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Project Initiation Notification System (PINS)

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

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

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Addenda

BSR/AAMI/ISO 11737-1-202x/A1, Sterilization of health care products - Microbiological methods - Part 1: Determination of a population of microorganisms on products - Amendment 1 (addenda to ANSI/AAMI/ISO 11737-1-2018)

Stakeholders: Medical device manufacturers, testing laboratories, government and regulatory agencies, clinicians.

Project Need: Alignment with ISO standard and amendment.

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

Scope: Amendment to Clause 4, B.3.3.4 and Bibliography of ANSI/AAMI/ISO 11737-1:2018.

API (American Petroleum Institute)

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Revision

BSR/API MPMS Chapter 14.3.2, 6th Ed.-202x, Orifice Metering of Natural Gas and Other Related Hydrocarbon Fluids - Concentric, Square-edged Orifice Meters - Part 2: Specification and Installation Requirements (revision and redesignation of ANSI/API MPMS Chapter 14.3.2, 5th Ed.-2016)

Stakeholders: Manufacturers of orifice meters for metering natural gas and other hydrocarbon fluids, and users such as natural gas/petroleum/petrochemical operators, oil and gas companies, and service suppliers to these industries.

Project Need: The document needs a number of updates to align with other related documents. Updates to include a replacement to the current thermowell length limit calculation with a reference to ASME PTC 19.3TW in API RP-551 and in AGA 9. Develop an informative annex to identify the proper tools and procedures to measure small-bore meter tubes and a base flange materials for machining to comply with ASME B16.5. Create clarifying language relative to pre- and post-hydrostatic test dimensional measurement requirements, and clarify the proper placement window for thermowells downstream of the orifice plate in the body of the standard and/or as an annex.

Interest Categories: Operator-User: A petroleum company, including those engaged in gathering and/or processing oil and/or natural gas, or a petroleum pipeline company. Manufacturer-Service Supplier: A company fabricating a product/equipment specified in the standard; or an entity that is providing a service in compliance with the standard, such as a laboratory, inspection company, equipment calibration company; or an entity engaged primarily in storing (i.e., terminal) or transportation (i.e., marine, rail and trucking) operations of oil and natural gas. General Interest: A person, organization, or other entity that is neither of the above but has a direct and material interest in the product, operation, or practice described in the standard. Typically, this category includes consultants, regulatory bodies, government agencies, and the like.

Scope: This document establishes design and installation parameters for measurement of fluid flow using concentric, square-edged, flanged tapped orifice meters. This document outlines the various design parameters that shall be considered when designing metering facilities using orifice meters. The mechanical tolerances found in this document encompass a wide range of orifice diameter ratios for which experimental results are available.

ASC X9 (Accredited Standards Committee X9, Incorporated)

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New Standard

BSR X9.24-4-202X, Retail Financial Services Symmetric Key Management - Part 4: Host-to-Host Key Management using Unique Key Per Transaction (UKPT) (new standard)

Stakeholders: SCD vendors, Transaction processing hosts, Key loading facilities, Networks, PCI SSC

Project Need: Standard will provide an interoperable solution for automating management of Symmetric keys on a per-transaction basis between Hosts. Existing key management methods like DUKPT are focused on payment-originating device to host models, which do not translate well to managing keys between hosts.

Interest Categories: Producer, Consumer, General Interest.

Scope: Provides a standard supporting automated method(s) for the management of Symmetric keys between hosts on a per-transaction basis. Without a standard, organizations have created proprietary key management solutions for managing Host keys.

ASTM (ASTM International)

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New Standard

BSR/ASTM WK81312-202x, Reinstatement of E2227-13 Standard Guide for Forensic Examination of Non-Reactive Dyes in Textile Fibers by Thin-Layer Chromatography (new standard)

Stakeholders: Criminalistics Industries

Project Need: This standard is intended for use by competent forensic science practitioners with the requisite formal education, discipline-specific training (see Practice E2917), and demonstrated proficiency to perform forensic casework (see Practice E3255).

Scope: This guide is intended as an overview of the Thin-Layer Chromatography (TLC) of fiber colorants (or individual dye components) present in dyed fibers. It is intended to be applied within the scope of a broader analytical scheme for the forensic analysis of fiber samples. TLC could provide information that cannot be obtained through other color analyses (such as MSP).

ASTM (ASTM International)

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New Standard

BSR/ASTM WK81325-202x, New Specification for Standard Specification for Polyvinylidene Fluoride (PVDF) Pressurized Piping Systems (new standard)

Stakeholders: Vinyl Based Pipe Industries

Project Need: No standard exists to fully cover PVDF pressurized systems, which includes cohesive discussion on material, joining methods, dimensions and tolerances, and the like. The users of this standard will be engineers and designers looking to specify high-performance plastic piping that can withstand higher temperatures and more chemicals than chlorinated vinyl or olefin plastic piping systems.

Scope: The development of specifications for plastic pipe, fittings, and appurtenances; practices for joining and installing plastic pipes; test methods; terminology, systems and services specific to plastic piping systems and the stimulation of related research.

AWS (American Welding Society)

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Revision

BSR/AWS G1.6-202x, Specification for the Training, Qualification, and Company Certification of Thermoplastic Welding Inspector Specialists and Thermoplastic Welding Inspector Assistants (revision of ANSI/AWS G1.6-2022)

Stakeholders: Thermoplastic welders, thermoplastic welding inspectors, personnel and companies involved in thermoplastic welding

Project Need: This project is needed to enable companies to certify thermoplastic welding inspector specialists and thermoplastic welding inspector assistants.

Interest Categories: Producers, Users, Consultants, Educators, General Interest.

Scope: This specification defines the requirements and program for an employer (company) to train, qualify, and company certify Thermoplastic Welding Inspector Specialists and Thermoplastic Welding Inspector Assistants to contract or industry-specific inspector standards. The program is developed as a written practice and controlled by an employer. The qualification requires documentation of experience, training, and satisfactory completion of an examination. The examination tests knowledge of welding processes, welding procedures, welder qualification, destructive testing, nondestructive testing, terms, definitions, symbols, reports, records, safety, and responsibility as specifically applied by the contract or industry standards applicable to the employer.

DASMA (Door and Access Systems Manufacturers Association)

Christopher Johnson; dasma@dasma.com | 1300 Sumner Avenue | Cleveland, OH 44115

Revision

BSR/DASMA 105-202x, Test Method for Thermal Transmittance and Air Infiltration of Garage Doors and Rolling Doors (revision of ANSI/DASMA 105-2017)

Stakeholders: Commercial and residential building architects and specifiers, garage door producers, rolling door producers

Project Need: Review and revise current standard.

Interest Categories: Producer, User, General Interest.

Scope: The purpose of this test method is to measure the thermal characteristics of sectional garage doors and rolling doors under steady-state conditions. Specifically, the measurements and calculations made will yield the steady-state thermal transmittance (U) using a hot-box apparatus and the air-infiltration rate.

DASMA (Door and Access Systems Manufacturers Association)

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New Standard

BSR/DASMA 110-202x, Standard for Lifting Cables for Sectional Type Doors (new standard)

Stakeholders: Commercial and residential building architects and specifiers, garage door producers, garage door installers

Project Need: This standard was developed by the Technical Committee of the DASMA Commercial & Residential Garage Door Division. It incorporates years of experience applying standards and performance specifications to lifting cables for sectional garage doors when used as an integral component of a counterbalance system.

Interest Categories: Producer, User, General Interest.

Scope: This standard defines the minimum standards and performance specifications for lifting cables for sectional type doors when used as an integral component of a counterbalance system. Counterbalance systems may be composed of torsion spring(s), extension spring(s), or counterweights, as described in ANSI/DASMA 103.

DASMA (Door and Access Systems Manufacturers Association)

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Revision

BSR/DASMA 115-202x, Standard Method for Testing Sectional Doors, Rolling Doors, and Flexible Doors: Determination of Structural Performance Under Missile Impact and Cyclic Wind Pressure (revision of ANSI/DASMA 115-2017)

Stakeholders: Manufacturers, installers, specifiers of commercial and/or residential garage doors, rolling doors, high performance doors. Building code officials.

Project Need: This standard will provide a uniform basis of testing and rating the structural performance of such doors under missile impact and cyclic wind pressure.

Interest Categories: Producer, User, General Interest.

Scope: This test method determines the structural performance of sectional doors, rolling doors, and flexible door assemblies impacted by missiles and subsequently subjected to cyclic static pressure differentials.

HPS (ASC N13) (Health Physics Society)

Amy Wride-Graney; awride-graney@burkinc.com | 1313 Dolley Madison Blvd, Suite 402 | McLean, VA 22101 www.hps.org

Revision

BSR HPS N13.45-202x, Incineration of Low-Level Radioactive Waste (revision of ANSI N13.45-2012)

Stakeholders: Medical centers, universities, and research institutions

Project Need: Review/revision of this existing standard is needed to ensure that it reflects current regulatory standards and guidance.

Scope: This standard provides guidelines for incineration of combustible forms of low-level radioactive waste. It addresses the siting, licensing, permitting, operation, and monitoring of the incinerator operation; disposal of residues; and decontamination and decommissioning. This standard may be applied to incineration of mixed wastes (i.e., radioactive wastes that contain other hazardous components as defined by federal or state agencies), provided consideration is given to additional design features and regulatory permitting required by the hazardous nature of the wastes. For purposes of this standard, incineration is considered a treatment or volume-reduction technique rather than a disposal mechanism.

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

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National Adoption

INCITS/ISO/IEC 14443-4:2018/AM 1:2021 [202x], Cards and security devices for personal identification -

Contactless proximity objects - Part 4: Transmission protocol - Amendment 1: Dynamic power level management (identical national adoption of ISO/IEC 14443-4:2018/AM1:2021)

Stakeholders: ICT Industry

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

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

Scope: Amendment 1 to ISO/IEC 14443-4:2018.

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

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National Adoption

INCITS/ISO/IEC 24775-1:2021 [202x], Information technology - Storage management - Part 1: Overview (identical national adoption of ISO/IEC 24775-1:2021 and revision of INCITS/ISO/IEC 24775-1:2014 [R2021])

Stakeholders: ICT Industry

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

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

Scope: Defines an interface for the secure, extensible, and interoperable management of a distributed and heterogeneous storage system. This interface uses an object-oriented, XML-based, messaging-based protocol designed to support the specific requirements of managing devices and subsystems in this storage environment. Using this protocol, this ISO/IEC 24775-1:2021 describes the information available to a WBEM Client from an SMI-S compliant WBEM Server.

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

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National Adoption

INCITS/ISO/IEC 24775-2:2021 [202x], Information technology - Storage management - Part 2: Common Architecture (identical national adoption of ISO/IEC 24775-2:2021 and revision of INCITS/ISO/IEC 24775-2:2014 [R2021])

Stakeholders: ICT Industry

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

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

Scope: Defines the core architecture and protocols in SMI-S. The components of SMI-S architecture include: Transport - Communicating management information between constituents of the management system; Health and fault management - Detecting failures through monitoring the state of storage components, General information about the object model;

Names - How SMI-S uses names to allow applications to correlate across SMI-S and to other standards;

Standard messages - How exceptions are presented to client applications;

Service discovery - Techniques clients use to discover SMI-S services;

Installation and upgrade - Recommendations for implementations.

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

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National Adoption

INCITS/ISO/IEC 24775-3:2021 [202x], Information technology - Storage management - Part 3: Common profiles (identical national adoption of ISO/IEC 24775-3:2021 and revision of INCITS/ISO/IEC 24775-3:2014 [R2021])

Stakeholders: ICT Industry

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

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

Scope: Defines profiles that are supported by profiles defined in the other parts of this standard. The first few clauses provide background material that helps explain the purpose and profiles. Common port profiles are grouped together since they serve as transport-specific variations of a common model. The port profiles are followed by other common profiles.

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

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National Adoption

INCITS/ISO/IEC 24775-4:2021 [202x], Information technology - Storage management - Part 4: Block devices (identical national adoption of SO/IEC 24775-4:2021 and revision of INCITS/ISO/IEC 24775-4:2014 [R2021])

Stakeholders: ICT Industry

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

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

Scope: Defines an interface for the secure, extensible, and interoperable management of a distributed and heterogeneous storage system. This interface uses an object-oriented, XML-based, messaging-based protocol designed to support the specific requirements of managing devices and subsystems in this storage environment. Using this protocol, this e ISO/IEC 24775-4:2021 describes the information available to a WBEM Client from an SMI-S compliant WBEM Server.

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

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National Adoption

INCITS/ISO/IEC 24775-5:2021 [202x], Information technology - Storage management - Part 5: File systems (identical national adoption of ISO/IEC 24775-5:2021 and revision of INCITS/ISO/IEC 24775-5:2014 [R2021])

Stakeholders: ICT Industry

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

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

Scope: Defines the core architecture and protocols in SMI-S. The components of SMI-S architecture include:
 Transport - Communicating management information between constituents of the management system;
 Health and fault management - Detecting failures through monitoring the state of storage components, General information about the object model;
 Names - How SMI-S uses names to allow applications to correlate across SMI-S and to other standards;
 Standard messages - How exceptions are presented to client applications;
 Service discovery - Techniques clients use to discover SMI-S services;
 Installation and upgrade - Recommendations for implementations.

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

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National Adoption

INCITS/ISO/IEC 24775-6:2021 [202x], Information technology - Storage management - Part 6: Fabric (identical national adoption of ISO/IEC 24775-6:2021 and revision of INCITS/ISO/IEC 24775-6:2014 [R2021])

Stakeholders: ICT Industry

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

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

Scope: Defines management profiles for Autonomous (top level) profiles for programs and devices whose central function is providing support for storage networking. This version of Storage Management Technical Specification, Part 6: Fabric, includes these autonomous profiles: Fabric, Switch and Extender.

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

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National Adoption

INCITS/ISO/IEC 24775-7:2021 [202x], Information technology - Storage management - Part 7: Host elements (identical national adoption of ISO/IEC 24775-7:2021 and revision of INCITS/ISO/IEC 24775-7:2014 [R2021])

Stakeholders: ICT Industry

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

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

Scope: Defines management profiles for autonomous, component, and abstract profiles for management of host-based storage devices. The autonomous profiles describe the management of a stand-alone host-based storage entity. The component profiles describe management of aspects of host-based storage entities that may be used by other autonomous profiles. Finally, this section describes abstract profiles that may be used as a basis for creating additional host-based autonomous profiles.

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

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National Adoption

INCITS/ISO/IEC 24775-8:2021 [202x], Information technology - Storage management - Part 8: Media libraries (identical national adoption of ISO/IEC 24775-8:2021 and revision of INCITS/ISO/IEC 24775-8:2014 [R2021])

Stakeholders: ICT Industry

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

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

Scope: Models various details of the following objects of the media library for monitoring: Library, Drives, Changer Devices, Slots, IO Slots, SCSI Interfaces and SCSI and FC Target Ports, Physical Tapes, Physical Package, and Magazines.

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

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National Adoption

INCITS/ISO/IEC 30147:2021 [202x], Information technology - Internet of things - Methodology for trustworthiness of IoT system/service (identical national adoption of ISO/IEC 30147:2021)

Stakeholders: ICT Industry

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

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

Scope: Provides system life cycle processes to implement and maintain trustworthiness in an IoT system or service by applying and supplementing ISO/IEC/IEEE 15288:2015. The system life cycle processes are applicable to IoT systems and services common to a wide range of application areas.

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

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National Adoption

INCITS/ISO/IEC 30165:2021 [202x], Internet of Things (IoT) - Real-time IoT framework (identical national adoption of ISO/IEC 30165:2021)

Stakeholders: ICT Industry

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

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

Scope: Specifies the framework of a real-time IoT (RT-IoT) system, including: RT-IoT system conceptual model based on domain-based IoT reference model defined in ISO/IEC 30141; impacts of real-time parameters in terms of four viewpoints (time, communication, control, and computation).

NENA (National Emergency Number Association)

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New Standard

BSR/NENA STA-046.3-202x, NENA Virtual PSAP Management Standard (new standard)

Stakeholders: 9-1-1 producers, 9-1-1 users, and general interest users

Project Need: Convert the current NENA Virtual PSAP Management document, originally published in 2009, to an ANS as well as update content to incorporate best practices gathered from real-world examples observed during events such as COVID-19 and other events where PSAPs have to employ non-traditional solutions to ensure continuity of operations.

Scope: Utilizing lessons learned during the COVID pandemic and other significant events (natural or man-made), the proposed standard will document standardized recommendations for PSAPs to address future needs where traditional brick and mortar operations are not feasible to maintain service delivery to the public. The proposed standard will discuss the operational and technical considerations for working in virtual/remote environments, including but not limited to. staffing, workforce management, and emergency call handling considerations.

NENA (National Emergency Number Association)

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New Standard

BSR/NENA STA-047.1-202x, NENA Standards for NG9-1-1 Operational Diversity and Redundancy (new standard)

Stakeholders: 9-1-1 Producers, 9-1-1 Users, General Interest

Project Need: Develop a Standard detailing best practices for operating a Next Generation 9-1-1 system with specific emphasis on avoiding outages impacting the performance of the system.

Scope: The document is a resource for NG9-1-1 System providers that provide a service to 9-1-1 Authorities; however, any 9-1-1 Authority that procures NG9-1-1 products and operates the NG9-1-1 system themselves should also implement the proposed best practices. The best practices included in this document will cover relevant issues related to the hiring, training, and management of staff involved in NG9-1-1 System Operations. Events or situations encountered during the operation of a NG9-1-1 system will also be included. Appropriate staff must address the root cause of the outage and develop strategies to address it without doing additional harm. Responsibility roles and expectations must be clearly defined.

NENA (National Emergency Number Association)

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Revision

BSR/NENA/APCO STA-050.3-202x, NENA/APCO Standard for Telecommunicator Emergency Response Taskforce (TERT) Deployment (revision of ANSI/APCO/NENA 1.105.2-2015)

Stakeholders: Anyone in the 9-1-1 or public safety industry.

Project Need: Revision and redesignation of standard to assist Emergency Communications Centers (ECCs) and governing 9-1-1 authorities with the information required for developing, training, equipping, and deploying a standardized TERT team. TERT is the concept of communications-specific mutual aid between ECCs to provide trained ECC personnel during emergency situations. It is imperative that ECCs plan for emergency circumstances that adversely affect their ability to adequately staff their center. This document includes information to provide guidance and helpful information regarding the development, maintenance, and deployment of a Telecommunicator Emergency Response Taskforce (TERT).

Interest Categories: 9-1-1 users, producers, and general interest

Scope: This document includes information to provide guidance and helpful information regarding the development, maintenance, and deployment of a Telecommunicator Emergency Response Taskforce (TERT).

TIA (Telecommunications Industry Association)

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National Adoption

BSR/TIA 622.4-202x, IEC 61755-2-4 -Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 2-4: Connection parameters of non-dispersion shifted single-mode physically contacting fibres - Non-angled for reference connection applications (identical national adoption of IEC 61755-2-4)

Stakeholders: Telcom and Data Communications, Fiber Optics users and manufacturers

Project Need: Adopt identical ISO or IEC Standard.

Interest Categories: User, Producer and General Interest

Scope: Adoption of IEC 61755-2-4 -Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 2-4: Connection parameters of non-dispersion shifted single-mode physically contacting fibres - Non-angled for reference connection applications as ANSI/TIA 622.4

TIA (Telecommunications Industry Association)

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National Adoption

BSR/TIA 622.5-202x, Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 2-5: Connection parameters of non-dispersion shifted single-mode physically contacting fibres - Angled for reference connection applications (identical national adoption of IEC 61755-2-5)

Stakeholders: Telcom and Data Communications, Fiber Optics users and manufacturers

Project Need: Adopt identical ISO or IEC Standard.

Interest Categories: User, Producer and General Interest

Scope: Adoption of IEC 61755-2-5 -Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 2-5: Connection parameters of non-dispersion shifted single-mode physically contacting fibres - Angled for reference connection applications as ANSI/TIA 622.5

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: May 8, 2022

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

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Addenda

BSR/ASHRAE Addendum 62.1j-202x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)

The underlying principles of dilution are rooted in mass balance and the rates in the standard are reported in standard CFM, as indicated by Section 6.2.1.1.3. The standard presently allows the designer to adjust for actual air density, but a survey of actual design practice indicates that this correction is rarely if ever applied to the ventilation rates. Therefore, the committee is proposing that the rates be adjusted for actual air density, which is primarily driven by the elevation of the outdoor air intake. Adjustments for temperature and humidity play a much less significant role in density, so the designer is generally permitted to neglect these considerations, although it should be noted that areas of extreme temperature and humidity could consider these effects, which may reduce the elevation adjustments for regions with extremely cold temperatures or regions with extremely high humidity. The committee recognizes that this change will increase required ventilation rates in most areas.

