below section 4.1 is already placed on the following page, immediately after Figure 1. To avoid redundancy, it was removed from page 7.

SECTION 4. SELECTION OF PULLEY SIZE

4.1. Determination of Actual Resultant Radial Load: The resultant radial load is the vector sum of the belt tensions, pulley weight and the weight of the shaft. The forces from the weights always act downward and the forces from the belt act in the path of the belt and away from the pulley. In most cases, a graphical solution, as illustrated in Figure 1 is a simple means of obtaining the resultant load.

~~Where:~~
~~T_3 = Tension (non-driving pulleys) [lbf (kN)]~~
~~W = Pulley weight [lbf (kN)]~~
~~R = Resukltant radial load [lbf (kN)]~~

- Clarification regarding where to obtain the shaft diameter (Tables 3-A (lbf) and 3-B (kN)) was added as part of Step 3 of the pulley size selection procedure.

- **Step 3**: Select a shaft diameter from Tables 3-A (lbf) or 3-B (kN) under Ratings for Pulley and Shaft Combinations using R, the appropriate pulley face width, and dimension L. The pulley and shaft rating should be equal to or greater than R.
- **Step 4**: Refer to Tables 4-A (in) or 4-B (mm) to make sure the pulley diameter, face width, and shaft diameter selected are available. If the combination is not available, it will be necessary to go to a larger pulley or shaft.

All comments must be submitted in writing to CEMA within the review period (30 days)

ANSI Standard Action - Special Public Review Announcement

CEMA Standard B105.1-2021, "Specifications for Welded Steel Conveyor Pulleys with Compression Type Hubs"

This document is provided for public review in accordance with ANSI's procedures. Please note that **only the following section(s)** are being proposed for revision and are thus **open for public comment** at this time.

The full text of the existing standard is not included in this announcement. Only the specific text listed below is subject to review and comment.

- The equation for pulley diameter for taper crown was added.

  Taper Crown
  pd = PD - ((FW/12) x CR) in
  pd = PD - ((FW/1000) x CR) mm

- Clarification in rating interpolation section regarding the available shaft diameter for common pulley diameter and face widths.

  3.3 Rating Interpolation

  Four values are listed in Tables 4-A (lbf) and 4-B (kN) Load Ratings for Pulleys and Shaft Combinations. In these tables, interpolation may be used for determining a load rating for an unlisted value of bearing centers minus face width. Refer to Tables 5-A (in) and 5-B (mm), it shows the available shaft diameter for common pulley diameters and face widths. If the combination is not available, it will be necessary to go to a larger pulley or shaft.

- Typo – Arc of contact 2201 should read 220.

Table 1-B. Maximum belt tension (kN per Meter of Belt Width)

Arc of Contact (deg)	Pulley Diameter (mm)													
	203	254	305	356	406	457	508	610	762	914	1067	1219	1372	1524
10	11	14	17	21	25	31	36	46	60	75	91	106	121	136
20	9	11	13	17	20	24	28	35	46	59	70	81	94	105
30	8	10	11	14	18	20	25	31	40	51	60	71	81	91
40	6	8	10	12	15	18	21	26	35	43	52	60	69	78
50	5	7	8	11	12	15	18	23	30	38	45	53	60	67
60	5	7	8	11	12	15	18	22	29	36	44	51	58	66
70	5	7	9	11	13	15	18	23	31	39	46	53	61	69
80	6	8	9	11	14	17	20	25	33	41	50	58	66	74
90	6	8	10	12	15	18	21	26	35	45	53	62	71	80
100	7	9	11	13	16	19	23	28	38	47	57	67	75	85
110	8	10	11	14	18	20	25	31	40	51	60	71	81	91
120	8	10	11	15	18	21	25	32	43	53	64	74	86	96
130	9	11	13	17	20	24	28	35	46	59	70	81	94	105
140	10	12	14	18	22	26	32	39	53	66	79	92	105	118
150	11	13	16	20	25	30	35	44	59	74	88	103	117	132
160	12	15	18	23	28	32	39	49	66	81	98	114	130	140
170	13	17	20	25	31	36	44	54	73	91	109	127	140	140
180	15	18	22	28	34	40	48	60	81	101	121	140	140	140
190	13	17	20	25	31	36	44	54	73	91	109	127	140	140
200	12	15	18	23	28	32	39	49	66	81	98	114	130	140
210	11	13	16	20	25	30	35	44	59	74	88	103	117	132
220	10	12	14	18	22	26	32	39	53	66	79	92	105	118
230	9	11	13	17	20	23	28	35	46	59	70	81	94	105
240	8	10	11	15	18	21	25	32	43	53	64	74	86	96

