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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.

ABMA (ASC B3) (American Bearing Manufacturers Association)

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National Adoption

BSR/ABMA ISO 5593-202x, Rolling bearings - Vocabulary (identical national adoption of ISO 5593:2023 and revision of ANSI/ABMA/ISO 5593-1997 (S2013))

Stakeholders: Users and manufacturers of bearings.

Project Need: ABMA adopted an earlier version of this standard. ISO has withdrawn and replaced that version. This project is to adopt the latest version that ISO published.

Interest Categories: Users and Manufacturers of bearings, as well as General Interest for those that neither produce or purchase bearings.

This document provides a list of terms and associated descriptions that are commonly applied in the field of rolling bearings and their technology. The document contains a list of terms which have found general acceptance and a common usage.

ABMA (ASC B3) (American Bearing Manufacturers Association)

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National Adoption

BSR/ABMA ISO 10285/Amd 1-202x, Rolling bearings - Sleeve type linear ball bearings - Boundary dimensions and tolerances - Amendment 1 (identical national adoption of ISO 10285:2007/Amd 1:2012)

Stakeholders: Users and manufacturers of sleeve-type linear ball bearings.

Project Need: ABMA adopted ISO 10285:2007, but hasn't adopted the amendment that ISO published on the standard. This project is to adopt the amendment.

Interest Categories: Users and Manufacturers of bearings, as well as General Interest for those that neither produce or purchase bearings.

ISO 10285:2007 specifies the boundary dimensions, tolerances and definitions for sleeve-type linear motion ball bearings. Amendment 1 to the standard replaces Table A.1 of the standard.

ASC X9 (Accredited Standards Committee X9, Incorporated)

Ambria Calloway <ambria.frazier@x9.org> | 275 West Street, Suite 107 | Annapolis, MD 21401 www.x9.org

Revision

BSR X9.112-2-202X, Wireless Management and Security - Part 2: POS and ATM (revision of ANSI X9.112-2-2020)
Stakeholders: Manufacturers, end users, service providers, merchants, financial institutions, assessors, auditors for ATM, POS, mobile apps, and other wireless payment devices.

Project Need: The financial services industry will benefit from a Wireless Management and Security standard by providing minimally acceptable security requirements, policy, practices and evaluation criteria. The scope of the financial services industry for this standard covers financial institution enterprise operations, its bank branch operations, its authorized agents, and merchant operations.

Interest Categories: Consumer, Producer, General Interest

Wireless technologies have rapidly emerged as significant components of networks. The ease and speed of deployment, as well as inexpensive transmission rates, makes them ideal for deploying new systems. Whereas installations used to be delayed several months because of complicated landline connections, a wireless deployment can happen the same day an ATM or POS terminal is ordered. Greater wireless coverage, greater reliability, higher transfer speeds, and improved equipment quality have only increased the likelihood that ATMs with wireless are a preferred option.

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

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

Revision

BSR/ASSP A10.1-203X, Pre-Project & Pre-Task Safety and Health Planning (revision and redesignation of ANSI/ASSP A10.1-2024)

Stakeholders: Construction and Demolition Occupational Safety and Health Professionals

Project Need: Based upon the consensus of the A10 Committee and the leadership of ASSP

Interest Categories: Construction and Demolition Occupational Safety and Health Professionals

This standard establishes the elements and activities for pre-project and pre-task safety and health planning in construction.

ASTM (ASTM International)

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New Standard

BSR/ASTM WK84315-202x, New Test Method for Standard Test Method for Assessing Combustibility of Materials Using a Furnace at 750 C (new standard)

Stakeholders: Combustibility Industry

Project Need: There is a need for a test method that allows for innovation of building products that can be used in applications where noncombustible materials are required, while simultaneously meeting the industry's regulatory needs of ensuring a very high level of fire safety. This work item intends to develop a procedure for assessing the combustibility of materials in such a way that can be linked to the heat released to the ambient environment.

Interest Categories: Producer, User, General Interest

1.1 This fire-test-response test method covers the determination under specified laboratory conditions of the combustibility of building materials. Under certain conditions, with the appropriate pass/fail criteria, the results from this test are used to classify materials as noncombustible materials.

ESTA (Entertainment Services and Technology Association)

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

Revision

BSR/E1.53-202x, Overhead mounting of luminaires, lighting accessories, and other portable devices: specification and practice (revision of ANSI/E1.53-2019)

Stakeholders: Stage performers; stage technicians; stage equipment manufacturers; specifiers, retailers, and providers of stage equipment normally mounted on rigging trusses or battens over stages.

Project Need: ANSI E1.53-2019 is being revised to update its requirements.

Interest Categories: Custom producers; Mass market producers; Designers; Dealer or rental companies; Users; General interest

This standard covers requirements for the primary and secondary mounting devices for portable stage and studio luminaires and accessories, and for similarly fastened special effects machines. The standard offers guidance on how to properly affix these mounting devices.

ESTA (Entertainment Services and Technology Association)

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New Standard

BSR/E1.86-202x, Standard for construction of cylindrical multi-pin connectors used in connecting power and control to motor hoists in entertainment (new standard)

Stakeholders: Stage technicians; stage equipment manufacturers; specifiers, retailers, and providers of stage equipment; maintenance and repair personnel, and designers.

Project Need: These are 3-phase motor connections typically 208-240VAC. Industry practice is to make the connections under load (not while the motor is engaged, however voltage is present). There are a number of things that can go wrong: Mismatched wiring schemes can result in power on the connector shell or other metal parts; Ineffective or worn insert key ways can result in mismating, also resulting in metal shells or other metal parts being energized; Arcing can occur when making or breaking the circuits under load. Proper pin location and socket depth are key factors. This standard will help mitigate those hazards.

Interest Categories: Custom producers; Mass market producers; Designers; Dealer or rental companies; Users; General interest

There are several varieties of cylindrical connectors used in motor hoist applications in Entertainment (primarily 7-pin socopex compatible, 7-pin 1/4 turn, 14-pin 1/4 turn). The proposed standard would identify: Dimensional data including contact configuration; Standardized wiring convention (What pin/contact is wired to what); Minimal standard for insert key; Standard for pin and socket location (Pin placement and socket depth). The standard will not cover NEMA wiring devices or IEC 60309 devices, because standards for those devices already exist.

IAPMO (3) (International Association of Plumbing & Mechanical Officials)

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Revision

BSR/IAPMO USHGC 1-2027, Uniform Solar, Hydronics and Geothermal Code: The Renewable Energy Code (revision of ANSI/IAPMO USHGC 1-2024)

Stakeholders: Manufacturers, users of the code, installers and maintainers, labor, research/standards/testing laboratories, enforcing authorities, consumers and special experts.

Project Need: The Uniform Solar, Hydronics and Geothermal Code will provide the built industry with uniform solar, hydronics and geothermal standards resulting in a reduction in training costs, products development costs, and in price reduction for consumers. Additionally, this code will address sustainable energy, hydronics, and geothermal practices, and will serve to coalesce and integrate the hydronics and geothermal industry. This standard provides consumers with safe solar, hydronic, and geothermal energy systems while allowing latitude for innovation and new technologies.

Interest Categories: Manufacturers, users of the code, installers and maintainers, labor, research/standards/testing laboratories, enforcing authorities, consumers and special experts.

The provisions of this code applies to the erection, installation, alteration, repair, relocation, replacement, addition to, use or maintenance of solar energy, hydronic and geothermal energy systems including but not limited to equipment and appliances intended for space heating or cooling; water heating; swimming pool heating or process heating; and snow and ice melt systems.

IAPMO (3) (International Association of Plumbing & Mechanical Officials)

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Revision

BSR/IAPMO USPSHTC 1-2027, Uniform Swimming Pool, Spa & Hot Tub Code (revision of ANSI/IAPMO USPSHTC 1-2024)

Stakeholders: Manufacturers, users of the code, installers and maintainers, labor, research/standards/testing laboratories, enforcing authorities, consumers and special experts.

Project Need: The provisions of this code shall apply to the erection, installation, alteration, repair, relocation, replacement, addition to, use or maintenance of swimming pools, spas, hot tub systems or aquatic venues.

Interest Categories: Manufacturers, users of the code, installers and maintainers, labor, research/standards/testing laboratories, enforcing authorities, consumers and special experts.

The Uniform Swimming Pool, Spa & Hot Tub Code provides the built industry with uniform swimming pool, spa and hot tub standards resulting in a reduction in training costs, product development costs, and in price reduction for consumers. This American National Standard provides consumers with safe swimming pool, spa and hot tub units while allowing latitude for innovation and new technologies.

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

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Revision

BSR/IAPMO WESTAND 1-2027, Water Efficiency and Sanitation Standard (revision of ANSI/IAPMO/WESTAND 1-2023)

Stakeholders: Design Professionals, Manufacturers, users of the code, installers and maintainers, labor, research/standards/testing laboratories, enforcing authorities, consumers and special experts.

Project Need: With increasing demand, constrained infrastructure and supplies, climate change, and pervasive droughts globally, there is a critical need to reduce water consumption attributed to the built environment through conservation and reuse. With this comes increased risks to public health, safety, and building systems performance. This ANS would provide minimum requirements that optimize built environment water use practices and corresponding provisions that maintain protection to public health, safety and welfare.

Interest Categories: Design Professionals, Manufacturers, users of the code, installers and maintainers, labor, research/standards/testing laboratories, enforcing authorities, consumers and special experts.

The provisions of this standard shall apply to the erection, installation, alteration, repair, relocation, replacement, addition to, use, or maintenance of plumbing and mechanical systems covered by the scope of this standard. The purpose of this standard is to provide minimum requirements to optimize water use practices attributed to the built environment while maintaining protection of the public health, safety and welfare.

IEEE (Institute of Electrical and Electronics Engineers)

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

Revision

BSR/IEEE 4-202x, Standard for High-Voltage Testing Techniques (revision of ANSI/IEEE 4-2013)

Stakeholders: Test engineers, field engineers, manufacturers.

Project Need: A revision of this standard is required in order to incorporate the newest technology and developments in standard methods to measure high-voltage and basic testing techniques, so far as they are generally applicable, to all types of apparatus for alternating voltages, direct voltages, lightning impulse voltages, switching impulse voltages, and impulse currents.

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

This standard applies to high-voltage tests made on equipment with a rated voltage above 1000 V ac (rms) or 1500 V dc, and covers:

- Dielectric tests with direct voltages;
- Dielectric tests with alternating voltages;
- Dielectric tests with impulse voltages;
- Tests with impulse currents;
- Tests with combinations of the above; and
- Capacitance and dielectric loss measurements. Procedures are given for applying correction factors to convert test data to standard atmospheric conditions. This standard also specifies procedures for testing equipment when external insulation of the test object is to be subjected to dry, wet, or contaminated conditions.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 421.2-202x, Guide for Testing and Evaluation of the Dynamic Performance of Excitation Control Systems (new standard)

Stakeholders: The stakeholders are electric utilities, generation owners/operators, and electric transmission system owners/operators who perform analytical studies of electric power systems.

Project Need: The project will update the existing standard with respect to new test equipment and methods, and changes in standards 421.1 and 421.5.

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

This guide includes criteria, definitions, and test objectives for evaluating the dynamic performance of excitation control systems as applied by electric utilities. The term excitation control system is used to distinguish the combined performance of the synchronous machine, power system, and excitation system from that of the excitation system alone. This guide provides a basis for evaluating the closed-loop performance of excitation control systems, including synchronous machines, for both large and small signal disturbances. Confirming the adequacy of mathematical models for excitation control systems for use in analytical studies of power systems, identifying objectives for tests of excitation control systems and their components, and preparing excitation system specifications and additional standards is also addressed. Portions of this guide also serve as educational material for people who are becoming familiar with excitation control systems. This guide applies to excitation systems used on all sizes and types of synchronous machines, including those in nuclear power facilities. Large signal performance is associated with equipment specification and acceptance testing, while small signal performance is associated with stability and model studies.

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New Standard

BSR/IEEE 519-202x, Standard for Harmonic Control in Electric Power Systems (new standard)

Stakeholders: This project directly impacts utility companies and users of electrical energy (supplied from the utility) and, to a lesser extent, electric apparatus manufacturers.

Project Need: This project will be updated to address new technologies and how they impact harmonic contributions to the grid including interharmonics and harmonics above the 50th order. This project will add a new definition "Total Distortion" that include integer harmonics, interharmonics, and frequencies greater than the 50th harmonic. Further consideration will be given to installations that have a mix of inverter-based generation, energy storage, and nonlinear loads.

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

This standard establishes goals for the design of electrical systems that include both linear and nonlinear loads. The interface between sources and loads is described as the point of common coupling (PCC). The voltage and current distortion steady-state limits in this standard apply at the user PCC to facilities containing harmonic producing loads (nonlinear equipment).

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New Standard

BSR/IEEE 844.1-202x, IEEE/CSA Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures - General, Testing, Marking, and Documentation Requirements (new standard)

Stakeholders: Manufacturers of skin effect trace heating systems, designers and users of skin effect trace heating systems, and approval agencies.

Project Need: The need for this project is to update the IEEE 844.1/CSA 293.1-2017 standard document to reflect any relevant changes in skin effect trace heating requirements and practices since 2017. This project will incorporate any necessary updates based on recent revisions found in other trace heating standards IEC/IEEE 60079-30-1, IEC /IEEE 62395-1, and CSA 130 documents. It will also include any updates to the technology and make minor technical revisions as determined through the working group sessions.

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

This standard applies to general, testing, marking, and documentation requirements for skin effect trace heating systems rated up to and including 5 kVac and 260°C maximum skin effect insulated conductor temperature. These heating systems are intended for installation in accordance with the CSA C22.1, Canadian Electrical Code, Part I (CE Code); NFPA 70, National Electrical Code(R) (NEC(R)) in the USA; or with any other national electrical installation code, as applicable. This standard applies to skin effect trace heating systems intended to be installed in ordinary and hazardous locations. The hazardous locations include the following:

-- In Canada: Zone 1; Zone 2; Zone 21; Zone 22; or Class I, Division 2; Class II, Division 2; Class III, Division 2 as described in CSA C22.1.

-- In the USA: Class I, Zone 1; Class I, Zone 2; Zone 21 and Zone 22; or Class I, Division 2; Class II, Division 2; Class III, Division 2 as described in the NEC.

This standard also applies to termination assemblies and control methods used with skin effect trace heating systems.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 844.2-202x, IEEE/CSA Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures - Application Guide for Design, Installation, Testing, Commissioning, and Maintenance (new standard)

Stakeholders: Manufacturers of skin effect heaters, designers and users of skin effect trace heating systems, and approval agencies.

Project Need: The need for this project is to update the IEEE 844.2/CSA 293.2-2017 standard document to reflect any relevant changes in skin effect trace heating practices since 2017. This project will incorporate any necessary updates based on recent revisions found in other trace heating standards IEC/IEEE 60079-30-2, IEC /IEEE 62395-2, and CSA 130 documents. It will also include any updates to the technology and make minor technical revisions as determined through the working group sessions.

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

This standard provides for the application of skin effect trace heating systems for pipes, vessels, and structures. It provides requirements for design, installation, maintenance, and repair of these systems in general industry for ordinary locations, as well as in hazardous areas with potentially explosive atmospheres. This standard, when used with other recognized codes and standards, is intended to cover skin effect trace heating systems in their entirety, including system design, specifications, installation, operation, testing, commissioning, and maintenance. This standard also addresses the following associated systems that are important to the performance of skin effect trace heating systems: (a) Thermal insulation systems; (b) Electric power supply systems; (c) Electric grounding systems; and (d) Control and monitoring systems.

IEEE (Institute of Electrical and Electronics Engineers)

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Revision

BSR/IEEE 848-202x, Standard Procedure for the Determination of the Ampacity Derating Factor for Fire-Protected Cable Systems (revision of ANSI/IEEE 848-2015)

Stakeholders: Utilities, architectural engineers, petrochemicals and refineries, and nuclear power plants

Project Need: Fire-protection related products may reduce the heat transfer characteristics associated with the ampacities provided in IEEE Std 835 and NEMA WC51/ICEA P-54-440. Hence, ampacity testing to determine ampacity derating of fire-protected cable systems is necessary. The stakeholders for this project are architectural engineers, cable manufacturers, the Nuclear Regulatory Commission and any power plant operation or manufacturing site (or other type of user) using high amperage lines. This revision will look at the state of the art and update references where required.

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

This standard provides a test procedure for determining the ampacity derating factor in the following cable installation configurations: Block-out or sleeve-type cable penetration fire stops; Conduits covered with a protective material; Trays covered with a protective material; Cable directly covered or coated with a fire-retardant material; Free-air drops enclosed with a protective material. The standard is applicable to cables installed and sized to IEEE Std 835(TM) for conduits and free-air drops, and NEMA WC51/ICEA P-54-440 for cable tray. IEEE Std 135(TM) does provide ampacities for cables in a tray with a fixed spacing and may be used for cable penetration fire stop configurations only. This standard does not endorse the use of or provide application guidance for the installation of cable penetration fire stops and fire-protective materials. Cable designs are available that can withstand and remain functional during direct exposure to a fire. The user should refer to IEEE Std 634(TM) for the qualification requirements of cable penetration fire stops.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1025-202x, Guide to the Assembly and Erection of Concrete Pole Structures (new standard)

Stakeholders: Utility

Project Need: This guide is dated and in need of review and revision to incorporate today's industry best practices.

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

This guide presents best practices that improve the ability to assemble and erect self-supporting and guyed concrete pole structures. This guide covers construction aspects after foundation installation and up to the conductor stringing operation. Concrete pole structures might have components made of other materials (i.e., steel, wood, aluminum). Though some aspects of construction related to these materials are covered in this document, it should not be considered complete. Other documents cover these materials in more detail (see IEEE Std 951-1996).

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Revision

BSR/IEEE 1668-202x, Recommended Practice for Voltage Sag and Short Interruption Ride-Through Testing for End-Use Electrical Equipment Rated Less than 1000 V (revision of ANSI/IEEE 1668-2017)

Stakeholders: All categories of equipment manufacturers for voltage applications below 1000Vac. Electric service providers. Industrial facility managers.

Project Need: The main goal of this PAR is to make minor revisions to the 2017 published version to correct minor graphical errors noted in erratas issued after initial publication and update the recommended practice. As the SEMI F47 standard is up for revision, the revisions of this standard should be harmonized with the related SEMI Voltage Sag Task Force and shared with IEC. If applicable, this may be considered for ANSI standardization as well, although not the primary goal of the revision effort.

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

This is a non-industry-specific recommended practice for voltage-sag ride-through performance and compliance testing for all electrical and electronic equipment connected to low-voltage power systems (with nominal/rated voltage less than 1000 V) that can experience malfunction or shutdown as a result of reductions in supply voltage lasting less than one minute. The recommended practice includes defining minimum voltage-sag immunity requirements based on actual voltage-sag data. A clause dedicated to the detailed analysis of voltage sags experienced by end users provides insight into real-world voltage sags. Testing procedures and requirements for test equipment are clearly defined within this document to reflect the electrical environment, including single-phase, two-phase, and three-phase, balanced and unbalanced voltage sags. The recommended practice also defines requirements for certification and test reporting, including characterization of voltage-sag ride-through equipment.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 3504-202x, Guide for Coordination Control of Full-Size Converter Based Variable Speed Pumped Storage Unit (new standard)

Stakeholders: Engineers in the electricity and energy field, planners and operators of power grids, testing equipment suppliers and developers, and academic research institutes.

Project Need: In the trend of large-scale grid connection of global clean energy, there is a huge demand for using large-scale energy storage technology to improve the flexible regulation ability of power system. FSC-VSPSU has large market demand with many advantages such as large regulation capacity and fast response speed. The coordination control technology is essential for FSC-VSPSU. However, there are no relevant standards or guides for the coordination control design of FSC-VSPSU. In order to ensure the large-scale and rapid development of FSC-VSPSU, relevant standards or guides are urgently needed to standardize the coordination control design of FSC-VSPSU.

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 guide describes control methods to coordinate the full-size converter based variable speed pumped storage unit (FSC-VSPSU), including speed governing system, excitation system, and converters.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 3513-202x, Standard for Supply Chain and Asset Traceability for Photovoltaic Solar Module Recycling and Reuse (new standard)

Stakeholders: The primary stakeholders of this standard include PV module manufacturers, recyclers, and refurbishers. Other stakeholders will also be able to use this standard for supply chain and asset traceability including asset owners, engineering and construction contractors, and Operations and Maintenance service providers.

Project Need: As PV module recycling and reuse becomes a common practice, the ability to efficiently perform recycling operations such as intake, acceptance, sorting, and dismantling will be important for profitable operations. Current practices do not provide recyclers reliable product information and require recyclers to guess, estimate, or dismantle modules to obtain the required data.

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 system for the transfer of data required to enable efficient recycling and reuse operations for photovoltaic (PV) solar modules from manufacturers to end-users. The scope of this standard includes crystalline and thin film PV modules. The system provided in this standard includes the following components: Unique Identifier (ID), Smart Tag (barcode, Quick Response (QR) code, Radio Frequency ID (RFID), or similar), and Recycling Data in Product Data Sheet. This standard provides a common and universal structure and content for the Unique ID, Smart Tag, and Product Data Sheet.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 3522-202x, Guide for Thermal Stability Data Collection Through Laboratory Testing of Soil and Backfill (new standard)

Stakeholders: Electric utilities, power consultants, soil testing labs, contractors

Project Need: Cable ratings are largely affected by the thermal resistivity of the soil with its related moisture content that surrounds a buried cable. Soil thermal resistivity may change significantly with variations in soil moisture content. Therefore, when the energized cable heats the adjacent soil sufficiently that causes moisture to migrate away from the cable, ratings are affected and, over time, thermal damage to the cable may occur. This guide proposes a laboratory test as the first step to quantifying moisture migration in soils and backfill materials that are commonly encountered in cable installations. The final step to interpret the data and apply to the rating of a cable system is not included in this guide.

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 guide details the setup of a laboratory test to measure moisture migration in sample soil or backfill material, specifically chosen or designed for use around an underground cable system. Moisture migration is necessary for assessing soil thermal stability. The primary focus is on recommending appropriate laboratory test equipment, considering the type of soil or backfill under examination. Interpretation of data and findings in relation to cable systems and their ratings falls outside the scope of this guide.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 7019-202x, Standard for the Implementation and Governance of Autonomous and Intelligent Systems Related to Earth Law Principles (new standard)

Stakeholders: Stakeholders who are expected to contribute to and/or benefit from the proposed standard encompass a broad range of parties including: (1) Policymakers, Legislators, and Regulators who create binding frameworks for both technology and environmental governance; (2) Legal Professionals who navigate the governance of technology and/or environmental law; (3) Conservation and Environmental NGOs interested in utilizing AIS and Earth Law to enhance environmental protection efforts; (4) Industry and Business Sectors interested in utilizing AIS and Earth Law to enhance corporate sustainability strategies; (5) Technology Developers involved in designing AIS that can support Earth Law practices; (6) Academic Researchers and Lecturers exploring the intersection of technology, public policy, and environmental law; (7) Lobbyists for the Environment who seek to represent the ecosystems, species, and other non-human entities the practice of Earth Law aims to protect and sustain; and (8) Communities whose socio-cultural practices recognize the intrinsic value and rights of nature, and whose knowledge can inform the advancement of Earth Law practices.

Project Need: No existing standard specifically addresses how AIS can be implemented to support Earth Law principles, or how Earth Law can inform the governance of AIS. The proposed standard would set a precedent for harnessing AIS to manage complex governance tasks beyond human capabilities, offering a pioneering framework for the productive operationalization of advanced technologies in environmental stewardship. By standardizing these processes across jurisdictions and sectors, this initiative is intended to enhance the efficiency, accessibility, and effectiveness of evolving practices in protecting ecosystems.

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 develops a comprehensive framework for implementing and governing Autonomous and Intelligent Systems (AIS) related to Earth Law principles. This includes a methodology by which: (1) AIS can be implemented to support Earth Law principles, particularly in monitoring and compliance activities, and (2) AIS can be governed in compliance with Earth Law principles' assisting that the use of these systems supports the achievement of Earth Law's general objectives. The scope of AIS in this standard is limited to systems used for environmental protection, monitoring, and compliance.

IEEE (Institute of Electrical and Electronics Engineers)

Teresa Belmont <t.belmont@ieee.org> | 445 Hoes Lane, 3rd Floor | Piscataway, NJ 08854 www.ieee.org

New Standard

BSR/IEEE 7999.1-202x, Standard for Integrating Organizational Ethics Oversight in Projects and Processes Involving Artificial Intelligence – Qualification of Individuals (new standard)

Stakeholders: Managers, engineers, technologists, regulatory, and legal personnel involved in AI product/service or system life cycle processes; ethics consultants; conformity and assessment bodies.

Project Need: This standard is aimed at displaying that individuals are competent and qualified to implement the recommendations of the IEEE 7000™ family of standards (and related standards focused on the ethically-aligned development of AI and autonomous systems), while also laying the groundwork for an organizational certification standard specifying the requirements for conformance with and compliance to the IEEE 7000™ family of standards in the context of ethical AI development and oversight.