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

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

Comment Deadline: May 8, 2022

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

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

Addenda

BSR/ASHRAE Addendum 62.2m-202x, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2019)

This proposed addendum increases the designated minimum efficiency of certain filters from MERV 6 to MERV 11, with comparable increases to minimum particle size efficiencies established using AHRI Standard 680. This change is proposed to improve indoor air quality by reducing the concentration of particulate matter, specifically by establishing a minimum performance to address particulates with a diameter of 0-2.5 μm .

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

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

EOS/ESD (ESD Association, Inc.)

218 W. Court Street, Rome, NY 13440 | jkirk@esda.org, www.esda.org

Revision

BSR/ESD STM9.1-202x, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Footwear and Foot Grounders - Resistive Characterization (revision, redesignation and consolidation of ANSI/ESD STM9.1-2014, ANSI/ESD SP9.2-2019)

This standard test method applies to all footwear and foot grounders, including, but not limited to shoes, boots, heel straps, toe grounders, sole grounders, and shoe covers/booties.

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

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

OPEI (Outdoor Power Equipment Institute)

1605 King Street, 3rd Floor, Alexandria, VA 22314 | bmartin@opei.org, www.opei.org

Addenda

BSR/OPEI 60335-2-107 Amd.2-202x, Standard for Outdoor Power Equipment - Household and similar electrical appliances - Safety - Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers (addenda to ANSI/OPEI 60335-2-107-2020)

This is the second proposed amendment to the OPEI 60335-2-107-2020 Amd.1 standard, particular requirements for robotic battery powered electrical lawnmowers, that aligns the standard to IEC 60335-2-107:2017/AMD2:2021. This ANSI/OPEI standard specifies safety requirements and their verification for the design and construction of robotic battery-powered electrical rotary lawnmowers and their peripherals with the rated voltage of the battery being not more than 75V d.c. This standard deals with all the significant hazards presented by battery-powered robotic lawnmowers and their peripherals when they are used as intended and under conditions of misuse which are reasonably foreseeable. This standard also provides requirements for the safety of mains powered charging stations and signal sources for perimeter delimiters.

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

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

Comment Deadline: May 8, 2022

UL (Underwriters Laboratories)

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

National Adoption

BSR/UL 60079-13-202x, Standard for Safety for Explosive Atmospheres - Part 13: Equipment Protection by Pressurized Room p and Artificially Ventilated Room v (national adoption of IEC 60079-13 with modifications and revision of ANSI/UL 60079-13-2020)

This proposal provides revisions to the proposal document dated September 3, 2021 per comments received.

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

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

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | patricia.a.sena@ul.org, <https://ul.org/>

Revision

BSR/UL 1066-202x, Standard for Low-Voltage AC and DC Power Circuit Breakers Used in Enclosures (April 8, 2022) (revision of ANSI/UL 1066-2017)

This proposal covers: (1) Proposed binational standard for Low-Voltage Power Circuit Breakers up to 1000V AC and 1500 V DC Used in Enclosures.

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

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

UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 | Marcia.M.Kawate@ul.org, <https://ul.org/>

Revision

BSR/UL 1072-202x, Standard for Safety for Medium-Voltage Power Cables (revision of ANSI/UL 1072-2020)

The following topic is being proposed: (1) Revisions to vertical tray flame test requirements.

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

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

UL (Underwriters Laboratories)

333 Pflingsten Road, Northbrook, IL 60062-2096 | jeffrey.prusko@ul.org, <https://ul.org/>

Revision

BSR/UL 1315-202x, Standard for Safety for Safety Containers for Waste Paper (revision of ANSI/UL 1315-2003 (R2017))

Merging of UL 242, Standard for Safety for Nonmetallic Containers for Waste Paper with UL 1315, Standard for Safety for Metal Waste Paper Containers to form a new standard, the Standard for Safety for Safety Containers for Waste Paper.

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

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

Comment Deadline: May 23, 2022

AARST (American Association of Radon Scientists and Technologists)

527 N. Justice Street, Hendersonville, NC 28739 | StandardsAssist@gmail.com, www.aarst.org

Revision

BSR/AARST MAH-202x, Protocol for Conducting Measurements of Radon and Radon Decay Products in Homes (revision of ANSI/AARST MAH-2019)

This standard of practice specifies procedures and minimum requirements when measuring radon concentrations in single-family residences for determining if radon mitigation is necessary to protect current and future occupants. The proposed assorted updates are the result of continuous maintenance improvements.

Single copy price: \$TBD

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

Order from: Gary Hodgden; StandardsAssist@gmail.com

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

AARST (American Association of Radon Scientists and Technologists)

527 N. Justice Street, Hendersonville, NC 28739 | StandardsAssist@gmail.com, www.aarst.org

Revision

BSR/AARST MALB-202x, Protocol for Conducting Measurements of Radon and Radon Decay Products in Schools and Large Buildings (revision of ANSI/AARST MALB-2014)

This standard of practice specifies procedures and minimum requirements when measuring radon concentrations in shared structures, or portions of shared structures, used for residential, non-residential or mixed use purposes to determine if radon mitigation is necessary to protect current and future occupants. The proposed assorted updates are the result of continuous maintenance and harmonization efforts for AARST MAMF and AARST MALB.

Single copy price: \$TBD

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

Order from: Gary Hodgden; StandardsAssist@gmail.com

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

Comment Deadline: May 23, 2022

AARST (American Association of Radon Scientists and Technologists)

527 N. Justice Street, Hendersonville, NC 28739 | StandardsAssist@gmail.com, www.aarst.org

Revision

BSR/AARST MAMF-202x, Protocol for Conducting Measurements of Radon and Radon Decay Products in Multifamily Buildings (revision of ANSI/AARST MAMF-2017)

This standard of practice specifies procedures and minimum requirements when measuring radon concentrations in shared structures, or portions of shared structures, used for residential, non-residential or mixed use purposes to determine if radon mitigation is necessary to protect current and future occupants.

The proposed assorted updates are the result of continuous maintenance and harmonization efforts for AARST MAMF and AARST MALB.

Single copy price: \$TBD

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

Order from: Gary Hodgden; StandardsAssist@gmail.com

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

ABTG (Applied Building Technology Group)

6300 Enterprise Lane, Madison, WI 53719 | tkutz@qualtim.com, www.appliedbuildingtech.com

New Standard

BSR/ABTG FS 200.1-202x, Standard for Use of Foam Plastic Insulating Sheathing (FPIS) in Building Envelopes: Above-grade Walls (new standard)

The purpose of this standard establishes minimum requirements for applications of Foam Plastic Insulating Sheathing (FPIS) in the design and construction of building envelopes: specifically, above-grade walls. The scope of this standard addresses FPIS materials Expanded polystyrene (EPS), Extruded polystyrene (XPS) and Polyisocyanurate (Polyiso) that comply with ASTM C578 or ASTM C1289 for use on above-grade walls. This standard supplements the locally applicable building code and energy conservation code requirements.

Single copy price: Free of charge

Obtain an electronic copy from: https://www.appliedbuildingtech.com/sites/default/files/220209_fs200.1_draft_for_public_ballot.pdf

Send comments (copy psa@ansi.org) to: <https://www.surveymonkey.com/r/X2QXHT5>

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC H-35-202x, Powering and Load Capacity of Pontoon Boats (revision of ANSI/ABYC H-35-2017)

This standard is a guide for determining powering and load capacity of pontoon boats. This standard applies to all pontoon boats powered by machinery.

Single copy price: \$50.00

Obtain an electronic copy from: www.abycinc.org

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

Comment Deadline: May 23, 2022

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC S-31-202x, Environmental Considerations for Electronic Systems and Components Installed on Boats (revision of ANSI/ABYC S-31-2017)

This standard addresses the qualifications of electronic systems and electronic components intended to be used on boats. This standard, or any specific section thereof, applies when referenced or specified in any ABYC standard. Applicable pass/fail criteria and testing levels are dictated by the referencing standard.

Single copy price: \$50.00

Obtain an electronic copy from: abycinc.org

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

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | lescobar@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2022 TR 2017-28-202x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2022)

Add the methods of grinding, composite sleeves, and direct deposition welding to the type of repairs allowed for transmission pipelines.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

Order from: Betsy Tansey; btansey@aga.org

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

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | lescobar@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2022 TR 2017-30-202x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2022)

To add GM and references regarding gathering pipelines to certain sections of GM.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

Order from: Betsy Tansey; btansey@aga.org

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

Comment Deadline: May 23, 2022

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | lescobar@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2022 TR 2017-39-202x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2022)

Provide Guide Material on what to do when the gas company detects liquid hydrocarbons in the wall of their pipe (bubbles appearing on the pipe during the heat fusion process).

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

Order from: Betsy Tansey; btansey@aga.org

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

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | lescobar@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2022 TR 2019-63-202x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2022)

Review existing GM and revise as appropriate in light of Amendment 192-125.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

Order from: Betsy Tansey; btansey@aga.org

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

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | lescobar@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2022 TR 2020-03-202x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2022)

Align Vault definition to code requirements.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

Order from: Betsy Tansey; btansey@aga.org

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

Comment Deadline: May 23, 2022

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | lescobar@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2022 TR 2020-26-202x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2022)

GM reference investigation and possible correction.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

Order from: Betsy Tansey; btansey@aga.org

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

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | lescobar@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2022 TR 2021-02-202x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2022)

Appendix G-192-17 lists "192.65(a)(2)" in the table which aids operators on records, procedures, etc.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

Order from: Betsy Tansey; btansey@aga.org

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

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | lescobar@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2022 TR 2021-12-202x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2022)

Review and revise in light of Amdt 192-128.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

Order from: Betsy Tansey; btansey@aga.org

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

Comment Deadline: May 23, 2022

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | lescobar@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2022 TR 2021-30-202x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2022)

Review GM 1.10(a)(8) for usage of the NFL-trademarked term "Super Bowls" and consider an alternative to describe large sporting events.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

Order from: Betsy Tansey; btansey@aga.org

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

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | lescobar@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2022 TR 2021-35-202x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2022)

Review and revise applicable GM to ensure inclusion of PA-12.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

Order from: Betsy Tansey; btansey@aga.org

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

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001-5571 | fusarop@api.org, www.api.org

Reaffirmation

BSR/API MPMS 14.3.1-2011 (R202x), Concentric, Square-Edged Orifice Meters - Part 1: General Equations and Uncertainty Guidelines (reaffirmation of ANSI/API MPMS 14.3.1-2011 (R2021))

This standard provides a single reference for engineering equations, uncertainty estimations, construction and installation requirements, and standardized implementation recommendations for the calculation of flow rate through concentric, square-edged, flange-tapped orifice meters.

Single copy price: \$196

Obtain an electronic copy from: fusarop@api.org

Order from: Patty Fusaro, fusarop@api.org

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

Comment Deadline: May 23, 2022

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 | burklek@api.org, www.api.org

Reaffirmation

BSR/API Recommended Practice 19G4 (ISO 17078-4)-2011 (R202x), Practices for Sidepocket Mandrels and Related Equipment (reaffirm a national adoption ANSI/API 19G4 (ISO 17078-4)-2011)

Provides informative documentation to assist the user/purchaser and the supplier/manufacturer in specification, design, selection, testing, calibration, reconditioning, installation, and use of side-pocket mandrels, flow control devices, and associated latches and installation tools.

Single copy price: \$168.00

Obtain an electronic copy from: burklek@api.org

Order from: Katie Burkle; burklek@api.org

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

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 | burklek@api.org, www.api.org

Reaffirmation

BSR/API Specification 19G3 (ISO 17078-3)-2011 (R202x), Running Tools, Pulling Tools and Kickover Tools and Latches for Sidepocket Mandrels (reaffirm a national adoption ANSI/API Specification 19G3 (ISO 17078-3)-2011)

Provides requirements and guidelines for running tools, pulling tools, kick-over tools and latches used for the installation and retrieval of flow control and other devices to be installed in side-pocket mandrels for use in the petroleum and natural gas industries. This includes requirements for specifying, selecting, designing, manufacturing, quality control, testing, and preparation for shipping of these tools and latches. Additionally, it includes information regarding performance testing and calibration procedures.

Single copy price: \$157.00

Obtain an electronic copy from: burklek@api.org

Order from: Katie Burkle; burklek@api.org

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

Comment Deadline: May 23, 2022

ASABE (American Society of Agricultural and Biological Engineers)

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

National Adoption

BSR/ASABE/ISO 12003-1-MONYEAR-202x, Tractors for agriculture and forestry - Roll-over protective structures on narrow tractors - Part 1: Front-mounted ROPS (identical national adoption of ISO 12003-1:2021 and revision of ANSI/ASABE/ISO 12003-1-SEP17)

Specifies procedures for both the static and dynamic strength testing of roll-over protective structures (ROPS) front-mounted on narrow tractors. It defines the clearance zone and acceptance conditions for rigid or tiltable, front, two-post ROPS, including any associated rear fixtures, and is applicable to tractors so equipped having the following characteristics:

- a ground clearance of not more than 600 mm beneath the lowest points of the front- and rear-axle housings (not considering lower points on the axle differential);
- a fixed or adjustable minimum track width of one of the two axles of less than 1,150 mm; a mass greater than 400 kg but less than 3,500 kg, unballasted, including the ROPS and tyres of the largest size recommended by the manufacturer;
- fitted with roll-over protective structures of the dual-pillar-type mounted only in front of the seat index point (SIP) and characterised by a reduced clearance zone attributable to the tractor silhouette.

This document also specifies optional testing procedures for both seat anchorage points and folding efforts of front-mounted ROPS designed to fold.

Single copy price: \$51.00 (ASABE Members); \$75.00 (Non-ASABE Members)

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder; vangilder@asabe.org

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

Comment Deadline: May 23, 2022

ASABE (American Society of Agricultural and Biological Engineers)

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

National Adoption

BSR/ASABE/ISO 12003-2-202x MONYEAR, Tractors for agriculture and forestry - Roll-over protective structures on narrow tractors - Part 2: Rear-mounted ROPS (identical national adoption of ISO 12003-2:2021 and revision of ANSI/ASABE/ISO 12003-2-2008 SEP2107)

Specifies procedures for both the static and dynamic strength testing of roll-over protective structures (ROPS) rear-mounted on narrow tractors. It defines the clearance zone and acceptance conditions for rigid or tiltable, rear, two-post roll bar, frame, and cab ROPS, and is applicable to tractors so equipped having the following characteristics:

- a ground clearance of not more than 600 mm beneath the lowest points of the front and rear-axle housings (not considering lower points on the axle differential);
- a fixed or adjustable minimum track width of one of the two axles of less than 1,150 mm and with the overall width of the other axle being less than that of the first axle, including where the two axles are fitted with rims and tyres of the same size;
- a fixed driving position and a mass greater than 400 kg, unballasted, including the ROPS and tyres of the largest size recommended by the manufacturer;
- a reversible driving position (reversible seat and steering wheel), with a mass greater than 400 kg, unballasted, including the ROPS and tyres of the largest size recommended by the manufacturer and maximum unballasted mass less than 3,500 kg and maximum permissible mass less than 5,250 kg;
- a mass ratio less than 1.75;
- a ROPS of the rollbar, frame, or cab type, mounted partly or entirely behind the seat index point and having a zone of clearance whose upper limit is $(810 + av)$ mm above the seat index point in order to provide a sufficiently large area or unobstructed space for the protection of the driver. This document also specifies optional testing procedures for both seat anchorage points and folding efforts of rear-mounted ROPS designed to fold.

Single copy price: \$51.00 (ASABE Members); \$75.00 (Non-ASABE Members)

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder; vangilder@asabe.org

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

Comment Deadline: May 23, 2022

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

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

Addenda

BSR/ASHRAE Addendum 62.1ab-202x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)

Using CO₂ to control outdoor air ventilation rates, called Demand Control Ventilation (DCV), has become increasingly popular to achieve energy savings in buildings that have varying occupancy rates. Specific requirements are therefore needed on how to use CO₂ concentration for DCV. This proposed addendum adds differential CO₂ concentration setpoints above ambient to Table 6-1 specifically for use with CO₂ DCV systems. The values were determined based on steady-state equations and outdoor air ventilation rates from Table 6-1 based on the default occupant density and default air temperature and pressure; values of CO₂ generation rates based on activity level, gender, body mass, and age per ASTM D6245-2018 and Persily & de Jonge [2017]; assumptions regarding activity level and the mix of gender, body size, and age in each space based on SSPC judgment; zone air distribution effectiveness (E_z) equal to 1.0, because the CO₂ in the space is what is being controlled and the actual airflow delivery will automatically adjust for E_z less than or more than 1.0.

Single copy price: \$35.00

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

Order from: Send request to standards.section@ashrae.org

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

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK77984-202x, Specification for Physical Properties of Polyethylene Plastic Drainage Pipe and Fittings (new standard)

<https://www.astm.org/ansi-review>

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

Order from: Laura Klineburger; accreditation@astm.org

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

ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM D7778-2018 (R202x), Guide for Conducting an Interlaboratory Study to Determine the Precision of a Test Method (reaffirmation of ANSI/ASTM D7778-2018)

<https://www.astm.org/ansi-review>

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

Order from: Laura Klineburger; accreditation@astm.org

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

Comment Deadline: May 23, 2022

ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F1704-2012 (R202x), Test Method for Capture and Containment Performance of Commercial Kitchen Exhaust Ventilation Systems (reaffirmation of ANSI/ASTM F1704-2012 (R2017))

<https://www.astm.org/ansi-review>

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Reaffirmation

BSR/ASTM F1817-2017 (R202x), Test Method for Performance of Conveyor Ovens (reaffirmation of ANSI/ASTM F1817-2017)

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Reaffirmation

BSR/ASTM F2219-2014 (R202x), Test Methods for Measuring High-Speed Bat Performance (reaffirmation of ANSI/ASTM F2219-2014)

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Reaffirmation

BSR/ASTM F2800-2011 (R202x), Specification for Recirculating Hood System for Cooking Appliances (reaffirmation of ANSI/ASTM F2800-2011 (R2017))

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Reaffirmation

BSR/ASTM F2975-2012 (R202x), Test Method for Measuring the Field Performance of Commercial Kitchen Ventilation Systems (reaffirmation of ANSI/ASTM F2975-2012 (R2017))

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Reaffirmation

BSR/ASTM F3165-2016 (R202x), Specification for Throat Protective Equipment for Hockey Goaltenders (reaffirmation of ANSI/ASTM F3165-2016)

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Revision

BSR/ASTM D4477-202x, Specification for Rigid (Unplasticized) Poly(Vinyl Chloride) (PVC) Soffit (revision of ANSI/ASTM D4477-2021)

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Revision

BSR/ASTM D6299-202x, Practice for Applying Statistical Quality Assurance and Control Charting Techniques to Evaluate Analytical Measurement System Performance (revision of ANSI/ASTM D6299-2021)

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Revision

BSR/ASTM D7915-202x, Practice for Application of Generalized Extreme Studentized Deviate (GESD) Technique to Simultaneously Identify Multiple Outliers in a Data Set (revision of ANSI/ASTM D7915-2018)

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Revision

BSR/ASTM E230-202x, Specification for Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples (revision of ANSI/ASTM E230-2017)

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Revision

BSR/ASTM E585-202x, Specification for Compacted Mineral-Insulated, Metal-Sheathed, Base Metal Thermocouple Cable (revision of ANSI/ASTM E585-2018)

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Revision

BSR/ASTM E1354-202x, Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter (revision of ANSI/ASTM E1354-2017)

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Revision

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

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Revision

BSR/ASTM E2730-202x, Guide for Calibration and Use of Thermocouple Reference Junction Probes in Evaluation of Electronic Reference Junction Compensation Circuits (revision of ANSI/ASTM E2730-2021)

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Revision

BSR/ASTM E2750-202x, Guide for Extension of Data from Penetration Firestop System Tests Conducted in Accordance with ASTM E814 (revision of ANSI/ASTM E2750-2017)

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Revision

BSR/ASTM F714-202x, Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Outside Diameter (revision of ANSI/ASTM F714-2021A)

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Revision

BSR/ASTM F1776-202x, Specification for Eye Protective Devices for Paintball Sports (revision of ANSI/ASTM F1776-2021)

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Revision

BSR/ASTM F1955-202x, Test Method for Flammability of Sleeping Bags (revision of ANSI/ASTM F1955-2020)

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Revision

BSR/ASTM F2845-202x, Test Method for Measuring the Dynamic Stiffness (DS) and Cylindrical Coefficient of Restitution (CCOR) of Baseballs and Softballs (revision of ANSI/ASTM F2845-2014)

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Revision

BSR/ASTM F2879-202x, Specification for Eye Protective Devices for Airsoft Sports (revision of ANSI/ASTM F2879-2021)

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Withdrawal

ANSI/ASTM F2048-2009 (R2017), Practice for Reporting Slip Resistance Test Results (withdrawal of ANSI/ASTM F2048-2009 (R2017))

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Revision

BSR/CSA LNG 3.1-202x, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 1: General requirements and definitions (revision of ANSI/CSA LNG 3.1-2018)

This Standard specifies general requirements and definitions of liquefied natural gas fuel system components, intended for use on the types of motor vehicles as defined in Canada: CSA B109.2 or NFPA 52. It also provides general design principles and specifies requirements for instructions and marking. This Standard is not applicable to the following: (a) fuel containers; (b) stationary gas engines; (c) container mounting hardware; (d) electronic fuel management; and, (e) fuelling receptacles.