- Formula for torsional moment was included.

Reference Table 3 for typical moment arm (A) values.
T = Torsional moment (lbf-in or N-mm) = T_e x r; where r = Pulley radius [in (mm)]
K = Overhung Load Modifying factor from Section 4.3

- A line for stress and deflection constrained was added to the load ratings tables.

Table 4-A. Load Ratings (lbf) for Pulley and Shaft Combinations*

(D) SHAFT DIAMETER (in)	(L) BEARING CENTERS MINUS FACE (in)	PULLEY FACE WIDTH (in)													
		12	14	16	18	20	22	26	32	38	44	51	57	63	66
1 3/16	2	1,000	920	780	670	590	530	440	350	290	240	210	180	170	160
	6	570	520	440	380	340	300	250	200	160	140	120	100	94	90
	10	400	370	310	270	230	210	170	140	110	96	82	73	66	63
	14	300	280	240	200	180	160	130	110	87	74	63	56	51	48
1 7/16	3	1,500	1,500	1,400	1,200	1,100	950	790	620	510	440	370	330	300	290
	6	1,000	1,000	950	820	720	640	530	420	350	300	250	220	200	190
	10	700	700	660	570	500	450	370	290	240	210	180	160	140	130
	14	540	540	510	440	390	350	290	230	190	160	140	120	110	100
1 11/16	3	2,400	2,400	2,400	2,300	2,000	1,800	1,500	1,200	980	830	710	630	570	540
	6	1,600	1,600	1,600	1,600	1,400	1,200	1,000	800	660	560	480	430	380	370
	10	1,100	1,100	1,100	1,100	960	850	700	560	460	390	340	300	270	260
	16	780	780	780	750	660	590	490	380	320	270	230	210	180	180
1 15/16	3	3,700	3,700	3,700	3,700	3,500	3,100	2,600	2,100	1,700	1,400	1,200	1,100	990	940
	6	2,500	2,500	2,500	2,500	2,400	2,100	1,800	1,400	1,100	980	840	740	670	640
	10	1,700	1,700	1,700	1,700	1,700	1,500	1,200	970	800	680	580	520	470	440
	16	1,200	1,200	1,200	1,200	1,100	1,000	840	670	550	470	400	360	320	310
2 3/16	3	5,300	5,300	5,300	5,300	5,300	5,100	4,200	3,300	2,800	2,400	2,000	1,800	1,600	1,500
	8	2,900	2,900	2,900	2,900	2,900	2,800	2,300	1,900	1,500	1,300	1,100	990	890	850
	12	2,200	2,200	2,200	2,200	2,200	2,100	1,700	1,400	1,100	970	820	730	660	630
	18	1,500	1,500	1,500	1,500	1,500	1,500	1,200	980	810	690	590	530	470	450
2 7/16	4	6,300	6,300	6,300	6,300	6,300	6,300	5,600	4,400	3,700	3,100	2,700	2,400	2,100	2,000
	8	4,000	4,000	4,000	4,000	4,000	4,000	3,600	2,900	2,400	2,000	1,700	1,500	1,400	1,300