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 set of metrics that determine the certification criteria that qualify individuals to perform Artificial Intelligence (AI) ethics oversight functions in organizational settings, and recommendations for the establishment of certification programs that enable individuals to specialize in specific aspects of AI ethics oversight (e.g., Large Language Models [LLMs], autonomous driving systems, generative images/videos).

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 7999.2-202x, Standard for Integrating Organizational Ethics Oversight in Projects and Processes Involving Artificial Intelligence – Organizational Certification (new standard)

Stakeholders: Managers, engineers, technologists, regulatory, and legal personnel involved in AI product/service or system life cycle processes; ethics consultants; conformity and assessment bodies.

Project Need: This standard is aimed at displaying that organizations are accurately implementing the recommendations of the IEEE 7000™ family of standards (and related standards focused on the ethically aligned development of AI and autonomous systems) in the context of ethical AI development and oversight.

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 provides a set of metrics that can be used to certify that companies, manufacturers, and other organizational bodies employ a set of standard operating procedures that facilitate the effective deployment of an Artificial Intelligence (AI) ethics oversight function at all stages of the AI system lifecycle. These metrics include auditable elements of quality management systems utilized by companies, manufacturers, and other organizational bodies (which do not replace other quality management system conformance criteria), and post-market surveillance feedback to support ethically aligned design control processes.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 7999-202x, Standard for Integrating Organizational Ethics Oversight in Projects and Processes Involving Artificial Intelligence (new standard)

Stakeholders: Managers, engineers, technologists, regulatory, and legal personnel involved in AI product/service or system life cycle processes; ethics consultants; conformity and assessment bodies.

Project Need: This standard is aimed at displaying objective conformance to the various requirements set forth by the IEEE P7000™ series of standards (and related standards that focus on the ethical development of AI systems), while also laying the groundwork for an organizational certification standard specifying the requirements for conformance with and compliance to the IEEE 7000™ family of standards in the context of ethical AI development and oversight.

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 provides a base framework to determine the individual qualification of Artificial Intelligence (AI) ethics oversight actors and organizational certification of AI developers using existing ethically aligned design standards developed for AI systems. It furthermore outlines best practices based on these standards for integrating ethics oversight in organizations of any scale for projects that use or develop AI and AI systems (at any stage of the AI system lifecycle).

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 48404.1-202x, Standard for Terminations and Joints used on Extruded and Laminated Dielectric Shielded Alternating-Current Power Cables Rated 2.5 kV through 46 kV (new standard)

Stakeholders: Power Utilities, Manufacturers, Contractors, Consultants

Project Need: Harmonization of testing and qualification for distribution class cable accessories.

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 establishes electrical ratings, test procedures and requirements for joints and live front terminations installed on extruded or laminated dielectric shielded power cable systems rated 2.5 kV through 46 kV AC.

IEEE (Institute of Electrical and Electronics Engineers)

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Revision

BSR/IEEE C37.06.1-202x, Recommended Practice for Preferred Ratings for High-Voltage (1000 V) AC Circuit Breakers Designated Definite Purpose for Fast Transient Recovery Voltage Rise Times (revision of ANSI/IEEE C37.06.1-2021)
Stakeholders: The stakeholders are the users and manufacturers of high voltage circuit breakers.

Project Need: The revised standard provides users with an updated document that is accredited by the standards Institute.

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

This recommended practice is a supplement to IEEE Std C37.04 for high-voltage circuit breaker applications where the transient recovery voltage (TRV) peak is higher and/or its rise to the crest value occurs more rapidly than those specified in IEEE Std C37.04.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE C37.10.1-202x, Guide for the Selection of Monitoring for Circuit Breakers (new standard)

Stakeholders: Circuit breaker suppliers and users.

Project Need: The revised standard provides users with an updated document that is accredited by the standards Institute.

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

This guide provides direction for the selection of monitoring and for diagnostic parameters to be used with high-voltage circuit breakers (i.e., above 1000 V ac). It provides guidance on appropriate parameters to be considered for monitoring applied to various circuit breaker technologies. This guide leads users through an analysis of circuit breaker performance and application expectations. The analysis includes a failure modes and effects analysis (FMEA) of the circuit breaker and associated components, an analysis of the risks associated with failure of the specific application, and a discussion of the items to be considered in a cost-benefit study to justify application of monitoring in its many forms. This guide provides advice on what parameters can be monitored to derive information about the condition of a circuit breaker. Circuits associated with the operation of the circuit breaker, which might include auxiliary contacts, X and Y relays, lockout switches, and so on, are included in this guide. External control circuits are not included in the scope of this guide. This guide is not intended to provide guidance on the monitoring of protection and control circuits, although they can have a significant effect on the overall circuit breaker functions.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE C37.017-202x, Standard for Bushings for High-Voltage (Over 1000 Vac) Circuit Breakers and Gas-Insulated Switchgear (new standard)

Stakeholders: Utilities, Switchgear equipment and components manufacturers

Project Need: The revised standard provides users with an updated document that is accredited by the standards Institute.

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

This standard applies to bushings intended for use in high-voltage circuit breakers and gas-insulated switchgear. These bushings are intended for indoor and outdoor use, operating on alternating current with a rated voltage greater than 1000 V and a frequency of 50 Hz or 60 Hz. These bushings are usually a part of an apparatus and tested according to the apparatus of which they form part. Insulators or bushings used as an element of metal-enclosed switchgear assemblies, or in reclosers, sectionalizers, or similar equipment, are not included in the scope of this document. This standard does not apply to the following: (a) High-voltage cable terminations; (b) Bushings for instrument transformers; (c) Bushings for test transformers; (d) Bushings for power transformers; (e) Bushings for oil-filled circuit breakers; and (f) Oil-filled bushings in general.

IEEE (Institute of Electrical and Electronics Engineers)

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Revision

BSR/IEEE C37.20.2-202x, Standard for Metal-Clad Switchgear (revision of ANSI/IEEE C37.20.2-2015)

Stakeholders: Users and manufacturers of metal-clad switchgear

Project Need: The previous document was not processed to achieve ANSI accreditation, but ANSI accreditation is desired for the document. In order to go through the ANSI accreditation process, this PAR includes the request for ANSI submittal. Thus, an IEEE ballot will be conducted of the existing document.

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

This standard covers metal-clad switchgear assemblies where air at ambient pressure is the primary insulating medium. The switchgear contains, but is not limited to, such devices as power circuit breakers, other interrupting devices, switches, control, instrumentation and metering, and protective and regulating equipment. It includes, but is not specifically limited to, equipment for the control and protection of apparatus used for power generation, conversion, and transmission and distribution. This standard is concerned with enclosed, rather than open, indoor and outdoor switchgear assemblies rated above 1000 V ac. Included is equipment that is part of primary and secondary unit substations. Gas-insulated substation equipment is not included. In this standard, metal-clad switchgear is denoted MC switchgear.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE C37.20.9-202x, Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulating Systems (new standard)

Stakeholders: Manufactures, users, purchasers, and third party certifiers of medium voltage equipment.

Project Need: The previous revision of this document was not processed to achieve ANSI accreditation but ANSI accreditation is desired for the document. In order to go through the ANSI accreditation process, this PAR includes the request for ANSI submittal. Thus, an IEEE ballot will be conducted of the existing document.

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

This standard covers the design, testing, and installation of metal-enclosed switchgear that incorporates gas (typically SF6) at higher than ambient pressure as an insulation medium for alternating-current applications rated above 1 kV to 52 kV. The contents of the switchgear may include but are not limited to circuit breakers, switches, bushings, buses, instrument transformers, cable terminations, instrumentation, metering and controls, and protective relays. This standard applies if within a vertical section of the switchgear, some or all of the medium-voltage compartment(s) is composed of a gas pressure system for the primary insulating medium. This standard covers both indoor and outdoor installations. This standard covers switchgear using sealed pressure systems or closed pressure systems. Switchgear employing controlled pressure systems is not covered by this standard. This standard also does not cover switchgear that is covered under IEEE Std C37.20.2(TM), IEEE Std C37.20.3(TM), or IEEE Std C37.74(TM)-2014 that uses individual components that are gas-insulated such as switches, circuit breakers, and other equipment, nor does it fully cover those components that are covered by their individual component standards.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE C37.30.5-202x, Standard for Definitions for AC High-Voltage Air Switches Rated Above 1000 V (new standard)

Stakeholders: Manufacturers, consultants, testing agencies, system designers and end users of AC High-Voltage Air Switches Rated Above 1000 V.

Project Need: Revision of the document to achieve ANSI accreditation.

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

The terms and definitions in this standard cover all high-voltage enclosed and non-enclosed, indoor and outdoor air switches rated in excess of 1000 V used primarily in connection with generation, transmission, distribution, and conversion of electric power. This includes such switch types as disconnect, horn-gap, fault initiation, and ground for manual or power operation. The following switch types are not covered by this standard: distribution cutouts fitted with disconnecting blades, and switches used in metal-enclosed and pad-mounted switchgear. This standard also does not apply to load-break separable insulated connectors, circuit-breakers, circuit-switchers, or reclosers.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE C37.122.4-202x, Guide for Application and User Guide for Gas-Insulated AC Transmission Lines, Rated 72.5 kV and Above (new standard)

Stakeholders: Stakeholders of gas insulated transmission line projects are electric utilities, electric power system operators, power transmission equipment manufacturers and power line installers, electric power consumers, local governments and authorities, and property owners.

Project Need: As the demand for electrical power grows, it is anticipated additional transmission lines will be constructed in highly developed areas to meet the growing demand. Although there are relatively few gas-insulated line installations in service today, gas-insulated lines will be increasingly considered for transmission line projects traversing congested areas. The outcome of this project will be a guide for power engineers with limited direct experience with gas-insulated lines. Stakeholders of gas-insulated transmission line projects include electric utilities, electric power system operators, electric power consumers, local governments, and property owners. The standard needs to be updated to the changes made with the last revision of C37.122. New technology developments need to be added related to alternative gas for electrical insulation. New references of the latest executed projects need to be added to give advice on possible applications. The impact of the transmission network expansion and upgrade to higher power transmission needs to be reflected in the GIL Application Guide as one possible technical solution needs to be added.

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

This document provides guidance for planning, design, equipment specification, installation, testing, commissioning, operation, maintenance, and decommissioning of gas-insulated transmission lines (GIL). The guide addresses technical aspects only. This guide applies to AC transmission lines rated voltage 72.5 kV and above.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE C37.122.9-202x, Guide for Condition Assessment of Gas-Insulated Substations Rated Above 52 kV (new standard)

Stakeholders: GIS Equipment Owners

Project Need: As GIS equipment ages, many users are looking to determine if the service life of the existing equipment can be extended. This guide will assist in making that determination. This guide may be helpful to users who do not have evaluation and maintenance programs in place. Users may also find this guide helpful in developing a data collection plan for condition based monitoring for recently installed GIS. The guide is intended as a document to aid users in selecting the proper approaches to upgrading, retrofitting, or replacement options in extending the useful life of a GIS.

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 guide helps to determine the condition of Gas-Insulated Substation (GIS) equipment rated above 52 kV.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE C57.12.10-202x, Standard Requirements for Liquid-Immersed Power Transformers (new standard)

Stakeholders: Power Utilities, Industrial Users, Transformer Manufacturers, Manufacturers of Power Transformer Accessories, Consultants serving Power Utilities and Industrial Users

Project Need: The standard defines the basic requirements for liquid-immersed power transformers not covered by C57.12.36-2007 - IEEE Standard Requirements for Liquid-Immersed Distribution Substation Transformers. This project is for the routine, periodic review and revision of this standard.

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

This voluntary consensus standard sets forth the requirements for power transformer application. This standard is intended to be used as a basis for performance, interchangeability, and safety of the equipment covered, and to assist in the proper selection of such equipment. This document is a product standard that covers certain electrical, dimensional, and mechanical characteristics of 50-Hz and 60-Hz liquid-immersed power transformers base rated as follows: 833 kVA and above single-phase, 750 kVA and above three-phase. This standard applies to all liquid-immersed power transformers that do not belong to the following types of apparatus: (a) Instrument transformers; (b) Step voltage regulators; (c) Arc-furnace transformers; (d) Rectifier transformers; (e) Specialty transformers; (f) Grounding transformers; (g) Mobile transformers; and (h) Mine transformers.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE C57.19.04-202x, Standard for Performance Characteristics and Dimensions for High Current Power Transformer Bushings with Rated Continuous Current in Excess of 5000 A located within Bus Enclosures (new standard)

Stakeholders: Bushing manufacturers, transformer manufacturers, utilities

Project Need: As other bushing standards do not include the high current bushings typical of GSU transformer low voltage (LV) bushings nor information on their typical service environment, this standard was created to provide requirements for such application. This is the first revision cycle of what was a newly published standard and the activity will review and incorporate industry experience with using this standard after its initial development and publication.

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

This standard covers the electrical, thermal, dimensional, and related special requirements for high current rating power transformer bushings located within bus enclosures that have rated continuous current in excess of 5000 A. Bushings covered by this standard are intended for use as components of liquid-immersed transformers including, but not limited to, generator step-up (GSU) transformers.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE C57.151-202x, Guide for the Evaluation of the Environmental Impact and Life Cycle Assessment of Transformers and Shunt Reactors (new standard)

Stakeholders: Utilities, renewable sector, datacenters

Project Need: Currently, industry does not have common sets of rules for the evaluation of the environmental impact of the transformers and the reactors. This document will guide the Customers, Suppliers, Regulatory Agencies, and others to perform the elevation in the unified way.

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 guide covers a methodology for the calculation and reporting of the environmental impact and carbon footprint of transformers and shunt reactors over their life cycle.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE SI10-202x, Standard for Metric Practice (new standard)

Stakeholders: All parties interested in the communication of technical and scientific information.

Project Need: Standard is due for revision by 2026. ASTM International (formerly known as the American Society for Testing and Materials) has already completed a reapproval process and is ready to participate with IEEE Revision process. Based on reapproval from ASTM, no significant changes to the standard are anticipated at this time.

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 document is the primary standard on application of the metric system. It emphasizes use of the International System of Units (SI), which is the modern, internationally accepted metric system. It includes information on SI, a limited list of units recognized for use with SI, and a list of conversion factors, together with general guidance on style and usage. It also lists older "metric" units that shall no longer be used. The word primary implies that other metric standards in the United States should be consistent with this document.

TIA (Telecommunications Industry Association)

Teesha Jenkins <tjenkins@tiaonline.org> | 1320 North Courthouse Road, Suite 200 | Arlington, VA 22201-2598 | www.tiaonline.org

National Adoption

BSR/TIA 623.1-202x, SM Non-angled Cylindrical Ferrules (identical national adoption of IEC 61755-3-1:2024 Ed2)

Stakeholders: End-users, installers, designers of optical fiber interconnecting devices & passive components, IEC SC86B, IEC SC86C

Project Need: Adopt identical ISO or IEC Standard.

Interest Categories: User, Producer and General Interest

Adopt IEC 61755-3-1:2024 Ed2, SM non-angled cylindrical ferrules as ANSI/TIA-PN-623.1.

TIA (Telecommunications Industry Association)

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National Adoption

BSR/TIA 623.2-202x, SM Angled Cylindrical Ferrules (identical national adoption of IEC 61755-3-2:2024 Ed2)

Stakeholders: End-users, installers, designers of optical fiber interconnecting devices & passive components, IEC SC86B, IEC SC86C

Project Need: Adopt identical ISO or IEC Standard

Interest Categories: User, Producer and General Interest

Adopt IEC 61755-3-2:2024 Ed2, SM angled cylindrical ferrules as ANSI/TIA-PN-623.2.

ULSE (UL Standards & Engagement)

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

New Standard

BSR/UL 6260-202x, Standard for Safety for Remotely-Operated Inspection and Maintenance Equipment for Hazardous (Classified) Locations (new standard)

Stakeholders: Hazardous locations/explosive atmospheres.

Project Need: Owners of hazardous locations facilities are deploying a variety of autonomous and semi-autonomous robotic solutions including AMPs that perform surveillance, inspection and maintenance. Without certified Ex Equipment, the operators require “hot work” permits at the boundary of the hazardous location for deployment of these platforms, this in turn causes delays, operational shutdowns, and limited operational performance.

Interest Categories: Authorities Having Jurisdiction (AHJ), Commercial/Industrial User, General, Government, Producer, Supply Chain, and Testing & Standards

1.1 These requirements cover remotely operated inspection and maintenance equipment for hazardous (classified) locations. This equipment is intended for areas classified in accordance with the National Electrical Code (NEC), ANSI/NFPA 70.

1.2 This standard cover devices that operate with the following attributes:

(A) Type of Supervision

- i. Fully autonomous with limited site supervision;
- ii. Fully autonomous with regulated site supervision;
- iii. Under continuous operator supervision;
- iv. Under operator control.

(B) Type of Powered Source

- i. Battery;
- ii. Electrically tethered;
- iii. Hydraulically tethered.

(C) Type of motion

- i. flying;
- ii. crawling;
- iii. swimming;
- iv. diving;
- v. transportable with robotic features.

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: December 15, 2024

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 B30.5-202x, Mobile and Locomotive Crane (revision of ANSI/ASME B30.5-2021)

B30.5 applies to crawler cranes, locomotive cranes, wheel-mounted cranes, and any variations thereof that retain the same fundamental characteristics. The scope includes only cranes of the above types that are basically powered by internal combustion engines or electric motors.

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

Send comments (copy psa@ansi.org) to: Kathleen Peterson <peterstonk@asme.org>

NENA (National Emergency Number Association)

1700 Diagonal Road, Suite 500, Alexandria, VA 22314 | crm@nena.org, www.nena.org

Revision

BSR/NENA STA-024.1.1-202x, NENA Standard for the Conveyance of Emergency Incident Data Objects (EIDOs) between Next Generation (NG9-1-1) Systems and Applications (revision of ANSI/NENA STA-024.1-2023)

Based on feedback and experience received since issuance of that standard, it was determined that a version that maintained backward compatibility is needed to best support the industry's implementation of EIDO, prior to the release of a Version 2.

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

Send comments (copy psa@ansi.org) to: Download and submit comments at https://dev.nena.org/higherlogic/ws/public/document?document_id=34716&wg_id=39962138-43d1-4402-a475-6468db7effda

Comment Deadline: December 15, 2024

PHTA (Pool and Hot Tub Alliance)

1650 King Street, Suite 602, Alexandria, VA 22314 | bpavlik@phta.org, www.PHTA.org

Revision

BSR/PHTA/ICC-5-202x, Standard for Residential Inground Swimming Pools (revision and redesignation of ANSI/APSP/ICC-5 2011 (R2022))

This standard applies to permanently installed residential in-ground swimming pools intended for noncommercial use as a swimming pool by not more than three owner families and their guests and exceeding 24 in (61 cm) in water depth. This standard covers specifications for new construction and remodeling of residential in-ground swimming pools and includes design, equipment, operation, and installation.

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

Send comments (copy psa@ansi.org) to: <https://www.phta.org/standards>

ULSE (UL Standards & Engagement)

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Revision

BSR/UL 486A-486B-202x, Standard for Safety for Wire Connectors (revision of ANSI/UL 486A-486B-2023)

Recirculation of the following topic: the Proposed Fourth Edition of the Standard for Wire Connectors, UL 486A-486B, Testing with Flex Copper Wire.

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

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

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 719-202X, Standard for Safety for Nonmetallic-Sheathed Cables (revision of ANSI/UL 719-2023)

Flatwise Crush Resistance Test, Revised 56.13.1 and Clause 7.12

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

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

Comment Deadline: December 15, 2024

ULSE (UL Standards & Engagement)

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Revision

BSR/UL 723-202x, Standard for Safety for Surface Burning Characteristics of Building Materials (revision of ANSI/UL 723-2018 (R2023))

1.1 This method of test for surface burning characteristics of building materials is applicable to any type of building material that, by its own structural quality or the manner in which it is applied, is capable of supporting itself in position or being supported in the test furnace to a thickness comparable to its intended use. 1.2 The purpose of the test is to determine the comparative burning characteristics of the material under test by evaluating the spread of flame over its surface and the density of the smoke developed when exposed to a test fire, and thus to establish a basis on which surface burning characteristics of different materials are compared, without specific regard to all the end-use parameters that affect the surface burning characteristics. 1.3 This method of test is intended to register performance during the period of exposure, and not to determine suitability for use after the test exposure. Reference the requirements in the Standard for Fire Tests of Building Construction and Materials, UL 263, for procedures for determining the performance, under fire exposure conditions, of building constructions and materials when incorporated into a test structure and subjected to a standard exposing fire of controlled extent and severity.

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

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

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 746A-202X, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2024)

This proposal covers the inclusion of requirements for a new test method to measure resistivity of partially conductive polymeric materials in accordance with ASTM D4496 in a New Section 22A of UL 746A

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

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

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 746D-202X, Standard for Safety for Polymeric Materials - Fabricated Parts (revision of ANSI/UL 746D -2023)

This proposal covers the addition of requirements for Reprocessed Thermoplastics as a new Section 8A of UL 746D.

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

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

Comment Deadline: December 30, 2024

AAMI (Association for the Advancement of Medical Instrumentation)

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

Reaffirmation

BSR/AAMI ST65 (R202x), Processing of reusable surgical textiles for use in health care facilities (reaffirmation of ANSI/AAMI ST65-2008 (R2018))

This recommended practice provides guidelines for the proper handling, processing, and preparation of reusable surgical textiles either on-site or off-site for use in health care facilities. This recommended practice specifically addresses design criteria for functional work areas; staff qualifications, education, training, dress codes, and other personnel considerations; receiving and handling of soiled surgical textiles; laundry processing considerations; transport of both soiled and clean surgical textiles; installation, care, and maintenance of laundry equipment; quality control; and regulatory considerations. Definitions of terms and a bibliography are also provided.

Single copy price: \$275.00 (non-member price); \$154.00 (member price)

Obtain an electronic copy from: <https://store.aami.org/s/store#/store/browse/detail/a152E000006j61yQAA>

Send comments (copy psa@ansi.org) to: Thomas Kim, tkim@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

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

Reaffirmation

BSR/AAMI/ISO 15882 (R202x), Sterilization of health care products - Chemical indicators - Guidance for selection, use and interpretation of results (reaffirm a national adoption ANSI/AAMI/ISO 15882-2008 (R2013))

This document provides guidance for the selection, use and interpretation of results of chemical indicators used in process definition, validation and routine monitoring and overall control of sterilization processes. AAMI/ISO 15882:2008 applies to indicators that show exposure to sterilization processes by means of physical and/or chemical change of substances, and which are used to monitor one or more of the variables required for a sterilization process. These chemical indicators are not dependent for their action on the presence or absence of a living organism.

Single copy price: \$226.00 (non-member price); \$129.00 (member price)

Obtain an electronic copy from: tkim@aami.org

Send comments (copy psa@ansi.org) to: Thomas Kim, tkim@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

901 North Glebe Road, Suite 300, Arlington, VA 22203 | rporter@aami.org, www.aami.org

Revision

BSR/AAMI HE75-202x, Human factors engineering - Design of medical devices (revision of ANSI/AAMI HE75-2009 (R2018))

This standard addresses a broad range of human factors engineering topics as they relate to the design and evaluation of medical devices. This document is expected to be useful to human factors and usability engineering specialists, software developers, industrial, biomedical, mechanical, and electrical engineers and other development personnel.

Single copy price: Free

Obtain an electronic copy from: rporter@aami.org

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

Comment Deadline: December 30, 2024

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201 | jyeh2@ahrinet.org, www.ahrinet.org

Revision

BSR/AHRI Standard 1350-202x (SI/I-P), Mechanical Performance Rating of Central Station Air-handling Unit Casings (revision, redesignation and consolidation of ANSI/AHRI Standard 1350 (I-P)-2014 and ANSI/AHRI Standard 1351 (SI)-2015)

This standard applies to the enclosure which houses the fans, coils, filters, and other components of the central station air-handling unit (CSAHU). This standard establishes the test requirements, rating requirements, and minimum data requirements for casing deflection rating class, casing air leakage class, thermal transmittance class with leakage, thermal transmittance class without leakage, thermal bridging class, and filter bypass leakage.

Single copy price: Free

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

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

ASA (ASC S12) (Acoustical Society of America)

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

Reaffirmation

BSR/ASA S12.23-1989 (R202x), Method for the Designation of Sound Power Emitted by Machinery and Equipment (reaffirmation of ANSI/ASA S12.23-1989 (R2020))

This standard describes methods for determining and verifying labeled values for the noise emitted by machinery and equipment. Two types of labeling are considered in this standard: machines labeled with individual values and machines labeled with the same value for the batch. For economical reasons, the labeled value for all machines of a batch of machines may be checked by sampling procedures. This standard does not deal with the consequences to be drawn if the labeled value is not verified for the batch of machines or for the single machine. Purpose: The principal purposes of this standard are to prescribe methods for verifying labeled noise emission values and to provide information to the labeler on the determination of noise emission values for product noise labeling purposes.