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Revision

BSR/CSA LNG 3.2-202x, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 2: Performance and general test methods (revision of ANSI/CSA LNG 3.2-2018)

This Standard specifies performance and general test methods of liquefied natural gas fuel system components, intended for use on the types of motor vehicles as defined in CSA B109.2 or NFPA 52. It also provides general design principles and specifies requirements for instructions and marking. This Standard is not applicable to the following: (a) fuel containers; (b) stationary gas engines; (c) container mounting hardware; (d) electronic fuel management; and (e) fuelling receptacles.

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Revision

BSR/CSA LNG 3.3-202x, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 3: Check valve (revision of ANSI/CSA LNG 3.3-2018)

This Standard specifies tests and requirements for the check valve, a liquefied natural gas fuel system components, intended for use on the types of motor vehicles as defined in CSA B109.2 or NFPA 52. It also provides general design principles and specifies requirements for instructions and marking. This Standard is not applicable to the following: a) fuel containers; b) stationary gas engines; c) container mounting hardware; d) electronic fuel management; and, e) fuelling receptacles.

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Revision

BSR/CSA LNG 3.4-202x, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 4: Manual valve (revision of ANSI/CSA LNG 3.4-2018)

This document specifies tests and requirements for the manual valve, a liquefied natural gas fuel system component intended for use on the types of motor vehicles defined in CSA B109.2 or NFPA 52. It also provides general design principles and specifies requirements for instructions and marking. This Standard is not applicable to the following: (a) fuel containers; (b) stationary gas engines; (c) container mounting hardware; (d) electronic fuel management; and (e) fuelling receptacles.

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Revision

BSR/CSA LNG 3.5-202x, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 5: Tank pressure gauge (revision of ANSI/CSA LNG 3.5-2018)

This document specifies tests and requirements for the tank pressure gauge, a liquefied natural gas fuel system component intended for use on the types of motor vehicles defined in CSA B109.2 or NFPA 52. It also provides general design principles and specifies requirements for instructions and marking. This Standard is not applicable to the following: (a) fuel containers; (b) stationary gas engines; (c) container mounting hardware; (d) electronic fuel management; and (e) fuelling receptacles.

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Revision

BSR/CSA LNG 3.7-202x, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 7: Pressure relief valve (revision of ANSI/CSA LNG 3.7-2018)

This document specifies tests and requirements for the pressure relief valve (PRV), a liquefied natural gas fuel system component intended for use on the types of motor vehicles defined in CSA B109.2 or NFPA 52. It also provides general design principles and specifies requirements for instructions and marking. This Standard is not applicable to the following: (a) fuel containers; (b) stationary gas engines; (c) container mounting hardware; (d) electronic fuel management; and (e) fuelling receptacles.

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Revision

BSR/CSA LNG 3.8-202x, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 8: Excess flow valve (revision of ANSI/CSA LNG 3.8-2018)

This document specifies tests and requirements for the excess flow valve, a liquefied natural gas fuel system component intended for use on the types of motor vehicles defined in CSA B109.2 or NFPA 52. It also provides general design principles and specifies requirements for instructions and marking. This Standard is not applicable to the following: (a) fuel containers; (b) stationary gas engines; (c) container mounting hardware; (d) electronic fuel management; and (e) fuelling receptacles.

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Revision

BSR/CSA LNG 3.9-202x, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 9: Gas-tight housing and ventilation hose (revision of ANSI/CSA LNG 3.9-2018)

This document specifies tests and requirements for the gas-tight housing and ventilation hose, a liquefied natural gas fuel system component intended for use on the types of motor vehicles defined in CSA B109.2 or NFPA 52. It also provides general design principles and specifies requirements instructions and marking. This Standard is not applicable to the following: (a) fuel containers; (b) stationary gas engines; (c) container mounting hardware; (d) electronic fuel management; and (e) fuelling receptacles.

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Revision

BSR/CSA LNG 3.10-202x, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 10: Rigid fuel line in stainless steel (revision of ANSI/CSA LNG 3.10-2018)

This document specifies tests and requirements for the rigid fuel line in stainless steel, a liquefied natural gas fuel system component intended for use on the types of motor vehicles defined in CSA B109.2 or NFPA 52. It also provides general design principles and specifies requirements for instructions and marking. This Standard is not applicable to the following: (a) fuel containers; (b) stationary gas engines; (c) container mounting hardware; (d) electronic fuel management; and (e) fuelling receptacles.

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Revision

BSR/CSA LNG 3.11-202x, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 11: Fittings (revision of ANSI/CSA LNG 3.11-2018)

This document specifies tests and requirements for the fittings, a liquefied natural gas fuel system component intended for use on the types of motor vehicles defined in CSA B109.2 or NFPA 52. It also provides general design principles and specifies requirements for instructions and marking. This Standard is not applicable to the following: (a) fuel containers; (b) stationary gas engines; (c) container mounting hardware; (d) electronic fuel management; and (e) fuelling receptacles.

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Revision

BSR/CSA LNG 3.12-202x, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 12: Rigid fuel line in copper and its alloys (revision of ANSI/CSA LNG 3.12-2018)

This document specifies tests and requirements for the rigid fuel line in copper and its alloys, a liquefied natural gas fuel system component intended for use on the types of motor vehicles defined in CSA B109.2 or NFPA 52. It also provides general design principles and specifies requirements for instructions and marking. This Standard is not applicable to the following: (a) fuel containers; (b) stationary gas engines; (c) container mounting hardware; (d) electronic fuel management; and (e) fuelling receptacles.

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Revision

BSR/CSA NGV 5.2-202x, Vehicle fueling appliances (VFA) (revision of ANSI/CSA NGV 5.2-2017 (R2021))
This Standard details mechanical, physical, and electrical requirements for a newly manufactured appliance that dispenses natural gas for vehicles directly into the vehicle natural gas fuel storage systems from natural gas distribution systems or supply systems other than residential gas systems, referred to as vehicle fueling appliances (VFA). (NOTE: Residential fueling appliances (RFA) are addressed in CSA Standard NGV 5.1.) These requirements apply to compressed natural gas appliances for installation in commercial, non-residential locations and non-retail fueling facilities.

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CTA (Consumer Technology Association)

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Revision

BSR/CTA 2045.2-A-202x, Modular Communications Interface for Generic Display Message Set (revision of ANSI/CTA 2045.2-2014)

This specification is an extension of the ANSI/CTA 2045-A, Modular Communications Interface (MCI) for Energy Management Specification. It presents messages and methods that enable generic message display over the MCI interface.

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ECIA (Electronic Components Industry Association)

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New Standard

BSR/EIA 364-122-202x, Safety Holes Test Procedure for Electrical Connectors (new standard)

This test standard covers a test method to determine the strength of a safety wire (lock wire) when threaded through a lock wire hole in a connector.

Single copy price: \$75.00

Obtain an electronic copy from: <https://global.ihs.com/>

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New Standard

BSR/EIA 364-123-202x, High Temperature Exposure with Contact Loading Test Procedure for Electrical Connectors (new standard)

This test procedure establishes a test method to determine with high temperature exposure to the connector, the contacts shall maintain their specified locations and there shall be no electrical discontinuity while the contact is under a load.

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Reaffirmation

BSR/EIA 364-12A-2005 (R202x), Restricted Entry Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-12A-2005 (R2017))

This standard establishes a test method to determine the ability of socket contacts, classified as restricted entry types, to prevent the insertion of an oversized pin.

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Reaffirmation

BSR/EIA 364-62A-2004 (R202x), Terminal Strength Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-62A-2004 (R2017))

This standard establishes test methods to determine the ability of the terminals of an electrical connector to withstand the mechanical stresses likely to be applied during normal assembly operations. This test method is limited to standard flat type through hole terminations, such as those typically used in connector or socket type products, that have a material thickness no thicker than 0.30 millimeters (0.012 inch). Test methods for printed circuit terminals and solderless wrap terminals are included in this standard.

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Reaffirmation

BSR/EIA 364-81A-2005 (R202x), Combustion Characteristics Test Procedure for Electrical Connector Housings, Connector Assemblies and Sockets (reaffirmation of ANSI/EIA 364-81A-2005 (R2017))

This standard establishes test method that may be used to characterize the resistance of connector/socket housings, including composite housings in their as molded condition with and without contacts relative to flammability for a particular application.

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Send comments (copy psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)

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

Reaffirmation

BSR/EIA 364-91B-2016 (R202x), Dust Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-91B-2016)

This standard establishes a test method to determine the susceptibility of an electrical connector or socket system to the potential degradation mechanism of a dust/fiber environment common to an office or manufacturing area.

Single copy price: \$76.00

Obtain an electronic copy from: global.ihs.com

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

Send comments (copy psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)

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

Revision

BSR/EIA 364-15D-202x, Contact Strength Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-15C-2016)

This standard establishes a test method to determine the exposed contact (pin or socket) strength for contact sizes 20 and smaller when subjected to a defined bending stress (or moment).

Single copy price: \$75.00

Obtain an electronic copy from: global.ihs.com

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

Send comments (copy psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

Comment Deadline: May 23, 2022

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/E1.68-202x, Recommended Practice for Compliance and Interoperability in DMX512-A Systems (new standard)

The draft standard is a recommended practice for evaluating DMX512-A (ANSI E1.11) equipment interoperability, to help minimize problems in the field associated with violations of critical elements of the standard. The recommended practice does not attempt to assure 100% compliance with all requirements in the ANSI E1.11 standard; it will focus on those that have been proven to make interoperability unlikely or unreliable.

Single copy price: Free

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

Order from: Karl Ruling; standards@esta.org

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

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/ESTA E1.76-202x, Wire Rope Tension Grids (new standard)

This draft standard for wire rope tension grids covers design and application criteria including the loading, self-weight considerations, transitions between levels, and suspension from structure. It provides deflection criteria for structural elements and the woven mesh. The standard offers guidance on openings, including trap doors and bays similar to loft-wells. It provides requirements for hand rails and step units, and considerations for other accessories.

Single copy price: Free

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

Order from: Karl Ruling; standards@esta.org

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

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 E1.32-2012 (R202x), Guide for the Inspection of Entertainment Industry Incandescent Lamp Luminaires (reaffirmation of ANSI E1.32-2012 (R2017))

This document provides guidance in the inspection of stage and studio luminaires that use incandescent sources and that are used in the entertainment industry. The inspection is to evaluate their safety and any needed maintenance. The information contained in this document is intended to supplement the information contained in manufacturers' maintenance instructions.

Single copy price: Free

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

Order from: Karl Ruling; standards@esta.org

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

Comment Deadline: May 23, 2022

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 E1.37-1-2012 (R202x), Additional Message Sets for ANSI E1.20 (RDM) - Part 1, Dimmer Message Sets (reaffirmation of ANSI E1.37-1-2012 (R2017))

E1.37-1, Additional Message Sets for ANSI E1.20 (RDM) – Part 1, is part of the E1.37 project, and provides additional get/set parameter messages (PIDs). Most of the messages in this document are intended for use with entertainment lighting dimming systems. These additional messages allow access to configuration parameters commonly found in many theatrical dimming systems.

Single copy price: Free

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

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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 E1.58-2017 (R202x), Electrical Safety Standard for Portable Stage and Studio Equipment Used Outdoors (reaffirmation of ANSI E1.58-2017)

This standard identifies hazards associated with the outdoor use of portable stage and studio lighting equipment and portable power distribution equipment that is not identified (listed) for outdoor use. It recommends practices for qualified personnel to use to mitigate the identified hazards at outdoor entertainment events and media production sites in the United States.

Single copy price: Free

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

Order from: Karl Ruling; standards@esta.org

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

HPS (ASC N13) (Health Physics Society)

1313 Dolley Madison Blvd, Suite 402, McLean, VA 22101 | awride-graney@burkinc.com, www.hps.org

Reaffirmation

BSR N13.36-2001 (R202x), Ionizing Radiation Safety Training for Workers (reaffirmation of ANSI N13.36-2001 (R2011))

This standard establishes minimum requirements and provides recommendations and guidelines for the analysis, design, development, implementation, and evaluation of ionizing radiation safety training for workers. Target audience, responsibilities, training topics, and instructor qualifications are presented. Training program performance requirements are provided, as well as guidance, to assure that the objectives of this standard are met.

Single copy price: \$50.00

Obtain an electronic copy from: awride-graney@burkinc.com

Send comments (copy psa@ansi.org) to: awride-graney@burkinc.com

Comment Deadline: May 23, 2022

HPS (ASC N13) (Health Physics Society)

1313 Dolley Madison Blvd, Suite 402, McLean, VA 22101 | awride-graney@burkinc.com, www.hps.org

Revision

BSR N13.35-202x, Specifications for the Bottle Manikin Absorption Phantom (revision of ANSI N13.35-2009 (R2019))

The purpose of this standard is to provide the specifications for the BOMAB phantom. The specifications provide the guidelines to help ensure the BOMAB phantom adequately simulates the body for purposes of calibrating in vivo measurement systems. Specifications are provided for the design and fabrication of BOMAB phantoms that simulate several different body sizes. This standard should be used to guide fabrication of BOMAB phantoms of any size.

Single copy price: \$60.00

Obtain an electronic copy from: awride-graney@burkinc.com

Send comments (copy psa@ansi.org) to: awride-graney@burkinc.com

HPS (ASC N13) (Health Physics Society)

1313 Dolley Madison Blvd, Suite 402, McLean, VA 22101 | awride-graney@burkinc.com, www.hps.org

Revision

BSR N13.41-202x, Criteria for Performing Multiple Dosimetry (revision of ANSI N13.41-2011 (R2018))

This standard provides criteria for when and how to use multiple dosimeters under conditions incident to routine activities that may involve non-uniform exposures to ionizing radiation. It also contains the recommended methodology for determining the effective dose from external sources when the use of multiple dosimeters has been deemed necessary by radiation protection professionals. This revision will address inconsistencies and variations observed between the ICRPs while granting flexibility to those who wish to adhere to a standard.

Single copy price: \$70.00

Obtain an electronic copy from: awride-graney@burkinc.com

Send comments (copy psa@ansi.org) to: awride-graney@burkinc.com

NEMA (ASC C50) (National Electrical Manufacturers Association)

1300 N 17th Street, Suite 900, Rosslyn, VA 22209 | mike.leibowitz@nema.org, www.nema.org

Revision

BSR NEMA MG 1-202x, Motors and Generators (revision of ANSI NEMA MG 1-2021)

Provides practical information concerning performance, safety, test, construction, and manufacture of alternating-current and direct-current motors and generators within the product scopes defined in the applicable section or sections therein.

Single copy price: \$712.00

Obtain an electronic copy from: mike.leibowitz@nema.org

Order from: mike.leibowitz@nema.org

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

Comment Deadline: May 23, 2022

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02269-9101 | PFoley@nfpa.org, www.nfpa.org

NFPA FIRE PROTECTION STANDARDS DOCUMENTATION: The National Fire Protection Association announces the availability of the NFPA Second Draft Report for concurrent review and comment by NFPA and ANSI. This Second Draft Report contains the disposition of public comment(s) that were received for this standard in the Annual 2022 Revision Cycle (available for review on the next edition tab for each standard). All Notices of Intent to Make A Motion on the A2022 Revision Cycle Second Draft Report must be received by the following date: April 11, 2022. For more information on the rules and deadlines for NFPA standards in cycle, please check the NFPA website (www.nfpa.org) or contact Standards Administration at NFPA. Those who submit comments to NFPA's online submission system on the A2022 Revision Cycle Standards are invited to copy ANSI's Board of Standards Review.

Revision

BSR/NFPA 70®-202x, National Electrical Code® (revision of ANSI/NFPA 70-2020)

(A) Covered. This Code covers the installation and removal of electrical conductors, equipment, and raceways; signaling and communications conductors, equipment, and raceways; and optical fiber cables and raceways for the following: (1) Public and private premises, including buildings, structures, mobile homes, recreational vehicles, and floating buildings; (2) Yards, lots, parking lots, carnivals, and industrial substations; (3) Installations of conductors and equipment that connect to the supply of electricity; (4) Installations used by the electric utility, such as office buildings, warehouses, garages, machine shops, and recreational buildings, that are not an integral part of a generating plant, substation, or control center.

(B) Not Covered. This Code does not cover the following: (1) Installations in ships, watercraft other than floating buildings, railway rolling stock, aircraft, or automotive vehicles other than mobile homes and recreational vehicles. Informational Note: Although the scope of this Code indicates that the Code does not cover installations in ships, portions of this Code are incorporated by reference into Title 46, Code of Federal Regulations, Parts 110–113; (2) Installations underground in mines and self-propelled mobile surface mining machinery and its attendant electrical trailing cable; (3) Installations of railways for generation, transformation, transmission...

Obtain an electronic copy from: www.nfpa.org/70Next

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

PHTA (Pool and Hot Tub Alliance)

2111 Eisenhower Avenue, Suite 500, Alexandria, VA 22314 | standards@phta.org, www.PHTA.org

Reaffirmation

BSR/APSP/ICC-4 2012 (R202x), Standard for Aboveground/Onground Residential Swimming Pools (reaffirmation of ANSI/APSP/ICC-4 2012)

This standard describes certain criteria for the design, manufacturing, testing, care and use of aboveground/onground residential (Type-O) non-diving swimming pools and their components.

Aboveground/onground residential (Type-O) non-diving swimming pools are defined as pools with a shallow area water depth of 36 in. (914 mm) minimum at the wall and a water depth of 48 in. maximum (1219 mm) at the wall. This includes portable pools with flexible/non-rigid or rigid side walls which achieve their structural integrity by means of uniform shape, support frame, or a combination thereof, and can be disassembled for storage or relocation.

Single copy price: Free

Obtain an electronic copy from: standards@phta.org

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

Comment Deadline: May 23, 2022

PHTA (Pool and Hot Tub Alliance)

2111 Eisenhower Avenue, Suite 500, Alexandria, VA 22314 | standards@phta.org, www.PHTA.org

Reaffirmation

BSR/APSP/ICC-5 2012 (R202x), Standard for Residential Inground Swimming Pools (reaffirmation and redesignation of ANSI/APSP 5-2012)

This standard applies to permanently installed residential inground 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. It covers specifications for new construction and remodeling of residential inground swimming pools and includes design, equipment, operation, and installation. The standard permits variations in equipment and design.

Single copy price: Free

Obtain an electronic copy from: standards@phta.org

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

RVIA (Recreational Vehicle Industry Association)

3333 Middlebury Street, Elkhart, IN 46516 | treamer@rvia.org, www.rvia.org

Revision

BSR/RVIA TSIC-1-202x, Recommended Practice Process Controls for Assembly of Wheels on Trailers (revision of ANSI/RVIA TSIC-1-2018)

The purpose of this Recommended Practice is to identify and define significant factors required for assembly process control.

Single copy price: Free

Obtain an electronic copy from: treamer@rvia.org

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

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 20-2017 (R202x), Methods for Carriage of CEA-608 Closed Captions and Non-Real Time Sampled Video (reaffirmation of ANSI/SCTE 20-2017)

This document defines a standard for the carriage of CEA-608 Closed Captions and certain other Vertical Blanking Interval (VBI) services in MPEG-2-compliant bitstreams constructed in accordance with ISO/IEC 13818-2.