	12	3,000	3,000	3,000	3,000	3,000	3,000	2,700	2,100	1,700	1,500	1,300	1,100	1,000	970
	18	2,100	2,100	2,100	2,100	2,100	2,100	1,900	1,500	1,300	1,100	910	810	730	690
2 11/16	4	8,100	8,100	8,100	8,100	8,100	8,100	8,100	6,400	5,300	4,500	3,800	3,400	3,100	2,900
	8	5,300	5,300	5,300	5,300	5,300	5,300	5,300	4,200	3,400	2,900	2,500	2,200	2,000	1,900
	12	3,900	3,900	3,900	3,900	3,900	3,900	3,900	3,100	2,600	2,200	1,900	1,600	1,500	1,400
	18	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,200	1,800	1,600	1,300	1,200	1,100	1,000
2 15/16	4	10,600	10,600	10,600	10,600	10,600	10,600	10,600	9,100	7,500	6,400	5,500	4,900	4,400	4,200
	8	6,900	6,900	6,900	6,900	6,900	6,900	6,900	6,000	4,900	4,200	3,600	3,200	2,900	2,700
	14	4,600	4,600	4,600	4,600	4,600	4,600	4,600	3,900	3,200	2,800	2,300	2,100	1,900	1,800
	20	3,400	3,400	3,400	3,400	3,400	3,400	3,400	2,900	2,400	2,000	1,700	1,600	1,400	1,300
3 7/16	6	11,600	11,600	11,600	11,600	11,600	11,600	11,600	11,600	10,100	8,500	7,200	6,400	5,700	5,500
	10	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	7,400	6,300	5,300	4,700	4,200	4,000
	14	6,700	6,700	6,700	6,700	6,700	6,700	6,700	6,700	5,800	4,900	4,200	3,700	3,300	3,200
	20	5,100	5,100	5,100	5,100	5,100	5,100	5,100	5,100	4,400	3,800	3,200	2,800	2,500	2,400
3 15/16	6	16,700	16,700	16,700	16,700	16,700	16,700	16,700	16,700	16,700	14,200	12,000	10,600	9,500	9,000
	10	12,400	12,400	12,400	12,400	12,400	12,400	12,400	12,400	12,400	10,600	8,900	7,900	7,100	6,700
	14	9,800	9,800	9,800	9,800	9,800	9,800	9,800	9,800	9,800	8,400	7,100	6,300	5,600	5,300
	20	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	6,400	5,400	4,800	4,300	4,100
4 7/16	8	19,600	19,600	19,600	19,600	19,600	19,600	19,600	19,600	19,600	19,100	16,100	14,200	12,700	12,100
	12	15,300	15,300	15,300	15,300	15,300	15,300	15,300	5,300	15,300	14,800	12,500	11,100	9,900	9,400
	16	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,100	10,300	9,100	8,100	7,700
	22	9,800	9,800	9,800	9,800	9,800	9,800	9,800	9,800	9,800	9,500	8,100	7,100	6,400	6,000

Table 4-A. Load Ratings (lbf) for Pulley and Shaft Combinations* (continued)