Single copy price: \$99.00

Obtain an electronic copy from: standards@acousticalsociety.org

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

ASA (ASC S12) (Acoustical Society of America)

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

Reaffirmation

BSR/ASA S12.43-1997 (R202x), Methods for Measurement of Sound Emitted by Machinery and Equipment at Workstations and Other Specified Positions (reaffirmation of ANSI/ASA S12.43-1997 (R2020))

This Standard provides three methods to measure sound pressure levels from all types of machinery and equipment at workstations and other specified positions. The first method applies to measurements in an essentially free field over a reflecting plane. These sound pressure levels are, in general, equal to or lower than those that would occur when the machine is operated in its normal surroundings as the effects of background noise or reflections from surfaces other than the mounting surface are excluded.

Single copy price: \$147.00

Obtain an electronic copy from: standards@acousticalsociety.org

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

Comment Deadline: December 30, 2024

ASA (ASC S12) (Acoustical Society of America)

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

Reaffirmation

BSR/ASA S12.44-1997 (R202x), Methods for Calculation of Sound Emitted by Machinery and Equipment at Workstations and Other Specified Positions from Sound Power Level (reaffirmation of ANSI/ASA S12.44-1997 (R2020))

This Standard provides a method for determining emission sound pressure levels from the sound power level produced by all types of machinery and equipment at workstations and other specified locations. These sound pressure levels are, in general, less than those that would be measured when the machinery or equipment is operating in its normal surroundings where the environment may influence the measurement of an emission sound pressure level.

Single copy price: \$126.00

Obtain an electronic copy from: standards@acousticalsociety.org

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

ASA (ASC S2) (Acoustical Society of America)

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

Reaffirmation

BSR/ASA S2.20-1983 (R202x), Estimating Air Blast Characteristics for Single Point Explosions in Air, with a Guide to Evaluation of Atmospheric Propagation and Effects (reaffirmation of ANSI/ASA S2.20-1983 (R2020))

This standard provides consensus quantitative definitions of explosion characteristics for a single point explosion in air, along with methodologies for scaling these characteristics for a wide range of yield and ambient air conditions. Factors for use with common solid explosives are also included. Methods are provided for predictions of long-range propagation under atmospheric refractive influences. Target damage estimation procedures are provided for use in explosion operation planning and evaluation.

Single copy price: \$147.00

Obtain an electronic copy from: standards@acousticalsociety.org

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

ASA (ASC S2) (Acoustical Society of America)

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

Reaffirmation

BSR/ASA S2.21-1998 (R202x), Method for Preparation of a Standard Material for Dynamic Mechanical Measurements (reaffirmation of ANSI/ASA S2.21-1998 (R2020))

This Standard defines a method for preparing a standard viscoelastic material for comparison of different instruments and calibration of the same instrument.

Single copy price: \$99.00

Obtain an electronic copy from: standards@acousticalsociety.org

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

Comment Deadline: December 30, 2024

ASA (ASC S2) (Acoustical Society of America)

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

Reaffirmation

BSR/ASA S2.22-1998 (R202x), Resonance Method for Measuring the Dynamic Mechanical Properties of Viscoelastic Materials (reaffirmation of ANSI/ASA S2.22-1998 (R2020))

This Standard defines a method for measuring the dynamic mechanical properties of viscoelastic materials using longitudinal resonance in a bar-shaped test sample. The dynamic mechanical properties are expressed in terms of the frequency dependence of Young's modulus and loss factor at a given reference temperature. The Standard provides information for constructing such equipment and analyzing the results obtained.

Single copy price: \$99.00

Obtain an electronic copy from: standards@acousticalsociety.org

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

ASA (ASC S2) (Acoustical Society of America)

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

Reaffirmation

BSR/ASA S2.23-1998 (R202x), Single Cantilever Beam Method for Measuring the Dynamic Mechanical Properties of Viscoelastic Materials (reaffirmation of ANSI/ASA S2.23-1998 (R2020))

This Standard defines a method for measuring the dynamic mechanical properties of viscoelastic materials using a cantilever beam technique. The dynamic mechanical properties are expressed in terms of the frequency dependence of Young's modulus and loss factor at a given reference temperature. The Standard provides information for constructing such equipment and analyzing the results obtained.

Single copy price: \$99.00

Obtain an electronic copy from: standards@acousticalsociety.org

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

ASA (ASC S2) (Acoustical Society of America)

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

Reaffirmation

BSR/ASA S2.24-2001 (R202x), Graphical Presentation of the Complex Modulus of Viscoelastic Materials (reaffirmation of ANSI/ASA S2.24-2001 (R2020))

This Standard specifies the procedure for generating a graphical presentation of the frequency and temperature dependence of the complex modulus of viscoelastic materials. This Standard is the National counterpart of ISO 10112, Damping materials - Graphical presentation of the complex modulus.

Single copy price: \$99.00

Obtain an electronic copy from: standards@acousticalsociety.org

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

Comment Deadline: December 30, 2024

ASA (ASC S3) (Acoustical Society of America)

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

Reaffirmation

BSR/ASA S3.39-1987 (R202x), Specifications for Instruments to Measure Aural Acoustic Impedance and Admittance (Aural Acoustic Immittance) (reaffirmation of ANSI/ASA S3.39-1987 (R2020))

This standard provides specifications for instruments designed to measure acoustic impedance, acoustic admittance, or both quantities, within the human external ear canal. Terms that apply to these instruments and to related measurements are defined. Four types of instruments are classified. Characteristics, specifications, and recommended calibration procedures then are provided. Material within this standard is intended both for users and for manufacturers of instruments that measure aural acoustic impedance and admittance.

Single copy price: \$110.00

Obtain an electronic copy from: standards@acousticalsociety.org

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

ASA (ASC S3) (Acoustical Society of America)

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

Reaffirmation

BSR/ASA S3.41-2015 (R202x), Audible Emergency Evacuation (E2) and Evacuation Signals with Relocation Instructions (ESRI) (reaffirmation of ANSI/ASA S3.41-2015 (R2020))

This Standard specifies the characteristics of acoustic signals to be used for audible emergency evacuation and audible evacuation signals with relocation instructions. It applies to the audible signal only and not to the signaling system components or equipment. The audible emergency signal is intended to draw the attention of all persons within the signal reception area to an emergency situation (fire, gas leaks, explosion, nuclear radiation, etc.) requiring immediate evacuation from the area.

Single copy price: \$99.00

Obtain an electronic copy from: standards@acousticalsociety.org

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

ASA (ASC S3) (Acoustical Society of America)

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

Reaffirmation

BSR/ASA S3.42-1992/Part 1 (R202x), Testing Hearing Aids with a Broad-Band Noise Signal (reaffirmation of ANSI/ASA S3.42-1992/Part 1 (R2020))

This standard describes techniques for characterizing the steady-state performance of hearing aids with a broadband noise signal. The need for such a standard arises from the importance of assessing the performance of hearing aids in environments more nearly representing their real-world use.

Single copy price: \$110.00

Obtain an electronic copy from: standards@acousticalsociety.org

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

Comment Deadline: December 30, 2024

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

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

Revision

BSR/ASHRAE Standard 164.1-202xR, Method of Test for Residential Central-System Humidifiers (revision of ANSI/ASHRAE Standard 164.1-2012 (R2016))

This revision of ANSI/ASHRAE Standard 164.1-2012 establishes a uniform method of laboratory testing for rating central-system residential humidifiers.

Single copy price: \$35.00

Obtain an electronic copy from: <http://www.ashrae.org/standards-research-technology/public-review-drafts>

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

ATCC (American Type Culture Collection)

217 Perry Parkway, Suite 1, Gaithersburg, MD 20877 | aday@atcc.org, www.atcc.org

Reaffirmation

BSR/ATCC ASN-0001.1-2015 (R202x), Standardization of In Vitro Assays to Determine Anthrax Toxin Activities (reaffirmation of ANSI/ATCC ASN-0001.1-2015)

Provides a standardization of reagents and procedures for handling and assaying the in vitro activities of individual toxin components (PA, LF, EF) and the activities of the bipartite toxins (LT, ET).

Single copy price: \$199.00

Obtain an electronic copy from: standards@atcc.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

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

Revision

BSR/ATIS 0600307-2024-202x, Fire Resistance Criteria - Ignitability Requirements for Equipment Assemblies, Ancillary Non-Metallic Apparatus, and Fire Spread Requirements for Wire and Cable (revision of ANSI/ATIS 0600307-2018 (R2023))

This standard covers the fire-resistance characteristics of equipment assemblies and selected products and materials used within telecommunications network equipment facilities and spaces of similar function. This standard along with the latest published version of ATIS 0600319 shall be used as the means of appraising fire risk within a telecommunications network equipment facility or space with similar function.

Single copy price: Free

Obtain an electronic copy from: masefa@atis.org

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

Comment Deadline: December 30, 2024

ATIS (Alliance for Telecommunications Industry Solutions)

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

Revision

BSR/ATIS 0600329-2024-202x, Network Equipment - Earthquake Resistance (revision of ANSI ATIS 0600329-2014 (R2019))

This standard, when used with established earthquake qualification practices, sets forth test methods, performance requirements, and acceptance criteria for determining the earthquake resistance of telecommunications equipment. Earthquake resistance is the equipment's ability to maintain a defined level of functionality without physical damage, disruption of service, or personnel hazard, during and after an earthquake. The purpose of this standard is to establish minimum levels of robustness for telecommunications equipment that may provide a level of survivability to preserve telecommunications services during and after an earthquake. This standard establishes methods for determining equipment functionality within a defined earthquake environment. The test processes and performance requirements described in this standard apply to all telecommunications equipment fastened to the floor, walls, or other structural elements of telecommunications infrastructure.

Single copy price: Free

Obtain an electronic copy from: masefa@atis.org

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

AWS (American Welding Society)

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

Revision

BSR/AWS D1.1/D1.1M-202x, Structural Welding Code - Steel (revision of ANSI/AWS D1.1/D1.1M-2020)

This code covers the welding requirements for any type of welded structure made from the commonly used carbon and low-alloy constructional steels. Clauses 1 through 11 constitute a body of rules for the regulation of welding in steel construction. There are eight normative and eleven informative annexes in this code. A Commentary of the code is included with the document.

Single copy price: \$265.50 (Member); \$354.00 (Non-Member)

Obtain an electronic copy from: jrosario@aws.org

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

AWS (American Welding Society)

8669 NW 36th St, Miami, FL 3316 | acelaya@aws.org, www.aws.org

Revision

BSR/AWS D16.4M/D16.4-202x, Specification for the Qualification of Robotic Arc Welding Personnel (revision of ANSI/AWS D16.4M/D16.4-2014)

This specification provides requirements for the qualification of robotic arc welding personnel at three different classifications—Associate Technician (AT), Technician (T), and Engineer (Eng).

Single copy price: \$27.00 (Member Price); \$36.00 (Non-Member Price)

Obtain an electronic copy from: acelaya@aws.org

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

Comment Deadline: December 30, 2024

AWWA (American Water Works Association)

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

Revision

BSR/AWWA B201-202x, Soda Ash (revision of ANSI/AWWA B201-2018)

This standard describes soda ash for use in the treatment of potable water, wastewater, or reclaimed water.

Single copy price: Free

Obtain an electronic copy from: ETSupport@awwa.org

Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson; polson@awwa.org

AWWA (American Water Works Association)

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

Revision

BSR/AWWA B202-202x, Quicklime and Hydrated Lime (revision of ANSI/AWWA B202-2019)

This standard describes pebble, lump, and ground quicklime and hydrated lime for use in the treatment of potable water, wastewater, or reclaimed water supply service.

Single copy price: Free

Obtain an electronic copy from: ETSupport@awwa.org

Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson; polson@awwa.org

BOMA (Building Owners and Managers Association)

1101 15th Street, NW, Suite 800, Washington, DC 20005 | klor@boma.org, www.boma.org

Revision

BSR/BOMA Z65.2-202x, BOMA 2025 for Industrial Buildings Standard Method of Measurement (revision of ANSI/BOMA Z65.2-2019)

The BOMA 2024 Industrial Standard features a single method of measurement. It generates multiple Load Factors for various shared space types (e.g., Building Service Area, Floor Service Area, Inter-Allocated Area, etc.).

These Load Factors are successively applied to Occupant Areas on a pro-rata basis. The end product of applying this standard is a spreadsheet called the Global Summary of Areas. Practitioners must enter raw data called Input Values directly into the spreadsheet. It is advised that Input Values be determined in CAD, BIM, or other such spatially aware software. After the outer extents of measurement (called Boundary Area) are established, Input Values are generated for each space in the Building according to their appropriate Space Classification and the way such spaces adjoin each other (called Wall Priority). Once the Input Values are determined and entered into the Global Summary of Areas, the spreadsheet allocates shared space among Occupants and calculates Rentable Area. Due to the sheer variety of architectural designs, space configurations, and business requirements found in today's Industrial and Flex Buildings, this standard goes into great detail in order to cover as many real-world building conditions as possible. Since it is not possible to cover every conceivable permutation, BOMA International does offer question-and-answer style interpretations to users of the standard via the Interpretations Subcommittee of BOMA International's Floor Measurement Standards Committee. This 2024 Industrial Standard includes many new features, enhancements, and clarifications from its predecessor.

Single copy price: Free

Obtain an electronic copy from: education@boma.org

Send comments (copy psa@ansi.org) to: Kia Lor, klor@boma.org

Comment Deadline: December 30, 2024

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR Z83.21/CSA C22.2 No.168-2019 (R202x), Commercial Dishwashers (same as CSA C22.2 No.168)
(reaffirmation of ANSI Z83.21-2019)

This Standard covers commercial, freestanding, under-counter, and counter-insert dishwashers,utensil-washers, and glass washers using water as the principal cleaning medium, hereafter referred to as dishwashers. These dishwashers utilize steam, gas, or electric heaters for heating the water. Heated water is provided to a dishwasher by means of steam, gas, or electric heating systems integral to the appliance,or by means not integral to the dishwasher that is provided at the installation site. This Standard is not intended to be used to evaluate the gas-fired water heating portions of the system that incorporate water containment vessels operating above atmospheric pressure. For dishwashers that incorporate a gas-fired water heater with a pressurized water containment vessel operating above atmospheric pressure, the water heater portion of the system is covered by the requirements of ANSI Z21.10.3/CSA 4.3.

Single copy price: Free

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

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

ESTA (Entertainment Services and Technology Association)

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

New Standard

BSR/ES1.5-202x, Event Safety - Medical Preparedness (new standard)

This standard helps identify the steps necessary to create a reasonable level of protection from medical hazards that can be created by, exacerbated by, or cause effective treatment delay as a result of, the unique challenges and circumstances presented by the special event environment. Its scope includes the assessment of specific medical hazards, and also addresses the potential impact to local medical services, which may be temporarily impacted by the specific needs of the special event.

Single copy price: Free

Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php

Send comments (copy psa@ansi.org) to: Karl Ruling <standards@esta.org>

ESTA (Entertainment Services and Technology Association)

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

New Standard

BSR/ES1.17-202x, Event Safety - Electrical safety and lighting (new standard)

This standard addresses the application, assessment, and documentation of safe electrical working practices during the installation, show, and dismantling of event electrical systems and equipment specifically used for special events. The event industry includes, but is not limited to, musical productions, festivals, concerts, theatre and film production, video productions, corporate events, trade shows, sporting events, broadcast production, and events related to them.

Single copy price: Free

Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php

Send comments (copy psa@ansi.org) to: Karl Ruling <standards@esta.org>

Comment Deadline: December 30, 2024

ESTA (Entertainment Services and Technology Association)

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

New Standard

BSR/ES1.42-202x, Parade Safety (new standard)

This standard addresses the unique public safety considerations associated with parades. It will expand on ANSI E1.57-2016 (R2021), and will apply some of the principles addressed in ANSI ES1.9-2020, as applicable specifically to parades.

Single copy price: Free

Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php

Send comments (copy psa@ansi.org) to: Karl Ruling <standards@esta.org>

ESTA (Entertainment Services and Technology Association)

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

New Standard

BSR/ES1.43-202x, Event Safety - Material Handling (new standard)

This standard addresses provision, availability and use of safe material handling procedures, equipment, training and planning at special events. It will help identify and assess specific material handling hazards specific to the event environment, and help the reader to understand how lack of planning, appropriate equipment, and training can negatively impact life safety at an event.

Single copy price: Free

Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php

Send comments (copy psa@ansi.org) to: Karl Ruling <standards@esta.org>

ESTA (Entertainment Services and Technology Association)

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

Reaffirmation

BSR E1.17-2015 (R202x), Architecture for Control Networks (reaffirmation of ANSI E1.17-2015)

ANSI E1.17 is a suite of documents that specifies an architecture, including protocols and language, which may be configured and combined with other standard protocols to form flexible, networked audio, lighting, or other control systems. It can be implemented on networks that support UDP, IP, and related protocols. It is not bound to Ethernet as a transport medium, but Ethernet is an obvious choice.

Single copy price: Free

Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php

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

ESTA (Entertainment Services and Technology Association)

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

Revision

BSR/E1.43-202x, Performer Flying Systems (revision of ANSI E1.43-2016)

This standard establishes a minimum level of performance parameters for the design, manufacture, use, and maintenance of performer flying systems used in the production of entertainment events. It provides guidance on minimum required strength, reliability, and safety aspects of these systems, to ensure safety of the performer, other production personnel, and audiences under all circumstances associated with performer flying.

Single copy price: Free

Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php

Send comments (copy psa@ansi.org) to: Karl Ruling <standards@esta.org>

Comment Deadline: December 30, 2024

ESTA (Entertainment Services and Technology Association)

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

Revision

BSR/E1.50-1-202x, Requirements for Temporary Display System Structures (revision of ANSI E1.50-1-2017)

The scope of this standard covers LED and other self-illuminated video display structures used as part of the scenery in concerts, theatre shows, and special events. The standard includes advice on planning and site preparedness, assembly and erection, suspension and safety of components, special access requirements, and the use and dismantling of these systems.

Single copy price: Free

Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php

Send comments (copy psa@ansi.org) to: Karl Ruling <standards@esta.org>

ESTA (Entertainment Services and Technology Association)

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

Revision

BSR/E1.56-202x, Rigging Support Points (revision of ANSI E1.56-2018)

This standard applies to stationary rigging points, attached to permanent facility structure, that are intended to be permanent, and provides minimum requirements for the design, fabrication, installation, inspection and documentation of these rigging points for their use to support rigging loads.

Single copy price: Free

Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php

Send comments (copy psa@ansi.org) to: Karl Ruling <standards@esta.org>

IIAR (International Institute of All-Natural Refrigeration)

1001 North Fairfax Street, Alexandria, VA 22314 | tony_lundell@iiar.org, www.iiar.org

Revision

BSR/IIAR 7-202x, Operating Procedures for Closed-Circuit Ammonia Refrigeration Systems (revision of ANSI/IIAR 7-2019)

This standard includes the minimum requirements for operating procedures for closed-circuit ammonia refrigeration systems.

Single copy price: Free until the public review process is finished

Obtain an electronic copy from: tony_lundell@iiar.org

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

MHI (Material Handling Industry)

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

New Standard

BSR MH31.3-202X, Test Method for Topple Barrier Static Load and Creep (new standard)

This standard provides a test method of evaluating static load and creep performance characteristics for topple barriers. A topple barrier is a guard similar to appearance to a tall fence engineered to withstand the impact of falling stacked objects, while preventing them from tumbling into areas where personnel, other products, or machinery are located. Topple barriers can be constructed from a variety of different materials and can come in a variety of sizes.

Single copy price: \$50.00

Obtain an electronic copy from: www.mhi.org

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

Comment Deadline: December 30, 2024

MHI (Material Handling Industry)

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

Revision

BSR MH27.1-202X, Patented Track Underhung Cranes and Monorail Systems (revision of ANSI MH27.1-2016)
This standard applies to underhung cranes whose end trucks operate on the lower flange of a patented track runway section; and to carriers (trolleys) operating on single-track patented track monorail systems, including all curves, switches, transfer devices, lift and drop sections, and associated equipment. Systems used for transporting personnel require special considerations and are not included in this standard. This standard does not apply to enclosed-track runway sections, enclosed-track monorail systems, structural-shape runway section, or structural-shape monorail systems.

Single copy price: \$50.00

Obtain an electronic copy from: www.mhi.org

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

MHI (Material Handling Industry)

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

Revision

BSR MH27.2-202X, Enclosed Track Underhung Cranes and Monorail Systems (revision of ANSI MH27.2-2017)
This standard applies to underhung cranes whose end trucks operate on the internal flange of a runway using enclosed track section; and to trolleys (carriers) operating on single-track monorail systems, including all curves, switches, transfer devices, lift and drop sections, and associated equipment. Systems used for transporting personnel require special considerations and are not included in this standard. This standard does not apply to underhung cranes whose end trucks operate on the lower flange of a patented-track runway section.

Single copy price: \$50.00

Obtain an electronic copy from: www.mhi.org

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

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Jeff.Noren@NECANet.org, www.neca-neis.org

New Standard

BSR/NECA 500-202X, Recommended Practice for Installing and Maintaining Indoor Commercial Lighting Systems (new standard)

Products and Applications Included. This Standard describes installation and maintenance procedures for permanently installed incandescent, halogen, fluorescent, LED, and high-intensity discharge (HID) lighting systems operating at 1000 Volts or less installed indoors and commonly used in commercial and retail buildings, including, but not necessarily limited to, the following: Recessed lighting systems, such as troffers, downlights, wallwashers, valance lights, and accent lights. Surface-mounted lighting systems, such as surface troffers, wraparounds, surface downlights, monopoints, and decorative fixtures. Suspended lighting systems, such as pendant luminaires, direct, indirect, and uplight systems, and decorative luminaires. Wall-mounted lighting systems, such as sconces or wallpacks. Track lighting systems. Power over Ethernet (PoE) lighting systems. In addition to luminaires, this Standard includes construction materials related to luminaires, including, but not necessarily limited to, lamps, conductors, wiring methods, various special screws and clips, and structural suspension components.

Single copy price: \$30.00 (Members); \$60.00 (Non-members)

Obtain an electronic copy from: neis@necanet.org

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

Comment Deadline: December 30, 2024

NEMA (ASC C50) (National Electrical Manufacturers Association)

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

National Adoption

BSR NEMA IEC 61800-9-2-202x, Adjustable speed electrical power drive systems (PDS) - Part 9-2: Ecodesign for motor systems - Energy efficiency determination and classification as an Standard (identical national adoption of IEC 61800-9-2:2023 Ed. 2)

IEC 61800-9-2:2023 specifies energy efficiency indicators of power electronics (complete drive modules (CDM), input or output sub drive modules (SDM), power drive systems (PDS) and motor starters, all used for motor driven equipment. This document is a group energy efficiency publication according to IEC Guide 119 and specifies the methodology for the determination of losses of the complete drive module (CDM), the sub drive module (SDM), the power drive system (PDS) and the motor system. It defines IE and IES classes, their limit values and provides test procedures for the classification of the overall losses of the motor system.

Single copy price: \$515.00

Obtain an electronic copy from: david.richmond@nema.org

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

NEMA (ASC C80) (National Electrical Manufacturers Association)

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

National Adoption

BSR NEMA 61800-3-202x, Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods for PDS and machine tools (identical national adoption of IEC 61800-3 2022)

IEC 61800-3:2022 specifies electromagnetic compatibility (EMC) requirements for adjustable speed power drive systems (PDSs) and machine tools (MTs). A PDS is an AC or DC motor drive including an electronic converter. Requirements are stated for AC and DC PDSs and MTs with input and/or output voltages (line-to-line voltage), up to 35 kV AC RMS. This document applies to equipment of all power ratings. As a product EMC standard, this document can be used for the assessment of PDS and MT. It can also be used for the assessment of complete drive modules (CDM) or basic drive modules (BDM).

Single copy price: \$417.00

Obtain an electronic copy from: david.richmond@nema.org

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

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 102-202x, Standard for Grandstands, Folding and Telescopic Seating, Tents, and Membrane Structures (revision of ANSI/NFPA 102-2021)

This standard addresses the following: (1) The construction, location, protection, and maintenance of grandstands and bleachers, folding and telescopic seating, tents, and membrane structures; (2) Seating facilities located in the open air or within enclosed or semi-enclosed structures such as tents, membrane structures, and stadium complexes.

1.2 Purpose. The purpose of this standard is to provide minimum requirements for life safety in relation to fire, storm, collapse, and crowd behavior in tents, membrane structures, and assembly seating as covered in Section 1.1.

1.3 Application. The requirements of this standard shall apply to the following: (1) New facilities, (2) Existing facilities where specifically noted.

Obtain an electronic copy from: www.nfpa.org/102next

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

Comment Deadline: December 30, 2024

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 214-202x, Standard on Water-Cooling Towers (revision of ANSI/NFPA 214-2021)

1.1 Scope. This standard applies to fire protection for field-erected and factory-assembled water-cooling towers of combustible construction or those in which the fill is of combustible material. 1.2 Purpose. The purpose of this standard is to provide a reasonable degree of protection for life and property from fire where water-cooling towers are located.