Single copy price: \$50.00

Obtain an electronic copy from: admin@standards.scte.org

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

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

Comment Deadline: May 23, 2022

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 21-2017 (R202x), Standard for Carriage of VBI Data in Cable Digital Transport Streams (reaffirmation of ANSI/SCTE 21-2017)

This document defines a standard for the carriage of Vertical Blanking Interval (VBI) services in MPEG-2-compliant bitstreams constructed in accordance with ISO/IEC 13818-2. The approach builds upon a data structure defined in ATSC A/53 Part 4 (Digital Television Standard: Part 4 - MPEG-2 Video System Characteristics), and is designed to be backwards-compatible with that method.

Single copy price: \$50.00

Obtain an electronic copy from: admin@standards.scte.org

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

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

TIA (Telecommunications Industry Association)

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

Revision

BSR/TIA 568.4-E-202x, Broadband Coaxial Cabling and Components Standard (revision and redesignation of ANSI/TIA 568.4-D-2017)

This project will create ANSI/TIA-568.4-E, revision of ANSI/TIA-568.4-D. Nomenclature will be updated, and any general needed updates will be made.

Single copy price: \$101.00

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

Order from: TIA (standards-process@tiaonline.org)

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

UL (Underwriters Laboratories)

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

Reaffirmation

BSR/UL 62841-2-8-2016 (R202x), Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-8: Particular Requirements for Hand-Held Shears and Nibblers (reaffirmation and redesignation of ANSI/UL 62841-2-8-2016)

Reaffirmation and continuance of the 1st Edition of the Standard for Safety Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Part 2-8: Particular Requirements for Hand-Held Shears and Nibblers, UL 62841-2-8, as an standard.

Single copy price: Free

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

Order from: http://www.shopulstandards.com

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

Comment Deadline: June 7, 2022

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 A112.4.14/CSA B125.14-202x, Manually or Automatically Operated Shutoff Valves for Use in Plumbing Systems (revision of ANSI/ASME A112.4.14/CSA B125.14-2017)

This Standard specifies requirements for manually or automatically operated valves, in sizes NPS 4 and smaller. Valves covered by this standard are intended for installation as water shutoff valves between the meter and the supply stop.

NOTE: Manually or automatically operated valves covered by this standard are also known as supply line stops.

Single copy price: Free

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

Send comments (copy psa@ansi.org) to: Angel Guzman Rodriguez; guzman@asme.org

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

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

National Adoption

INCITS/ISO 19148:2021 [202x], Geographic information - Linear referencing (identical national adoption of ISO 19148:2021 and revision of INCITS/ISO 19148:2012 [R2017])

Specifies a conceptual schema for locations relative to a one-dimensional object as measurement along (and optionally offset from) that object. It defines a description of the data and operations required to use and support linear referencing. This document is applicable to transportation, utilities, environmental protection, location-based services and other applications which define locations relative to linear objects. For ease of reading, most examples discussed in this document come from the transportation domain.

Single copy price: \$250.00

Obtain an electronic copy from: <http://webstore.ansi.org/>

Order from: <http://webstore.ansi.org/>

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National Adoption

INCITS/ISO/IEC 9797-2:2021 [202x], Information security - Message authentication codes (MACs) - Part 2: Mechanisms using a dedicated hash-function (identical national adoption of ISO/IEC 9797-2:2021 and revision of INCITS/ISO/IEC 9797-2:2011 [R2017])

Specifies MAC algorithms that use a secret key and a hash-function (or its round-function or sponge function) to calculate an m-bit MAC. These mechanisms can be used as data integrity mechanisms to verify that data has not been altered in an unauthorized manner.

Single copy price: \$225.00

Obtain an electronic copy from: <http://webstore.ansi.org/>

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

Comment Deadline: June 7, 2022

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National Adoption

INCITS/ISO/IEC 11770-5:2020 [202x], Information security - Key management - Part 5: Group key management (identical national adoption of ISO/IEC 11770-5:2020 and revision of INCITS/ISO/IEC 11770-5:2011 [R2017])

Specifies mechanisms to establish shared symmetric keys between groups of entities. It defines: symmetric key-based key establishment mechanisms for multiple entities with a key distribution centre (KDC); and symmetric key establishment mechanisms based on a general tree-based logical key structure with both individual rekeying and batch rekeying.

Single copy price: \$111.00

Obtain an electronic copy from: <http://webstore.ansi.org/>

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National Adoption

INCITS/ISO/IEC 18033-1:2021 [202x], Information security - Encryption algorithms - Part 1: General (identical national adoption of ISO/IEC 18033-1:2021 and revision of INCITS/ISO/IEC 18033-1:2015 [2017])

This document is general in nature and provides definitions that apply in subsequent parts of the ISO/IEC 18033 series. It introduces the nature of encryption and describes certain general aspects of its use and properties.

Single copy price: \$111.00

Obtain an electronic copy from: <http://webstore.ansi.org/>

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National Adoption

INCITS/ISO/IEC 19795-1:2021 [202x], Information technology - Biometric performance testing and reporting - Part 1: Principles and framework (identical national adoption of ISO/IEC 19795-1:2021 and revision of INCITS/ISO/IEC 19795-1:2006 [R2017])

Establishes general principles for testing the performance of biometric systems in terms of error rates and throughput rates for purposes including prediction of performance, comparison of performance, and verifying compliance with specified performance requirements. Specifies performance metrics for biometric systems. Specifies requirements on test methods, recording of data and reporting of results. Provides a framework for developing and describing test protocols, to help avoid bias due to inappropriate data collection or analytic procedures, to help achieve the best estimate of field performance for the expended effort, and to improve understanding of the limits of applicability of the test results.

Single copy price: \$225.00

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National Adoption

INCITS/ISO/IEC 28360-1:2021 [202x], Information Technology - Determination of Chemical Emission Rates From Electronic Equipment - Part 1: Using Consumables (identical national adoption of ISO/IEC 28360-1:2021)

Specifies methods to determine chemical emission rates of analytes from ICT & CE equipment during intended operation in an Emission Test Chamber (ETC). This document (all parts) includes specific methods for equipment using consumables, such as printers, and equipment not using consumables, such as monitors and PC's.

Single copy price: \$225.00

Obtain an electronic copy from: <http://webstore.ansi.org/>

Order from: <http://webstore.ansi.org/>

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

Comment Deadline: June 7, 2022

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National Adoption

INCITS/ISO/IEC 28360-2:2018 [202x], Information technology - Office equipment - Determination of chemical emission rates from electronic equipment - Part 2: Not using-consumables (identical national adoption of ISO/IEC 28360-2:2018 and revision of INCITS/ISO/IEC 28360:2015 [2017])

Specifies methods to determine chemical emission rates of analytes from ICT & CE equipment during intended operation in an Emission Test Chamber (ETC). This Standard (all parts) includes specific methods for equipment using consumables, such as printers, and equipment not using consumables, such as monitors and PC's. Part 2 specifies the methods to determine chemical emission rates of the analyte from electronic equipment not using consumables. These methods comprise preparation, sampling (or monitoring) in a controlled ETC, storage and analysis, calculation, and reporting of emission rates.

Single copy price: \$73.00

Obtain an electronic copy from: <http://webstore.ansi.org/>

Order from: <http://webstore.ansi.org/>

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

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

National Adoption

INCITS/ISO/IEC 29192-2:2019 [202x], Information security - Lightweight cryptography - Part 2: Block ciphers (identical national adoption of ISO/IEC 29192-2:2019 and revision of INCITS/ISO/IEC 29192-2:2012 [R2017])

Specifies three block ciphers suitable for applications requiring lightweight cryptographic implementations:

PRESENT: A light-weight block cipher with a block size of 64 bits and a key size of 80 or 128 bits;

CLEFIA: A light-weight block cipher with a block size of 128 bits and a key size of 128, 192, or 256 bits;

LEA: A light-weight block cipher with a block size of 128 bits and a key size of 128, 192, or 256 bits.

Single copy price: \$225.00

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Order from: <http://webstore.ansi.org/>

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National Adoption

INCITS/ISO/IEC 14651:2020 [202x], Information technology - International string ordering and comparison - Method for comparing character strings and description of the common template tailorable ordering (identical national adoption of ISO/IEC 14651:2020 and revision of INCITS/ISO/IEC 14651:2016 [2017])

Document defines the following: A reference comparison method. This method is applicable to two character strings to determine their collating order in a sorted list. The method can be applied to strings containing characters from the full repertoire of ISO/IEC 10646. This method is also applicable to subsets of that repertoire, such as those of the different ISO/IEC 8-bit standard character sets, or any other character set, standardized or not, to produce ordering results valid (after tailoring) for a given set of languages for each script. This method uses collation tables derived either from the Common Template Table defined in this document or from one of its tailorings. This method provides a reference format. The format is described using the Backus-Naur Form (BNF). This format is used to describe the Common Template Table. The format is used normatively within this document.

Single copy price: \$225.00

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National Adoption

INCITS/ISO/IEC 17991:2021 [202x], Information technology - Office equipment - Method for measuring scanning productivity of digital scanning devices (identical national adoption of ISO/IEC 17991:2021 and revision of INCITS/ISO/IEC 17991:2015 [2017])

Specifies a method for determining scanning productivity by measuring "scanning speed", "scan to network folder speed" and "scan to PC speed". It includes test files, test setup procedure, test procedure and the reporting requirements for the scanning productivity measurements. This document is applicable to scanning devices including but not limited to multi-function devices, networked scanners and single-function scanners of any underlying scanning technology.

Single copy price: \$175.00

Obtain an electronic copy from: <http://webstore.ansi.org/>

Order from: <http://webstore.ansi.org/>

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

Comment Deadline: June 7, 2022

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

National Adoption

INCITS/ISO/IEC 20919:2021 [202x], Information technology - Linear tape file system (LTFS) Format specification (identical national adoption of ISO/IEC 20919:2021 and revision of INCITS/ISO/IEC 20919:2016 [2017])

Defines the LTFS Format requirements for interchanged media that claims LTFS compliance. Those requirements are specified as the size and sequence of data blocks and file marks on the media, the content and form of special data constructs (the LTFS Label and LTFS Index), and the content of the partition labels and use of MAM parameters.

Single copy price: \$250.00

Obtain an electronic copy from: <http://webstore.ansi.org/>

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

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

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

National Adoption

INCITS/ISO/IEC 22275:2018 [202x], Information Technology - Programming Languages, Their Environments, and System Software Interfaces - ECMAScript® Specification Suite (identical national adoption of ISO/IEC 22275:2018 and revision of INCITS/ISO/IEC 16262:2011 [R2017])

Defines the ECMAScript Specification Suite containing the ECMAScript programming language and its required and optional built-in libraries. It defines all the necessary components (both normative and informative) that is needed to implement this suite of standards. This suite does not change if one or more components are updated by a new standard edition. The suite changes only when new components are added and/or old components are removed from it.

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

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

Withdrawal

INCITS 172-2002 [S2012], Information Technology - Standard Dictionary of Information Technology (ANSDIT) (withdrawal of INCITS 172-2002 [S2012])

Contains concepts used in information technology. In general, concepts or terms found in an everyday non-technical dictionary are not included. Also, concepts and terms that are: (a) from specialized areas of information technology, (b) still in development, and (c) of a parochial nature are not necessarily incorporated in this document. Inevitably, the rapid growth of the field of information technology precludes the document from being exhaustive and final.

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Comment Deadline: June 7, 2022

UL (Underwriters Laboratories)

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

Revision

BSR/UL 300-202x, Standard for Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment (April 8, 2022) (revision of ANSI/UL 300-2019)

This proposal covers: (1) Commercially available deep fat fryer with an electric-powered heating source.

Single copy price: Free

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

Order from: <http://www.shopulstandards.com>

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

Project Withdrawn

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

UL (Underwriters Laboratories)

333 Pflugsten Road, Northbrook, IL 60062-2096 | Heather.Sakellariou@ul.org, <https://ul.org/>

BSR/UL 4600-2-202x, Standard for Safety for Evaluation of Autonomous Trucking (new standard)

Inquiries may be directed to Heather Sakellariou; Heather.Sakellariou@ul.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.

ANS (American Nuclear Society)

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

Reaffirmation

ANSI/ANS 2.10-2017 (R2022), Criteria for Retrieval, Processing, Handling, and Storage of Records from Nuclear Facility Seismic Instrumentation (reaffirmation of ANSI/ANS 2.10-2017) Final Action Date: 4/1/2022

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

ANSI/ASABE/ISO 3767-2:APR17 (R2022), Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator controls and other displays - Part 2: Symbols for agricultural tractors and machinery (reaffirm a national adoption ANSI/ASABE/ISO 3767-2:APR17) Final Action Date: 3/31/2022

Reaffirmation

ANSI/ASABE/ISO 3776-1-2006 (R2022), Tractors and machinery for agriculture - Seat belts - Part 1: Anchorage location requirements (reaffirm a national adoption ANSI/ASABE/ISO 3776-1-2006 (R2016)) Final Action Date: 3/31/2022

Reaffirmation

ANSI/ASABE/ISO 3767-1:2017 APR17 (R2022), Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator controls and other displays - Part 1: Common symbols (reaffirm a national adoption ANSI/ASABE/ISO 3767-1:2017 APR17) Final Action Date: 3/31/2022

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

ANSI/ASME B36.19-2022, Welded And Seamless Wrought Stainless Steel Pipe (revision of ANSI/ASME B36.19M-2018) Final Action Date: 3/31/2022

Revision

ANSI/ASME HST-3-2022, Performance Standard for Lever Hoists (revision of ANSI/ASME HST-3-2017) Final Action Date: 3/31/2022

Revision

ANSI/ASME PCC-2-2022, Repair of Pressure Equipment and Piping (revision of ANSI/ASME PCC-2-2018) Final Action Date: 4/4/2022

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

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

Revision

ANSI/ASSP A10.12-2022, Safety Requirements for Excavation (revision and redesignation of ANSI/ASSE A10.12-1998 (R2016)) Final Action Date: 3/29/2022

AWI (Architectural Woodwork Institute)

46179 Westlake Drive, Suite 120, Potomac Falls, VA 20165-5874 | cdermyre@awinet.org, www.awinet.org

New Standard

ANSI/AWI 1236-2022, Countertops (new standard) Final Action Date: 3/31/2022

CEMA (Conveyor Equipment Manufacturers Association)

1250 Tamiami Trail N, Suite 211, Naples, FL 34102 | naylu@cemanet.org, www.cemanet.org

Revision

ANSI/CEMA Standard No. 102-2022, Conveyor Terms and Definitions (revision of ANSI/CEMA Standard No. 102-2012) Final Action Date: 3/29/2022

CRSI (Concrete Reinforcing Steel Institute)

933 N Plum Grove Road, Schaumburg, IL 60173 | atrygestad@crsi.org, www.crsi.org

Revision

ANSI/CRSI RB4.1-2022, Supports for Reinforcement Used in Concrete (revision of ANSI/CRSI RB4.1-2016) Final Action Date: 4/4/2022

ISA (International Society of Automation)

67 Alexander Drive, Research Triangle Park, NC 27709 | crobenson@isa.org, www.isa.org

New Standard

ANSI/ISA 5.1-2022, Instrumentation Symbols and Identification (new standard) Final Action Date: 3/31/2022

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

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

National Adoption

INCITS/ISO/IEC 9797-3:2011/AM1:2020 [2022], Information technology - Security techniques - Message Authentication Codes (MACs) - Part 3: Mechanisms using a universal hash-function - Amendment 1 (identical national adoption of ISO/IEC 9797-3:2011/AM1:2020) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 9798-4:1999/COR1:2009 [2022], Information technology - Security techniques - Entity authentication - Part 4: Mechanisms using a cryptographic check function - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9798-4:1999/COR1:2009) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 9798-4:1999/COR2:2012 [2022], Information technology - Security techniques - Entity authentication - Part 4: Mechanisms using a cryptographic check function - Technical Corrigendum 2 (identical national adoption of ISO/IEC 9798-4:1999/COR2:2012) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 10118-1:2016/AM1:2021 [2022], Information technology - Security techniques - Hash-functions - Part 1: General - Amendment 1: Padding methods for sponge functions (identical national adoption of ISO/IEC 10118-1:2016/AM1:2021) Final Action Date: 3/29/2022

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

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

National Adoption

INCITS/ISO/IEC 10118-2:2010/COR1:2011 [2022], Information technology - Security techniques - Hash-functions - Part 2: Hash-functions using an n-bit block cipher - Technical Corrigendum 1 (identical national adoption of ISO/IEC 10118-2:2010/COR1:2011) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 11770-3:2015/AM1:2017 [2022], Information technology - Security techniques - Key management - Part 3: Mechanisms using asymmetric techniques - Amendment 1: Blinded Diffie-Hellman key agreement (identical national adoption of ISO/IEC 11770-3:2015/AM1:2017) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 13888-2:2010/COR1:2012 [2022], Information technology - Security techniques - Non-repudiation - Part 2: Mechanisms using symmetric techniques - Technical Corrigendum 1 (identical national adoption of ISO/IEC 13888-2:2010/COR1:2012) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 14776-224:2019 [2022], Information Technology - Small Computer System Interface (SCSI) - Part 224: Fibre Channel Protocol For SCSI, Fourth Version (FCP-4) (identical national adoption of ISO/IEC 14776-224:2019) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 14776-232:2001 [2022], Information Technology - Small Computer System Interface (SCSI) - Part 232: Serial Bus Protocol-2 (SBP-2) (identical national adoption of ISO/IEC 14776-232:2001) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 14776-415:2019 [2022], Information Technology - Small Computer System Interface (SCSI) - Part 415: SCSI Architecture Model - 5 (SAM-5) (identical national adoption of ISO/IEC 14776-415:2019) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 14776-481:2019 [2022], Information Technology - Small Computer System Interface (SCSI) - Part 481: Security Features For SCSI Commands (SFSC) (identical national adoption of ISO/IEC 14776-481:2019) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 18033-2:2006/AM1:2017 [2022], Information technology - Security techniques - Encryption algorithms - Part 2: Asymmetric ciphers - Amendment 1: FACE (identical national adoption of ISO/IEC 18033-2:2006/AM1:2017) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 18033-3:2010/AM1:2021 [2022], Information Technology - Security Techniques - Encryption Algorithms - Part 3: Block Ciphers - Amendment 1: SM4 (identical national adoption of ISO/IEC 18033-3:2010/AM1:2021) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 20009-2:2013 [2022], Information Technology - Security Techniques - Anonymous Entity Authentication - Part 2: Mechanisms Based On Signatures Using A Group Public Key (identical national adoption of ISO/IEC 20009-2:2013) Final Action Date: 3/29/2022

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

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

National Adoption

INCITS/ISO/IEC 20009-4:2017 [2022], Information technology - Security techniques - Anonymous entity authentication - Part 4: Mechanisms based on weak secrets (identical national adoption of ISO/IEC 20009-4:2017) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 20085-1:2019 [2022], IT Security techniques - Test tool requirements and test tool calibration methods for use in testing non-invasive attack mitigation techniques in cryptographic modules - Part 1: Test tools and techniques (identical national adoption of ISO/IEC 20085-1:2019) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 23001-9:2016 [2022], Information technology - MPEG systems technologies - Part 9: Common encryption of MPEG-2 transport streams (identical national adoption of ISO/IEC 23001-9:2016) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 23001-1:2006/COR1:2007 [2022], Information technology - MPEG systems technologies - Part 1: Binary MPEG format for XML - Technical Corrigendum 1 (identical national adoption of ISO/IEC 23001-1:2006/COR1:2007) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 23001-1:2006/COR2:2007 [2022], Information technology - MPEG systems technologies - Part 1: Binary MPEG format for XML - Technical Corrigendum 2 (identical national adoption of ISO/IEC 23001-1:2006/COR2:2007) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 23008-2:2020/AM1:2021 [2022], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 2: High efficiency video coding - Amendment 1: Shutter interval information SEI message (identical national adoption of ISO/IEC 23008-2:2020/AM1:2021) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 27033-6:2016 [2022], Information technology - Security techniques - Network security - Part 6: Securing wireless IP network access (identical national adoption of ISO/IEC 27033-6:2016) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 27034-1:2011 [2022], Information technology - Security techniques - Application security - Part 1: Overview and concepts (identical national adoption of ISO/IEC 27034-1:2011) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 27034-1:2011/COR1:2014 [2022], Information technology - Security techniques - Application security - Part 1: Overview and concepts - Technical Corrigendum 1 (identical national adoption of ISO/IEC 27034-1:2011/COR1:2014) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 29192-1:2012 [2022], Information technology - Security techniques - Lightweight cryptography - Part 1: General (identical national adoption of ISO/IEC 29192-1:2012) Final Action Date: 3/29/2022