(D) SHAFT DIAMETER (in)	(L) BEARING CENTERS MINUS FACE (in)	PULLEY FACE WIDTH (in)													
		12	14	16	18	20	22	26	32	38	44	51	57	63	66
4 15/16	8		25,200	25,200	25,200	25,200	25,200	25,200	25,200	25,200	25,200	23,600	20,800	18,500	17,600
	12		19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	18,600	16,400	14,600	13,900
	16		16,400	16,400	16,400	16,400	16,400	16,400	16,400	16,400	16,400	15,400	13,500	12,100	11,500
	22		13,000	13,000	13,000	13,000	13,000	13,000	13,000	13,000	13,000	12,200	10,700	9,600	9,100
5 7/16	10			26,600	26,600	26,600	26,600	26,600	26,600	26,600	26,600	26,600	25,100	22,300	21,100
	14			22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	20,700	18,400	17,500
	18			18,700	18,700	18,700	18,700	18,700	18,700	18,700	18,700	18,700	17,700	15,700	14,900
	24			15,300	15,300	15,300	15,300	15,300	15,300	15,300	15,300	15,300	14,500	12,800	12,200
6	10			35,700	35,700	35,700	35,700	35,700	35,700	35,700	35,700	35,700	35,700	33,100	31,300
	14			29,500	29,500	29,500	29,500	29,500	29,500	29,500	29,500	29,500	29,500	27,300	25,900
	18			25,100	25,100	25,100	25,100	25,100	25,100	25,100	25,100	25,100	25,100	23,300	22,100
	24			20,600	20,600	20,600	20,600	20,600	20,600	20,600	20,600	20,600	20,600	19,000	19,000
6 1/2	12				39,200	39,200	39,200	39,200	39,200	39,200	39,200	39,200	39,200	39,200	38,000
	16				33,200	33,200	33,200	33,200	33,200	33,200	33,200	33,200	33,200	33,200	32,100
	20				28,800	28,800	28,800	28,800	28,800	28,800	28,800	28,800	28,800	28,800	27,800
	26				24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	23,200
7	12				49,000	49,000	49,000	49,000	49,000	49,000	49,000	49,000	49,000	49,000	49,000
	16				44,400	41,400	41,400	41,400	41,400	41,400	41,400	41,400	41,400	41,400	41,400
	20				35,900	35,900	35,900	35,900	35,900	35,900	35,900	35,900	35,900	35,900	35,900
	26				29,900	29,900	29,900	29,900	29,900	29,900	29,900	29,900	29,900	29,900	29,900
7 1/2	14				54,100	54,100	54,100	54,100	54,100	54,100	54,100	54,100	54,100	54,100	54,100
	18				46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
	22				40,800	40,800	40,800	40,800	40,800	40,800	40,800	40,800	40,800	40,800	40,800
	28				34,400	34,400	34,400	34,400	34,400	34,400	34,400	34,400	34,400	34,400	34,400
8	14				65,700	65,700	65,700	65,700	65,700	65,700	65,700	65,700	65,700	65,700	65,700
	18				56,400	56,400	56,400	56,400	56,400	56,400	56,400	56,400	56,400	56,400	56,400
	22				49,500	49,500	49,500	49,500	49,500	49,500	49,500	49,500	49,500	49,500	49,500
	28				41,800	41,800	41,800	41,800	41,800	41,800	41,800	41,800	41,800	41,800	41,800
8 1/2	16						67,700	67,700	67,700	67,700	67,700	67,700	67,700	67,700	67,700
	20						59,400	59,400	59,400	59,400	59,400	59,400	59,400	59,400	59,400
	24						52,900	52,900	52,900	52,900	52,900	52,900	52,900	52,900	52,900
	30						45,400	45,400	45,400	45,400	45,400	45,400	45,400	45,400	45,400
9	16						80,400	80,400	80,400	80,400	80,400	80,400	80,400	80,400	80,400
	20						70,500	70,500	70,500	70,500	70,500	70,500	70,500	70,500	70,500
	26						59,500	59,500	59,500	59,500	59,500	59,500	59,500	59,500	59,500
	32						51,500	51,500	51,500	51,500	51,500	51,500	51,500	51,500	51,500
9 1/2	16						94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500
	22						78,100	78,100	78,100	78,100	78,100	78,100	78,100	78,100	78,100
	28						66,500	66,500	66,500	66,500	66,500	66,500	66,500	66,500	66,500
	34						57,900	57,900	57,900	57,900	57,900	57,900	57,900	57,900	57,900
10	16						110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000
	22						91,100	91,100	91,100	91,100	91,100	91,100	91,100	91,100	91,100
	28						77,600	77,600	77,600	77,600	77,600	77,600	77,600	77,600	77,600
	36						64,800	64,800	64,800	64,800	64,800	64,800	64,800	64,800	64,800

* Based on SAE 1018 material, using either a bending stress of 8000 psi from resultant load (no torque), or a free shaft deflection at the hub of 0.0023 inches per inch (tan of 8 minutes), whichever governs.