Obtain an electronic copy from: www.nfpa.org/214next

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

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

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

1.1 Scope. This standard provides minimum requirements for protection of records, records protection equipment and facilities, and the types of records specified within this standard from the hazards of fire. This standard provides requirements for the following categories of records storage environments in ascending order of increasing risk tolerance and descending protection requirements: (1) Vaults; (2) Archives; (3) File rooms; (4) Compartmented records centers; and (5) Noncompartmented records centers. This standard also provides the requirements for the application of the types of records protection equipment specified within this standard. This standard does not provide any requirements for the protection of cellulose nitrate film records. NFPA 40 shall be followed for protection requirements for cellulose nitrate film. This standard does not provide any requirements for the storage and handling of useful records. The responsible party, typically the owner of the records and not the authority having jurisdiction, shall determine classification of the records in accordance with this standard. The responsible party, typically the owner of the records and not the authority having jurisdiction, shall determine which records justify the application of this standard.

Obtain an electronic copy from: www.nfpa.org/232next

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

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 409-202x, Standard on Aircraft Hangars (revision of ANSI/NFPA 409-2022)

1.1 Scope. This standard contains the minimum requirements for the proper construction of aircraft hangars and protection of aircraft hangars from fire. This standard applies only to buildings or structures used for aircraft storage, maintenance, or related activities. Other uses within an aircraft hangar shall be protected in accordance with other applicable NFPA standards. This standard applies to aircraft hangars containing aircraft that use liquid hydrocarbon fuels. 1.2 Purpose. The purpose of this standard is to provide a reasonable degree of protection from fire for life and property in aircraft hangars, based on sound engineering principles, test data, and field experience.

Obtain an electronic copy from: www.nfpa.org/409next

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

Comment Deadline: December 30, 2024

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 415-202x, Standard on Airport Terminal Buildings, Fueling Ramp Drainage, and Loading Walkways (revision of ANSI/NFPA 415-2022)

1.1 Scope. This standard specifies the minimum fire protection requirements for the construction and protection of airport terminal buildings. It specifies the minimum requirements for the design and maintenance of the drainage system of an aircraft fueling ramp to control the flow of fuel that can be spilled on a ramp and to minimize the resulting possible danger. In addition, it contains the minimum requirements for the design, construction, and fire protection of aircraft loading walkways between the terminal building and aircraft. 1.2

Purpose. The purpose of this standard is to provide a reasonable degree of protection for life and property from fire at airport terminal complexes.

Obtain an electronic copy from: www.nfpa.org/415next

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

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 423-202x, Standard for Construction and Protection of Aircraft Engine Test Facilities (revision of ANSI/NFPA 423-2022)

1.1 Scope. This standard establishes the minimum fire safety practices regarding location, construction, services, utilities, fire protection, operation, and maintenance of aircraft engine test facilities. These facilities include test cells and test stands. This standard does not apply to engines and engine accessories or to engine test facilities where fuels other than hydrocarbon fuels are used. 1.2 Purpose. The purpose of this standard is to provide aircraft engine test facilities with a reasonable degree of life safety and protection from fire, based on sound engineering principles, test data, and field experience.

Obtain an electronic copy from: www.nfpa.org/423next

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

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 455-202x, Guide for Emergency Medical Services and Systems and Community Health Care Programs (revision, redesignation and consolidation of ANSI/NFPA 450-2021 and ANSI/NFPA 451-2020)

1.1 Scope. This standard shall provide direction on the design of emergency medical services (EMS) systems including mobile integrated health care (MIH) programs. 1.2 Purpose. This standard shall provide a framework for the design and evaluation of a comprehensive EMS system that includes a comprehensive MIH program.

1.2.1 Determining specific policies, tactics, and protocols shall be the responsibility of the authority having jurisdiction (AHJ). 1.2.2 The EMS system shall comply with all applicable federal, provincial, state, tribal, and local laws and regulations. 1.3 Application. This document shall be applied as follows: Chapters 1 through 14 and Annexes A through F constitute NFPA 450; Chapters 1 through 3, Chapters 15 through 26, and Annexes A and F constitute NFPA 451.

Obtain an electronic copy from: www.nfpa.org/455next

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

Comment Deadline: December 30, 2024

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 520-202x, Standard on Subterranean Spaces (revision of ANSI/NFPA 520-2021)

1.1 Scope. This standard addresses the safeguarding of life and property against fire, explosion, and related hazards associated with developed subterranean spaces. This standard does not cover the following types of subterranean spaces: (1) Tourist caverns; (2) Wine storage caverns; (3) Gas and oil storage reservoirs; (4) Hazardous waste repositories; (5) Utility installations such as pump stations; (6) Working mines; (7) Transportation and pedestrian tunnels; (8) Aboveground buildings with belowground stories; and (9) Cut and cover underground structures specifically addressed in the building code. 1.2 Purpose. The purpose of this standard is to provide minimum requirements for the design, operation, and maintenance of developed subterranean spaces for safety to life and property from fire and similar hazards.

Obtain an electronic copy from: www.nfpa.org/520next

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

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 730-202x, Guide for Premises Security (revision of ANSI/NFPA 730-2023)

1.1 Scope. This guide describes construction, protection, occupancy features, and practices intended to reduce security vulnerabilities to life and property. NFPA 730 is referred to herein as “this guide” or “the guide.” This guide should not supersede government statutes or regulations. 1.2 Purpose. The purpose of this guide is to provide criteria for the selection of a security program to reduce security vulnerabilities.

Obtain an electronic copy from: www.nfpa.org/730next

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

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 731-202x, Standard for the Installation of Premises Security Systems (revision of ANSI/NFPA 731-2023)

1.1 Scope. This standard covers the application, location, installation, performance, testing, and maintenance of premises security systems and their components. 1.2 Purpose. 1.2.1 The purpose of this standard is to define the means of signal initiation, transmission, notification, and annunciation; the levels of performance; and the reliability of premises security systems. 1.2.2 This standard addresses the cybersecurity protection of equipment or systems covered by this standard. 1.2.3 This standard defines the features associated with these systems and also provides information necessary to modify or upgrade an existing system to meet the requirements of a particular application. 1.2.4 This standard establishes minimum required levels of performance, extent of redundancy, and quality of installation but does not establish the only methods by which these requirements are to be achieved. 1.2.5 This standard shall not be interpreted to require a level of premises security other than that required by the applicable codes and standards.

Obtain an electronic copy from: www.nfpa.org/731next

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

Comment Deadline: December 30, 2024

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 850-202x, Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations (revision of ANSI/NFPA 850-2020)

1.1 Scope. This document provides recommendations for fire prevention and fire protection for electric generating plants and high voltage direct current converter stations, except as follows: Advanced light water reactor electric generating plants are addressed in NFPA 804; nuclear power plants are addressed in NFPA 805; and fuel cells are addressed in NFPA 853. 1.2 Purpose. 1.2.1 This document is prepared for the guidance of those charged with the design, construction, operation, and protection of electric generating plants and high voltage direct current converter stations that are covered by the scope of this document. 1.2.2 This document provides fire hazard control recommendations for the safety of construction and operating personnel, the physical integrity of plant components, and the continuity of plant operations. Specific concerns are generalized and categorized as shown in 1.2.2.1 through 1.2.2.4.

Obtain an electronic copy from: www.nfpa.org/850next

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

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

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

1.1 Scope. This standard identifies the minimum job performance requirements (JPRs) for facilities fire and life safety director. 1.2 Purpose. The purpose of this standard is to specify the minimum JPRs for service as a facilities fire and life safety director. 1.2.1 This standard shall define the requisite skills and knowledge necessary for a facilities fire and life safety director. 1.2.2 The intent of this standard shall be to ensure that personnel serving as a facilities fire and life safety director are qualified. 1.2.3 This standard shall not address organization or management structure. 1.2.4 It is not the intent of this standard to restrict any jurisdiction from exceeding or combining these minimum requirements. 1.2.5 JPRs for each level and position are the tasks personnel shall be able to perform to carry out the job duties. 1.2.6 A facilities fire and life safety director shall remain current with the general knowledge and skills and JPRs addressed for each level or position of qualification.

Obtain an electronic copy from: www.nfpa.org/1082next

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

Comment Deadline: December 30, 2024

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 1750-202x, Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Providing Fire and Emergency Services to the Public (revision, redesignation and consolidation of ANSI/NFPA 1710-2020; ANSI/NFPA 1720-2020; ANSI/NFPA 1730-2019; and ANSI/NFPA 1201-2020)

1.1 Scope. This standard contains minimum requirements relating to the organization and deployment of fire suppression operations, emergency medical operations, and special operations to the public by career, and volunteer and combination fire departments; organization and deployment of fire prevention inspections and code enforcements, plan reviews, investigations, and public education operations; and contains requirements on the structure and operations of fire and emergency service organizations (FESOs).

Obtain an electronic copy from: www.nfpa.org/1750next

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

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 1857-202x, Standard on the Selection, Care, and Maintenance of Protective Ensembles for Technical Rescue Incidents and Wildland Firefighting (revision, redesignation and consolidation of ANSI/NFPA 1855-2018 and ANSI/NFPA 1877-2022)

1.1 Scope. This standard shall specify the following requirements: (1) The minimum selection, care, and maintenance requirements for utility technical rescue protective ensembles, rescue and recovery technical rescue protective ensembles, and the individual ensemble elements, including garments, helmets, gloves, footwear, and interface components that are compliant with NFPA 1950 (1951) or previous editions of NFPA 1951; (2) The minimum requirements used for selection, care, and maintenance of wildland firefighting protective clothing and equipment, including garments, helmets, gloves, footwear, face/neck shrouds, goggles, chain saw protection, and load-carrying equipment that are compliant with NFPA 1950 (1977) or previous editions of NFPA 1977; (3) Verification requirements of independent service providers (ISPs), manufacturers, and organizations for inspection, advanced cleaning, and repair services for technical rescue protective garments certified as compliant with NFPA 1950 (1951) or previous editions of NFPA 1951; (4) Optional verification requirements of independent service providers (ISPs), manufacturers, and organizations for inspection, advanced cleaning, and repair services for wildland fire fighting protective garments certified as compliant with NFPA 1950 (1977) or previous editions of NFPA 1977. This standard shall not apply to protective ensembles or protective clothing that are compliant with NFPA 1970 or NFPA 1990.

Obtain an electronic copy from: www.nfpa.org/1857next

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

Comment Deadline: December 30, 2024

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 2800-202x, Standard on Facility Emergency Action Plans (revision of ANSI/NFPA 2800-2023)

1.1 Scope. This standard shall establish minimum requirements for emergency action plans (EAPs) addressing all-hazard emergencies for occupied facilities with an occupant load greater than 500. 1.2 Purpose. The purpose of this standard shall be to provide requirements for the development of an EAP that will provide procedures for the protection of life for occupants of a facility during emergencies from hazards defined in a risk assessment.

Obtain an electronic copy from: www.nfpa.org/2800next

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

NSF (NSF International)

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

Revision

BSR/NSF 53-202x (i161r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2023)

The POU and POE systems addressed by this standard are designed to be used for the reduction of specific substances that may be present in drinking water (public or private) considered to be microbiologically safe and of known quality. Systems covered under this standard are intended to reduce substances that are considered established or potential health hazards.

Single copy price: Free

Obtain an electronic copy from: [HERE](#)

Send comments (copy psa@ansi.org) to: Monica Milla <mmilla@nsf.org>

ULSE (UL Standards & Engagement)

1603 Orrington Ave, Suite 2000, Evanston, IL 60201 | aaron.zheng@ul.org, <https://ulse.org/>

Reaffirmation

BSR/UL 62133-1-2020 (R202x), Standard for Safety for Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made from Them, for Use in Portable Applications - Part 1: Nickel Systems (reaffirm a national adoption ANSI/UL 62133-1-2020)

(1) Reaffirmation and continuance of the 1st Edition of the Standard for Safety for Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes – Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made from Them, for Use in Portable Applications – Part 1: Nickel Systems, UL 62133-1, as an American National Standard.

Single copy price: Free

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

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

Comment Deadline: December 30, 2024

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 746A-202X, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2024)

This proposal covers the inclusion of requirements for a new test method to measure resistivity of partially conductive polymeric materials in accordance with ASTM D4496 in a New Section 22A of UL 746A.

Single copy price: Free

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

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

Project Withdrawn

NEMA (ASC C78) (National Electrical Manufacturers Association)

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

BSR C78.389-2004 (R201x), High Intensity Discharge Lamps - Methods of Measuring Characteristics (reaffirmation of ANSI C78.389-1989 (R2009))

Send comments (copy psa@ansi.org) to: Michael Erbesfeld <Michael.Erbesfeld@nema.org>

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 (ASC C78) (National Electrical Manufacturers Association)

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

BSR C78.1501-2001 (R201x), Tungsten-halogen Lamps with G22 Bases & 63.5mm LCL (reaffirmation 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 C78.62035-2004 (R201x), Discharge Lamps (Excluding Fluorescent Lamps) - Safety Specifications (reaffirmation and redesignation of ANSI/IEC C78.62035-2004 (R2009))

Send comments (copy psa@ansi.org) to: Michael Erbesfeld <Michael.Erbesfeld@nema.org>

NENA (National Emergency Number Association)

1700 Diagonal Road Suite 500, Suite 500, Alexandria, VA 22314 | crm@nena.org, www.nena.org

BSR/NENA STA-043.1-202x, NENA NG9-1-1 Data Flow Standard (new standard)

Send comments (copy psa@ansi.org) to: Sandy Dyre <crm@nena.org>

Withdrawal of an ANS by ANSI-Accredited Standards Developer

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

CAGI (Compressed Air and Gas Institute)

1300 Sumner Avenue, Cleveland, OH 44115 | cagi@cagi.org, www.cagi.org/welcome.htm

ANSI/CAGI BL 300-2022, Performance Test Code for Electric Driven Low Pressure Air Compressor Packages (new standard)

Send comments (copy psa@ansi.org) to: Questions may be directed to: Leslie Schraff <cagi@cagi.org>

HL7 (Health Level Seven)

455 E. Eisenhower Parkway, Suite 300 #025, Ann Arbor, MI 48108 | Karenvan@HL7.org, www.hl7.org

ANSI/HL7 SAIF CANON, R2-2014 (R2019), HL7 Service-Aware Interoperability Framework: Canonical Definition Specification, Release 2 (reaffirmation of ANSI/HL7 SAIF CANON, R2-2014)

Send comments (copy psa@ansi.org) to: Questions may be directed to: Karen Van Hentenryck <Karenvan@HL7.org>

Final Actions on American National Standards

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

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

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

ANSI/ASHRAE/ICC/IES/USGBC Addendum a to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023) Final Action Date: 11/5/2024 | *Addenda*

ANSI/ASHRAE/ICC/IES/USGBC Addendum f to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023) Final Action Date: 11/5/2024 | *Addenda*

ANSI/ASHRAE/IES Addendum w to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 11/5/2024 | *Addenda*

ASME (American Society of Mechanical Engineers)

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

ANSI/ASME HST-5-2024, Performance Standard for Air Chain Hoists (revision of ANSI/ASME HST-5-2020) Final Action Date: 11/5/2024 | *Revision*

B11 (B11 Standards, Inc.)

179 Haw Creek Mews Dr. , Asheville, NC 28805 | cfelinski@b11standards.org, <https://www.b11standards.org/>

ANSI/B11.26-2024, Functional Safety: General Principles for Designing Safety-Related Parts of Control Systems (revision of ANSI B11.26-2018) Final Action Date: 11/6/2024 | *Revision*

IEEE (Institute of Electrical and Electronics Engineers)

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

ANSI/IEEE C37.238a-2024, Standard Profile for Use of IEEE 1588™ Precision Time Protocol in Power System Applications - Amendment 1: Adding a Type-Length-Value (TLV) to Indicate the Latest International Earth Rotation Service (IERS)-Specified Universal Time Coordinated (UTC) Leap Second Event (addenda to ANSI/IEEE C37.238-2017) Final Action Date: 11/5/2024 | *Addenda*

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

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

ANSI/IICRC S700-2024, Standard for Professional Fire and Smoke Damage Restoration (new standard) Final Action Date: 11/5/2024 | *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 502-2019 [R2024], Information technology - SCSI Primary Commands - 5 (SPC-5) (reaffirm a national adoption INCITS 502-2019) Final Action Date: 11/6/2024 | *Reaffirmation*

INCITS 534-2019 [R2024], Information technology - Serial Attached SCSI - 4 (SAS-4) (reaffirm a national adoption INCITS 534-2019) Final Action Date: 11/6/2024 | *Reaffirmation*

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 536-2016/AM1-2019 [R2024], Information technology - Zoned Block Commands - Amendment 1 (ZBC-AM 1) (reaffirm a national adoption INCITS 536-2016/AM 1-2019) Final Action Date: 11/6/2024 | *Reaffirmation*

INCITS 551-2019 [R2024], Information technology - SCSI RDMA Protocol - 2 (SRP-2) (reaffirm a national adoption INCITS 551-2019) Final Action Date: 11/6/2024 | *Reaffirmation*

INCITS/ISO/IEC 10918-4:1999 [R2024], Information technology - Digital compression and coding of continuous-tone still images: Registration of JPEG profiles, SPIFF profiles, SPIFF tags, SPIFF colour spaces, APPn markers, SPIFF compression types and Registration Authorities (reaffirm a national adoption INCITS/ISO/IEC 10918-4:1999 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 10918-3:1997/AM1:1999 [R2024], Information technology - Digital compression and coding of continuous-tone still images: Extensions - Amendment 1: Provisions to allow registration of new compression types and versions in the SPIFF header (reaffirm a national adoption INCITS/ISO/IEC 10918-3:1997/AM1:1999 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 13818-2:2013 [R2024], Information technology -- Generic coding of moving pictures and associated audio information: Video (reaffirm a national adoption INCITS/ISO/IEC 13818-2:2013 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 13818-4:2004 [R2024], Information Technology - Generic coding of moving pictures and associated audio information - Part 4: Conformance testing (reaffirm a national adoption INCITS/ISO/IEC 13818-4:2004 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 13818-7:2006 [R2024], Information technology - Generic coding of moving pictures and associated audio information - Part 7: Advance Audio Coding (AAC) (reaffirm a national adoption INCITS/ISO/IEC 13818-7:2006 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 13818-10:1999 [R2024], Information Technology - Generic coding of moving pictures and associated audio information - Part 10: Conformance extensions for Digital Storage Media Command and Control (DSM-CC) (reaffirm a national adoption INCITS/ISO/IEC 13818-10:1999 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 13818-4:2004/AM1:2005 [R2024], Information Technology - Generic Coding of Moving Pictures and Associated Audio Information - Part 4: Conformance Testing - Amendment 1: MPEG-2 IPMP conformance testing (reaffirm a national adoption INCITS/ISO/IEC 13818-4:2004/AM1:2005 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 13818-4:2004/AM2:2005 [R2024], Information technology - Generic coding of moving pictures and associated audio information - Part 4: Conformance testing - Amendment 2: Additional audio conformance test sequences (reaffirm a national adoption INCITS/ISO/IEC 13818-4:2004/AM2:2005 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 13818-6:1998/AM2:2000 [R2024], Information technology - Generic coding of moving pictures and associated audio information - Part 6: Extensions for DSM-CC - Amendment 2: Additions to support synchronized download services, opportunistic data services and resource announcement in broadcast and interactive services (reaffirm a national adoption INCITS/ISO/IEC 13818-6:1998/AM2:2000 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 13818-7:2006/AM1:2007 [R2024], Information technology - Generic coding of moving pictures and associated audio information - Part 7: Advanced Audio Coding (AAC) - Amendment 1: Transport of MPEG Surround in AAC (reaffirm a national adoption INCITS/ISO/IEC 13818-7:2006/AM1:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

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INCITS/ISO/IEC 14496-11:2015 [R2024], Information technology - Coding of audio-visual objects - Part 11: Scene description and application engine (reaffirm a national adoption INCITS/ISO/IEC 14496-11:2015 [2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-13:2004 [R2024], Information technology - Coding of audio-visual objects - Part 13: Intellectual Property Management and Protection (IPMP) extensions (reaffirm a national adoption INCITS/ISO/IEC 14496-13:2004 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-16:2011 [R2024], Information technology - Coding of audio-visual objects - Part 16: Animation Framework eXtension (AFX) (reaffirm a national adoption INCITS/ISO/IEC 14496-16:2011 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-17:2006 [R2024], Information technology - Coding of audio-visual objects - Part 17: Streaming text format (reaffirm a national adoption INCITS/ISO/IEC 14496-17:2006 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-18:2004 [R2024], Information technology - Coding of audio-visual objects - Part 18: Font compression and streaming (reaffirm a national adoption INCITS/ISO/IEC 14496-18:2004 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-19:2004 [R2024], Information technology - Coding of audio-visual objects - Part 19: Synthesized texture stream (reaffirm a national adoption INCITS/ISO/IEC 14496-19:2004 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-21:2006 [R2024], Information technology - Coding of audio-visual objects - Part 21: MPEG-J Graphics Framework eXtensions (GFX) (reaffirm a national adoption INCITS/ISO/IEC 14496-21:2006 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-22:2019 [R2024], Information technology - Coding of audio-visual objects - Part 22: Open Font Format (reaffirm a national adoption INCITS/ISO/IEC 14496-22:2019 [2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-23:2008 [R2024], Information technology - Coding of audio-visual objects - Part 23: Symbolic Music Representation (reaffirm a national adoption INCITS/ISO/IEC 14496-23:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-25:2011 [R2024], Information technology - Coding of audio-visual objects - Part 25: 3D Graphics Compression Model (reaffirm a national adoption INCITS/ISO/IEC 14496-25:2011 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-2:2004/AM1:2004 [R2024], Information Technology - Coding of Audio-Visual Objects - Part 2: Visual - Amendment 1: Error resilient simple scalable profile (reaffirm a national adoption INCITS/ISO/IEC 14496-2:2004/AM1:2004 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-2:2004/AM2:2005 [R2024], Information Technology - Coding of Audio-Visual Objects - Part 2: Visual - Amendment 2: New Levels for Simple Profile (reaffirm a national adoption INCITS/ISO/IEC 14496-2:2004/AM2:2005 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-2:2004/AM3:2007 [R2024], Information technology - Coding of audio-visual objects - Part 2: Visual - Amendment 3: Support for colour spaces (reaffirm a national adoption INCITS/ISO/IEC 14496-2:2004/AM3:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

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INCITS/ISO/IEC 14496-2:2004/AM4:2008 [R2024], Information technology - Coding of audio-visual objects - Part 2: Visual - Amendment 4: Simple profile level 6 (reaffirm a national adoption INCITS/ISO/IEC 14496-2:2004/AM4:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-4:2004/AM1:2005 [R2024], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 1: Conformance testing for MPEG-4 (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM1:2005 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-4:2004/AM2:2005 [R2024], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 2: MPEG-4 conformance extensions for XMT and media nodes (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM2:2005 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-4:2004/AM3:2005 [R2024], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 3: Visual new levels and tools (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM3:2005 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-4:2004/AM4:2005 [R2024], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 4: IPMPX conformance extensions (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM4:2005 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-4:2004/AM5:2005 [R2024], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 5: Conformance extensions for error-resilient simple scalable profile (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM5:2005 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-4:2004/AM6:2005 [R2024], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 6: Advanced Video Coding conformance (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM6:2005 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-4:2004/AM7:2005 [R2024], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 7: AFX conformance extensions (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM7:2005 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-4:2004/AM9:2006 [R2024], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 9: AVC fidelity range extensions conformance (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM9:2006 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-5:2001/AM4:2004 [R2024], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 4: IPMPX reference software extensions (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM4:2004 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-5:2001/AM5:2004 [R2024], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 5: Reference software extensions for error resilient simple scalable profile (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM5:2004 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-5:2001/AM6:2005 [R2024], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 6: Advanced Video Coding (AVC) and High Efficiency Advanced Audio Coding (HE AAC) reference software (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM6:2005 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-5:2001/AM7:2005 [R2024], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 7: AFX reference software extensions (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM7:2005 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

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INCITS/ISO/IEC 14496-5:2001/AM8:2006 [R2024], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 8: AVC fidelity range extensions reference software (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM8:2006 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-5:2001/AM9:2007 [R2024], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 9: Morphing & Textures reference software (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM9:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-4:2004/AM17:2007 [R2024], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 17: Advanced text and 2D graphics conformance (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM17:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-4:2004/AM23:2008 [R2024], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 23: Synthesized texture conformance (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM23:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-4:2004/AM24:2008 [R2024], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 24: File format conformance (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM24:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-4:2004/AM25:2008 [R2024], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 25: LAsER and SAF conformance (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM25:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-4:2004/AM26:2008 [R2024], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 26: Conformance levels and bitstreams for Open Font Format (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM26:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-4:2004/AM27:2008 [R2024], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 27: LAsER and SAF extensions conformance (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM27:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-4:2004/AM28:2008 [R2024], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 28: Conformance extensions for simple profile level 6 (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM28:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-4:2004/AM29:2008 [R2024], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 29: Symbolic Music Representation conformance (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM29:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-5:2001/AM10:2007 [R2024], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 10: SSC, DST, ALS and SLS reference software (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM10:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-5:2001/AM11:2007 [R2024], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 11: MPEG-J GFX Reference software (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM11:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-5:2001/AM12:2007 [R2024], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 12: Updated file format reference software (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM12:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