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

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

National Adoption

INCITS/ISO/IEC 30134-1:2016 [2022], Information technology - Data centres - Key performance indicators - Part 1: Overview and general requirements (identical national adoption of ISO/IEC 30134-1:2016) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 30134-2:2016 [2022], Information technology - Data centres - Key performance indicators - Part 2: Power usage effectiveness (PUE) (identical national adoption of ISO/IEC 30134-2:2016) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 30134-3:2016 [2022], Information technology - Data centres - Key performance indicators - Part 3: Renewable energy factor (REF) (identical national adoption of ISO/IEC 30134-3:2016) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 30134-1:2016/AM1:2018 [2022], Information technology - Data centres - Key performance indicators - Part 1: Overview and general requirements - Amendment 1 (identical national adoption of ISO/IEC 30134-1:2015/AM1:2018) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 30134-2:2016/AM1:2018 [2022], Information technology - Data centres - Key performance indicators - Part 2: Power usage effectiveness (PUE) - Amendment 1 (identical national adoption of ISO/IEC 30134-2:2016/AM1:2018) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 30134-3:2016/AM1:2018 [2022], Information technology - Data centres - Key performance indicators - Part 3: Renewable energy factor (REF) - Amendment 1 (identical national adoption of ISO/IEC 30134-3:2016/AM1:2018) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 18367:2016 [2022], Information technology - Security techniques - Cryptographic algorithms and security mechanisms conformance testing (identical national adoption of ISO/IEC 18367:2016) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 20543:2019 [2022], Information technology - Security techniques - Test and analysis methods for random bit generators within ISO/IEC 19790 and ISO/IEC 15408 (identical national adoption of ISO/IEC 20543:2019) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 21827:2008 [2022], Information technology - Security techniques - Systems Security Engineering - Capability Maturity Model® (SSE-CMM®) (identical national adoption of ISO/IEC 21827:2008) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 21878:2018 [2022], Information technology - Security techniques - Security guidelines for design and implementation of virtualized servers (identical national adoption of ISO/IEC 21878:2018) Final Action Date: 3/29/2022

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

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

National Adoption

INCITS/ISO/IEC 23544:2021 [2022], Information Technology - Data centres - Application Platform Energy Effectiveness (APEE) (identical national adoption of ISO/IEC 23544:2021) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 27021:2017 [2022], Information technology - Security techniques - Competence requirements for information security management systems professionals (identical national adoption of ISO/IEC 27021:2017) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 27031:2011 [2022], Information technology - Security techniques - Guidelines for information and communication technology readiness for business continuity (identical national adoption of ISO/IEC 27031:2011) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 29151:2017 [2022], Information Technology - Security Techniques - Code of Practice for Personally Identifiable Information Protection (identical national adoption of ISO/IEC 29151:2017) Final Action Date: 3/29/2022

National Adoption

INCITS/ISO/IEC 29150:2011/COR1:2014 [2022], Information technology - Security techniques - Signcryption - Technical Corrigendum 1 (identical national adoption of ISO/IEC 29150:2011/COR1:2014) Final Action Date: 3/29/2022

NSF (NSF International)

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

Revision

ANSI/NSF 40-2022 (i42r2), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020) Final Action Date: 3/29/2022

Revision

ANSI/NSF/CAN 50-2022 (i162r4), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020) Final Action Date: 3/25/2022

UL (Underwriters Laboratories)

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

National Adoption

ANSI/UL 60335-2-69-2022, Standard for Safety for Household and similar electrical appliances - Safety - Part 2 -69:Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use (national adoption with modifications of IEC 60335-2-69) Final Action Date: 3/25/2022

National Adoption

ANSI/UL 62841-2-6-2022, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-6 Particular Requirements for Hand-Held Hammers (national adoption with modifications of IEC 62841-2-6) Final Action Date: 3/28/2022

New Standard

ANSI/UL 248-18-2022, Low-Voltage Fuses - Part 18: Class CD Fuses (new standard) Final Action Date: 3/31/2022

UL (Underwriters Laboratories)

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

Revision

ANSI/UL 94-2022a, Standard for Safety for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2021) Final Action Date: 4/1/2022

Revision

ANSI/UL 231-2022, Standard for Safety for Power Outlets (revision of ANSI/UL 231-2021) Final Action Date: 3/29/2022

Revision

ANSI/UL 248-13-2022, Low-Voltage Fuses - Part 13: Semiconductor Fuses (revision of ANSI/UL 248-13-2005 (R2020)) Final Action Date: 3/31/2022

Revision

ANSI/UL 496-2022, Standard for Safety for Lampholders (revision of ANSI/UL 496-2017) Final Action Date: 3/28/2022

Revision

ANSI/UL 796-2022, Standard for Safety for Printed Wiring Boards (revision of ANSI/UL 796-2021) Final Action Date: 3/25/2022

Revision

ANSI/UL 1653-2022, Electrical Nonmetallic Tubing (revision of ANSI/UL 1653-2019) Final Action Date: 3/30/2022

Revision

ANSI/UL 2250-2022, Standard for Safety for Instrumentation Tray Cable (revision of ANSI/UL 2250-2020) Final Action Date: 3/30/2022

Revision

ANSI/UL 4248-1-2022, Standard for Safety for Fuseholders - Part 1: General Requirements (revision of ANSI/UL 4248-1-2017) Final Action Date: 3/31/2022

Revision

ANSI/UL 4248-5-2022, Standard for Safety for Fuseholders - Part 5: Class G (revision of ANSI/UL 4248-5-2007 (R2018)) Final Action Date: 3/31/2022

Revision

ANSI/UL 60320-1-2022, Appliance Couplers for Household and Similar General Purposes - Part 1: General Requirements (revision of ANSI/UL 60320-1-2020) Final Action Date: 3/25/2022

Revision

ANSI/UL 60320-3-2022, Appliance Couplers for Household and Similar General Purposes - Part 3: Standard Sheets and Gauges (revision of ANSI/UL 60320-3-2019) Final Action Date: 3/25/2022

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities. Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at www.scte.org or by e-mail from standards@scte.org.

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

Call for Members (ANS Consensus Bodies)

ANSI Accredited Standards Developer

CSA - CSA America Standards Inc.

Teleconference - May 16, 2022 from 1 p.m. to 4 p.m. EST

CSA Group will hold the Fuel Cell Technical Committee meeting by teleconference on May 16, 2022 from 1 p.m. to 4 p.m. EST. For more information on the meeting and the agenda, contact Mark Duda at mark.duda@csagroup.org.

Guests planning to attend the meeting are required to notify the project manager listed below in advance of the meeting, and provide a brief explanation of interest. If you wish to present specific comments on an item of business, you are required to notify the project manager in writing no later than April 6, 2021. Notification shall include any material proposed for presentation to the Technical Committee. For information, please contact Project Manager, Mark Duda at mark.duda@csagroup.org.

AAMI (Association for the Advancement of Medical Instrumentation)

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

BSR/AAMI/ISO 11737-1-202x/A1, Sterilization of health care products - Microbiological methods - Part 1: Determination of a population of microorganisms on products - Amendment 1 (addenda to ANSI/AAMI/ISO 11737-1-2018)

ABYC (American Boat and Yacht Council)

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

BSR/ABYC H-35-202x, Powering and Load Capacity of Pontoon Boats (revision of ANSI/ABYC H-35-2017)

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 | burklek@api.org, www.api.org

BSR/API Recommended Practice 19G4 (ISO 17078-4)-2011 (R202x), Practices for Sidepocket Mandrels and Related Equipment (reaffirm a national adoption ANSI/API 19G4 (ISO 17078-4)-2011)

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 | burklek@api.org, www.api.org

BSR/API Specification 19G3 (ISO 17078-3)-2011 (R202x), Running Tools, Pulling Tools and Kickover Tools and Latches for Sidepocket Mandrels (reaffirm a national adoption ANSI/API Specification 19G3 (ISO 17078-3)-2011)

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE/ISO 12003-1-MONYEAR-202x, Tractors for agriculture and forestry - Roll-over protective structures on narrow tractors - Part 1: Front-mounted ROPS (identical national adoption of ISO 12003-1:2021 and revision of ANSI/ASABE/ISO 12003-1-SEP17)

Call for Members (ANS Consensus Bodies)

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE/ISO 12003-2-202x MONYEAR, Tractors for agriculture and forestry - Roll-over protective structures on narrow tractors - Part 2: Rear-mounted ROPS (identical national adoption of ISO 12003-2:2021 and revision of ANSI/ASABE/ISO 12003-2-2008 SEP2107)

AWS (American Welding Society)

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

BSR/AWS G1.6-202x, Specification for the Training, Qualification, and Company Certification of Thermoplastic Welding Inspector Specialists and Thermoplastic Welding Inspector Assistants (revision of ANSI/AWS G1.6-2022)

CSA (CSA America Standards Inc.)

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

BSR/CSA NGV 5.2-202x, Vehicle fueling appliances (VFA) (revision of ANSI/CSA NGV 5.2-2017 (R2021))

CTA (Consumer Technology Association)

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

BSR/CTA 2045.2-A-202x, Modular Communications Interface for Generic Display Message Set (revision of ANSI/CTA 2045.2-2014)

DASMA (Door and Access Systems Manufacturers Association)

1300 Sumner Avenue, Cleveland, OH 44115 | dasma@dasma.com

BSR/DASMA 105-202x, Test Method for Thermal Transmittance and Air Infiltration of Garage Doors and Rolling Doors (revision of ANSI/DASMA 105-2017)

DASMA (Door and Access Systems Manufacturers Association)

1300 Sumner Avenue, Cleveland, OH 44115 | dasma@dasma.com

BSR/DASMA 110-202x, Standard for Lifting Cables for Sectional Type Doors (new standard)

DASMA (Door and Access Systems Manufacturers Association)

1300 Sumner Avenue, Cleveland, OH 44115 | dasma@dasma.com

BSR/DASMA 115-202x, Standard Method for Testing Sectional Doors, Rolling Doors, and Flexible Doors: Determination of Structural Performance Under Missile Impact and Cyclic Wind Pressure (revision of ANSI/DASMA 115-2017)

EOS/ESD (ESD Association, Inc.)

218 W. Court Street, Rome, NY 13440 | jkirk@esda.org, www.esda.org

BSR/ESD STM9.1-202x, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Footwear and Foot Grounders - Resistive Characterization (revision, redesignation and consolidation of ANSI/ESD STM9.1-2014, ANSI/ESD SP9.2-2019)

Call for Members (ANS Consensus Bodies)

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

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

INCITS/ISO 19148:2021 [202x], Geographic information - Linear referencing (identical national adoption of ISO 19148:2021 and revision of INCITS/ISO 19148:2012 [R2017])

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

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

INCITS/ISO/IEC 9797-2:2021 [202x], Information security - Message authentication codes (MACs) - Part 2: Mechanisms using a dedicated hash-function (identical national adoption of ISO/IEC 9797-2:2021 and revision of INCITS/ISO/IEC 9797-2:2011 [R2017])

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

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

INCITS/ISO/IEC 11770-5:2020 [202x], Information security - Key management - Part 5: Group key management (identical national adoption of ISO/IEC 11770-5:2020 and revision of INCITS/ISO/IEC 11770-5:2011 [R2017])

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

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

INCITS/ISO/IEC 14443-4:2018/AM 1:2021 [202x], Cards and security devices for personal identification - Contactless proximity objects - Part 4: Transmission protocol - Amendment 1: Dynamic power level management (identical national adoption of ISO/IEC 14443-4:2018/AM1:2021)

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

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

INCITS/ISO/IEC 18033-1:2021 [202x], Information security - Encryption algorithms - Part 1: General (identical national adoption of ISO/IEC 18033-1:2021 and revision of INCITS/ISO/IEC 18033-1:2015 [2017])

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

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

INCITS/ISO/IEC 19795-1:2021 [202x], Information technology - Biometric performance testing and reporting - Part 1: Principles and framework (identical national adoption of ISO/IEC 19795-1:2021 and revision of INCITS/ISO/IEC 19795-1:2006 [R2017])

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

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

INCITS/ISO/IEC 24775-1:2021 [202x], Information technology - Storage management - Part 1: Overview (identical national adoption of ISO/IEC 24775-1:2021 and revision of INCITS/ISO/IEC 24775-1:2014 [R2021])

Call for Members (ANS Consensus Bodies)

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

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

INCITS/ISO/IEC 24775-2:2021 [202x], Information technology - Storage management - Part 2: Common Architecture (identical national adoption of ISO/IEC 24775-2:2021 and revision of INCITS/ISO/IEC 24775-2:2014 [R2021])

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

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

INCITS/ISO/IEC 24775-3:2021 [202x], Information technology - Storage management - Part 3: Common profiles (identical national adoption of ISO/IEC 24775-3:2021 and revision of INCITS/ISO/IEC 24775-3:2014 [R2021])

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

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

INCITS/ISO/IEC 24775-4:2021 [202x], Information technology - Storage management - Part 4: Block devices (identical national adoption of ISO/IEC 24775-4:2021 and revision of INCITS/ISO/IEC 24775-4:2014 [R2021])

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

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

INCITS/ISO/IEC 24775-5:2021 [202x], Information technology - Storage management - Part 5: File systems (identical national adoption of ISO/IEC 24775-5:2021 and revision of INCITS/ISO/IEC 24775-5:2014 [R2021])

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

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

INCITS/ISO/IEC 24775-6:2021 [202x], Information technology - Storage management - Part 6: Fabric (identical national adoption of ISO/IEC 24775-6:2021 and revision of INCITS/ISO/IEC 24775-6:2014 [R2021])

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

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

INCITS/ISO/IEC 24775-7:2021 [202x], Information technology - Storage management - Part 7: Host elements (identical national adoption of ISO/IEC 24775-7:2021 and revision of INCITS/ISO/IEC 24775-7:2014 [R2021])

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

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

INCITS/ISO/IEC 24775-8:2021 [202x], Information technology - Storage management - Part 8: Media libraries (identical national adoption of ISO/IEC 24775-8:2021 and revision of INCITS/ISO/IEC 24775-8:2014 [R2021])

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

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

INCITS/ISO/IEC 28360-1:2021 [202x], Information Technology - Determination of Chemical Emission Rates From Electronic Equipment - Part 1: Using Consumables (identical national adoption of ISO/IEC 28360-1:2021)

Call for Members (ANS Consensus Bodies)

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

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

INCITS/ISO/IEC 28360-2:2018 [202x], Information technology - Office equipment - Determination of chemical emission rates from electronic equipment - Part 2: Not using-consumables (identical national adoption of ISO/IEC 28360-2:2018 and revision of INCITS/ISO/IEC 28360:2015 [2017])

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

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

INCITS/ISO/IEC 29192-2:2019 [202x], Information security - Lightweight cryptography - Part 2: Block ciphers (identical national adoption of ISO/IEC 29192-2:2019 and revision of INCITS/ISO/IEC 29192-2:2012 [R2017])

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

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

INCITS/ISO/IEC 14651:2020 [202x], Information technology - International string ordering and comparison - Method for comparing character strings and description of the common template tailorable ordering (identical national adoption of ISO/IEC 14651:2020 and revision of INCITS/ISO/IEC 14651:2016 [2017])

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

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

INCITS/ISO/IEC 17991:2021 [202x], Information technology - Office equipment - Method for measuring scanning productivity of digital scanning devices (identical national adoption of ISO/IEC 17991:2021 and revision of INCITS/ISO/IEC 17991:2015 [2017])

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

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

INCITS/ISO/IEC 20919:2021 [202x], Information technology - Linear tape file system (LTFS) Format specification (identical national adoption of ISO/IEC 20919:2021 and revision of INCITS/ISO/IEC 20919:2016 [2017])

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

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

INCITS/ISO/IEC 22275:2018 [202x], Information Technology - Programming Languages, Their Environments, and System Software Interfaces - ECMAScript® Specification Suite (identical national adoption of ISO/IEC 22275:2018 and revision of INCITS/ISO/IEC 16262:2011 [R2017])

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

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

INCITS/ISO/IEC 30147:2021 [202x], Information technology - Internet of things - Methodology for trustworthiness of IoT system/service (identical national adoption of ISO/IEC 30147:2021)

Call for Members (ANS Consensus Bodies)

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

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

INCITS/ISO/IEC 30165:2021 [202x], Internet of Things (IoT) - Real-time IoT framework (identical national adoption of ISO/IEC 30165:2021)

NENA (National Emergency Number Association)

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

BSR/NENA STA-047.1-202x, NENA Standards for NG9-1-1 Operational Diversity and Redundancy (new standard)

TIA (Telecommunications Industry Association)

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

BSR/TIA 622.4-202x, IEC 61755-2-4 -Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 2-4: Connection parameters of non-dispersion shifted single-mode physically contacting fibres - Non-angled for reference connection applications (identical national adoption of IEC 61755-2-4)

TIA (Telecommunications Industry Association)

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

BSR/TIA 622.5-202x, Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 2-5: Connection parameters of non-dispersion shifted single-mode physically contacting fibres - Angled for reference connection applications (identical national adoption of IEC 61755-2-5)

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

ASSP (Safety) - American Society of Safety Professionals

Virtual Meeting: July 12, 2022

The American Society of Safety Professionals (ASSP) serves as the secretariat of the A10 Committee for Construction and Demolition Operations. The next meeting of the A10 Committee will be held virtually on July 12, 2022. The meeting will start at approximately 12:30 p.m. and go to conclusion. Earlier that morning we also plan to have meetings for the Membership Subgroup, Definitions/Nomenclature Subgroup, Admin/Tech Review Subgroup, and a meeting of the liaisons and subgroup leadership teams. A draft agenda is yet to come but if you have items to include, please contact ASSP as the secretariat. If you are interested in attending, please contact Tim Fisher, ASSP | (847) 768-3411, tfisher@assp.org.

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

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

Meeting Notice and Call for Members for the New INCITS Technical Committee on Inclusive Terminology - Meeting Time: April 25, 2022

Organizational Meeting – April 25, 2022. The organizational meeting of INCITS/Inclusive Terminology will be held electronically via Zoom on April 25, 2022 (1:00 PM to 4:00 PM (Eastern) / 10:00 AM to 1:00 PM (Pacific)). The agenda, related documents and instructions for joining the Zoom meeting will be distributed on April 11 to organizational representatives that have requested membership on the new committee. RSVPs for the meeting should be submitted to Deborah Spittle (dspittle@itic.org) as soon as possible.

Background on Establishment of INCITS/Inclusive Terminology – At the March 8-9, 2022 INCITS Executive Board meeting, a new Technical Committee, INCITS/Inclusive Terminology, was established to develop an INCITS standard on Inclusive Terminology. The TC will also have the responsibility of preparing updates to the INCITS Inclusive Terminology Guidelines that will be submitted for Executive Board consideration and approval. The Inclusive Terminology standards developed by this TC will be available to the public at no cost, to maximize awareness and adoption. The Executive Board endorses, in principle, the collaboration with other SDOs and organizations in the development of inclusive terminology standards and authorizes the TC to explore opportunities for collaboration and to bring specific proposals to the Executive Board for consideration.

The committee will operate under the ANSI-accredited procedures for the InterNational Committee for Information Technology Standards (INCITS) (see INCITS Organization, Policies and Procedures). Additional information can also be found at <http://www.INCITS.org>, <http://www.incits.org/participation/membership-info> and <http://www.incits.org/participation/apply-for-membership>.

To facilitate maximum participation and inclusiveness, there will be no cost for participation on INCITS/Inclusive Terminology.

The complete meeting notice and membership information can be found at https://standards.incits.org/apps/group_public/document.php?document_id=139594&wg_abbrev=eb.