Highlight reflects loads potentially exceeding scope of B105.1. Review belt PIW and modulus. **Left of dark line represents stress constrained and right of dark line represents deflection constrained.**

Table 4-B. Load Ratings (kN) for Pulley and Shaft Combinations*

(D) SHAFT DIAMETER (mm)	(L) BEARING CENTERS MINUS FACE (mm)	PULLEY FACE WIDTH (mm)													
		305	356	406	457	508	559	660	813	965	1118	1295	1448	1600	1676
30.163	51	4.45	4.09	3.47	2.98	2.62	2.36	1.96	1.56	1.29	1.07	0.93	0.80	0.76	0.71
	152	2.54	2.31	1.96	1.69	1.51	1.33	1.11	0.89	0.71	0.62	0.53	0.44	0.42	0.40
	254	1.78	1.65	1.38	1.20	1.02	0.93	0.76	0.62	0.49	0.43	0.36	0.32	0.29	0.28
	356	1.33	1.25	1.07	0.89	0.80	0.71	0.58	0.49	0.39	0.33	0.28	0.25	0.23	0.21
36.513	76	6.67	6.67	6.23	5.34	4.89	4.23	3.51	2.76	2.27	1.96	1.65	1.47	1.33	1.29
	152	4.45	4.45	4.23	3.65	3.20	2.85	2.36	1.87	1.56	1.33	1.11	0.98	0.89	0.85
	254	3.11	3.11	2.94	2.54	2.22	2.00	1.65	1.29	1.07	0.93	0.80	0.71	0.62	0.58
	356	2.40	2.40	2.27	1.96	1.73	1.56	1.29	1.02	0.85	0.71	0.62	0.53	0.49	0.44
42.863	76	10.68	10.68	10.68	10.23	8.90	8.01	6.67	5.34	4.36	3.69	3.16	2.80	2.54	2.40
	152	7.12	7.12	7.12	7.12	6.23	5.34	4.45	3.56	2.94	2.49	2.14	1.91	1.69	1.65
	254	4.89	4.89	4.89	4.89	4.27	3.78	3.11	2.49	2.05	1.73	1.51	1.33	1.20	1.16
	406	3.47	3.47	3.47	3.34	2.94	2.62	2.18	1.69	1.42	1.20	1.02	0.93	0.80	0.80
49.213	76	16.46	16.46	16.46	16.46	15.57	13.79	11.56	9.34	7.56	6.23	5.34	4.89	4.40	4.18
	152	11.12	11.12	11.12	11.12	10.68	9.34	8.01	6.23	4.89	4.36	3.74	3.29	2.98	2.85
	254	7.56	7.56	7.56	7.56	7.56	6.67	5.34	4.31	3.56	3.02	2.58	2.31	2.09	1.96
	406	5.34	5.34	5.34	5.34	4.89	4.45	3.74	2.98	2.45	2.09	1.78	1.60	1.42	1.38
55.563	76	23.57	23.57	23.57	23.57	23.57	22.68	18.68	14.68	12.45	10.68	8.90	8.01	7.12	6.67
	203	12.90	12.90	12.90	12.90	12.90	12.45	10.23	8.45	6.67	5.78	4.89	4.40	3.96	3.78
	305	9.79	9.79	9.79	9.79	9.79	9.34	7.56	6.23	4.89	4.31	3.65	3.25	2.94	2.80
	457	6.67	6.67	6.67	6.67	6.67	6.67	5.34	4.36	3.60	3.07	2.62	2.36	2.09	2.00
61.913	102	28.02	28.02	28.02	28.02	28.02	28.02	24.91	19.57	16.46	13.79	12.01	10.68	9.34	8.90