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INCITS/ISO/IEC 14496-5:2001/AM13:2008 [R2024], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 13: Geometry and shadow reference software (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM13:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 14496-5:2001/AM16:2008 [R2024], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 16: Symbolic Music Representation reference software (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM16:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 15444-6:2013 [R2024], Information technology - JPEG 2000 image coding system - Part 6: Compound image file format (reaffirm a national adoption INCITS/ISO/IEC 15444-6:2013 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 15444-11:2007 [R2024], Information technology - JPEG 2000 image coding system: Wireless (reaffirm a national adoption INCITS/ISO/IEC 15444-11:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 15444-13:2008 [R2024], Information technology - JPEG 2000 image coding system: An entry level JPEG 2000 encoder (reaffirm a national adoption INCITS/ISO/IEC 15444-13:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 15938-9:2005 [R2024], Information technology - Multimedia content description interface - Part 9: Profiles and levels (reaffirm a national adoption INCITS/ISO/IEC 15938-9:2005 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 15938-10:2005 [R2024], Information technology - Multimedia content description Interface - Part 10: Schema definition (reaffirm a national adoption INCITS/ISO/IEC 15938-10:2005 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 15938-1:2002/AM1:2005 [R2024], Information technology - Multimedia content description interface - Part 1: Systems - Amendment 1: Systems extensions (reaffirm a national adoption INCITS/ISO/IEC 15938-1:2002/AM1:2005 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 15938-1:2002/AM2:2006 [R2024], Information technology - Multimedia content description interface - Part 1: Systems - Amendment 2: Fast access extension (reaffirm a national adoption INCITS/ISO/IEC 15938-1:2002/AM2:2006 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 15938-3:2002/AM1:2004 [R2024], Information technology - Multimedia content description interface - Part 3: Visual - Amendment 1: Visual extensions (reaffirm a national adoption INCITS/ISO/IEC 15938-3:2002/AM1:2004 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 15938-3:2002/AM2:2006 [R2024], Information technology - Multimedia content description interface - Part 3: Visual - Amendment 2: Perceptual 3D Shape Descriptor (reaffirm a national adoption INCITS/ISO/IEC 15938-3:2002/AM2:2006 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 15938-4:2002/AM1:2004 [R2024], Information technology - Multimedia content description interface - Part 4: Audio - Amendment 1: Audio extensions (reaffirm a national adoption INCITS/ISO/IEC 15938-4:2002/AM1:2004 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 15938-4:2002/AM2:2006 [R2024], Information technology - Multimedia content description interface - Part 4: Audio - Amendment 2: High-level descriptors (reaffirm a national adoption INCITS/ISO/IEC 15938-4:2002/AM2:2006 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 15938-5:2003/AM1:2004 [R2024], Information technology - Multimedia content description interface - Part 5: Multimedia description schemes - Amendment 1: Multimedia description schemes extensions (reaffirm a national adoption INCITS/ISO/IEC 15938-5:2003/AM1:2004 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

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INCITS/ISO/IEC 15938-5:2003/AM2:2005 [R2024], Information technology - Multimedia content description interface - Part 5: Multimedia description schemes - Amendment 2: Multimedia description schemes user preference extensions (reaffirm a national adoption INCITS/ISO/IEC 15938-5:2003/AM2:2005 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 15938-5:2003/AM3:2008 [R2024], Information technology - Multimedia content description interface - Part 5: Multimedia description schemes - Amendment 3: Improvements to geographic descriptor (reaffirm a national adoption INCITS/ISO/IEC 15938-5:2003/AM3:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 15938-7:2003/AM1:2005 [R2024], Information technology - Multimedia content description interface - Part 7: Conformance testing - Amendment 1: Conformance extensions (reaffirm a national adoption INCITS/ISO/IEC 15938-7:2003/AM1:2005 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 15938-7:2003/AM2:2007 [R2024], Information technology - Multimedia content description interface - Part 7: Conformance testing - Amendment 2: Fast access extensions conformance (reaffirm a national adoption INCITS/ISO/IEC 15938-7:2003/AM2:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 15938-7:2003/AM3:2007 [R2024], Information technology - Multimedia content description interface - Part 7: Conformance testing - Amendment 3: Conformance testing of perceptual 3D shape descriptor (reaffirm a national adoption INCITS/ISO/IEC 15938-7:2003/AM3:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 15938-7:2003/AM4:2008 [R2024], Information technology - Multimedia content description interface - Part 7: Conformance testing - Amendment 4: Improvements to geographic descriptor conformance (reaffirm a national adoption INCITS/ISO/IEC 15938-7:2003/AM4:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 21000-4:2006 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 4: Intellectual Property Management and Protection Components (reaffirm a national adoption INCITS/ISO/IEC 21000-4:2006 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 21000-5:2004 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 5: Rights Expression Language (reaffirm a national adoption INCITS/ISO/IEC 21000-5:2004 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 21000-6:2004 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 6: Rights Data Dictionary (reaffirm a national adoption INCITS/ISO/IEC 21000-6:2004 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 21000-8:2008 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 8: Reference software (reaffirm a national adoption INCITS/ISO/IEC 21000-8:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 21000-9:2005 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 9: File Format (reaffirm a national adoption INCITS/ISO/IEC 21000-9:2005 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 21000-10:2006 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 10: Digital Item Processing (reaffirm a national adoption INCITS/ISO/IEC 21000-10:2006 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 21000-14:2007 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 14: Conformance Testing (reaffirm a national adoption INCITS/ISO/IEC 21000-14:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

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 21000-15:2006 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 15: Event Reporting (reaffirm a national adoption INCITS/ISO/IEC 21000-15:2006 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 21000-16:2005 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 16: Binary Format (reaffirm a national adoption INCITS/ISO/IEC 21000-16:2005 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 21000-17:2006 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 17: Fragment Identification of MPEG Resources (reaffirm a national adoption INCITS/ISO/IEC 21000-17:2006 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 21000-18:2007 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 18: Digital Item Streaming (reaffirm a national adoption INCITS/ISO/IEC 21000-18:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 21000-3:2003/AM1:2007 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 3: Digital Item Identification - Amendment 1: Related identifier types (reaffirm a national adoption INCITS/ISO/IEC 21000-3:2003/AM1:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 21000-4:2006/AM1:2007 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 4: Intellectual Property Management and Protection Components - Amendment 1: IPMP components base profile (reaffirm a national adoption INCITS/ISO/IEC 21000-4:2006/AM1:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 21000-5:2004/AM1:2007 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 5: Rights Expression Language - Amendment 1: MAM (Mobile And optical Media) profile (reaffirm a national adoption INCITS/ISO/IEC 21000-5:2004/AM1:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 21000-5:2004/AM2:2007 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 5: Rights Expression Language - Amendment 2: DAC (Dissemination And Capture) profile (reaffirm a national adoption INCITS/ISO/IEC 21000-5:2004/AM2:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 21000-5:2004/AM3:2008 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 5: Rights Expression Language - Amendment 3: Open access content (OAC) profile (reaffirm a national adoption INCITS/ISO/IEC 21000-5:2004/AM3:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 21000-6:2004/AM1:2006 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 6: Rights Data Dictionary - Amendment 1: Digital Item Identifier relationship types (reaffirm a national adoption INCITS/ISO/IEC 21000-6:2004/AM1:2006 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 21000-9:2005/AM1:2008 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 9: File Format - Amendment 1: MIME type registration (reaffirm a national adoption INCITS/ISO/IEC 21000-9:2005/AM1:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 21000-10:2006/AM1:2006 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 10: Digital Item Processing - Amendment 1: Additional C++ bindings (reaffirm a national adoption INCITS/ISO/IEC 21000-10:2006/AM1:2006 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 21000-15:2006/AM1:2008 [R2024], Information technology - Multimedia framework (MPEG-21) - Part 15: Event Reporting - Amendment 1: Security in Event Reporting (reaffirm a national adoption INCITS/ISO/IEC 21000-15:2006/AM1:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

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INCITS/ISO/IEC 23000-2:2008 [R2024], Information technology - Multimedia application format (MPEG-A) - Part 2: MPEG music player application format (reaffirm a national adoption INCITS/ISO/IEC 23000-2:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23000-3:2007 [R2024], Information technology - Multimedia application format (MPEG-A) - Part 3: MPEG photo player application format (reaffirm a national adoption INCITS/ISO/IEC 23000-3:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23000-5:2011 [R2024], Information technology - Multimedia application format (MPEG-A) - Part 5: Media streaming application format (reaffirm a national adoption INCITS/ISO/IEC 23000-5:2011 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23000-7:2008 [R2024], Information technology - Multimedia application format (MPEG-A) - Part 7: Open access application format (reaffirm a national adoption INCITS/ISO/IEC 23000-7:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23000-9:2008 [R2024], Information technology - Multimedia application format (MPEG-A) - Part 9: Digital Multimedia Broadcasting application format (reaffirm a national adoption INCITS/ISO/IEC 23000-9:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23001-1:2006 [R2024], Information technology - MPEG systems technologies - Part 1: Binary MPEG format for XML (reaffirm a national adoption INCITS/ISO/IEC 23001-1:2006 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23001-2:2008 [R2024], Information technology - MPEG systems technologies - Part 2: Fragment request units (reaffirm a national adoption INCITS/ISO/IEC 23001-2:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23001-3:2008 [R2024], Information technology - MPEG systems technologies - Part 3: XML IPMP messages (reaffirm a national adoption INCITS/ISO/IEC 23001-3:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23001-5:2008 [R2024], Information technology - MPEG systems technologies - Part 5: Bitstream Syntax Description Language (BSDL) (reaffirm a national adoption INCITS/ISO/IEC 23001-5:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23001-1:2006/AM1:2007 [R2024], Information technology - MPEG systems technologies - Part 1: Binary MPEG format for XML - Amendment 1: Conformance and reference software (reaffirm a national adoption INCITS/ISO/IEC 23001-1:2006/AM1:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23001-1:2006/AM2:2008 [R2024], Information technology - MPEG systems technologies - Part 1: Binary MPEG format for XML - Amendment 2: Conservation of prefixes and extensions on encoding of wild cards (reaffirm a national adoption INCITS/ISO/IEC 23001-1:2006/AM2:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23002-1:2006 [R2024], Information technology - MPEG video technologies - Part 1: Accuracy requirements for implementation of integer-output 8x8 inverse discrete cosine transform (reaffirm a national adoption INCITS/ISO/IEC 23002-1:2006 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23002-2:2008 [R2024], Information technology - MPEG video technologies - Part 2: Fixed-point 8x8 inverse discrete cosine transform and discrete cosine transform (reaffirm a national adoption INCITS/ISO/IEC 23002-2:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

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INCITS/ISO/IEC 23002-3:2007 [R2024], Information technology - MPEG video technologies - Part 3: Representation of auxiliary video and supplemental information (reaffirm a national adoption INCITS/ISO/IEC 23002-3:2007 [R2019])

Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23002-1:2006/AM1:2008 [R2024], Information technology - MPEG video technologies - Part 1: Accuracy requirements for implementation of integer-output 8x8 inverse discrete cosine transform - Amendment 1: Software for integer IDCT accuracy testing (reaffirm a national adoption INCITS/ISO/IEC 23002-1:2006/AM1:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23003-1:2007 [R2024], Information technology - MPEG audio technologies - Part 1: MPEG Surround (reaffirm a national adoption INCITS/ISO/IEC 23003-1:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23003-1:2007/AM1:2008 [R2024], Information technology - MPEG audio technologies - Part 1: MPEG Surround - Amendment 1: Conformance testing (reaffirm a national adoption INCITS/ISO/IEC 23003-1:2007/AM1:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23003-1:2007/AM2:2008 [R2024], Information technology - MPEG audio technologies - Part 1: MPEG Surround - Amendment 2: Reference software (reaffirm a national adoption INCITS/ISO/IEC 23003-1:2007/AM2:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23004-1:2007 [R2024], Information technology - Multimedia Middleware - Part 1: Architecture (reaffirm a national adoption INCITS/ISO/IEC 23004-1:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23004-2:2007 [R2024], Information technology - Multimedia Middleware - Part 2: Multimedia application programming interface (API) (reaffirm a national adoption INCITS/ISO/IEC 23004-2:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23004-3:2007 [R2024], Information technology - Multimedia Middleware - Part 3: Component model (reaffirm a national adoption INCITS/ISO/IEC 23004-3:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23004-4:2007 [R2024], Information technology - Multimedia Middleware - Part 4: Resource and quality management (reaffirm a national adoption INCITS/ISO/IEC 23004-4:2007 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23004-5:2008 [R2024], Information technology - Multimedia Middleware - Part 5: Component download (reaffirm a national adoption INCITS/ISO/IEC 23004-5:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23004-6:2008 [R2024], Information technology - Multimedia Middleware - Part 6: Fault management (reaffirm a national adoption INCITS/ISO/IEC 23004-6:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 23004-7:2008 [R2024], Information technology - Multimedia Middleware - Part 7: System integrity management (reaffirm a national adoption INCITS/ISO/IEC 23004-7:2008 [R2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 29182-1:2013 [R2024], Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 1: General overview and requirements (reaffirm a national adoption INCITS/ISO/IEC 29182-1:2013 [R2019]) Final Action Date: 11/6/2024 | *Reaffirmation*

INCITS/ISO/IEC 29182-2:2013 [R2024], Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 2: Vocabulary and terminology (reaffirm a national adoption INCITS/ISO/IEC 29182-2:2013 [R2019]) Final Action Date: 11/6/2024 | *Reaffirmation*

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

INCITS/ISO/IEC 29182-3:2014 [R2024], Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 3: Reference architecture views (reaffirm a national adoption INCITS/ISO/IEC 29182-3:2014 [R2019]) Final Action Date: 11/6/2024 | *Reaffirmation*

INCITS/ISO/IEC 29182-4:2013 [R2024], Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 4: Entity models (reaffirm a national adoption INCITS/ISO/IEC 29182-4:2013 [R2019]) Final Action Date: 11/6/2024 | *Reaffirmation*

INCITS/ISO/IEC 29182-5:2013 [R2024], Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 5: Interface definitions (reaffirm a national adoption INCITS/ISO/IEC 29182-5:2013 [R2019]) Final Action Date: 11/6/2024 | *Reaffirmation*

INCITS/ISO/IEC 29182-6:2014 [R2024], Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 6: Applications (reaffirm a national adoption INCITS/ISO/IEC 29182-6:2014 [R2019]) Final Action Date: 11/6/2024 | *Reaffirmation*

INCITS/ISO/IEC 14492:2019 [R2024], Information technology - Lossy/lossless coding of bi-level images (reaffirm a national adoption INCITS/ISO/IEC 14492:2019 [2019]) Final Action Date: 11/5/2024 | *Reaffirmation*

INCITS/ISO/IEC 20005:2013 [R2024], Information technology - Sensor networks - Services and interfaces supporting collaborative information processing in intelligent sensor networks (reaffirm a national adoption INCITS/ISO/IEC 20005:2013 [R2019]) Final Action Date: 11/6/2024 | *Reaffirmation*

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

ANSI ICEA S-115-730-2024, Standard for Multi-Dwelling Unit (MDU) Optical Fiber Cable (revision of ANSI ICEA S-115-730-2018) Final Action Date: 11/5/2024 | *Revision*

NSF (NSF International)

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

ANSI/NSF 173-2024 (i111r1), Dietary Supplements (revision of ANSI/NSF 173-2024) Final Action Date: 11/5/2024 | *Revision*

OPEI (Outdoor Power Equipment Institute)

1605 King Street, Alexandria, VA 22314 | gknott@opei.org, www.opei.org

ANSI/OPEI B71.10-2024, Off-Road Ground-Supported Outdoor Power Equipment - Gasoline Fuel Systems - Performance Specifications and Test Procedures (revision of ANSI/OPEI B71.10-2018) Final Action Date: 11/4/2024 | *Revision*

SDI (Steel Deck Institute)

1731 NW 6th Street, Suite D, Gainesville, FL 32609 | tsputo50@gmail.com, www.sdi.org

ANSI/SDI AISI S920-2024, Test Standard for Screw Penetration Through Gypsum Board Into Nonstructural Cold-Formed Steel Framing Members (new standard) Final Action Date: 11/4/2024 | *New Standard*

ANSI/SDI AISI S100-2024, North American Specification for the Design of Cold-Formed Steel Structural Members (revision of ANSI/AISI S100-2016 (R2020)/S3-2022) Final Action Date: 11/4/2024 | *Revision*

ANSI/SDI AISI S902-2024, Test Standard for Determining the Effective Area of Cold-Formed Steel Compression Members (revision of ANSI/AISI S902-2017) Final Action Date: 11/4/2024 | *Revision*

SDI (Steel Deck Institute)

1731 NW 6th Street, Suite D, Gainesville, FL 32609 | tsputo50@gmail.com, www.sdi.org

ANSI/SDI AISI S905-2024, Test Standard for Determining the Strength and Deformation Characteristics of Cold-Formed Steel Connections (revision of ANSI/AISI S905-2017) Final Action Date: 11/4/2024 | *Revision*

ANSI/SDI AISI S912-2024, Test Standard for Determining the Strength of a Roof Panel-to-Purlin-to-Anchorage Device Connection (revision of ANSI/AISI S912-2017) Final Action Date: 11/4/2024 | *Revision*

ANSI/SDI AISI S923-2024, Test Standard for Determining the Strength and Stiffness of Shear Connection in Composite Members (revision of ANSI/AISI S923-2020) Final Action Date: 11/4/2024 | *Revision*

TAPPI (Technical Association of the Pulp and Paper Industry)

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

ANSI/TAPPI T 827 om-2024, Box blank dimensioning (new standard) Final Action Date: 11/4/2024 | *New Standard*

ANSI/TAPPI T 441 om-2020 (R2024), Water absorptiveness of sized (non-bibulous) paper, paperboard, and corrugated fiberboard (Cobb test) (reaffirmation of ANSI/TAPPI T 441 om-2020) Final Action Date: 11/5/2024 | *Reaffirmation*

ANSI/TAPPI T 804 om-2020 (R2024), Compression test of fiberboard shipping containers (reaffirmation of ANSI/TAPPI T 804 om-2020) Final Action Date: 11/6/2024 | *Reaffirmation*

ULSE (UL Standards & Engagement)

1603 Orrington Ave, Evanston, IL 60210 | alan.t.mcgrath@ul.org, <https://ulse.org/>

ANSI/UL 60730-1-2024, Automatic Electrical Controls - Part 1: General Requirements (national adoption of IEC 60730-1 with modifications and revision of ANSI/UL 60730-1-2021) Final Action Date: 10/31/2024 | *National Adoption*

ANSI/UL 1332-2020 (R2024), Standard for Safety for Organic Coatings for Steel Enclosures for Outdoor Use Electrical Equipment (reaffirmation of ANSI/UL 1332-2020) Final Action Date: 11/8/2024 | *Reaffirmation*

ANSI/UL 2565-2019 (R2024), UL Standard for Safety for Industrial Metalworking and Woodworking Machine Tools (reaffirmation of ANSI/UL 2565-2019) Final Action Date: 11/7/2024 | *Reaffirmation*

ANSI/UL 244B-2024, Standard for Field Installed and/or Field Connected Appliance Controls (revision of ANSI/UL 244B-2023) Final Action Date: 11/6/2024 | *Revision*

ANSI/UL 618-2024, Standard for Concrete Masonry Units (revision of ANSI/UL 618-2010 (R2020)) Final Action Date: 11/4/2024 | *Revision*

ANSI/UL 1247-2024, Standard for Safety for Diesel Engines for Driving Stationary Fire Pumps (revision of ANSI/UL 1247-2023) Final Action Date: 11/6/2024 | *Revision*

ANSI/UL 12402-5-2024, Standard for Personal Flotation Devices - Part 5: Buoyancy Aids (Level 50) - Safety Requirements (revision of ANSI/UL 12402-5-2023) Final Action Date: 11/8/2024 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

SCTE is currently seeking to broaden the membership base of its ANSI 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

SFIA - Steel Framing Industry Association

Please respond by November 29, 2024

SFIA, a relatively new ANSI-accredited SDO, will be the body responsible for the development of the cold-formed steel framing standards previously promulgated by the American Iron and Steel Institute (AISI).

SFIA is actively seeking participation in the following standards development work:

- AISI S202, Code of Standard Practice for Cold-Formed Steel Structural Framing
- AISI S220, North American Standard for Cold-Formed Steel Nonstructural Framing
- AISI S230, Standard for Cold-Formed Steel Framing – Prescriptive Method for One- and Two-Family Dwellings
- AISI S240, North American Standard for Cold-Formed Steel Structural Framing
- AISI S250, North American Standard for Thermal Transmittance of Building Envelopes with Cold-Formed Steel Framing
- AISI S400, North American Standard for Seismic Design of Cold-Formed Steel Structural Systems
- AISI S9XX, a suite of eleven (11) test standards for Cold-Formed Steel Framing

SFIA is actively seeking participation for each of the above standards in each the following interest categories:

- *Producer* - An individual employed by or otherwise representing an organization that produces or supplies Cold-Formed Steel Framing or Cold-Formed Steel Framing accessories.
- *User* - An individual employed by or otherwise representing an organization that purchases, uses, or specifies Cold-Formed Steel Framing or Cold-Formed Steel Framing accessories. This category includes, but is not limited to, design engineers, architects, representatives of government agencies that purchase or specify Cold-Formed Steel Framing, owners, builders, fabricators, installers, or distributors.
- *General Interest* - General Interest members are neither Producers nor Users. This category includes, but is not limited to, educators, researchers, representatives of regulatory agencies, software developers, technical or professional societies, and manufacturers of related products.

To apply or obtain additional information please contact Meredith Perez at meredith@steelframing.org by November 29, 2024. For more information, see www.steelframing.org.

AAMI (Association for the Advancement of Medical Instrumentation)

901 North Glebe Road, Suite 300, Arlington, VA 22203 | rporter@aami.org, www.aami.org

BSR/AAMI HE75-202x, Human factors engineering - Design of medical devices (revision of ANSI/AAMI HE75-2009 (R2018))

AAMI (Association for the Advancement of Medical Instrumentation)

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

BSR/AAMI ST65 (R202x), Processing of reusable surgical textiles for use in health care facilities (reaffirmation of ANSI/AAMI ST65-2008 (R2018))

AAMI (Association for the Advancement of Medical Instrumentation)

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

BSR/AAMI/ISO 15882 (R202x), Sterilization of health care products - Chemical indicators - Guidance for selection, use and interpretation of results (reaffirm a national adoption ANSI/AAMI/ISO 15882-2008 (R2013))

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201 | jyeh2@ahrinet.org, www.ahrinet.org

BSR/AHRI Standard 1350-202x (SI/I-P), Mechanical Performance Rating of Central Station Air-handling Unit Casings (revision, redesignation and consolidation of ANSI/AHRI Standard 1350 (I-P)-2014 and ANSI/AHRI Standard 1351 (SI)-2015)

ASA (ASC S12) (Acoustical Society of America)

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

BSR/ASA S12.23-1989 (R202x), Method for the Designation of Sound Power Emitted by Machinery and Equipment (reaffirmation of ANSI/ASA S12.23-1989 (R2020))

ASA (ASC S12) (Acoustical Society of America)

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

BSR/ASA S12.43-1997 (R202x), Methods for Measurement of Sound Emitted by Machinery and Equipment at Workstations and Other Specified Positions (reaffirmation of ANSI/ASA S12.43-1997 (R2020))

ASA (ASC S12) (Acoustical Society of America)

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

BSR/ASA S12.44-1997 (R202x), Methods for Calculation of Sound Emitted by Machinery and Equipment at Workstations and Other Specified Positions from Sound Power Level (reaffirmation of ANSI/ASA S12.44-1997 (R2020))

ASA (ASC S2) (Acoustical Society of America)

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

BSR/ASA S2.20-1983 (R202x), Estimating Air Blast Characteristics for Single Point Explosions in Air, with a Guide to Evaluation of Atmospheric Propagation and Effects (reaffirmation of ANSI/ASA S2.20-1983 (R2020))

ASA (ASC S2) (Acoustical Society of America)

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

BSR/ASA S2.21-1998 (R202x), Method for Preparation of a Standard Material for Dynamic Mechanical Measurements (reaffirmation of ANSI/ASA S2.21-1998 (R2020))

ASA (ASC S2) (Acoustical Society of America)

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

BSR/ASA S2.22-1998 (R202x), Resonance Method for Measuring the Dynamic Mechanical Properties of Viscoelastic Materials (reaffirmation of ANSI/ASA S2.22-1998 (R2020))

ASA (ASC S2) (Acoustical Society of America)

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

BSR/ASA S2.23-1998 (R202x), Single Cantilever Beam Method for Measuring the Dynamic Mechanical Properties of Viscoelastic Materials (reaffirmation of ANSI/ASA S2.23-1998 (R2020))

ASA (ASC S2) (Acoustical Society of America)

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

BSR/ASA S2.24-2001 (R202x), Graphical Presentation of the Complex Modulus of Viscoelastic Materials (reaffirmation of ANSI/ASA S2.24-2001 (R2020))

ASA (ASC S3) (Acoustical Society of America)

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

BSR/ASA S3.39-1987 (R202x), Specifications for Instruments to Measure Aural Acoustic Impedance and Admittance (Aural Acoustic Immittance) (reaffirmation of ANSI/ASA S3.39-1987 (R2020))

ASA (ASC S3) (Acoustical Society of America)

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

BSR/ASA S3.41-2015 (R202x), Audible Emergency Evacuation (E2) and Evacuation Signals with Relocation Instructions (ESRI) (reaffirmation of ANSI/ASA S3.41-2015 (R2020))

ASA (ASC S3) (Acoustical Society of America)

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

BSR/ASA S3.42-1992/Part 1 (R202x), Testing Hearing Aids with a Broad-Band Noise Signal (reaffirmation of ANSI/ASA S3.42-1992/Part 1 (R2020))

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

BSR X9.112-2-202X, Wireless Management and Security - Part 2: POS and ATM (revision of ANSI X9.112-2-2020)

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

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

BSR/ASSP A10.1-203X, Pre-Project & Pre-Task Safety and Health Planning (revision and redesignation of ANSI/ASSP A10.1-2024)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0600307-2024-202x, Fire Resistance Criteria - Ignitability Requirements for Equipment Assemblies, Ancillary Non-Metallic Apparatus, and Fire Spread Requirements for Wire and Cable (revision of ANSI/ATIS 0600307-2018 (R2023))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0600329-2024-202x, Network Equipment - Earthquake Resistance (revision of ANSI ATIS 0600329-2014 (R2019))

AWS (American Welding Society)

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

BSR/AWS D1.1/D1.1M-202x, Structural Welding Code - Steel (revision of ANSI/AWS D1.1/D1.1M-2020)

BOMA (Building Owners and Managers Association)

1101 15th Street, NW, Suite 800, Washington, DC 20005 | klor@boma.org, www.boma.org

BSR/BOMA Z65.2-202x, BOMA 2025 for Industrial Buildings Standard Method of Measurement (revision of ANSI/BOMA Z65.2-2019)

ESTA (Entertainment Services and Technology Association)

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

BSR/ES1.5-202x, Event Safety - Medical Preparedness (new standard)

Interest Categories: The Event Safety Working Group seeks members in the following interest categories: Dealer or rental company; Equipment provider; Event worker; Insurance company; Performing artist. Interested parties may contact standards@esta.org for additional information. Thank you.