For inquiries please contact: Jennifer Garner, InterNational Committee for Information Technology Standards (ITI (INCITS)) | 700 K Street NW, Suite 600, Washington, DC 20001 | (202) 737-8888, comments@standards.incits.org

American National Standards (ANS) Process

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

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

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

- ANSI Essential Requirements: Due process requirements for American National Standards (always current edition): www.ansi.org/essentialrequirements
- ANSI Standards Action (weekly public review announcements of proposed ANS and standards developer accreditation applications, listing of recently approved ANS, and proposed revisions to ANS-related procedures): www.ansi.org/standardsaction
- Accreditation information – for potential developers of American National Standards (ANS): www.ansi.org/sdoaccreditation
- ANS Procedures, ExSC Interpretations and Guidance (including a slide deck on how to participate in the ANS process and the BSR-9 form): www.ansi.org/asd
- Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS: www.ansi.org/asd
- American National Standards Key Steps: www.ansi.org/anskeysteps
- American National Standards Value: www.ansi.org/ansvalue
- ANS Web Forms for ANSI-Accredited Standards Developers - PINS, BSR8|108, BSR11, Technical Report: <https://www.ansi.org/portal/psawebforms/>
- Information about standards Incorporated by Reference (IBR): <https://ibr.ansi.org/>
- ANSI - Education and Training: www.standardslearn.org

American National Standards Under Continuous Maintenance

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

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

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

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

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

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AARST

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ABTG

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ASHRAE

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ASME

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ASSP (Safety)

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AWS

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CEMA

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ANSI-Accredited Standards Developers Contact Information

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CSA

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EOS/ESD

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ESTA

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HPS (ASC N13)

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ISA (Organization)

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NENA

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OPEI

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PHTA

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SCTE

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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/FDIS 14302, Space systems - Electromagnetic compatibility requirements - 5/28/2021, \$119.00

ISO/FDIS 23312, Space systems - Detailed space debris mitigation requirements for spacecraft - 4/30/2021, \$82.00

ISO/FDIS 26870, Space systems - Launch pad and integration site operational documents - 5/10/2021, \$67.00

ISO/DIS 21384-3, Unmanned aircraft systems - Part 3: Operational procedures - 6/20/2022, \$107.00

Building construction (TC 59)

ISO/FDIS 21931-1, Sustainability in buildings and civil engineering works - Framework for methods of assessment of the environmental, social and economic performance of construction works as a basis for sustainability assessment - Part 1: Buildings - 3/18/2021, \$125.00

Dentistry (TC 106)

ISO/DIS 15854, Dentistry - Casting and baseplate waxes - 1/29/2022, \$77.00

Fire safety (TC 92)

ISO/DIS 21843, Determination of the resistance to hydrocarbon pool fires of fire protection materials and systems for pressure vessels - 1/29/2022, \$107.00

ISO/DIS 20902-2, Fire test procedures for divisional elements that are typically used in oil, gas and petrochemical industries - Part 2: Additional procedures for pipe penetration and cable transit sealing systems - 1/28/2022, \$77.00

Foundry machinery (TC 306)

ISO/FDIS 23062, Foundry machinery - Safety requirements for molding and coremaking machinery and associated equipment - 4/7/2019, \$112.00

Industrial automation systems and integration (TC 184)

ISO/FDIS 23218-1, Industrial automation systems and integration - Numerical control systems for machine tools - Part 1: Requirements for numerical control systems - 10/11/2020, \$82.00

ISO/FDIS 23704-1, General requirements for cyber-physically controlled smart machine tool systems (CPSMT) - Part 1: Overview and fundamental principles - 5/21/2021, \$93.00

ISO/FDIS 23704-2, General requirements for cyber-physically controlled smart machine tool systems (CPSMT) - Part 2: Reference architecture of CPSMT for subtractive manufacturing - 5/21/2021, \$107.00

Industrial furnaces and associated processing equipment (TC 244)

ISO/FDIS 13577-4, Industrial furnaces and associated processing equipment - Safety - Part 4: Protective systems - 5/7/2021, \$155.00

Information and documentation (TC 46)

ISO/FDIS 3297, Information and documentation - International standard serial number (ISSN) -, \$88.00

Jewellery (TC 174)

ISO/DIS 11210, Jewellery and precious metals - Determination of platinum in platinum alloys - Gravimetric determination after precipitation using ammonium chloride - 6/18/2022, \$46.00

ISO/DIS 11490, Jewellery and precious metals - Determination of palladium in palladium alloys - Gravimetric determination after precipitation using dimethylglyoxime - 6/18/2022, \$46.00

Light metals and their alloys (TC 79)

ISO/FDIS 6362-1, Wrought aluminium and aluminium alloys - Extruded rods/bars, tubes and profiles - Part 1: Technical conditions for inspection and delivery - 4/10/2021, \$62.00

ISO/FDIS 6362-2, Wrought aluminium and aluminium alloys - Extruded rods/bars, tubes and profiles - Part 2: Mechanical properties - 4/10/2021, \$88.00

ISO/FDIS 6362-3, Wrought aluminium and aluminium alloys - Extruded rods/bars, tubes and profiles - Part 3: Tolerances on form and dimensions for extruded rectangular bars - 4/10/2021, \$46.00

ISO/FDIS 6362-4, Wrought aluminium and aluminium alloys - Extruded rods/bars, tubes and profiles - Part 4: Tolerances on form and dimensions for profiles - 4/10/2021, \$71.00

ISO/FDIS 6362-5, Wrought aluminium and aluminium alloys - Extruded rods/bars, tubes and profiles - Part 5: Tolerances on form and dimensions for round, square and hexagonal bars - 4/10/2021, \$46.00

ISO/FDIS 6362-7, Wrought aluminium and aluminium alloys - Extruded rods/bars, tubes and profiles - Part 7: Chemical composition - 4/10/2021, \$53.00

ISO/FDIS 6363-1, Wrought aluminium and aluminium alloys - Cold-drawn rods/bars, tubes and wires - Part 1: Technical conditions for inspection and delivery - 4/10/2021, \$62.00

ISO/FDIS 6363-2, Wrought aluminium and aluminium alloys - Cold-drawn rods/bars and tubes and wires - Part 2: Mechanical properties - 4/10/2021, \$71.00

ISO/FDIS 6363-3, Wrought aluminium and aluminium alloys - Cold-drawn rods/bars, tubes and wires - Part 3: Tolerances on form and dimensions for drawn rods/bars and wires - 4/10/2021, \$33.00

ISO/FDIS 6363-4, Wrought aluminium and aluminium alloys - Cold-drawn rods/bars, tubes and wires - Part 4: Tolerances on form and dimensions for drawn rectangular bars and wires - 4/10/2021, \$46.00

ISO/FDIS 6363-5, Wrought aluminium and aluminium alloys - Cold-drawn rods/bars, tubes and wires - Part 5: Tolerances on form and dimensions for drawn square and hexagonal bars and wires - 4/10/2021, \$40.00

ISO/FDIS 6363-6, Wrought aluminium and aluminium alloys - Cold-drawn rods/bars, tubes and wires - Part 6: Tolerances on form and dimensions for drawn round tubes - 4/10/2021, \$40.00

Mechanical testing of metals (TC 164)

ISO/DIS 9649, Metallic materials - Wire - Reverse torsion test - 6/17/2022, \$40.00

ISO/FDIS 23838, Metallic materials - High strain rate torsion test at room temperature - 2/11/2021, \$107.00

Petroleum products and lubricants (TC 28)

ISO/DIS 3679, Determination of flash point - Method for flash no-flash and flash point by small scale closed cup tester - 1/29/2022, \$93.00

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

ISO 161-1:2018/DAmD 1, Nominal outside diameters and nominal pressures - Part 1: Metric series - Amendment 1: Thermoplastics pipes for the conveyance of fluids - 6/20/2022, \$33.00

ISO/DIS 23627, Plastics piping systems for non-pressure underground drainage and sewerage - Steel-Reinforced-Polyethylene (SRPE) - Corrugated Pipes and fittings - 1/29/2022, \$125.00

Pulleys and belts (including veebelts) (TC 41)

ISO/DIS 255, Belt drives - Pulleys for V-belts (system based on datum width) - Geometrical inspection of grooves - 6/18/2022, \$62.00

Railway applications (TC 269)

ISO/DIS 24675-1, Railway Applications - Running time calculation for timetabling - Part 1: Requirements - 10/3/2021, \$77.00

Road vehicles (TC 22)

ISO/DIS 6626-2, Internal combustion engines - Piston rings - Part 2: Coil-spring-loaded oil control rings of narrow width made of cast iron - 1/29/2022, \$107.00

ISO/DIS 11992-2, Road vehicles - Interchange of digital information on electrical connections between towing and towed vehicles - Part 2: Application layer for brakes and running gear - 6/17/2022, \$165.00

ISO/FDIS 13209-3, Road vehicles - Open Test sequence eXchange format (OTX) - Part 3: Standard extensions and requirements - 1/16/2021, \$203.00

ISO/DIS 21782-1, Electrically propelled road vehicles - Test specification for electric propulsion components - Part 1: General test conditions and definitions - 6/18/2022, \$77.00

ISO/DIS 22241-4, Diesel engines - NOx reduction agent AUS 32 - Part 4: Refilling interface - 6/18/2022, \$71.00

Rubber and rubber products (TC 45)

ISO/FDIS 1431-1, Rubber, vulcanized or thermoplastic - Resistance to ozone cracking - Part 1: Static and dynamic strain testing - 5/14/2021, \$82.00

Safety of toys (TC 181)

ISO/DIS 8124-12, Safety of toys - Part 12: Microbiological Safety - 6/19/2022, \$46.00

Ships and marine technology (TC 8)

ISO/DIS 11347, Ships and marine technology - Large yachts - Measurement and assessment of the visual appearance of coatings - 6/16/2022, \$102.00

ISO/FDIS 24319, Ships and marine technology - Design and test requirements for small steel hatches using electrical trace heating - 6/4/2021, \$67.00

Soil quality (TC 190)

ISO/FDIS 11271, Soil quality - Determination of redox potential - Field method -, \$62.00

Sports and recreational equipment (TC 83)

ISO/DIS 20187-1, Inflatable play equipment - Part 1: Safety requirements and test methods - 6/18/2022, \$119.00

ISO/DIS 20187-2, Inflatable play equipment - Part 2: Additional safety requirements for inflatable bouncing pillows intended for permanent installation - 6/18/2022, \$58.00

ISO/DIS 20187-3, Inflatable play equipment - Part 3: Additional safety requirements and test methods for snappies - 6/18/2022, \$40.00

Surface chemical analysis (TC 201)

ISO/FDIS 18115-3, Surface chemical analysis - Vocabulary - Part 3: Terms used in optical interface analysis - 6/5/2021, \$102.00

Terminology (principles and coordination) (TC 37)

ISO/DIS 24620-4, Language resource management - Controlled human communication (CHC) - Part 4: Basic principles and methodology for Stylistic Guidelines in Localization (SGL) - 1/28/2022, \$82.00

Textiles (TC 38)

ISO/DIS 22195-1, Textiles - Determination of index ingredient from coloured textiles - Part 1: Madder - 6/18/2022, \$53.00

ISO/DIS 22195-2, Textiles - Determination of index ingredient from coloured textiles - Part 2: Turmeric - 6/18/2022, \$53.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO/FDIS 24120-1, Agricultural irrigation equipment - Guideline on the implementation of pressurized irrigation systems - Part 1: General principles of irrigation - 4/30/2021, \$93.00

ISO/DIS 24120-2, Agricultural irrigation equipment - Guideline on the implementation of pressurized irrigation systems - Part 2: Drip irrigation - 6/17/2022, \$82.00

Traditional Chinese medicine (TC 249)

ISO/FDIS 23963-1, Traditional Chinese medicine - Requirements for process traceability systems in Chinese materia medica and decoction pieces - Part 1: Components - 3/25/2021, \$53.00

Transport information and control systems (TC 204)

ISO/DIS 20900, Intelligent transport systems - Partially automated parking systems (PAPS) - Performance requirements and test procedures - 6/16/2022, \$93.00

ISO/DIS 23795-2, Intelligent transport systems (ITS) - Extracting trip data via nomadic device for estimating CO2 emissions - Part 2: Information provision for eco-friendly driving behaviour - 6/20/2022, \$62.00

Welding and allied processes (TC 44)

ISO/FDIS 17636-1, Non-destructive testing of welds - Radiographic testing - Part 1: X- and gamma-ray techniques with film - 2/15/2021, \$107.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 19075-9, Information technology - Guidance for the use of database language SQL - Part 9: Online analytic processing (OLAP) capabilities - 1/28/2022, \$119.00

ISO/IEC DIS 39794-2, Information technology - Extensible biometric data interchange formats - Part 2: Finger minutiae data - 6/17/2022, \$155.00

ISO/IEC/IEEE DIS 15288, Systems and software engineering - System life cycle processes - 1/28/2022, \$165.00

IEC Standards**All-or-nothing electrical relays (TC 94)**

94/672/CD, IEC 61810-7-8 ED1: All-or-nothing electrical relays - Tests and Measurements - Part 7-8: Timing, 05/27/2022

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

100/3756/CD, IEC TR 60728-201 ED1: A Study of IPTV System for Optical Broadcast Service, 05/27/2022

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

46C/1219/CDV, IEC 61156-13: MULTICORE AND SYMMETRICAL PAIR/QUAD CABLES FOR DIGITAL COMMUNICATIONS - Part 13: Symmetrical single pair cables with transmission characteristics up to 20 MHz - Horizontal floor wiring - Sectional specification, 06/24/2022

46A/1565/CD, IEC 61196-8 ED2: Coaxial communication cables - Part 8: Sectional specification for semi-flexible cables with fluoropolymer dielectric, 06/24/2022

46A/1566/CD, IEC 61196-8-1 ED2: Coaxial communication cables - Part 8-1: Blank detail specification for semi-flexible cables with fluoropolymer dielectric, 06/24/2022

46A/1567/CD, IEC 61196-9 ED2: Coaxial communication cables - Part 9: Sectional specification for RF flexible cables, 06/24/2022

46A/1568/CD, IEC 61196-9-1 ED2: Coaxial communication cables - Part 9-1: Flexible RF coaxial cables - Blank detail specification, 06/24/2022

Electrical accessories (TC 23)

23E/1243A/CDV, IEC 61540 ED2: Electrical accessories - Portable residual current devices without integral overcurrent protection for household and similar use (PRCDs), 06/03/2022

Electrical installations of buildings (TC 64)

64/2555/NP, PNW 64-2555 ED1: Requirements for special installations or locations - Resilient power supply system, 06/24/2022

Fibre optics (TC 86)

86B/4607/CD, IEC 63267-2-2 ED1: Fibre optic interconnecting devices and passive components - Fibre optic connector multimode optical interfaces - Part 2-2: Connection of 50 m core diameter multimode physically contacting fibres - Non-angled and angled for reference connector application, at wavelength of 850 nm using IEC 60793-2-10 selected A1-OM2b to A1-OM5b fibre only, 06/24/2022

86A/2190/DTR, IEC TR 62285 ED3: Application guide for nonlinear coefficient measuring methods, 05/27/2022

Flat Panel Display Devices (TC 110)

110/1424/CD, IEC TR 63340-3 ED1: Electronic displays for special applications - Part 3: Gaming and e-sports, 05/27/2022

Fluids for electrotechnical applications (TC 10)

10/1163(F)/FDIS, IEC 60475 ED3: Method of sampling insulating liquids, 04/22/2022

10/1164(F)/FDIS, IEC 60599 ED4: Mineral oil-filled electrical equipment in service - Guidance on the interpretation of dissolved and free gases analysis, 04/22/2022

Industrial-process measurement and control (TC 65)

65E/865(F)/CDV, IEC 62769-100 ED2: Field device integration (FDI) - Part 100: Profiles - Generic protocols, 05/27/2022

65E/860(F)/CDV, IEC 62769-101-1 ED3: Field device Integration (FDI) - Part 101-1: Profiles - Foundation Fieldbus H1, 05/27/2022

65E/861(F)/CDV, IEC 62769-101-2 ED3: Field Device Integration (FDI) - Part 101-2: Profiles - Foundation Fieldbus HSE, 05/27/2022

65E/862(F)/CDV, IEC 62769-103-1 ED3: Field Device Integration (FDI) - Part 103-1: Profiles - PROFIBUS, 05/27/2022

65E/863(F)/CDV, IEC 62769-103-4 ED3: Field Device Integration (FDI) - Part 103-4: Profiles - PROFINET, 05/27/2022

65E/864(F)/CDV, IEC 62769-109-1 ED3: Field device integration (FDI) - Part 109-1: Profiles - HART and WirelessHART, 05/27/2022

65E/866(F)/CDV, IEC 62769-150-1 ED2: Field device integration (FDI) - Part 150-1: Profiles - ISA100 WIRELESS, 05/27/2022

65E/867(F)/CDV, IEC 62769-6 ED3: Field Device Integration (FDI) - Part 6: Technology Mapping, 05/27/2022

65E/868(F)/CDV, IEC 62769-6-100 ED1: Field Device Integration (FDI) - Part 6-100: Technology Mapping - Net, 05/27/2022

65E/870(F)/CDV, IEC 62769-6-200 ED1: Field Device Integration (FDI) - Part 6-200: Technology Mapping - HTML5, 05/27/2022

65E/880/CDV, IEC 63365 ED1: Digital Nameplate - Digital Product Marking, 06/24/2022

65/927/DPAS, IEC PAS 63441 ED1: Functional Architecture of Industrial Internet System for Industrial Automation Applications, 05/27/2022

Insulators (TC 36)

36/542/CDV, IEC 60437 ED3: Radio interference test on high-voltage insulators, 06/24/2022

Laser equipment (TC 76)

76/702/CD, IEC TS 60825-19 ED1: Safety of laser products - Part 19: Moving Platform Laser Products, 06/24/2022

Maritime navigation and radiocommunication equipment and systems (TC 80)

80/1030(F)/FDIS, IEC 63173-2 ED1: Maritime navigation and radiocommunication equipment and systems - Data interface - Part 2: Secure communication between ship and shore (SECOM), 04/22/2022

80/1031(F)/FDIS, IEC 63269 ED1: Maritime navigation and radiocommunication equipment and systems - Maritime survivor locating devices (man overboard devices) - Minimum requirements, methods of testing and required test results, 04/22/2022

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

113/656/CD, IEC TS 62565-1 ED1: Nanomanufacturing - Material specifications, Part 1 - Basic concept, 05/27/2022

113/655/CD, IEC TS 62607-7-2 ED1: Nanomanufacturing - Key Control Characteristics - Part 7-2: Nano-enabled photovoltaics - Device evaluation method for indoor light, 06/24/2022

Power electronics (TC 22)

22/355(F)/FDIS, IEC 62477-1 ED2: Safety requirements for power electronic converter systems and equipment - Part 1: General, 04/15/2022

Power system control and associated communications (TC 57)

57/2488/CD, IEC TR 61850-90-23 ED1: Communication networks and systems for power utility automation - Part 90-23: Use of IEC 61850 for microgrid systems, 06/24/2022

Safety of measuring, control, and laboratory equipment (TC 66)

66/757/CDV, IEC 61010-031 ED3: Safety requirements for electrical equipment for measurement, control and laboratory use - Part 031: Safety requirements for hand-held probe assemblies for electrical measurement and test, 06/24/2022

66/756/CDV, IEC 61010-2-034 ED2: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-034: Particular requirements for measurement equipment for insulation resistance and test equipment for electric strength, 06/24/2022

Switchgear and controlgear (TC 17)

17C/845/FDIS, IEC 62271-212 ED2: High-voltage switchgear and controlgear - Part 212: Compact Equipment Assembly for Distribution Substation (CEADS), 05/13/2022

17/1122/CD, IEC TS 62271-5 ED1: High-voltage switchgear and controlgear - Part 5: Common specifications for direct current switchgear, 06/24/2022

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

121/97/CD, IEC 63404 ED1: Switchgear and controlgear and their assemblies for low voltage - Integration method of radiocommunication device into an equipment, 06/24/2022



Newly Published ISO Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization. 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>).