	203	17.79	17.79	17.79	17.79	17.79	17.79	16.01	12.90	10.68	8.90	7.56	6.67	6.23	5.78
	305	13.34	13.34	13.34	13.34	13.34	13.34	12.01	9.34	7.56	6.67	5.78	4.89	4.45	4.31
	457	9.34	9.34	9.34	9.34	9.34	9.34	8.45	6.67	5.78	4.89	4.05	3.60	3.25	3.07
68.263	102	36.03	36.03	36.03	36.03	36.03	36.03	36.03	28.47	23.57	20.02	16.90	15.12	13.79	12.90
	203	23.57	23.57	23.57	23.57	23.57	23.57	23.57	18.68	15.12	12.90	11.12	9.79	8.90	8.45
	305	17.35	17.35	17.35	17.35	17.35	17.35	17.35	13.79	11.56	9.79	8.45	7.12	6.67	6.23
	457	12.45	12.45	12.45	12.45	12.45	12.45	12.45	9.79	8.01	7.12	5.78	5.34	4.89	4.45
74.613	102	47.15	47.15	47.15	47.15	47.15	47.15	47.15	40.48	33.36	28.47	24.46	21.80	19.57	18.68
	203	30.69	30.69	30.69	30.69	30.69	30.69	30.69	26.69	21.80	18.68	16.01	14.23	12.90	12.01
	356	20.46	20.46	20.46	20.46	20.46	20.46	20.46	17.35	14.23	12.45	10.23	9.34	8.45	8.01
	508	15.12	15.12	15.12	15.12	15.12	15.12	15.12	12.90	10.68	8.90	7.56	7.12	6.23	5.78
87.313	152	51.60	51.60	51.60	51.60	51.60	51.60	51.60	51.60	44.92	37.81	32.03	28.47	25.35	24.46
	254	37.81	37.81	37.81	37.81	37.81	37.81	37.81	37.81	32.92	28.02	23.57	20.91	18.68	17.79
	356	29.80	29.80	29.80	29.80	29.80	29.80	29.80	29.80	25.80	21.80	18.68	16.46	14.68	14.23
	508	22.68	22.68	22.68	22.68	22.68	22.68	22.68	22.68	19.57	16.90	14.23	12.45	11.12	10.68
100.013	152	74.28	74.28	74.28	74.28	74.28	74.28	74.28	74.28	74.28	63.16	53.38	47.15	42.26	40.03
	254	55.16	55.16	55.16	55.16	55.16	55.16	55.16	55.16	55.16	47.15	39.59	35.14	31.58	29.80
	356	43.59	43.59	43.59	43.59	43.59	43.59	43.59	43.59	43.59	37.36	31.58	28.02	24.91	23.57
	508	33.36	33.36	33.36	33.36	33.36	33.36	33.36	33.36	33.36	28.47	24.02	21.35	19.13	18.24
112.713	203	87.18	87.18	87.18	87.18	87.18	87.18	87.18	87.18	87.18	84.96	71.61	63.16	56.49	53.82
	305	68.05	68.05	68.05	68.05	68.05	68.05	68.05	23.57	68.05	65.83	55.60	49.37	44.04	41.81
	406	55.60	55.60	55.60	55.60	55.60	55.60	55.60	55.60	55.60	53.82	45.81	40.48	36.03	34.25
	559	43.59	43.59	43.59	43.59	43.59	43.59	43.59	43.59	43.59	42.26	36.03	31.58	28.47	26.69

Table 4-B. Load Ratings (kN) for Pulley and Shaft Combinations* (continued)