ESTA (Entertainment Services and Technology Association)

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

BSR/ES1.17-202x, Event Safety - Electrical safety and lighting (new standard)

Interest Categories: The Event Safety Working Group seeks members in the following interest categories: Dealer or rental company; Equipment provider; Event worker; Insurance company; Performing artist. Interested parties may contact standards@esta.org for additional information. Thank you.

ESTA (Entertainment Services and Technology Association)

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

BSR/ES1.42-202x, Parade Safety (new standard)

Interest Categories: The Event Safety Working Group seeks members in the following interest categories: Dealer or rental company; Equipment provider; Event worker; Insurance company; Performing artist. Interested parties may contact standards@esta.org for additional information. Thank you.

ESTA (Entertainment Services and Technology Association)

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

BSR/ES1.43-202x, Event Safety - Material Handling (new standard)

Interest Categories: The Event Safety Working Group seeks members in the following interest categories: Dealer or rental company; Equipment provider; Event worker; Insurance company; Performing artist. Interested parties may contact standards@esta.org for additional information. Thank you.

ESTA (Entertainment Services and Technology Association)

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

BSR/E1.53-202x, Overhead mounting of luminaires, lighting accessories, and other portable devices: specification and practice (revision of ANSI/E1.53-2019)

Interest Categories: The Electrical Power Working Group seeks new members in the following interest categories: Custom producer; Designer; Dealer or rental company; General interest. Interested parties please contact standards@esta.org for additional information. Thank you.

ESTA (Entertainment Services and Technology Association)

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

BSR E1.17-2015 (R202x), Architecture for Control Networks (reaffirmation of ANSI E1.17-2015)

Interest Categories: The Control Protocol Working Group seeks members in the following interest categories: Custom-market producer; Designer; Dealer or rental company; General interest. Interested parties may contact standards@esta.org for additional information. Thank you.

NSF (NSF International)

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

BSR/NSF 53-202x (i161r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2023)

PHTA (Pool and Hot Tub Alliance)

1650 King Street, Suite 602, Alexandria, VA 22314 | bpavlik@phta.org, www.PHTA.org

BSR/PHTA/ICC-5-202x, Standard for Residential Inground Swimming Pools (revision and redesignation of ANSI/APSP/ICC-5 2011 (R2022))

TIA (Telecommunications Industry Association)

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

BSR/TIA 623.1-202x, SM Non-angled Cylindrical Ferrules (identical national adoption of IEC 61755-3-1:2024 Ed2)

TIA (Telecommunications Industry Association)

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

BSR/TIA 623.2-202x, SM Angled Cylindrical Ferrules (identical national adoption of IEC 61755-3-2:2024 Ed2)

American National Standards (ANS) Process

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

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

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

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

Accreditation Announcements (Standards Developers)

Public Review of Revised ASD Operating Procedures

NECA - National Electrical Contractors Association

Comment Deadline: December 16, 2024

The **National Electrical Contractors Association** has submitted revisions to its currently accredited operating procedures for documenting consensus on NECA-sponsored American National Standards, under which it was last reaccredited in 2023. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Jeff Noren, National Electrical Contractors Association (NECA) | 1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | (202) 991-6321, Jeff.Noren@NECAnet.org

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

Please submit any public comments on the revised procedures to NECA by **December 16, 2024**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org)

American National Standards Under Continuous Maintenance

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

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

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

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

AAMI

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

AAMI

Association for the Advancement of
Medical Instrumentation
901 North Glebe Road, Suite 300
Arlington, VA 22203
www.aami.org
Rachel Porter
rporter@aami.org

ABMA (ASC B3)

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

AHRI

Air-Conditioning, Heating, and Refrigeration
Institute
2311 Wilson Boulevard, Suite 400
Arlington, VA 22201
www.ahrinet.org
Jerry Yeh
jyeh2@ahrinet.org

ASA (ASC S12)

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

ASA (ASC S2)

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

ASA (ASC S3)

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

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 30092
www.ashrae.org
Carmen King
cking@ashrae.org
Emily Toto
etoto@ashrae.org
Thomas Loxley
tloxley@ashrae.org

ASME

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

ASSP (Safety)

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

Tim Fisher

TFisher@ASSP.org

ASTM

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

Lauren Daly
accreditation@astm.org

ATCC

American Type Culture Collection
217 Perry Parkway, Suite 1
Gaithersburg, MD 20877
www.atcc.org

Amber Day
aday@atcc.org

ATIS

Alliance for Telecommunications Industry
Solutions
1200 G Street, NW, Ste 500
Washington, DC 20005
www.atis.org

Mignot Asefa
masefa@atis.org

AWS

American Welding Society
8669 NW 36th St
Miami, FL 3316
www.aws.org

Ady Celaya
acelaya@aws.org

AWS

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

Jennifer Rosario
jrosario@aws.org

AWWA

American Water Works Association
6666 W. Quincy Avenue
Denver, CO 80235
www.awwa.org
Madeline Rohr
mrohr@awwa.org

B11

B11 Standards, Inc.
179 Haw Creek Mews Dr.
Asheville, NC 28805
<https://www.b11standards.org/>
Chris Felinski
cfelinski@b11standards.org

BOMA

Building Owners and Managers Association
1101 15th Street, NW, Suite 800
Washington, DC 20005
www.boma.org

Kia Lor
klor@boma.org

CSA

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

Debbie Chesnik
ansi.contact@csagroup.org

ESTA

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

Richard Nix
standards@esta.org

IAPMO (3)

International Association of Plumbing &
Mechanical Officials
4755 East Philadelphia Street
Ontario, CA 91761
www.iapmo.org

Hugo Aguilar
hugo.aguilar@iapmo.org

IAPMO (WES)

International Association of Plumbing &
Mechanical Officials
4755 East Philadelphia Street
Ontario, CA 91761
http://www.iapmo.org

Hugo Aguilar
hugo.aguilar@iapmo.org

IEEE

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

Suzanne Merten
s.merten@ieee.org

IEEE

Institute of Electrical and Electronics
Engineers
445 Hoes Lane, 3rd Floor
Piscataway, NJ 08854
www.ieee.org

Teresa Belmont
t.belmont@ieee.org

IIAR

International Institute of All-Natural
Refrigeration
1001 North Fairfax Street
Alexandria, VA 22314
www.iiar.org

Tony Lundell
tony_lundell@iiar.org

IICRC

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

Mili Washington
mwashington@iicrcnet.org

ITI (INCITS)

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

Deborah Spittle
INCITS-comments@connectedcommunity.
org

MHI

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

Patrick Davison
pdavison@mhi.org

NECA

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

Jeff Noren
Jeff.Noren@NECAnet.org

NEMA (ASC C50)

National Electrical Manufacturers
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1300 North 17th Street, Suite 900
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NEMA (ASC C8)

National Electrical Manufacturers
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NEMA (ASC C80)

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

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NENA

National Emergency Number Association
1700 Diagonal Road, Suite 500
Alexandria, VA 22314
www.nena.org

Nena Staff
crm@nena.org

NFPA

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

Dawn Michele Bellis
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NSF

NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105
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OPEI

Outdoor Power Equipment Institute
1605 King Street
Alexandria, VA 22314
www.opei.org

Greg Knott
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PHTA

Pool and Hot Tub Alliance
1650 King Street, Suite 602
Alexandria, VA 22314
www.PHTA.org

Blake Pavlik
bpavlik@phta.org

SDI (Canvass)

Steel Deck Institute
1731 NW 6th Street, Suite D
Gainesville, FL 32609
www.sdi.org

Thomas Sputo
tsputo50@gmail.com

TAPPI

Technical Association of the Pulp and
Paper Industry
15 Technology Parkway, Suite 115
Peachtree Corners, GA 30092
www.tappi.org

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TIA

Telecommunications Industry Association
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Arlington, VA 22201
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ULSE

UL Standards & Engagement
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Ottawa, Canada, ON <https://ulse.org/>

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ULSE

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ISO & IEC Draft International Standards

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

COMMENTS

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

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

ORDERING INSTRUCTIONS

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

ISO Standards

Aircraft and space vehicles (TC 20)

ISO/DIS 16159, Space systems - Launch pad and integration site
- Facility, system and equipment failure analysis - 1/24/2025, \$53.00

Anaesthetic and respiratory equipment (TC 121)

ISO/DIS 80601-2-70, Medical electrical equipment - Part 2-70:
Particular requirements for basic safety and essential performance of sleep apnoea breathing therapy equipment - 1/23/2025, \$146.00

Equipment for fire protection and fire fighting (TC 21)

ISO/DIS 7240-1, Fire detection and alarm systems - Part 1:
General and definitions - 1/24/2025, \$67.00

Fine Bubble Technology (TC 281)

ISO/DIS 24758-1, Fine bubble technology - Evaluation method for determining the reactive oxygen species in ultrafine bubble dispersions - Part 1: Probe based kinetic model - 1/24/2025, \$98.00

ISO/DIS 24758-2, Fine bubble technology - Evaluation method for determining the reactive oxygen species in ultrafine bubble dispersions - Part 2: APF (3-(p-aminophenyl) fluorescein) assay - 1/24/2025, \$67.00

Fine ceramics (TC 206)

ISO/DIS 19634, Fine ceramics (advanced ceramics, advanced technical ceramics) - Ceramic composites - Notations and symbols - 1/23/2025, \$71.00

Floor coverings (TC 219)

ISO/DIS 11378-2, Textile floor coverings - Laboratory soiling - Part 2: Drum test - 1/24/2025, \$46.00

Industrial automation systems and integration (TC 184)

ISO/DIS 14306-4, Industrial automation systems and integration - JT file format specification for 3D visualization - Part 4: Version 3 - 1/26/2025, \$281.00

ISO/DIS 10303-62, Industrial automation systems and integration - Product data representation and exchange - Part 62:
Integrated generic resource: Equivalence validation of product data - 1/30/2025, \$46.00

Internal combustion engines (TC 70)

ISO/DIS 13332, Reciprocating internal combustion engines - Test code for the measurement of structure-borne noise emitted from high-speed and medium-speed reciprocating internal combustion engines measured at the engine feet - 1/27/2025, \$77.00

ISO/DIS 8528-4, Reciprocating internal combustion engine driven alternating current generating sets - Part 4: Controlgear and switchgear - 1/24/2025, \$102.00

Other

ISO/CIE DIS 15469, Spatial distribution of daylight - CIE standard general sky - 1/24/2025, \$46.00

Photography (TC 42)

ISO/DIS 12234-1, Digital imaging - Image storage - Part 1:
Reference model - 1/30/2025, \$107.00

Plastics (TC 61)

ISO/DIS 18957, Plastics - Determination of the aerobic biodegradation of plastic materials exposed to seawater using accelerated conditions in laboratory - 1/30/2025, \$93.00

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

ISO/DIS 11300-1, Piping systems for rehabilitation of underground drains, sewers and water supply networks - Part 1: Polyethylene (PE) material - 1/27/2025, \$112.00

ISO/DIS 11300-3, Piping systems for rehabilitation of underground drains, sewers and water supply networks - Part 3: Unplasticized poly (vinyl chloride) (PVC-U) material - 1/27/2025, \$77.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO/DIS 11471, Agricultural tractors and machinery - Coding of remote hydraulic power services and controls - 1/30/2025, \$29.00

ISO/DIS 20019, Agricultural vehicles - Mechanical connections on towed vehicles - Dimensions for hitch rings - 1/24/2025, \$33.00

Welding and allied processes (TC 44)

ISO/DIS 18166, Numerical welding simulation - Execution and documentation - 1/27/2025, \$107.00

IEC Standards

69/1022/DPAS, IEC PAS 61980-6 ED1: Electric vehicle wireless power transfer(WPT) systems - Part 6: Specific requirements for magnetic field dynamic power transfer (MF-D-WPT) system communication and activities, 01/03/2025

All-or-nothing electrical relays (TC 94)

94/1077(F)/FDIS, IEC 63522-6 ED1: Electrical relays - Tests and Measurements - Part 6: Contact-circuit resistance or voltage drop, 11/22/2024

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

100/4232/CD, IEC 62087-1 ED2: Audio, video, and related equipment - Determination of power consumption - Part 1: General, 01/31/2025

100/4234/CD, IEC 62087-2 ED3: Audio, video, and related equipment - Determination of power consumption - Part 2: Signals and media, 01/31/2025

100/4235/CD, IEC 62087-3 ED3: Audio, video, and related equipment - Determination of power consumption - Part 3: Television sets, 01/31/2025

100/4233/DTR, IEC TR 63565 ED1: Visual comfort of display terminals, 01/03/2025

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

46C/1301/CDV, IEC 61156-11/AMD1 ED2: Amendment 1 - Multicore and symmetrical pair/quad cables for digital communications - Part 11: Symmetrical single pair cables with transmission characteristics up to 1,25 GHz - Horizontal floor wiring - Sectional specification, 01/31/2025

46F/688/CD, IEC 61169-1-3 ED1: Radio-frequency connectors - Part 1-3: Electrical test methods - Surge withstand - Surge protective devices built-in coaxial connector - Performance requirements and testing methods, 01/03/2025

Electrical accessories (TC 23)

23B/1545/FDIS, IEC 60884-2-1 ED3: Plugs and socket-outlets for household and similar purposes - Part 2-1: Particular requirements for fused plugs, 12/20/2024

23B/1544/FDIS, IEC 60884-2-2 ED3: Plugs and socket-outlets for household and similar purposes - Part 2-2: Particular requirements for socket-outlets for appliances, 12/20/2024

23B/1546/FDIS, IEC 60884-2-3 ED3: Plugs and socket-outlets for household and similar purposes - Part 2-3: Particular requirements for switched socket-outlets without interlock for fixed installations, 12/20/2024

23B/1547/FDIS, IEC 60884-2-6 ED2: Plugs and socket-outlets for household and similar purposes - Part 2-6: Particular requirements for switched socket-outlets with interlock for fixed electrical installations, 12/20/2024

23B/1548/FDIS, IEC 60884-2-7 ED2: Plugs and socket-outlets for household and similar purposes - Part 2-7: Particular requirements for cord extension sets, 12/20/2024

23H/563/DTS, IEC TS 62196-7 ED1: Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 7: Vehicle adapter, 01/03/2025

Electrical equipment in medical practice (TC 62)

62B/1370/CD, IEC 63524 ED1: Artificial Intelligence enabled Medical Devices - Computer assisted analysis software for pulmonary images - Algorithm performance test methods, 01/31/2025

Equipment for electrical energy measurement and load control (TC 13)

13/1931/NP, PNW 13-1931 ED1: Electricity metering equipment - Particular requirements - Part 26: Static revenue grade sub-meters for AC active energy (classes 0,5, 1, 2) and fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3), 01/03/2025

Fluids for electrotechnical applications (TC 10)

10/1248(F)/CDV, IEC 63359 ED1: Fluids for electrotechnical application: Specifications for the re-use of mixtures of gases alternative to SF₆, 01/24/2025

Industrial-process measurement and control (TC 65)

65/1104/CD, PRECD PAS 62443-1-6 ED1: Security for Industrial Automation and Control Systems - Part 1-6: Application of the IEC 62443 standards to the Industrial Internet of Things, 01/03/2025

Insulators (TC 36)

36/609/FDIS, IEC 61109 ED3: Insulators for overhead lines - Composite suspension and tension insulators for a.c. systems with a nominal voltage greater than 1 000 V - Definitions, test methods and acceptance criteria, 12/20/2024

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

113/874/CD, IEC TS 62565-5-5 ED1: Nanomanufacturing - Product specification - Part 5-5: Nanoenabled energy storage - Detail specification: graphene - carbon nanotube suspension as conductive agent for the electrodes of Lithium ion batteries, 01/03/2025

113/875/CD, IEC TS 62607-3-5 Nanomanufacturing - Key control characteristics - Part 3-5: Nanophotonic products - Light conversion efficiency of quantum dot enabled light conversion films: luminance meter, 01/03/2025

113/873/CD, IEC TS 62607-6-33 ED1: Nanomanufacturing - Key control characteristics - Part 6-33: Graphene-related products - Defect density of graphene: electron energy loss spectroscopy, 01/03/2025

Nuclear instrumentation (TC 45)

45A/1571/CD, IEC 63147 ED2: Standard criteria for accident monitoring instrumentation for nuclear power generating stations, 01/03/2025

Power system control and associated communications (TC 57)

57/2740/DTS, Telecontrol equipment and systems - Part 5-7: Transmission protocols - Security extensions to IEC 60870-5 -101 and IEC 60870-5-104 protocols (applying IEC 62351), 01/03/2025

Process Management for Avionics (TC 107)

107/425/CD, IEC TS 62564-1 ED4: Process management for avionics - Aerospace qualified electronic components (AQEC) - Part 1: Integrated circuits and discrete semiconductors, 01/03/2025

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

116/841/CDV, IEC 62841-3-1/AMD2 ED1: Amendment 2 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-1: Particular requirements for transportable table saws, 01/31/2025

116/840/CDV, IEC 63241-2-19 ED1: Electric motor-operated tools - Dust measurement procedure - Part 2-19: Particular requirements for hand-held jointers, 01/31/2025

Semiconductor devices (TC 47)

47F/488/NP, PNW 47F-488 ED1: Micro-electromechanical devices - Part 56: Test method for characteristics of MEMS metal oxide semiconductor (MOS) type gas sensor, 01/31/2025

Standard voltages, current ratings and frequencies (TC 8)

8C/119/CD, IEC TS 63537 ED1: Technical Specification for Hardware-in-the-loop Simulation Test of Power System Stability Control System, 01/03/2025

Surge arresters (TC 37)

37B/247/CD, IEC 61643-361 ED1: Low-voltage surge protective components - Part 361: Surge isolation transformers (SITs) connected to low-voltage distribution system - Requirements and test methods, 01/03/2025

Winding wires (TC 55)

55/2057(F)/FDIS, IEC 60851-1/AMD1 ED3: Amendment 1 - Winding wires - Test methods - Part 1: General, 12/06/2024



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

Fine ceramics (TC 206)

[ISO 19628:2024](#), Fine ceramics (advanced ceramics, advanced technical ceramics) - Thermophysical properties of ceramic composites - Determination of specific heat capacity, \$194.00

Indirect, temperature-controlled refrigerated delivery services – land transport of parcels with intermediate transfer (TC 315)

[ISO 31511:2024](#), Requirements for contactless delivery services in cold chain logistics, \$81.00

Information and documentation (TC 46)

[ISO 27729:2024](#), Information and documentation - International standard name identifier (ISNI), \$81.00

Machine tools (TC 39)

[ISO 19085-12:2024](#), Woodworking machines - Safety - Part 12: Tenoning-profiling machines, \$250.00

Nuclear energy (TC 85)

[ISO 6863:2024](#), Nuclear fuel technology - Preparation of spikes for isotope dilution mass spectrometry (IDMS), \$124.00

Optics and optical instruments (TC 172)

[ISO 16971-1:2024](#), Ophthalmic instruments - Optical coherence tomographs - Part 1: Optical coherence tomographs for the posterior segment of the human eye, \$124.00

Plastics (TC 61)

[ISO 19375:2024](#), Fibre-reinforced composites - Measurement of interfacial shear strength by means of a micromechanical single-fibre pull-out test, \$223.00

Project, programme and portfolio management (TC 258)

[ISO 21506:2024](#), Project, programme and portfolio management - Vocabulary, \$81.00

Soil quality (TC 190)

[ISO 13536:2024](#), Soil quality - Determination of the potential cation exchange capacity and exchangeable cations using barium chloride solution buffered at pH = 8,1, \$81.00

Textiles (TC 38)

[ISO 9073-7:2024](#), Nonwovens - Test methods - Part 7: Determination of bending length, \$81.00

ISO Technical Specifications

Mechanical vibration and shock (TC 108)

[ISO/TS 14837-34:2024](#), Mechanical vibration - Ground-borne noise and vibration arising from rail systems - Part 34: Characterizing irregularity of the running surfaces with respect to vibration excitation, \$124.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 19788-1:2024](#), Information technology for learning, education and training - Metadata for learning resources - Part 1: Framework, \$250.00

[ISO/IEC 14496-26:2024](#), Information technology - Coding of audio-visual objects - Part 26: Audio conformance, \$278.00

[ISO/IEC/IEEE 8802-1AE:2020/Amd 4:2024](#), - Amendment 4: Telecommunications and exchange between information technology systems - Requirements for local and metropolitan area networks - Part 1AE: Media access control (MAC) security - Amendment 4: MAC Privacy Protection, \$278.00

[ISO/IEC/IEEE 8802-1Q:2024/Amd 35:2024](#), - Amendment 3: Telecommunications and exchange between information technology systems - Requirements for local and metropolitan area networks - Part 1Q: Bridges and bridged networks - Amendment 35: Congestion isolation, \$278.00

IEC Standards

Maritime navigation and radiocommunication equipment and systems (TC 80)

[IEC 62288 Amd.1 Ed. 3.0 b:2024](#), Amendment 1 - Maritime navigation and radiocommunication equipment and systems - Presentation of navigation-related information on shipborne navigational displays - General requirements, methods of testing and required test results, \$13.00

[IEC 62288 Ed. 3.1 en:2024](#), Maritime navigation and radiocommunication equipment and systems - Presentation of navigation-related information on shipborne navigational displays - General requirements, methods of testing and required test results, \$1030.00

Other

[IEC 63240-1 Ed. 2.0 en:2024](#), Active assisted living (AAL)
reference architecture and architecture model - Part 1:
Reference architecture, \$193.00

[S+ IEC 63240-1 Ed. 2.0 en:2024 \(Redline version\)](#), Active
assisted living (AAL) reference architecture and architecture
model - Part 1: Reference architecture, \$329.00

Safety of household and similar electrical appliances (TC 61)

[IEC 60335-2-45 Ed. 4.0 b:2024](#), Household and similar electrical
appliances - Safety - Part 2-45: Particular requirements for
portable heating tools and similar appliances, \$245.00

[IEC 60335-2-45 Ed. 4.0 en:2024 CMV](#), Household and similar
electrical appliances - Safety - Part 2-45: Particular
requirements for portable heating tools and similar appliances,
\$489.00

[IEC 60335-2-45 Ed. 4.0 en:2024 EXV](#), Household and similar
electrical appliances - Safety - Part 2-45: Particular
requirements for portable heating tools and similar appliances,
\$975.00

[IEC 60335-2-45-EXV-CMV Ed. 4.0 en:2024 CMV](#), Household and
similar electrical appliances - Safety - Part 2-45: Particular
requirements for portable heating tools and similar appliances,
\$1318.00

IEC Technical Specifications**Solar photovoltaic energy systems (TC 82)**

[IEC/TS 60904-1-2 Ed. 2.0 en:2024](#), Photovoltaic devices - Part 1
-2: Measurement of current-voltage characteristics of bifacial
photovoltaic (PV) devices, \$193.00

International Electrotechnical Commission (IEC)

Call for Members (USNC)

US Representative Needed - Advisory Committee on Energy Efficiency (ACEE)

Comment Deadline: November 29, 2024

ACEE deals with energy efficiency matters which are not specific to one single technical committee of the IEC. It coordinates activities related to energy efficiency. ACEE is responsible for the assignment of horizontal energy efficiency aspects and requirements. ACEE provides guidance for implementation in a general perspective and for specific sectors. It encourages a systems perspective for the development of standards for energy efficiency and provides support for system considerations.