Agricultural food products (TC 34)

ISO 23319:2022, Cheese and processed cheese products, caseins and caseinates - Determination of fat content - Gravimetric method, \$111.00

Aircraft and space vehicles (TC 20)

ISO 22893:2022, Space systems - Software product assurance (SPA), \$73.00

ISO 23135:2022, Space systems - Verification programme and management process, \$175.00

Building construction (TC 59)

ISO 22057:2022, Sustainability in buildings and civil engineering works - Data templates for the use of environmental product declarations (EPDs) for construction products in building information modelling (BIM), \$225.00

Cleaning equipment for air and other gases (TC 142)

ISO 29463-5:2022, High-efficiency filters and filter media for removing particles in air - Part 5: Test method for filter elements, \$175.00

Fire safety (TC 92)

ISO 20710-1:2022, Fire safety engineering - Active fire protection systems - Part 1: General principles, \$111.00

Floor coverings (TC 219)

ISO 24338:2022, Laminate floor coverings - Determination of abrasion resistance, \$149.00

Hydrometric determinations (TC 113)

ISO 4373:2022, Hydrometry - Water level measuring devices, \$175.00

Mechanical vibration and shock (TC 108)

ISO 10326-2:2022, Mechanical vibration - Laboratory method for evaluating vehicle seat vibration - Part 2: Application to railway vehicles, \$175.00

Other

ISO 5402-1:2022, Leather - Determination of flex resistance - Part 1: Flexometer method, \$73.00

Plastics (TC 61)

ISO 4765:2022, Chemically-induced ultra-weak photon emission (UPE) - Measurement as an analysis method of degradation of polymeric material, \$149.00

ISO 24360:2022, Composites and reinforcements fibres - Carbon fibre reinforced plastics (CFRPs) and metal assemblies - Determination of the cross tension strength, \$73.00

ISO 11358-1:2022, Plastics - Thermogravimetry (TG) of polymers - Part 1: General principles, \$111.00

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

ISO 3459:2022, Plastic piping systems - Mechanical joints between fittings and pressure pipes - Test method for leaktightness under negative pressure, \$48.00

Road vehicles (TC 22)

ISO 7141:2022, Road vehicles - Light alloy wheels - Lateral impact test, \$73.00

ISO 24195:2022, Road vehicles - Vocabulary and characteristics for engineering of starting devices, \$73.00

ISO/PAS 5112:2022, Road vehicles - Guidelines for auditing cybersecurity engineering, \$149.00

Rubber and rubber products (TC 45)

ISO 2782-1:2022, Rubber, vulcanized or thermoplastic - Determination of permeability to gases - Part 1: Differential-pressure methods, \$149.00

Safety of amusement rides and amusement devices (TC 254)

ISO 17842-3:2022, Safety of amusement rides and amusement devices - Part 3: Requirements for inspection during design, manufacture, operation and use, \$73.00

Ships and marine technology (TC 8)

ISO 799-3:2022, Ships and marine technology - Pilot ladders - Part 3: Attachments and associated equipment, \$48.00

ISO 23730:2022, Marine technology - Marine environment impact assessment (MEIA) - General technical requirements, \$48.00

Solar energy (TC 180)

ISO 9488:2022, Solar energy - Vocabulary, \$48.00

Steel (TC 17)

ISO 4968:2022, Steel - Macrographic examination by sulphur print (Baumann method), \$73.00

Technical drawings, product definition and related documentation (TC 10)

IEC 81346-1:2022, Industrial systems, installations and equipment and industrial products - Structuring principles and reference designations - Part 1: Basic rules, \$437.00

Terminology (principles and coordination) (TC 37)

ISO/DIS 24620-4, Language resource management - Controlled human communication (CHC) - Part 4: Basic principles and methodology for Stylistic Guidelines in Localization (SGL), FREE

Textiles (TC 38)

ISO 24040:2022, Textiles - Determination of certain benzotriazole compounds, \$73.00

Traditional Chinese medicine (TC 249)

ISO 22585:2022, Traditional Chinese medicine - Codonopsis pilosula root, \$111.00

ISO 22586:2022, Traditional Chinese medicine - Paeonia lactiflora root - White peony root, \$111.00

ISO 23965:2022, Traditional Chinese medicine - Bupleurum chinense, Bupleurum scorzoniferolium and Bupleurum falcatum root, \$149.00

Welding and allied processes (TC 44)

ISO 9016:2022, Destructive tests on welds in metallic materials - Impact tests - Test specimen location, notch orientation and examination, \$73.00

ISO Technical Reports**Ergonomics (TC 159)**

ISO/TR 9241-311:2022, Ergonomics of human-system interaction - Part 311: Application of ISO 9241-307: LCD screens for workstations, \$111.00

ISO Technical Specifications**Surface chemical analysis (TC 201)**

ISO/TS 22933:2022, Surface chemical analysis - Secondary ion mass spectrometry - Method for the measurement of mass resolution in SIMS, \$111.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 18181-1:2022, Information technology - JPEG XL image coding system - Part 1: Core coding system, \$250.00

ISO/IEC 19944-2:2022, Cloud computing and distributed platforms - Data flow, data categories and data use - Part 2: Guidance on application and extensibility, \$149.00

ISO/IEC 21122-1:2022, Information technology - JPEG XS low-latency lightweight image coding system - Part 1: Core coding system, \$250.00

ISO/IEC 21122-2:2022, Information technology - JPEG XS low-latency lightweight image coding system - Part 2: Profiles and buffer models, \$200.00

ISO/IEC 21122-3:2022, Information technology - JPEG XS low-latency lightweight image coding system - Part 3: Transport and container formats, \$200.00

ISO/IEC 23093-1:2022, Information technology - Internet of media things - Part 1: Architecture, \$149.00

ISO/IEC 23093-2:2022, Information technology - Internet of media things - Part 2: Discovery and communication API, \$111.00

ISO/IEC 2382-37:2022, Information technology - Vocabulary - Part 37: Biometrics, \$48.00

ISO/IEC 30171-1:2022, Internet of Things (IoT) - Base-station based underwater wireless acoustic network (B-UWAN) - Part 1: Overview and requirements, \$111.00

ISO/IEC 7816-11:2022, Identification cards - Integrated circuit cards - Part 11: Personal verification through biometric methods, \$149.00

ISO/IEC 10192-4-1:2022, Information technology - Home electronic system (HES) interfaces - Part 4-1: Common user interface and interoperability among home systems - Architecture, \$26.00

ISO/IEC 29110-2-1:2015/Amd 1:2022, Software engineering - Lifecycle profiles for Very Small Entities (VSEs) - Part 2-1: Framework and taxonomy - Amendment 1: Update of references and editorial improvements, \$20.00

International Electrotechnical Commission (IEC)

USNC TAG Administrator - Organization Needed

USNC TAG to IEC/TC 77 SC77A SC77B SC77C CISPR CIS/A CIS/B CIS/F CIS/H and CIS/I

Deadline April 29, 2022

NEMA is relinquishing its role as the USNC TAG Administrator for the USNC TAG to IEC/TC 77 SC77A SC77B SC77C CISPR CIS/A CIS/B CIS/F CIS/H and CIS/I by September 1, 2022. The USNC is looking for a new organization(s) to take on this USNC TAG Administratorship(s).

Please note that according to the rules and procedures of the USNC, a USNC TAG cannot exist without a USNC TAG Administrator. If we cannot find a new USNC TAG Administrator, the USNC will have to withdraw from international participation and register with the IEC as a Non-Member of this Committee.

If an organization is interested in the position of USNC TAG Administrator for the USNC TAG to IEC/TC 77; SC77A; SC77B; SC77C; CISPR CIS/A; CIS/B; CIS/F; CIS/H and CIS/I, they are invited to contact Betty Barro at bbarro@ansi.org by April 29th, 2022.

To see the scopes for IEC/ TC 77; SC77A; SC77B; SC77C; CISPR CIS/A; CIS/B; CIS/F; CIS/H and CIS/I, [click here](#).

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

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

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

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



**BSR/ASHRAE Addendum j
to ANSI/ASHRAE Standard 62.1-2019**

Public Review Draft

Proposed Addendum j to Standard 62.1-2019, Ventilation and Acceptable Indoor Air Quality

**First Public Review (March 2022)
(Draft shows Proposed
Changes to Current Standard)**

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

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ASHRAE, 180 Technology Parkway, Peachtree Corners, Georgia 30092

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

The underlying principles of dilution are rooted in mass balance and the rates in the standard are reported in standard CFM, as indicated by Section 6.2.1.1.3. The standard presently allows the designer to adjust for actual air density, but a survey of actual design practice indicates that this correction is rarely if ever applied to the ventilation rates. Therefore, the committee is proposing that the rates be adjusted for actual air density, which is primarily driven by the elevation of the outdoor air intake. Adjustments for temperature and humidity play a much less significant role in density, so the designer is generally permitted to neglect these considerations, although it should be noted that areas of extreme temperature and humidity could consider these effects, which may reduce the elevation adjustments for regions with extremely cold temperatures or regions with extremely high humidity.

The committee recognizes that this change will increase required ventilation rates in most areas.

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

Delete Section 6.2.1.1.3 as shown below and renumber following sections accordingly.

~~6.2.1.1.3 Air Density.~~ Volumetric airflow rates are based on dry air density of 0.075 lb_{da}/ft³ (1.2 kg_{da}/m³) at a barometric pressure of 1 atm (101.3 kPa) and an air temperature of 70°F (21°C). Rates shall be permitted to be adjusted for actual density.

Add Section 6.2.1.3 and renumber following sections accordingly.

6.2.1.3 Air Density Correction Factor. The air density correction factor ($E\rho$) shall be determined in accordance with Table 6-5 or Normative Appendix D. Outdoor Air Intake Elevation Above Sea Level shall be measured to the center of the louver.

Informative Note: Where multiple louvers or systems are present the designer may utilize the elevation of the highest louver in lieu of the elevation at each louver.

Table 6-5 Air Density Correction Factor

<u>Outdoor Air Intake Elevation Above Sea Level, ft</u>	<u>Outdoor Air Intake Elevation Above Sea Level, m</u>	<u>$E\rho$</u>
<u>< 515</u>	<u>< 158</u>	<u>1.00</u>
<u>515 – 1855</u>	<u>158 – 566</u>	<u>1.05</u>
<u>1855 – 3120</u>	<u>566 – 951</u>	<u>1.10</u>
<u>3120 – 4320</u>	<u>951 – 1317</u>	<u>1.15</u>
<u>4320 – 5460</u>	<u>1317 – 1664</u>	<u>1.20</u>

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<u>5460 – 6540</u>	<u>1664 – 1994</u>	<u>1.25</u>
<u>6540 – 7575</u>	<u>1994 – 2309</u>	<u>1.30</u>
<u>7575 – 8560</u>	<u>2309 – 2609</u>	<u>1.35</u>
<u>8560 – 9505</u>	<u>2609 – 2897</u>	<u>1.40</u>
<u>9505 – 10410</u>	<u>2897 – 3173</u>	<u>1.45</u>
<u>10410 – 11275</u>	<u>3173 – 3437</u>	<u>1.50</u>
<u>> 11275</u>	<u>> 3437</u>	<u>Use Normative Appendix D</u>

Modify existing Section 6.2.1.3 as shown below.

6.2.1.34 Zone Outdoor Airflow. The zone outdoor airflow (V_{oz}) provided to the ventilation zone by the supply air distribution system shall be determined in accordance with Equation 6-2.

$$V_{oz} = V_{bz}/E_z \times E_{\rho} \quad (6-2)$$

Add new Normative Appendix D as shown below and renumber appendices accordingly.

(This is a normative appendix and is part of the standard.)

NORMATIVE APPENDIX D **AIR DENSITY CORRECTION FACTOR**

This appendix presents an alternative procedure for determining the air density correction factor (E_{ρ}). This analytical method can be used instead of Table 6-5. The volumetric airflow rates in this standard are based on a dry-air density of 0.075 lb/ft³ (1.2 kg/m³) at a barometric pressure of 1 atm (101.3 kPa) and an air temperature of 70°F (21°C).

D1. AIR DENSITY CORRECTION FACTOR

The air density correction factor (E_{ρ}) shall be calculated in accordance with Sections D1.1 through D1.5.

D1.1 Design Condition. The air density correction factor (E_{ρ}) shall be calculated at the design condition with the lowest coincident air density.

D1.2 Elevation Adjustment. The elevation adjustment factor (C_z) shall be calculated in accordance with Equation D-1a (I-P) or D-1b (SI).

$$C_z = 1/(1 - Z * 6.8754 * 10^{-6})^{5.2559} \quad (D-1a)$$

$$C_z = 1/(1 - Z * 2.25577 * 10^{-5})^{5.2559} \quad (D-1b)$$

where

Z = outdoor air intake elevation above sea level, ft (m)

D1.3 Temperature Adjustment. The temperature adjustment factor (C_T) shall be calculated in accordance with Equation D-2a (I-P) or D-2b (SI).

$$C_T = (T + 459.67)/529.67 \quad (D-2a)$$

$$C_T = (T + 273.15)/294.15 \quad (D-2b)$$

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where

T = outdoor air temperature at design condition, °F (°C)

D1.3.1 The temperature adjustment factor (C_T) may be taken as 1.0 where the outdoor air temperature at design conditions is less than 104°F (40°C).

D1.4 Moisture Adjustment. The moisture adjustment factor shall be calculated in accordance with Equation D-3.

$$C_W = (1 + W)/(1 + 1.6078 \times W) \quad (D-3)$$

where

W = humidity ratio at design conditions, lb moisture per lb dry air (kg moisture per kg dry air)

D1.4.1 The moisture adjustment factor may be taken as 1.0 where the outdoor air humidity ratio at design conditions is less than 0.024 lb_w/lb_{da} (0.024 kg_w/kg_{da}).

D1.5 Air Density Correction. The air density correction factor (E_ρ) shall be calculated in accordance with Equation D-4.

$$E_\rho = C_Z \times C_T \times C_W \quad (D-4)$$

D2. Alternative Calculation Methods

The use of other calculation methods, including computer simulation, to determine the air density correction factor shall be permitted.

D2.1 Design Condition. The air density shall be calculated at the design condition with the lowest coincident air density.

D2.2 Calculation Parameters. The calculation method shall include elevation above sea level, design air temperature, and design moisture content as factors contributing to the air density.

D2.2.1 Pressurized Outdoor Air Intakes. Where outdoor air is supplied to the ventilation system under pressure and the pressure is maintained at all times that the ventilation system is operating, the air density calculation may include the static pressure at the ventilation system outdoor air intake.

D2.3 Air Density Correction. The air density correction factor (E_ρ) shall be calculated in accordance with Equation D-5a (I-P) or D-5b (SI).

$$E_\rho = 0.075/\rho \quad (D-5a)$$

$$E_\rho = 1.2/\rho \quad (D-5b)$$

where

ρ = minimum outdoor air density at design conditions, lb_{da}/ft³ (kg_{da}/m³)

D2.3.1 The air density correction factor (E_ρ) may be taken as 1.0 where the air density at design conditions is greater than 0.072 lb_{da}/ft³ (1.1 kg_{da}/m³).



**BSR/ASHRAE Addendum m
to ANSI/ASHRAE Standard 62.2-2019**

Public Review Draft

**Proposed Addendum m to
Standard 62.2-2019, Ventilation and
Acceptable Indoor Air Quality in
Residential Buildings**

**First Public Review (February 2022)
(Draft shows Proposed Changes to Current Standard)**

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research-technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

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BSR/ASHRAE Addendum m to ANSI/ASHRAE Standard 62.2-2019, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings*
 First Public Review Draft

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FOREWORD

This proposed addendum increases the designated minimum efficiency of certain filters from MERV 6 to MERV 11, with comparable increases to minimum particle size efficiencies established using AHRI Standard 680. This change is proposed to improve indoor air quality by reducing the concentration of particulate matter, specifically by establishing a minimum performance to address particulates with a diameter of 0-2.5 μm .

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Addendum m to 62.2-2019

Revise Section 6.7 s shown below.

6.7 Minimum Filtration. Mechanical systems that supply air to an occupiable space through ductwork exceeding 10 ft (3 m) in length and through a thermal conditioning component, except evaporative coolers, shall be provided with a filter having a designated minimum efficiency of MERV ~~6-11~~ or better when tested in accordance with ANSI/ASHRAE Standard 52.2, or a minimum particle size efficiency of 20% in the 0.3 to 1.0 μm range, 65% in the 1.0 to 3.0 μm range, and 50-85% in the 3.0 to 10 μm range in accordance with AHRI Standard 680. The system shall be designed such that all recirculated and mechanically supplied outdoor air is filtered before passing through the thermal conditioning components. The filter shall be located and installed in such a manner as to facilitate access and regular service by the owner.

EXECUTIVE SUMMARY OF CHANGES TO ESD DSTM9.1-2021

3.0 DEFINITIONS

The terms used in the body of this document are in accordance with the definitions found in ESD ADV1.0, ESD Association's Glossary of Terms, available for complimentary download at www.esda.org.

footwear (shoes/boots). A covering for the human foot that has properties to control the generation and dissipation of static charge when used in conjunction with a static control floor, floor finish, or floor mat.

body contacting mechanism (BCM). The part of the footwear or foot grounder that makes electrical contact with the body.

~~**current limiting resistance.** A resistance that is incorporated in the electrical path to ground of the foot grounder system. This resistance is intended to limit the electrical current that could pass through the foot grounder in the event of inadvertent user contact with electrical potential.~~

floor contacting surface (FCS). The part of the footwear or foot grounder that makes electrical contact with the grounding surface.

foot grounder. A personal grounding device that is worn on the shoe. The device makes electrical contact between the wearer and the surface on which the wearer is standing. This definition includes sole/heel/toe grounders and shoe covers/booties or similar devices.

shot. A collective term for small metal balls, spheres, or pellets with a diameter of ≤ 3 mm.

4.0 PERSONNEL SAFETY

4.1 THE PROCEDURES AND EQUIPMENT DESCRIBED IN THIS DOCUMENT MAY EXPOSE PERSONNEL TO HAZARDOUS ELECTRICAL CONDITIONS. USERS OF THIS DOCUMENT ARE RESPONSIBLE FOR SELECTING EQUIPMENT THAT COMPLIES WITH APPLICABLE LAWS, REGULATORY CODES, AND BOTH EXTERNAL AND INTERNAL POLICY. USERS ARE CAUTIONED THAT THIS DOCUMENT CANNOT REPLACE OR SUPERSEDE ANY REQUIREMENTS FOR PERSONNEL SAFETY.

GROUND FAULT CIRCUIT INTERRUPTERS (GFCI) AND OTHER SAFETY PROTECTION SHOULD BE CONSIDERED WHEREVER PERSONNEL MIGHT COME INTO CONTACT WITH ELECTRICAL SOURCES.

ELECTRICAL HAZARD REDUCTION PRACTICES SHOULD BE EXERCISED, AND PROPER GROUNDING INSTRUCTIONS FOR EQUIPMENT SHALL BE FOLLOWED.

THE RESISTANCE MEASUREMENTS OBTAINED THROUGH THE USE OF THIS TEST METHOD SHALL NOT BE USED TO DETERMINE THE RELATIVE SAFETY OF PERSONNEL EXPOSED TO HIGH AC OR DC VOLTAGES.

4.2 THE RESISTANCE VALUES OBTAINED USING THE TEST METHOD DESCRIBED IN THIS DOCUMENT ~~ARE SHALL~~ NOT ~~TO~~ BE USED TO DEFINE THE RELATIVE ELECTRICAL HAZARD REDUCTION AFFORDED BY FOOTWEAR.

5.2 Test Method for Footwear (Shoes and Boots)

5.2.1 Specimen Preparation and Conditioning

5.2.1.1 Cleaning

The bottom and inner sole of the specimen shall be wiped with a dry cloth to remove dust. The negative electrode shall be cleaned with an isopropanol-water solution, for example, 70% isopropanol (IPA), which uses either deionized, distilled, or purified water, using a clean low-linting cloth. Allow the electrode to air dry.

A minimum of six (6) specimens (3 pairs) from each sole type shall be tested.

NOTE: If the insoles are different, but the outer sole is the same, this footwear ~~will need to~~ shall be tested as a separate specimen.

5.2.1.2 Low Humidity Environment Conditioning

After cleaning, specimens shall be placed in a low humidity environment of $12\% \pm 3\%$ relative humidity and $23\text{ }^{\circ}\text{C} \pm 3\text{ }^{\circ}\text{C}$. Conditioning of the samples shall be at least 72 hours.

NOTE: Round robin testing determined that shoes required longer conditioning time to reach moisture equilibrium.

The samples shall remain in this environment until all testing is completed.

ANNEX B (INFORMATIVE) - FABRICATION OF SHOT BAG

Number 6 shot (defined by American, English, European, and Australian size shot normally < 3 mm in size) may fall through the fabric weave, especially knit socks. Constructing 47 to 70 mm tubes from a tightly woven fabric is recommended.

After considerable research, it was determined that while weight is a variable when measuring the resistance of footwear, after 11.35 kg, there is no significant difference in the electrical resistance readings. Therefore, a minimum of 11.35 kg of weight is required. Number 6 shot was chosen because it would most easily conform to the inside surface of any footwear size and lends itself to even weight distribution.