(D) SHAFT DIAMETER (mm)	(L) BEARING CENTERS MINUS FACE (mm)	PULLEY FACE WIDTH (mm)													
		305	356	406	457	508	559	660	813	965	1118	1295	1448	1600	1676
125.413	203		112.09	112.09	112.09	112.09	112.09	112.09	112.09	112.09	112.09	104.97	92.52	82.29	78.28
	305		88.52	88.52	88.52	88.52	88.52	88.52	88.52	88.52	88.52	82.73	72.95	64.94	61.83
	406		72.95	72.95	72.95	72.95	72.95	72.95	72.95	72.95	72.95	68.50	60.05	53.82	51.15
	559		57.82	57.82	57.82	57.82	57.82	57.82	57.82	57.82	57.82	54.27	47.59	42.70	40.48
138.113	254			118.32	118.32	118.32	118.32	118.32	118.32	118.32	118.32	118.32	111.64	99.19	93.85
	356			97.86	97.86	97.86	97.86	97.86	97.86	97.86	97.86	97.86	92.07	81.84	77.84
	457			83.18	83.18	83.18	83.18	83.18	83.18	83.18	83.18	83.18	78.73	69.83	66.28
	610			68.05	68.05	68.05	68.05	68.05	68.05	68.05	68.05	68.05	64.50	56.93	54.27
152.400	254			158.79	158.79	158.79	158.79	158.79	158.79	158.79	158.79	158.79	158.79	147.23	139.22
	356			131.22	131.22	131.22	131.22	131.22	131.22	131.22	131.22	131.22	131.22	121.43	115.20
	457			111.64	111.64	111.64	111.64	111.64	111.64	111.64	111.64	111.64	111.64	103.64	98.30
	610			91.63	91.63	91.63	91.63	91.63	91.63	91.63	91.63	91.63	91.63	84.51	84.51
165.100	305				174.36	174.36	174.36	174.36	174.36	174.36	174.36	174.36	174.36	174.36	169.02
	406				147.67	147.67	147.67	147.67	147.67	147.67	147.67	147.67	147.67	147.67	142.78
	508				128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	123.65
	660				106.75	106.75	106.75	106.75	106.75	106.75	106.75	106.75	106.75	106.75	103.19
177.800	305				217.95	217.95	217.95	217.95	217.95	217.95	217.95	217.95	217.95	217.95	217.95
	406				197.49	184.15	184.15	184.15	184.15	184.15	184.15	184.15	184.15	184.15	184.15
	508				159.68	159.68	159.68	159.68	159.68	159.68	159.68	159.68	159.68	159.68	159.68
	660				133.00	133.00	133.00	133.00	133.00	133.00	133.00	133.00	133.00	133.00	133.00
190.500	356				240.64	240.64	240.64	240.64	240.64	240.64	240.64	240.64	240.64	240.64	240.64
	457				206.83	206.83	206.83	206.83	206.83	206.83	206.83	206.83	206.83	206.83	206.83
	559				181.48	181.48	181.48	181.48	181.48	181.48	181.48	181.48	181.48	181.48	181.48
	711				153.01	153.01	153.01	153.01	153.01	153.01	153.01	153.01	153.01	153.01	153.01
203.200	356				292.23	292.23	292.23	292.23	292.23	292.23	292.23	292.23	292.23	292.23	292.23
	457				250.87	250.87	250.87	250.87	250.87	250.87	250.87	250.87	250.87	250.87	250.87
	559				220.18	220.18	220.18	220.18	220.18	220.18	220.18	220.18	220.18	220.18	220.18
	711				185.93	185.93	185.93	185.93	185.93	185.93	185.93	185.93	185.93	185.93	185.93
215.900	406						301.13	301.13	301.13	301.13	301.13	301.13	301.13	301.13	301.13
	508						264.21	264.21	264.21	264.21	264.21	264.21	264.21	264.21	264.21
	610						235.30	235.30	235.30	235.30	235.30	235.30	235.30	235.30	235.30
	762						201.94	201.94	201.94	201.94	201.94	201.94	201.94	201.94	201.94
228.600	406						357.62	357.62	357.62	357.62	357.62	357.62	357.62	357.62	357.62
	508						313.58	313.58	313.58	313.58	313.58	313.58	313.58	313.58	313.58
	660						264.66	264.66	264.66	264.66	264.66	264.66	264.66	264.66	264.66
	813						229.07	229.07	229.07	229.07	229.07	229.07	229.07	229.07	229.07
241.300	406						420.34	420.34	420.34	420.34	420.34	420.34	420.34	420.34	420.34
	559						347.39	347.39	347.39	347.39	347.39	347.39	347.39	347.39	347.39
	711						295.79	295.79	295.79	295.79	295.79	295.79	295.79	295.79	295.79
	864						257.54	257.54	257.54	257.54	257.54	257.54	257.54	257.54	257.54
254.000	406						489.28	489.28	489.28	489.28	489.28	489.28	489.28	489.28	489.28
	559						405.21	405.21	405.21	405.21	405.21	405.21	405.21	405.21	405.21
	711						345.16	345.16	345.16	345.16	345.16	345.16	345.16	345.16	345.16
	914						288.23	288.23	288.23	288.23	288.23	288.23	288.23	288.23	288.23