Individuals interested in serving as the US Representative on ACEE are invited to contact **Betty Barro** at bbarro@ansi.org by FRIDAY, November 29th 2024.

ACEE is responsible for the following guide:

- IEC Guide 118: Preparation of basic and group energy efficiency publications including energy efficiency aspects
- This Guide is addressed to all TCs and intends to support their work on energy efficiency publications within their specific scope.

Introduction to the IEC Guide 118:

- Energy efficiency is key to support energy policies while preserving the environment, thus contributing to UN Sustainable Development Goals.
- Many energy efficient technologies and solutions are already available and cost-effective; nevertheless, a variety of barriers inhibits the deployment of these technologies and impede harvesting their energy efficiency potential.
- Standardization can play an important role to help overcome these barriers and to disseminate and promote energy efficient technologies, solutions and services in order to overcome some of the barriers to the implementation of energy efficient technologies and solutions.
- IEC technical committees are encouraged to:
 - consider energy efficiency in their standardization work;
 - identify which aspects of energy efficiency are relevant for their standardization;
 - use a structured approach when addressing energy efficiency;
 - use a systems approach when addressing energy efficiency.

International Organization for Standardization (ISO)

Call for comment on ISO 26000:2010

Comment Deadline: January 17, 2025

ISO has initiated a systematic review of ISO 26000:2010 – “*Guidance on social responsibility*”, which has the following scope statement:

ISO 26000:2010 provides guidance to all types of organizations, regardless of their size or location, on:

- *concepts, terms and definitions related to social responsibility;*
- *the background, trends and characteristics of social responsibility;*
- *principles and practices relating to social responsibility;*
- *the core subjects and issues of social responsibility;*
- *integrating, implementing and promoting socially responsible behaviour throughout the organization and, through its policies and practices, within its sphere of influence;*
- *identifying and engaging with stakeholders; and*
- *communicating commitments, performance and other information related to social responsibility.*

ISO 26000:2010 is intended to assist organizations in contributing to sustainable development. It is intended to encourage them to go beyond legal compliance, recognizing that compliance with law is a fundamental duty of any organization and an essential part of their social responsibility. It is intended to promote common understanding in the field of social responsibility, and to complement other instruments and initiatives for social responsibility, not to replace them.

In applying ISO 26000:2010, it is advisable that an organization take into consideration societal, environmental, legal, cultural, political and organizational diversity, as well as differences in economic conditions, while being consistent with international norms of behaviour.

ISO 26000:2010 is not a management system standard. It is not intended or appropriate for certification purposes or regulatory or contractual use. Any offer to certify, or claims to be certified, to ISO 26000 would be a misrepresentation of the intent and purpose and a misuse of ISO 26000:2010. As ISO 26000:2010 does not contain requirements, any such certification would not be a demonstration of conformity with ISO 26000:2010.

ISO 26000:2010 is intended to provide organizations with guidance concerning social responsibility and can be used as part of public policy activities. However, for the purposes of the Marrakech Agreement establishing the World Trade Organization (WTO), it is not intended to be interpreted as an “international standard”, “guideline” or “recommendation”, nor is it intended to provide a basis for any presumption or finding that a measure is consistent with WTO obligations. Further, it is not intended to provide a basis for legal actions, complaints, defences or other claims in any international, domestic or other proceeding, nor is it intended to be cited as evidence of the evolution of customary international law.

ISO 26000:2010 is not intended to prevent the development of national standards that are more specific, more demanding, or of a different type.

ANSI is seeking U.S. Stakeholders’ input on ISO 26000:2010 to help ANSI determine if ANSI should vote revise, reconfirm as is, or withdraw the standard. Anyone wishing to review ISO 26000:2010 can request a copy by contacting ANSI’s ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on **Friday, January 24, 2025**.

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 304 – Healthcare organization management

Reply Deadline: November 15, 2024

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 304 – *Healthcare organization management*. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 304 to the InGenesis, Inc. InGenesis, Inc has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 304 operates under the following scope:

Standardization in the field of healthcare organization management comprising, terminology, nomenclature, recommendations and requirements for healthcare-specific management practices and metrics (e.g. patient-centered staffing, quality, facility-level infection control, pandemic management, hand hygiene) that comprise the non-clinical operations in healthcare entities.

Excluded are horizontal organizational standards within the scope of:

- *quality management and quality assurance (TC 176);*
- *human resource management (TC 260);*
- *risk management (TC 262);*
- *facility management (TC 267), and;*
- *occupational health and safety management (TC 283).*

Also excluded are standards relating to clinical equipment and practices, enclosing those within the scope of TC 198 Sterilization of health care products.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 304. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

1. The affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the Secretariat;
2. the affected technical sector, organizations or companies desiring that the U.S. hold the Secretariat request that ANSI perform this function;
3. the relevant U.S. TAG has been consulted with regard to ANSI's potential role as Secretariat; and
4. ANSI is able to fulfill the requirements of a Secretariat.

If no U.S. organization steps forward to assume the ISO/TC 304 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity **by Friday, November 15, 2024**, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

Information concerning the United States retaining the role of international Secretariat may be obtained by contacting ANSI's ISO Team (isot@ansi.org)

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 34/SC 4 – Cereals and pulses

Response Deadline: November 22, 2024

ANSI has been informed that the American Oil Chemists Society (AOCS), the ANSI-accredited U.S. TAG Administrator for ISO/TC 34/SC 4, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 34/SC 4 operates under the following scope:

Standardization in the field of cereals and pulses as well as their products, in particular terminology, sampling, methods of test and analysis, product specifications and requirements for packaging, storage and transportation

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

ISO Proposal for a New Field of ISO Technical Activity

Ayurveda and Yoga

Comment Deadline: November 15, 2024

BIS, the ISO member body for India, has submitted to ISO a proposal for a new field of ISO technical activity on Ayurveda and Yoga, with the following scope statement:

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 equipment 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*

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, November 15, 2024.

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Ports and Terminals

Comment Deadline: December 6, 2024

SAC, the ISO member body for China, has submitted to ISO a new work item proposal for the development of an ISO standard on Ports and Terminals, with the following scope statement:

Standardization in the field of ports and terminals, covering planning, implementation, operation, upgrading, demolition and repurposing stages. It will include scheduling, design, controlling, monitoring and inspection, optimization of resource allocating, integrated state-of-the-art technology solutions, regardless of scales, types, or transitioning of goods or passengers, whether located on the coastline or inland rivers, aiming to improve efficiency, effectiveness, coordination, working conditions and professions, towards achieving sustainable development of ports and terminals.

Excluded: Relevant work within the scopes of the following committees:

- *Ships and marine technology (ISO/TC 8)*
- *Production, transport and storage facilities for cryogenic liquefied gases (ISO/TC 67/SC 9)*
- *Cranes (ISO/TC 96)*
- *Industrial trucks (ISO/TC 110)*
- *Tourism and related services (ISO/TC 228)*
- *Sustainable cities and communities (ISO/TC 268)*
- *Innovative logistics (ISO/TC 344)*

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, December 6, 2024.

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.

B30.5-20XX

(Proposed revision of
ASME B30.5-2021)

Mobile and Locomotive Cranes October 2024 Draft Revisions

**TENTATIVE
SUBJECT TO REVISION OR WITHDRAWAL
Specific Authorization Required for Reproduction or Quotation
ASME Standards and Certification**

Item (record) included in this draft is listed below.

Record	Description
21-1194	B30.5-3.1.2(c) - Requalification

Record #: TR-21-1194
Standard: B30.5 Mobile and Locomotive Cranes
Subject: B30.5-3.1.2(c) - Requalification
Date: February 2022

Chapter 5-3

Operation

SECTION 5-3.1: QUALIFICATIONS AND RESPONSIBILITIES

5-3.1.1 Operators

5-3.1.2 Qualifications for Operators

Operators shall be required to successfully meet the qualifications for the specific type of crane (see Figures 5-0.2.1-1 through 5-0.2.1-10) that they are operating.

(a)

(b)

(c) Operators who have successfully qualified for a specific crane type shall be required to be requalified [once every 5 years, or earlier](#) if supervision deems it necessary.

Requalification shall include, but not be limited to, the following:

Public Review 2

NENA Standard for the Conveyance of Emergency Incident Data Objects (EIDOs) between Next Generation (NG9-1-1) Systems and Applications, NENA-STA-024.1.1-202Y

For Public Review 2, only the underlined and strikethrough revisions stated below are available for public comment. Items underlined are new or revised text while ~~strikethrough~~ indicates a removal of text. Content without an underline or strikethrough is included for context only.

Comments can be submitted to NENA at
https://dev.nena.org/higherlogic/ws/public/document?document_id=34716&wg_id=39962138-43d1-4402-a475-6468db7effda.

Please send any questions to Sandy Dyre, NENA Committee Resource Manager, at
CRM@nena.org.

3.14.2 EidoDereferenceFactoryQueryLogEvent

The EidoDereferenceFactoryQueryLogEvent contains the following elements:

Name	Type	Required	Description
direction	string	Y	"incoming" or "outgoing"
peerId	string	Y	The identity of the peer entity
<u>incidentId</u>	<u>string</u>	<u>Y</u>	<u>The ID of the requested incident</u>
queryId	string	Y	The ID associated with a dereference request

In addition, the common LogEvent prolog member, "incidentId", MUST be the Incident Identifier associated with the query.

3.14.4 EidoDeniedLogEvent

If a client has requested an EIDO from the Dereference Service and that request has been denied or deemed invalid, it MUST be logged using an EidoDeniedLogEvent by both the Dereference Service and the dereferencer. The EidoDeniedLogEvent contains the following elements:

Name	Type	Required	Description
direction	string	Y	"incoming" or "outgoing"
peerId	string	Y	The identity of the peer entity
eidoDereference	string	Y	The URI that was attempted to be dereferenced

Name	Type	Required	Description
incidentId	string	C	The ID of the incident
reasonCode	string	Y	A reason code from the EIDO Dereference Denial Registry
reasonText	String	Y	A description of the error

In addition, the common LogEvent prolog member, "incidentId", MUST include the EidoDeniedLogEvent MUST include the "incidentId" Incident Identifier if known.

3.14.5 EidoTransmissionErrorLogEvent

If an error in the process of sending or receiving an EIDO occurs, the error MUST be logged using an EidoTransmissionErrorLogEvent. A successful transmission will be logged with an EidoLogEvent. The EidoTransmissionErrorLogEvent contains the following elements:

Name	Type	Required	Description
direction	string	Y	"incoming" or "outgoing"
peerId	string	Y	The identity of the peer entity
incidentId	string	Y	The ID of the incident
errorCode	string	Y	A reason code from the EIDO Transmission Status Registry
errorText	string	Y	A description of the error

In addition, the common LogEvent prolog member, "incidentId", MUST include the Incident Identifier.

3.14.6 SubscriptionRequestedLogEvent

The subscriber MAY and the notifier MUST log a subscription requested log event using SubscriptionRequestedLogEvent. The SubscriptionRequestedLogEvent contains the following elements:

Name	Type	Required	Description
protocol	string	N	Used to identify the message protocol, "emergency-ent", which is a value found in the subscription protocols registry.
direction	string	Y	"incoming" or "outgoing"

Name	Type	Required	Description
peerId	string	Y	The identity of the peer entity
queryId	string	Y	The ID of the request (requestId in the request)
requestType	string	C	Type of request, e.g., "EIDO".
requestSubType	string	C	The requestSubType provides for different actions based on the requestType specified.
requestAccepts	string	C	The MIME type associated with the requestType.
expires	string	C	The requested expiry time in the "expires" member
incidentId	string	C	The requested incident ID
subscriptionId	string	C	The subscription ID
qualFilter	string	C	The requested qualFilter
qualFilterEvalPeriod	integer	C	If qualFilter specified, a positive integer specifying the requested number of seconds between qualFilter evaluations.
minRate	integer	C	Number of seconds after the last notification after which a notification must be sent consistent with RFC 6446 Error! Reference source not found. If not specified there is no minimum rate.
maxRate	integer	C	Minimum time in seconds to wait between notifications which is the maximum rate at which notifications are sent consistent with RFC 6446 Error! Reference source not found. If not specified there is no maximum rate.
unitId	string	C	The unit ID of the requested resource

For any element where "Required" is "C" (conditional), the log event MUST include that element if specified in the subscription request.

In addition, the common LogEvent prolog member, "incidentId", MUST include the Incident Identifier if specified in the subscription request.

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REVISIONS – Substantive Changes

LIMITATION: Public Review comments can only be submitted on the revisions shown below. For further information, contact Blake Pavlik, PHTA Standards Department, at standards@phta.org.

SECTIONS

1.5 Normative References. The following documents provisions that, through reference in this text, constitute provisions of this American National Standard.

ANSI/NSF 50-2023-(i199r2), *Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities*

ANSI/NSF 14-2023-(i136r1), *Plastics Piping System Components and Related Materials*

1.8 Definitions.

DECK. An area immediately adjacent to or attached to a pool or spa that is specifically constructed or installed for sitting, standing, or walking. ~~Decks include dry decks and perimeter decks.~~

~~DRY DECK. All pedestrian surface areas within the aquatic venue enclosure not subject to frequent splashing or constant wet foot traffic. The dry deck is not perimeter deck or pool deck, which connect the pool to adjacent amenities, entrances, and exits. Landscape areas are not included in this definition.~~

PERIMETER DECK. The hardscape surface area immediately adjacent to and within 4 ft (1.2 m) of the edge of the swimming pool ~~also known as the "wet deck" area.~~

~~DRY DECK. See DECK.~~

SUPPLEMENTAL TREATMENT SYSTEMS. Systems or processes which are not required on residential pools and spas for health and safety reasons but may be used to improve water quality and/or enhance overall system performance. These systems or processes are not required on residential pools and spas for health and safety reasons.

UNDERWATER BENCH. An underwater seat that can be recessed into the pool wall or placed completely inside the perimeter shape of the pool.

UNIFORM ELEVATION. In construction, "uniform elevation" refers to maintaining a consistent height or level across a specified area or structure.

~~WET DECK. See PERIMETER DECK.~~

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5.1.5.3 The slope of the floor shall not exceed a 1:3 (33%) incline under the lengths (B–D) of the Minimum Diving Water Envelope (see Figure 3).

5.1.6 Shallow end water depths. ~~The shallow area of the pool, 5 ft (1.52 m) or less in water depth, shall not be restricted in minimum depth. Water depth in the shallow area shall be a minimum of 2 ft 9 in. (838 mm), except for those locations specified in section 6.3 “Shallow End Detail for Beach and Sloping Entries.”~~

5.2.5 Floor slopes: Floor slopes shall be reasonably uniform. The slope of the floor non-entry and exit shall not exceed a 1:3 (33%) incline. Entry and exit slope shall conform to section 6.3 “Shallow end detail for beach and sloping entries”.

~~**6.2.1.1** When stairs are equipped with a handrail, treads shall have a minimum unobstructed horizontal depth of 8 in. (203 mm), and a minimum unobstructed walking surface of 192 square in. (1239 cm²).~~

6.2.1.1 ~~6.2.1.1.1~~ On shallow end stairs, the bottom riser height is allowed to vary to the floor. The bottom riser shall not exceed 12 in. (305 mm) to the floor for the width of the walking surface.

6.3.1 Sloping entries used as a pool entrance shall not exceed a 1:7 (14%) incline (14 percent slope) and be uniform. The top of the slope of the entry floor shall be at a uniform elevation.

6.3.3 Architectural features such as sheet-falls or spillways not used for entry are not required to comply with the 1:7 (14%) incline.

7.2.1 Deck(s) shall be sloped to effectively drain away from the pool or towards the deck drains. When site conditions require, deck drains are allowed to be placed at the back side of the pool structure or coping.

9.1.3 Turnover and water clarity. Depending on the size (volume) of the pool, the pool filtration flow rate shall not be greater than the rate needed to turn over the pool water volume in six hours using the equation below or 36 gpm, whichever is greater. Maximum Filtration Flow Rate (gpm, Lpm = pool volume (gallons, liters) / 360. NOTE: These are maximum flow rates. Lower filtration flow rates and longer filtration times are encouraged and will result in added energy savings. ~~The system shall be designed to give the proper turnover rate based on the manufacturer’s specified maximum flow rate of the filter, in clean media condition of the filter. Water clarity shall be maintained. (Clarity is a function of proper filtration and maintenance of proper chemical operational parameters. When standing at the pool’s edge at the deep end, the deepest portion of the pool floor shall be visible. Filters shall be at least the size specified in NSF-50 for residential pools intended applications based on the maximum flow rate through the filter. The clarity of the water shall be maintained such that the suction outlet fitting assemblies is visible from the pool deck at all times. For pools and spas without drains, clarity can be checked using another visual aid, such as a pool brush or pool net positioned in the deepest water.~~

9.1.3.1 MAXIMUM FILTRATION FLOW RATE. The flow rate needed to turn over the pool water volume in six hours, or a flow rate of 36 gpm (136.27 Lpm), whichever is greater. MINIMUM FILTRATION FLOW RATE. 12 hours.

9.3.2 Fittings.

Fittings used in circulation systems shall be *listed* and *labeled* as complying with one of the standards in Table 3 CIRCULATION SYSTEM FITTINGS

EXCEPTIONS:

- Decorative water features including sheer / waterfalls, deck jets, waterbowls, bubblers, laminars.

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9.10.3 ~~9.8.3~~ Pressure filter systems with a cleanable strainer or screen shall be provided ~~between the pool and circulation pump(s) to remove solids, debris, hair, and lint.~~ A cleanable strainer, skimmer basket, or screen shall be provided for pools and spas, upstream or as an integral part of circulation pumps, to remove solids, debris, hair, and lint on pressure filter systems.

9.10.6 ~~Where a mechanical pump seal is provided, components of the seal shall be corrosion resisting and capable of operating under conditions normally encountered in pool operation.~~

9.10.7 ~~All motors shall have an open drip proof enclosure (ODP) or a Totally Enclosed Fan Cooled (TEFC) rating as defined by NEMA MG 1 or comply with the latest published edition and be constructed electrically and mechanically to perform satisfactorily and safely under the conditions of load and environment normally encountered in swimming pool installations.~~

9.10.8 ~~Motor(s) shall be capable of operating the pump under full load with a voltage variation of $\pm 10\%$ from the nameplate rating. If the maximum service factor of the motor is exceeded (at full voltage), the manufacturer shall indicate this on the pump curve.~~

9.11.3 Gas heaters shall be tested and shall comply with the requirements of ANSI Z21.56. Electric Heaters shall be tested and shall comply with UL 1261. Heat pumps shall comply with AHRI 1160 and one of the following: CSA C22.2 No. 236, UL 1995, or UL/CSA 60335-2-40.

9.11.5 Sizing. For efficient and economical operation, it is important that the heater be properly sized. To determine the proper size, first find the surface area of the swimming pool in square ft (m^2). Then select a heater that is properly sized for that surface area from the manufacturer's charts sizing recommendations.

11.1 Backwash water. Backwash water is permitted to be discharged into a sanitary sewer through an approved air gap, or into an approved subsurface disposal system, or by other means approved by state or local authority having jurisdiction. When a diatomaceous earth (DE) filter is used, a separation tank is required ~~prior to~~ before discharge into a sanitary sewer.

12 EPA-registered Sanitizers and Systems Sanitizing equipment and chemical feeders

12.1 Equipment standards. Sanitizing equipment, when installed ~~in residential pools~~ on pools, shall be capable of introducing the quantity of sanitizer necessary to maintain the appropriate levels under all conditions of intended use.

12.2 pH Feeders. When used, pH feeders shall be capable of maintaining the pH at all levels of recommended use.

12.3 Chemical Feeders. When used, all chemical feed equipment such as flowthrough chemical feeders, electrolytic chemical generators, mechanical chemical feeders, chemical feed pumps, and automatic controllers shall be listed and labeled in compliance with NSF 50. ~~Where installed,~~ Chemical feed systems shall be installed in accordance with the manufacturer's specifications. Chemical feed pumps shall be wired so that they cannot operate unless there is adequate return flow to disburse the chemical throughout the pool as designed.

12.4 Supplemental Treatment Systems

12.4.1 Ozone Systems. Ozone systems shall be installed only in conjunction with an EPA-registered sanitizer means or chlorine generator means that meets the requirements of this standard.

12.4.2 Ultraviolet (UV) light Systems. UV systems shall be installed only in conjunction with an EPA-registered sanitizer means or chlorine generator means that meets the requirements of this standard.

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12.4.3 Metal-based systems. Copper/silver ion systems shall be installed only in conjunction with an EPA-registered sanitizer means or chlorine/bromine generator means that meets the requirements of this standard.

13 Supplemental Treatment Systems

13.1 When used, supplemental treatment systems shall be installed in accordance with manufacturers' instructions and in accordance with applicable codes.

13.1.1 Ozone Systems. Ozone systems shall be installed only in conjunction with an EPA-registered sanitizer means or chlorine generator means that meets the requirements of this standard. (See Appendices A and B).

13.1.2 Ultraviolet (UV) light Systems. UV systems shall be installed only in conjunction with an EPA-registered sanitizer means or chlorine/bromine generator means that meets the requirements of this standard.

13.1.3 Copper/Silver Ion systems. Copper/silver ion systems shall be installed only in conjunction with an EPA-registered sanitizer means or chlorine/bromine generator means. Copper/silver ion systems shall be EPA-registered for use as disinfectants in a pool.

14 Chemical Feeders and Chlorine Generator Systems

14.1 When used, all chemical feeder/generator systems shall be installed as directed in the manufacturer's instructions. These systems shall be installed so they cannot operate unless there is return flow to properly disperse the chemical throughout the pool as designed. The pool pump and chemical feed pump or electrolytic chlorine or bromine generator timers shall be interlocked. The protection shall be designed and installed in such a way as to prevent chemical feeding or generation when the circulation pump is off, or when the filter is being backwashed. A flow sensing switch shall be acceptable.

14.2 When used, chemical feeders shall be capable of introducing a sufficient quantity of an EPA-registered sanitizing agent to maintain the appropriate residual concentrations.

14.3 When used, chlorine/bromine generators shall be capable of introducing a sufficient quantity of chlorine or bromine to maintain the sanitizer at appropriate levels under all conditions of intended use.

14.4 pH Feeders. When used, acid pH chemical feeders shall be capable of maintaining the pH at all levels of recommended use.

16.1 14.1 Written operation and maintenance instructions. At completion of construction, written and/or digital operation and maintenance instructions shall be provided to the homeowner for the circulation system.

17.1.4 15.1.1 Handholds shall be accessible within 4 ft (1219 mm) and not exceed 8 ft (2438 mm) at any two points along the inside of the pool perimeter where the water depth exceeds 42 in. (1.22 m). 4 ft (1219 mm)

18.2.4 16.2.4 Mesh Fence as a barrier. Mesh fences, other than chain link fences in accordance with section 18.2.7 16.2.7, shall be installed in accordance with the manufacturer's instructions and shall comply with the following:

7. Mesh fences shall not be installed on top of onground residential pools.

BSR/UL 486A-486B, Standard for Safety for Wire Connectors**1. The Proposed Fourth Edition of the Standard for Wire Connectors, UL 486A-486B****PROPOSAL**

9.1.5.3 In Canada and Mexico, test conductors for connectors rated for Class B or C stranded copper conductors 8 AWG – 1000 kcmil (8.4 – 508 mm²) / 10 – 500 mm² and larger shall be either Class B and compact, or IEC Class 2 and compact, rather than concentric or compressed as specified in Table 15. Connectors rated for stranded classes other than Class B or C shall be tested in accordance with 9.1.5.5. See 10.12.

9.1.5.4 In the United States, test conductors for connectors additionally rated for 2 AWG (33.6 mm²) / 35 mm² and larger compact-stranded Class B or C stranded copper conductors shall be tested with compact-stranded Class B or IEC Class 2 compact copper conductors. See also 10.39.