* Based on SAE 1018 material, using either a bending stress of 8000 psi from resultant load (no torque), or a free shaft deflection at the hub of 0.0023 inches per inch (tan of 8 minutes), whichever governs.

Highlight reflects loads potentially exceeding scope of B105.1. Review belt PIW and modulus. Left of dark line represents stress constrained and right of dark line represents deflection constrained.

- The load rating values for pulley and shaft combinations with shaft diameters of 3 15/16 in, 7 in, 112.713 mm, and 165.100 mm were updated.

3 15/16 in

3 15/16	6	16,700	16,700	16,700	16,700	16,700	16,700	16,700	16,700	16,700	14,200	12,000	10,600	9,500	9,000
	10	12,400	12,400	12,400	12,400	12,400	12,400	12,400	12,400	12,400	10,600	8,900	7,900	7,100	6,700
	14	9,800	9,800	9,800	9,800	9,800	9,800	9,800	9,800	9,800	8,400	7,100	6,300	5,600	5,300
	20	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	6,400	5,400	4,800	4,300	4,100

7 in

7	12				49,000	49,000	49,000	49,000	49,000	49,000	49,000	49,000	49,000	49,000	49,000
	16				44,400	41,400	41,400	41,400	41,400	41,400	41,400	41,400	41,400	41,400	41,400
	20				35,900	35,900	35,900	35,900	35,900	35,900	35,900	35,900	35,900	35,900	35,900
	26				29,900	29,900	29,900	29,900	29,900	29,900	29,900	29,900	29,900	29,900	29,900

112.713 mm

112.713	203	87.18	87.18	87.18	87.18	87.18	87.18	87.18	87.18	87.18	84.96	71.61	63.16	56.49	53.82
	305	68.05	68.05	68.05	68.05	68.05	68.05	68.05	23.57	68.05	65.83	55.60	49.37	44.04	41.81
	406	55.60	55.60	55.60	55.60	55.60	55.60	55.60	55.60	55.60	53.82	45.81	40.48	36.03	34.25
	559	43.59	43.59	43.59	43.59	43.59	43.59	43.59	43.59	43.59	42.26	36.03	31.58	28.47	26.69

165.100 mm

165.100	305				174.36	174.36	174.36	174.36	174.36	174.36	174.36	174.36	174.36	174.36	169.02
	406				147.67	147.67	147.67	147.67	147.67	147.67	147.67	147.67	147.67	147.67	142.78
	508				128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	123.65
	660				106.75	106.75	106.75	106.75	106.75	106.75	106.75	106.75	106.75	106.75	103.19

- Text from page 19 was printed over the page number. The spacing on the page was adjusted to correct this issue.

All comments must be submitted in writing to CEMA within the review period (30 days)