Table 15
Conductor materials
(Clauses 7.1.11, 9.1.5.1 and 9.1.5.3)

Material		Size of conductor AWG or kcmil (mm ²)	Test and control conductors shall be as follows:
Aluminum	Solid	12 AWG (3.31 mm ²) / 4.0 mm ² and larger	Aluminum wire stock for use as an electrical conductor
	Stranded ^b	12 – 3 (3.31 – 26.7) / 4.0 – 25.0 mm ²	AA-1350 or AA-8000 conductors. The stranding shall be Class B, SIW, or IEC Class 2 with compact, compressed or concentric stranding
		2 AWG – 1 000 (33.6 – 506.7) / 35 – 500 mm ²	AA-1350 or AA-8000 conductors. The stranding shall be Class B, SIW, or IEC Class 2 with compact, compressed or concentric stranding
		Larger than 1 000 (506.7) / 500 mm ²	AA-1350 or AA-8000 conductors. The stranding shall be Class B, SIW, or IEC Class 2 with compact, compressed, or concentric stranding
Copper	Solid	30 – 16 (0.05 – 1.31) / 1.5 mm ²	Soft annealed, tinned or untinned
		14 (2.08) / 2.5 mm ² and larger	Soft annealed and untinned
	Stranded	30 – 16 (0.05 – 1.31) / 1.5 mm ²	Soft annealed, tinned or untinned
		14 (2.08) / 2.5 mm ² and larger	Soft annealed, tinned or untinned. The stranding shall be concentric or compressed Class B, concentric Class C ^a , or IEC Class 2.
		8 AWG (8.4 mm ²) and larger other than Class B or C	Soft annealed, tinned or untinned
Copper-clad aluminum	Solid	12 AWG (3.31) / 4 mm ² and larger	Aluminum core shall be wire stock for use as an electrical conductor, the copper-clad shall be soft annealed and untinned
	Stranded	12 AWG (3.31) / 4 mm ² and larger	Aluminum core shall be AA-1350 or AA-8000 conductors, the copper-clad shall be soft annealed, tinned or untinned. The stranding shall be concentric or compressed Class B or concentric Class C
^a In Canada and Mexico, for sizes 8 AWG – 1000 kcmil (8.436 – 508 mm ²) / 10 – 500 mm ² and larger compact-stranded copper conductors shall be used, when the connector is to be rated for use with Class B or C stranding.			
^b The hardness of the alloy and iron content is not specified.			

BSR/UL 719, Standard for Safety for Nonmetallic-Sheathed Cables**1. Flatwise Crush Resistance Test, Revised 56.13.1 and Clause 7.12****PROPOSALS****5.13 Crushing resistance test for flat cable****CURRENT**

5.13.1 To crush finished flat cable containing two or three 14 or 12 AWG copper, or 12 or 10 AWG aluminum or copper-clad aluminum circuit conductors with a grounding conductor shall be when tested in accordance with 7.12:

- a) An average of not less than 600 lbf or 2669 N or 272 kgf shall be needed when the crushing force is applied to the cable flatwise as indicated in 7.12.1.1 – 7.12.1.4, and
- b) An average of not less than 1200 lbf or 5338 N or 544 kgf shall be needed when the crushing force is applied to the cable edgewise as indicated in 7.12.2.1 – 7.12.2.5.

PROPOSED

5.13.1 Finished flat cables containing two 14 AWG copper or 12 AWG aluminum or copper-clad aluminum circuit conductors with a grounding conductor, when tested in accordance with 7.12, shall show:

- a) An average of not less than 600 lbf or 2669 N or 272 kgf shall be needed when the crushing force is applied to the cable flatwise as indicated in 7.12.1.1 – 7.12.1.4, and No dielectric breakdown after the crushing force is applied to the cable flatwise as indicated in 7.12.1.1 – 7.12.1.7, and
- b) An average of not less than 1200 lbf or 5338 N or 544 kgf shall be needed when the crushing force is applied to the cable edgewise as indicated in 7.12.2.1 – 7.12.2.5.

CURRENT**~~7.12 Crushing resistance test for flat cable~~****~~7.12.1 Flatwise~~**

~~7.12.1.1 The cable is to be crushed between a flat horizontal surface and the surface of a rigid cylinder 1/8 inch or 3.2 mm in diameter. The cylinder is to be a 3 1/2 inch or 90 mm length of steel drill rod 0.125 inch or 3.2 mm in diameter welded along the length of a steel bar that is also 3 1/2 inches or 90 mm long is T-shaped in cross section. The stem and cross of the tee are each to be approximately 1/8 inch or 3.2 mm thick, and the depth of the stem is to be about 1 inch or 25 mm from the cross to the free end of the stem.~~

~~7.12.1.2 A sample length of the finished flat cable is to be laid flat with the length of the cable at right angles to the longitudinal axis of the tee and a point on the cable directly under the drill rod at least 12 inches or 305 mm from one end of the cable.~~

~~7.12.1.3 The circuit conductors and the steel block and tee are to be connected to low voltage indicators (buzzers or the like) and to power supplies. The steel block and tee are to be connected together. The indicators are to provide a signal whenever contact is established between one or more of the circuit conductors and the block or tee. The grounding conductor is to be out of the circuit. The cable, the apparatus, and the surrounding air are to be in thermal equilibrium with one another at a temperature of $23.0 \pm 2.0^{\circ}\text{C}$ ($73.4 \pm 3.6^{\circ}\text{F}$) during the test.~~

~~7.12.1.4 The head of a compression testing machine is to be started moving toward the bed at a rate of 0.50 ± 0.05 in/min or 10 ± 1 mm/min. The travel is to be continued until the drill rod pushes through the insulating materials of the cable to contact one or more of the circuit conductors, at which time the crushing~~

force being exerted by the machine is to be noted and recorded and the downward direction of travel of the head is to be reversed. The crushing procedure is to be repeated at nine other locations. In five of the trials, the cable is to be positioned so that the grounding conductor is down. In the five remaining trials, the grounding conductor is to be up. The results of all ten trials are to be averaged. If the average is less than 600 lbf or 2669 N or 272 kgf for cable with two 14, 12, or 10 AWG insulated circuit conductors, the cable is not acceptable.

PROPOSED

7.12 Crushing resistance test for flat cable

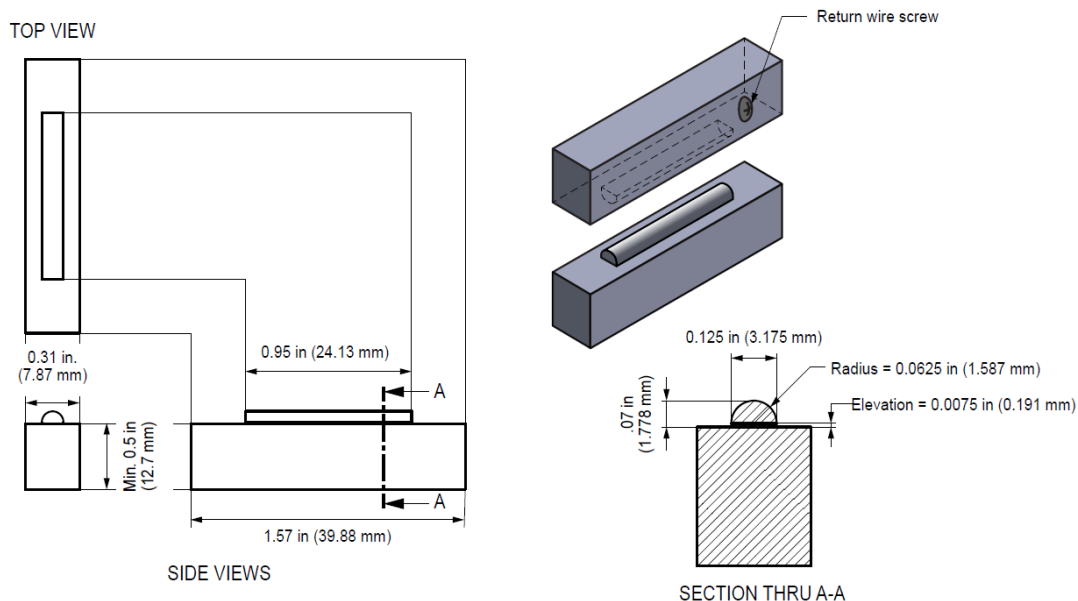
7.12.1 Flatwise

7.12.1.1 A length of cable, nominally 18 inches (450 mm) long is used. Approximately six (6) inches (150 mm) of the jacket is to be stripped off each end, taking care not to damage the insulated conductors. The ends of the insulated conductors are to be made bare for a length of approximately 1 inch (25 mm) to facilitate connection to the dielectric test equipment.

7.12.1.2 The test fixture consists of two halves. Each half consists of a 1010 steel (or harder steel) block with a 0.125 inch ± 0.005 in (3.2 mm ± 0.13 mm) in diameter cylinder. The cylinder is to be longer than the width of the specimen [nominally 1 inch (25 mm) long] mounted on a length of a steel bar that can accommodate the cylinder [nominally 1.6 inches (41 mm) long] and is 0.31 in ± 0.005 in (7.9 mm ± 0.13 mm) wide and at least 0.5 in (13 mm) tall. The cylinder shall protrude from the block 0.07 in ± 0.005 in (1.78 mm ± 0.13 mm). See Figure 7.12. A grounding conductor shall be connected to the fixture.

NEW FIGURE

Figure 7.12 – Flatwise crush fixture
See 7.12.1.2 for tolerances on dimensions



7.12.1.3 The cable, the test fixture, and the surrounding air are to be in thermal equilibrium with one another at a temperature of 25 ± 10 °C (77 ± 18 °F) during the test.

7.12.1.4 Each half of the fixture is to be tightened within the grips of a mechanical tester. The halves of the fixture shall be mounted such that the mandrels on the two halves are aligned. Pins, or another means shall be added to the fixture to maintain alignment. A support, such as a 2" x 4" piece of wood located such that it is approximately the same height as the top of the bottom grip and 1 to 2 inches away from the fixture.

Can be used to prevent deflection of the test specimen when the test leads are attached.

7.12.1.5 The specimen of the finished flat cable is to be laid flat and perpendicular to the longitudinal axis of the cylinder on the test fixture. The specimen shall be centered in the test fixture.

7.12.1.6 Approximately 15 lbf (66 N) is applied by the mechanical tester. The circuit conductors and the test fixture are then connected to the dielectric equipment in a manner which will indicate the presence of a dielectric breakdown between the circuit conductors and the fixture after the voltage is applied. The ends of the conductors are to be spaced apart to prevent arcing at the cut ends.

7.12.1.7 The software-controlled mechanical tester is to apply compressive force to the specimen at a linear rate of 200 lbf/min (900N/m) until it reaches 200 lbf (900N) in 60 s. After reaching 200 lbf (900N), the mechanical tester is to maintain displacement (the force is no longer controlled and may change with time) for a period of five (5) minutes.

7.12.1.8 After 5 minutes, with the test fixture still in place at the fixed displacement in the mechanical tester, a dielectric potential of 5000V AC is to be applied between both circuit conductors tied together and the test fixture. The potential shall be applied at a rate of 500V/s until 5000V AC is reached and then held for 60 s. There shall be no breakdown.

7.12.1.9 The method described in 7.12.1.1 – 7.12.1.8 is to be repeated on nine additional specimens. There shall be no breakdown in any of the 10 specimens.

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BSR/UL 723, Standard for Safety for Standard for Safety for Surface Burning Characteristics of Building Materials

1. Test Specimen

PROPOSAL

4 Test Specimen

4.1 The test specimen is to be at least 2 in (50.8 mm) wider than the interior width of the tunnel and a total of 24 ft $\pm 1/2 + 12$ in $- 6$ in (7.3 m $\pm 12.7 + 30.48$ mm $- 15.24$ cm) in length. The specimen is to consist of a continuous, unbroken length, or of sections joined end-to-end. A $14 \pm 1/8$ -in (356 ± 3.2 -mm) length of uncoated No. 16 gage [nominal 0.060-in (1.52-mm) thick] sheet steel is to be placed on the specimen mounting ledge, in front of and under the specimen, in the upstream end of the tunnel. Specimens shall be representative of the materials for which classification is desired. Properties adequate for identification of the materials or ingredients, or both, of which the test specimen is made are to be determined and recorded.

2. Scope Expansion to Include Plastic Water Distribution Plumbing Pipe

PROPOSAL

1 Scope

1.1 This method of test for surface burning characteristics of building materials is applicable to any type of building material that, by its own structural quality or the manner in which it is applied, is capable of supporting itself in position or being supported in the test furnace to a thickness comparable to its intended use.

1.2 The purpose of the test is to determine the comparative burning characteristics of the material under test by evaluating the spread of flame over its surface and the density of the smoke developed when exposed to a test fire, and thus to establish a basis on which surface burning characteristics of different materials are compared, without specific regard to all the end-use parameters that affect the surface burning characteristics.

1.2.1 The UL 723 method of test is a 10-minute fire-test response method. The following standards address testing of materials in accordance with methods of test that are applications or variations of the test method or apparatus described herein.

a. Materials required by the user to meet an extended 30-min duration tunnel test; ASTM E2768 – Test Method for Extended Duration Surface Burning Characteristics of Building Materials (30 min Tunnel Test).

b. Wire and Cable materials for use in air-handling spaces; NFPA 262 – Standard Method of Test for Flame Travel and Smoke of Wires and Cables in Air-Handling Spaces.

c. Optical Fiber and Communication Raceway materials for use in air handling spaces; UL 2024 – Standard for Safety for Optical Fiber and Communication Cable Raceway.

d. Pneumatic Tubing materials for use in ducts, plenums, and other space used for environmental air; UL 1820 – Standard for Safety for Fire Tests of Pneumatic Tubing for Flame and Smoke Characteristics.

e. Plastic Fire Sprinkler Piping materials for use in ducts, plenums, and other space used for environmental air; UL 1887 – Standard for Fire Test of Plastic Sprinkler Pipe for Visible Flame and Smoke Characteristics.

f. Individual Pairs of Plastic Plumbing Pipe materials for use in distribution of potable water, water used for hydronic heating and colling applications, and water reclaim/reuse water applications; UL 2846 – Standard for Safety fire Test of Plastic Water Distribution Plumbing Pipe for Visible Flame and Smoke Characteristics.

3. Calibration of Test Equipment – Removal of Red Oak for Smoke Calibration

PROPOSAL

5.9 Flame Spread Calibration

5.9.1 With the test equipment adjusted and conditioned as described in 5.2, 5.4, 5.5, and 5.7, a test or a series of tests are to be made, in either order, using 1/4-inch (6-mm) fiber-cement board and nominal 23/32-in (18.2-mm) select-grade red-oak flooring as the sample, conditioned to 6 - 8% moisture content using one of the following two methods:

5.11 The flame-spread distance, and temperature, and change in photoelectric cell readings of the red oak flooring are to be plotted separately for the duration of the test. Figures 5.2 - 5.4 5.3 are representative curves for red oak flame spread, and time-temperature development, and smoke density, respectively. Flame spread distance is to be determined as the observed distance minus 4-1/2 ft (1.4 m).

Figure 5.2
Representative Time-Distance Curve for Flame Spread of Red Oak

Figure 5.3
Time-Temperature Curve - Red Oak

Figure 5.4
Smoke density - red oak

5.12 In addition to the calibration tests for red oak, a similar test(s) is to be conducted on samples of 1/4-in (6.4-mm) fiber-cement board. The results represent an index of zero (0) for these requirements. The temperature readings are to be plotted separately for the duration of the test. Figure 5.5 is a representative curve for time-temperature development of inorganic reinforced cement board. The calibration tests using red oak flooring and cement board samples shall be permitted in either order.

Figure 5.5
Time-Temperature Curve - Fiber-Cement Board

5.13 Smoke Density Calibration

5.13.1 As an optional calibration tests in addition to tests using red oak and fiber-cement board, a series of tests are permitted to be conducted using heptane, following the fiber-cement board test. The smoke density area generated by the heptane tests may be used in lieu of red oak smoke density areas is to be used to calculate the Smoke Developed Indices as described in 7.1.6.

5.19.1 Add the average of the two heptane smoke calibration tests to a data set containing at least the last four calibrations in order to maintain a running average of at least five calibrations have been performed on new equipment, average the available number of calibrations to achieve the running average.

5.21 Smoke-developed indices (SDI) of products under test may be calculated using red oak smoke density areas or heptane smoke density areas.

5.22 When using red oak to calculate SDI, add the data from the new red oak smoke calibration to a data set containing at least the last four calibrations in order to maintain a running average of at least five calibrations. When fewer than five calibrations have been performed on new equipment, average the available number of calibrations to achieve the running average.

~~5.23 When using heptane to calculate SDI, add the average of the two heptane smoke calibration tests to a data set containing at least the last four calibrations in order to maintain a running average of at least five calibrations. When fewer than five calibrations have been performed on new equipment, average the available number of calibrations to achieve the running average.~~

7.1.6 The test results for smoke density are to be plotted and the area under the curve determined. The area is to be divided by the area under the curve determined for ~~red oak or~~ heptane, as described in Section 5 and multiplied by 100 to establish a numerical index by which the performance of the material is to be compared with that of fiber-cement board and ~~select grade red oak flooring or~~ heptane. Fiber-cement board has been arbitrarily established as zero (0) SDI and ~~red oak flooring and~~ heptane, arbitrarily established as one hundred (100) SDI. In the unlikely event of particulate blockage of the photocell, the test shall be deemed invalid and re-conducted, or a qualifying notation shall be included in the test report.

3. Appendix – Wire and Cables

PROPOSAL

~~A10–Wire and Cables~~

~~A10.1 Wire and cable specimens are to consist of 24 ft \pm 6 in (732 \pm 152 mm) lengths of cables installed in a single layer supported by galvanized hexagonal wire mesh and metal rods, spaced at approximately 12 \pm 2 in (305 \pm 5 mm) intervals. The number of cable specimens are to equal 20 in (508 mm) divided by the cable diameter in inches (mm), as determined using a diameter tape or equivalent. The result of the division is to be rounded off to the nearest lower whole number of specimens. The specimens are to be laid across the support rods in parallel, adjacent, straight rows as uniformly as possible such that any space between adjacent specimens is kept to a minimum and 1 \pm 0.25 in (25 \pm 6 mm) of the overall specimen width rests on the support ledge on both sides.~~

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BSR/UL 746A, Standard for Safety for Polymeric Materials – Short Term Property Evaluations

1. Inclusion of Requirements for a New Test Method to Measure Resistivity of Partially-conductive Polymeric Materials in Accordance with ASTM D4496 in a New Section 22A

PROPOSAL

22A.2 Three specimens are to be tested following a conditioning of 48 hours at $23.0 \pm 2.0^{\circ}\text{C}$ ($73.4 \pm 3.6^{\circ}\text{F}$) and 50 ± 10 percent relative humidity, and 3 specimens are to be tested following a conditioning of 96 hours at $35.0 \pm 1.0^{\circ}\text{C}$ ($95.0 \pm 1.8^{\circ}\text{F}$) and 90 ± 2 percent relative humidity. Immediately following conditioning, the specimen is placed in the testing apparatus and secured.

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BSR/UL 746D, Standard for Safety for Polymeric Material – Fabricated Parts

1. Addition of Requirements for Reprocessed Thermoplastics as New Section 8A

PROPOSAL

8A Reprocessed Thermoplastics

8A.1 General

8A.1.1 Thermoplastics containing reprocessed material by any amount in the molding process require a separate investigation to determine the effect of repeated grinding/molding procedures and additional heat-process cycle in the form of extrusion for converting into pellets or other reusable form.

8A.1.2 Parts shall not be molded from material that contains any specific amount of thermoplastic reprocessed material by weight, that has been dry blended by the molder with the same grade of virgin material, unless the results of a separate investigation indicate acceptable performance for the specific part.

8A.1.3 Any increase in the amount of the use of reprocessed material shall require a separate investigation to determine the effects of the modification.

8A.2 Evaluation of polymeric material with up to 25 percent by weight reprocessed material

NOTE: Identical requirements for plastics with a regrind content of more than 25 percent are described in Regrind of Thermoplastic Polymeric Materials, Section 48 of the Standard for Polymeric Materials - Short Term Property Evaluations, UL 746A.

8A.2.1 Polymeric materials utilizing a maximum reprocessed material of up to 25 percent by weight shall comply with the requirements in 8A.2.2, 8A.2.3, and 9A.2.4:

8A.2.2 The tests for polymer identification as specified in the Standard for Polymeric Materials - Short Term Property Evaluations, UL 746A, are to be comparable between 100 percent reprocessed material and the virgin material based on the conformance criteria specified in:

- a) Infrared (IR) Analysis Conformance Criteria, Appendix A;
- b) Thermogravimetric Analysis (TGA) Conformance Criteria, Appendix B; and
- c) Differential Scanning Calorimetry (DSC) Conformance Criteria, Appendix C

of UL 746A.

8A.2.3 The UL 94 flammability rating on samples containing the maximum level of reprocessed material shall comply with that of the virgin material in the minimum thickness at all different flame ratings and applicable colors assigned to the virgin material.

8A.2.4 The minimum thickness of flammability test samples containing reprocessed material shall not be less than 0.75 mm. Testing at the 0.75 mm thickness is representative of lower thicknesses.

8A.3 Evaluation of polymeric material with more than 25 percent by weight reprocessed material

8A.3.1 Polymeric materials utilizing reprocessed material more than 25 percent by weight shall comply with the requirements in 8A.3.2, 8A.3.3, 8A.3.4, 8A.3.5, 8A.3.6, 8A.3.7, 8A.3.8, 8A.3.9, 8A.3.10, 8A.3.11, 8A.3.12, 8A.3.13, and 8A.3.14:

8A.3.2 The tests for polymer identification as specified in the Standard for Polymeric Materials - Short Term Property Evaluations, UL 746A, are to be comparable between 100 percent reprocessed material and the virgin material based on the conformance criteria specified in:

- a) Infrared (IR) Analysis Conformance Criteria, Appendix A;

- b) Thermogravimetric Analysis (TGA) Conformance Criteria, Appendix B; and
- c) Differential Scanning Calorimetry (DSC) Conformance Criteria, Appendix C

of UL 746A.

8A.3.3 The UL 94 Flammability rating on samples containing the maximum level of reprocessed material shall comply with that of the virgin material in the minimum thickness at all different flame ratings and applicable colors assigned to the virgin material.

8A.3.4 The minimum thickness of flammability test samples containing reprocessed material shall not be less than 0.75 mm. Testing at the 0.75 mm thickness is representative of lower thicknesses.

8A.3.5 Mechanical properties on samples containing the maximum level of reprocessed material shall be within 15% of that of the virgin material.

8A.3.6 The mechanical strength property is to be evaluated using either:

- a) The Tensile Strength Test specified in Tensile Properties of Thermoplastic Polymeric Materials, Section 10 of the Standard for Polymeric Materials – Short Term Properties, UL 746A or
- b) The Flexural Strength Test specified in Flexural Properties of Polymeric Materials, Section 16 of UL 746A

on nominal 3.0 mm thick test specimens. Testing at the 3.0 mm thickness is representative of other thicknesses.

8A.3.7 The Mechanical Impact property is to be evaluated using:

- a) The Charpy Impact Test specified in Section 15 of the Standard for Polymeric Materials – Short Term Property Evaluations, UL 746A; or
- b) The Izod Impact Test specified in Section 13 of UL 746A; or
- c) The Tensile Impact test specified in Section 14 of UL 746A

on a nominal 3.0 mm or 4.0 mm thick test specimen, as appropriate for the specific test method. Testing at the appropriate 3.0 mm or 4.0 mm thickness is representative of other thicknesses.

8A.3.8 The resistance to ignition properties using Hot-Wire-Ignition (HWI) or Glow-wire Ignition Temperature (GWIT) referenced in the Standard for Polymeric Materials - Short Term Property Evaluations, UL 746A on samples containing the maximum level of reprocessed material shall be comparable or better to that of the virgin material.

8A.3.9 The result on Glow-wire Ignition Temperature (GWIT) is considered comparable if the deviation is within 25°C up to 900°C and within 30°C between 900°C and 960°C.

8A.3.10 The result on Hot-Wire-Ignition (HWI) is considered comparable if the same Performance Level Category (PLC) rating is obtained or the deviation is not more than 30% of the average ignition time.

8A.3.11 The Resistance to Ignition properties is to be evaluated on nominal 3.0 mm thick test specimens. Testing at the 3.0 mm thickness is representative of other thicknesses.

8A.3.12 For those materials that require evaluation to outdoor use properties using the procedure described in the Standard for Polymeric Materials – Use in Electrical Equipment Evaluations, UL 746C, the material containing a maximum level of reprocessed material and the virgin material shall meet the criteria mentioned in Minimum property retention limitations after ultraviolet light and water immersion conditioning, Table 25.1 of UL 746C.

8A.3.13 The specimens containing the maximum level of reprocessed material are not to be tested at less than 0.75 mm. Testing at the 0.75 mm thickness is representative of lower thicknesses.

8A.3.14 For mechanical tests, the color having shown the lowest property retention in the virgin material is to be tested and considered representative of the entire color range.

8A.4 Reprocessed Plastics specimens shall be prepared by following Method B (one-cycle) procedure as mentioned in 48.2.3 of the Standard for Polymeric Materials – Short Term Property Evaluations, UL 746A. If the reprocessed material exceeds 80 percent by weight, the specimens shall be made from reprocessed material manufactured by two complete process cycles of the virgin material.

NOTE – For example, if 50 percent by weight reprocessed material is intended to be used with 50 percent by weight virgin, specimens shall be made by blending $(50 \times 1.25) = 62.5$ percent by weight reprocessed material with 37.5 percent by weight virgin material. The portion of reprocessed material consists of one cycle molded, ground and repelletized virgin material.

8A.5 If the results of data comparison between the virgin material and the material containing reprocessed content compare favorably as specified in 8A.2.1 or 8A.3.1, the evaluation of thermal endurance property and other electrical properties are not required.

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