BSR/OPEI 60335-2-107 AM-2

22.105.2 Obstruction sensors

DV DE Modification: *Replace this clause with the following:*

The machine shall be provided with an **obstruction sensor(s)**. In **automatic mode**, the **sensor(s)** shall be active and capable of performing its intended function in all operating positions and in all directions of travel, except those directions of travel where

- the **cutting means** is not operating and the distance travelled does not exceed 2,0 times the length of the machine; or
- the **cutting means** is operating and the distance travelled does not exceed the distance from the edge of the machine in the direction of travel to the nearest **cutting means tip circle**.

NOTE 101 The machine does not have to incorporate discrete sensing devices for each **sensor** requirement. The various sensing functions can be achieved by fewer devices that respond to multiple stimuli. Sensing requirements can also be fulfilled by mechanical devices instead of **electrical circuits**.

The maximum force applied by the machine against an obstruction in **automatic mode** shall not be greater than

- 260 N during the first 0,5 s after impact and a minimum of 50 N is exceeded; and
- 130 N thereafter.

NOTE 102 ISO/TS 15066 provides guidance on relevant values of maximum force.

If an **obstruction sensor** is activated, the **traction drive** in the direction of travel shall stop within

$t_{ts} = D/v$, where

t_{ts} is the **traction drive stopping time**;

D is the distance from the front edge of the machine to the nearest edge of the nearest **cutting means tip circle**; and

v is the velocity of the machine upon approach.

The machine shall then restart in a different direction to allow the machine to move away from the object such that the **sensor** is deactivated within 3 s of initial activation. If the **sensor** is not deactivated within 3 s of initial activation, the **cutting means** shall stop as required by 20.102.2.

An additional non-contact **sensor**, if relied upon to reduce speed in order to fulfil the requirement for maximum force upon impact, is permitted providing that it responds to a rigid non-metallic target:

- of cylindrical shape;
- of (70 ± 2) mm diameter by (400 ± 5) mm height, standing on end;
- of a colour or shade that matches the background; and

– normalized to the ambient temperature.

Compliance is checked by inspection, by measurement, by the following test and by 20.102.2.

*The machine is placed on a level test surface as described in Clause CC.3. The machine shall be made to collide with a force measuring means. The force to operate the **obstruction sensor** at impact shall be measured parallel to the ground plane and vertically aligned with the point of contact with the force measuring means. The point of contact shall not be higher than 150 mm from the ground plane. Friction, misalignment and other factors associated with the mounting of the force measuring means shall minimise error in the measurement.*

The force is measured by means of an instrument which incorporates a rigid impact plate having a diameter of (90 ± 10) mm and a spring having a spring constant of (60 ± 2) N/mm. The spring acts on a sensing element which is connected to a measuring instrument having a bandwidth limited to (150 ± 50) Hz and with an accuracy of 5 %. The sampling rate shall be at least double the bandwidth. A typical arrangement is shown in Figure 106.

The test is performed a total of five times. The maximum forces during the first 0,5 s after impact and thereafter are computed as the average of each of the five measurements.

*If compliance relies on the operation of an **electronic circuit**, the test is repeated under the following condition:*

- *the fault conditions in a) to g) of 19.11.2 applied one at a time to the **electronic circuit**;*

*If the **electronic circuit** is programmable, the software shall contain measures to control the fault/error conditions specified in Table R.1 and is evaluated in accordance with the relevant requirements of Annex R.*

Alternatively, a non-contact **sensor** may fulfil the requirements of an **obstruction sensor**, providing that it responds to a rigid non-metallic target:

- of cylindrical shape;
- of (25 ± 2) mm diameter by (145 to 150) mm height, standing on end;
- of a colour or shade that matches the background; and
- normalized to the ambient temperature.

Compliance is checked by the following test and by 20.102.2.

The machine is placed on a level test surface as described in Clause CC.3. It shall not be possible for the machine to contact the rigid non-metallic target.

*If compliance relies on the operation of an **electronic circuit**, the test is repeated under the following condition:*

- *the fault conditions in a) to g) of Clause 19.11.2 applied one at a time to the **electronic circuit**;*

*If the **electronic circuit** is programmable, the software shall contain measures to control the fault/error conditions specified in Table R.1 and is evaluated in accordance with the relevant requirements of Annex R.*

If within 10 s of the machine stopping due to contact or avoidance of an object, the **obstruction sensor(s)** has become deactivated, the drive to the **cutting means** may be restarted providing the **cutting means** start-up indication procedure in 22.110 is completed.

If after 10 s of the machine stopping due to contact or avoidance of an object, the **obstruction sensor(s)** has not become deactivated, the **traction drive** shall be deactivated. Restarting the **cutting means** and **traction drive** shall only be possible by fulfilling the requirements the restart procedure in 20.102.6.

Compliance is checked by inspection and by practical tests.

BSR/UL 60079-13, Standard for Explosive Atmospheres – Part 13: Equipment Protection by Pressurized Room “p” and Artificially Ventilated Room “v”

1. Mechanical ventilation versus Artificial ventilation and Addition of Normative References.

PROPOSAL

1DV.1 *Modification of Clause 1, second, third and fourth paragraphs to replace with the following:*

1DV.1.1 DR The use of Type of Protection “v” is not permitted to be used as the type of protection for a room containing an internal source of release if this same room has already been classified using mechanical or artificial ventilation in accordance with API RP 505, NFPA 497 or ISA 60079-10-1 as applicable. This is because such a use would rely upon the same concept for two independent safety functions. However, for a larger room containing an internal source of release that has been classified using mechanical or artificial ventilation in accordance with API 505, NFPA 497 or ISA 60079-10-1 as applicable, another smaller room containing its own internal source of release may be included within the larger room that does utilize Type of Protection “v” (referred to as “a room within a room”).

1DV.1.3 DR Protection of rooms by using an inert gas or a flammable gas is outside of the scope of this document. It is recognized that such applications are special cases, which in part may be addressed using the principles from IEC UL 60079-2, but in all probability will also be the subject of additional, stringent engineering standards, procedures and practices. Pressurized enclosures for equipment that are not intended to facilitate the entry of personnel are addressed in IEC UL 60079-2, and are not in the scope of this document.

NOTE Maintenance recommendations are contained in [Annex A](#) ~~Error! Reference source not found~~ until they can be included in IEC 60079-17.

1DV.1.4 DR This document supplements and modifies the general requirements of IEC UL 60079-0, except exclusions as indicated in Table [1DV.1](#) ~~Error! Not a valid bookmark self reference~~. Where a requirement of this document conflicts with a requirement of IEC UL 60079-0, the requirement of this document takes precedence.

2. New table clarifying the required minimum types of protection to permit the use of unprotected equipment.

PROPOSAL

Table 5ADV
Minimum Level of Protection to Permit Unprotected Equipment Within Rooms

<u>Scope Permission</u>	<u>Exterior Area Classification†</u>	<u>Min. Interior EPL w/o Protection*</u>	<u>Internal Source of Release</u>	<u>Min. Level of Protection</u>	<u>Clean Air Source (see 5.2)**</u>	<u>Ventilation Test Options (see 7.5.7.2)</u>
<u>1a)</u>	<u>Zone 1</u>	<u>Gb</u>	<u>No</u>	<u>“Ex pb”</u>	<u>Zone 2 or Unclassified</u>	<u>N/A</u>

<u>Scope Permission</u>	<u>Exterior Area Classification†</u>	<u>Min. Interior EPL w/o Protection*</u>	<u>Internal Source of Release</u>	<u>Min. Level of Protection</u>	<u>Clean Air Source (see 5.2)**</u>	<u>Ventilation Test Options (see 7.5.7.2)</u>
<u>1a), 1b)</u>	<u>Zone 2</u>	<u>Gc</u>	<u>No</u>	<u>“Ex pc” or “Ex vc”</u>	<u>Zone 2 or Unclassified</u>	<u>N/A</u>
<u>1a)</u>	<u>Zone 21</u>	<u>Db</u>	<u>No</u>	<u>“Ex pb”</u>	<u>Unclassified</u>	<u>N/A</u>
<u>1a)</u>	<u>Zone 22</u>	<u>Dc</u>	<u>No</u>	<u>“Ex pc”</u>	<u>Unclassified</u>	<u>N/A</u>
<u>1d)</u>	<u>Zone 1</u>	<u>Gb</u>	<u>Yes</u>	<u>“Ex pb vc”</u>	<u>Zone 2 or Unclassified</u>	<u>Testing option only</u>
<u>1d)</u>	<u>Zone 1</u>	<u>Gc</u>	<u>Yes</u>	<u>“Ex pb vc”</u>	<u>Zone 2 or Unclassified</u>	<u>May use calculation or modelling</u>
<u>1b)</u>	<u>Zone 2</u>	<u>Gb</u>	<u>Yes</u>	<u>“Ex vc” or “Ex pc vc”</u>	<u>Zone 2 or Unclassified</u>	<u>Testing option only</u>
<u>1b)</u>	<u>Zone 2</u>	<u>Gc</u>	<u>Yes</u>	<u>“Ex vc” or “Ex pc vc”</u>	<u>Zone 2 or Unclassified</u>	<u>May use calculation or modelling</u>
<u>1d)</u>	<u>Zone 21</u>	<u>Db & Gb</u>	<u>Yes</u>	<u>“Ex pb vc”</u>	<u>Unclassified</u>	<u>Testing option only</u>
<u>1d)</u>	<u>Zone 21</u>	<u>Db & Gc</u>	<u>Yes</u>	<u>“Ex pb vc”</u>	<u>Unclassified</u>	<u>May use calculation or modelling</u>
<u>1d)</u>	<u>Zone 22</u>	<u>Dc & Gb</u>	<u>Yes</u>	<u>“Ex pc vc”</u>	<u>Unclassified</u>	<u>Testing option only</u>
<u>1d)</u>	<u>Zone 22</u>	<u>Dc & Gc</u>	<u>Yes</u>	<u>“Ex pc vc”</u>	<u>Unclassified</u>	<u>May use calculation or modelling</u>
<u>1c)</u>	<u>Unclassified</u>	<u>Gb</u>	<u>Yes</u>	<u>“[Ex vc]”</u>	<u>Unclassified</u>	<u>Testing option only</u>
<u>1c)</u>	<u>Unclassified</u>	<u>Gc</u>	<u>Yes</u>	<u>“[Ex vc]”</u>	<u>Unclassified</u>	<u>May use calculation or modelling</u>

† The term “Exterior Area Classification” applies to the area classification in which the room is located, as to differentiate from the area classification inside the room.

* Determination of the minimum EPL without a UL 60079-13 Level of Protection is dependent upon the grade of the internal source of release. See ANSI/ISA-60079-10-1 (12.24.01).

** The clean air source can only be from a Zone 2 or an unclassified area, as indicated. Clean air sources from Zone 0, 1, 20, 21 and 22 areas are not permitted, (see 5.2).

3. Clarifying the requirements for Type of Protection “v” with the text of the Scope permissions.

PROPOSAL

3.14

3.14DV DR Modification of Clause 3.14 references to replace with the following:
artificially ventilated room

room volume protected by artificial ventilation and of sufficient size to permit the entry of a person who may occupy the room

~~Note 1 to entry: The room volume can be an entire room (general) or part of a room (local ventilation).~~

8.3DV.1 DR Modification for Clause 8.3 to delete 3rd paragraph as follows:

~~If not a complete room, then similar markings may be applied close to the ventilated area, for example on the ventilation hood.~~

5. Clarifying the permitted source for clean air.

PROPOSAL

5.2DV DR Modification of Clause 5.2 to replace with the following:

The source of clean air shall be determined from the nature of the process and the physical layout and should be from a non-hazardous area. Under certain conditions as prescribed below and in 6.1.2 and in 7.1.2, the source may be from a Zone 2 ~~or unclassified~~ area, **but shall not be from Zone 1, 20, 21 and 22 areas.**

7. Clarifying the rules of dilution regarding minimum flow rate.

PROPOSAL

7.1.3.1 General

7.1.3.1DV DR Modification of Clause 7.1.3.1 to replace with the following:

The required artificial ventilation flow rate and arrangement shall be determined such that it is sufficient to control the internal source of release or achieve the required dilution for the anticipated release conditions. ~~This~~ **The requirements for dilution shall be determined in accordance with applicable national standard such as API RP 505, ISA 60079-10-1, or NFPA 497 IEC 60079-10-1.**

If conformity assessment (third party) is sought, it is not a requirement of this document that the conformity body confirm the conformance of the area classification of the enclosed space to API RP 505, ISA 60079-10-1, or NFPA 497 ~~to IEC 60079-10-1~~. The manufacturer, or end user as relevant, includes the basis of compliance in the documentation, see 9.3. ~~However, the conformity body shall verify that the dilution methodology is appropriate for the anticipated release conditions~~

If artificial ventilation is used for dilution, ~~the~~ area to be protected shall be managed to reduce the concentration of the gas or vapour to ~~less than~~ **not exceed** 25 % of the lower flammable limit.

9.3 Technical documentation for artificially ventilated rooms

9.3DV DR Modification of Clause 9.3, first dashed item to replace with the following:

For ventilated rooms, the documentation shall also include the following as a minimum:

- all information relating to the use of API RP 505, ISA 60079-10-1, or NFPA 497 IEC 60079-10-4;

8. Markings for ventilated rooms in unclassified areas.

PROPOSAL

8.1 General

8.1 DV DR Modification of Clause 8.1 to replace with the following:

In addition to the requirements of IEC UL 60079-0, the marking shall include the symbol for each †Type (or ‡Level) of ¶Protection used:

- "pb": pressurization (for EPL Gb or Db);
- "pc": pressurization (for EPL Gc or Dc); or
- "vc": artificial ventilation (for EPL Gc); and
- "[vc]": artificial ventilation (for EPL [Gc], unclassified areas with internal source of release)

When artificial ventilation with a separate certificate is marked for installation only in a non-hazardous area, the "AEx marking" shall be "[AEx vc]".

NOTE 1 Marking "[AEx vc]" does not appear in UL 60079-0, Ed. 7 or prior editions.

NOTE 2 Marking "[AEx vc]" does not appear in the 2020 National Electrical Code (NEC)®, NFPA 70, or prior editions.

Examples of AEx marking

- Rooms located in an area requiring EPL Gb without an internal source of release:
Zone 1 AEx pb IIC T4 Gb
- Rooms located in an area requiring EPL Gb with an internal source of release:
Zone 1 AEx pb vc IIC T6 Gb
- Rooms located in an area requiring EPL Gc with an internal source of release:
Zone 2 AEx pc vc IIA T3 Gc or AEx vc IIA T3 Gc
- Rooms located in an unclassified area with an internal source of release:
[AEx vc IIC]

Where †Types (or ‡Levels) of ¶Protection are used together, marking shall be as given in IEC UL 60079-0.

8.3 Marking for artificially ventilated rooms

8.3 DV.1 DR Modification of Clause 8.3, fourth paragraph to replace with the following:

Where the position of a door is significant with respect to the ventilation performance, it shall be clearly marked on the inside and the outside with the position that is to be maintained, for example:

- For rooms located in a classified area

"WARNING – Ventilated room – Keep door closed."

- For rooms located in an unclassified area

"WARNING – Ventilated room due to flammable internal source of release –
Keep door closed."

BSR/UL 1066, Standard for Safety for Low-Voltage AC and DC Power Circuit Breakers Used in Enclosures

1. Proposed Binational Standard for Low-Voltage Power Circuit Breakers up to 1000V AC and 1500 V DC Used in Enclosures

PROPOSAL

1.1 These requirements apply to low-voltage AC power circuit breakers as follows:

- a) Stationary-mounted or drawout-mounted types,
- b) 2-pole, 3-pole, and 4-pole constructions,
- c) Manually operated or power operated, and
- d) With or without electromechanical or solid-state type trip device.

1.4A These requirements apply to equipment rated 1000 V or less nominal, 1058 V maximum AC and 1500 V maximum DC.

(relocated to 1.4A)

2.3 In Canada, general requirements are as indicated in Annex A, Ref. No. 2, and bonding requirements are as indicated in Annex A, Ref. No. 3. In the US, these do not apply.

8.2 An insulating material having values below those specified in Clause 8.1 may be accepted based on acceptable end-product performance tests in Annex A, Ref. No. 6.

12 Grounding and Bonding

Note: The term “grounding” as used in this clause relates to “bonding” in Canada

15 Control Circuit Wiring

15.1 The internal wiring of control circuits shall consist of general use insulated conductors or Appliance Wiring Material (AWM) acceptable for the particular application, when considered with respect to the temperature and voltage and conditions of service to which the conductor is likely to be subjected.

15.3 A splice, where used, shall be provided with insulation equivalent to that of the insulated conductors involved.

16.3 For terminal connections, pressure terminal connectors shall be used, except that for a 10 AWG (5.3 mm²) or smaller insulated conductors, the parts to which wiring connections are made may consist of clamps or wire-binding screws with terminal plates having upturned lugs or the equivalent to hold the conductors in position.

16.4 A wire-binding screw to which field-wiring connections are made shall not be smaller than No. 8, except that a No. 6 or larger screw may be used for a terminal to which 14 AWG (2.1 mm²) or smaller insulated conductors is intended to be connected.

16.5 Notwithstanding Clause 16.6, a terminal plate tapped for a wire-binding screw shall be of metal not less than 0.76 mm (0.030 inch) thick for a 14 AWG (2.1 mm²) or smaller insulated conductors, and not less than 1.27 mm (0.050 inch) thick for a conductor larger than 14 AWG. In either case, there shall not be fewer than two full threads in the metal.

22.1 Each AC device shall have one or more maximum voltage ratings of 254, 508, 635, 730, 847, 953 or 1058 V for application on systems having nominal voltage ratings of 240, 480, 600, 690, 800, 900, 1000V ac. AC integrally fused power circuit breakers and AC power circuit breakers intended to be connected in series with fuse drawouts shall be rated 600 V maximum.

22.3 The 3-phase short-circuit or short-time current rms symmetrical ratings shall be in accordance with Annex A, Ref. No. 7. The single-phase rating shall be 87 percent of the 3-phase ratings.

ANNEX A (Normative)

Reference Standards

Ref. No.	United States	Canada
1	ANSI/NFPA 70, National Electrical Code	CSA C22.1, Canadian Electrical Code, Part I
2	No equivalent	CSA C22.2 No. 0, General Requirements - Canadian Electrical Code, Part II
3	No equivalent	CSA C22.2 No. 0.4, Bonding of Electrical Equipment

D8.1 Devices shall comply with the marking requirements in accordance with Clause 23.

BSR/UL 1072, Standard for Safety for Medium-Voltage Power Cables

1. Revisions to vertical tray flame test requirements

PROPOSAL

(CURRENT)

62.2 Single-conductor (1/0 AWG—1000 kcmil) or multiple-conductor (8 AWG—1000 kcmil) Type MV cable that is of a given construction including either an overall jacket, or a supplementary jacket of nonconductive material over an overall metal sheath or armor, and also has the outer jacket marked [70.1(g)] to indicate that the cable is for use in cable trays if the insulation and outer jacket on that construction in the 1/0 AWG single-conductor cable (100 percent insulation level) or in the 3-conductor 2 AWG cable rated 15 kV (100 percent insulation level) either (1) do not exhibit char that reaches the upper end of any sample when two sets of samples of either cable are separately installed in a vertical ladder type of cable tray and subjected to the test described under “UL Flame Exposure” or (2) do not exhibit a char in excess of 1.5 m or 4 ft, 11 inches when two sets of samples of either cable are tested as described under “FT4/IEEE 1202 Type of Flame Exposure” in the Standard Vertical Tray Fire Propagation and Smoke-Release Test for Electrical and Optical Fiber Cables, UL 1685, (smoke measurements are not applicable).

(PROPOSED)

62.2 The outer layer of the cable may be marked [see 70.1(g)] to indicate that the cable is for use in cable trays when the insulation and outer jacket on the given construction does not exhibit the following:

- a) Char that exceeds 96 in (2440 mm) from the bottom of the tray when two sets of samples of cable are separately installed in a vertical ladder type of cable tray and subjected to the test described under “Vertical tray flame tests (Method 1 - Vertical tray)” in the Standard for Wire and Cable Test Methods, UL 2556 or
- b) Char in excess of 1.5 m or 4 ft 11 inches when two sets of samples of cable are tested as described under “Vertical tray flame tests (Method 2 - FT4)” in the Standard for Wire and Cable Test Methods, UL 2556.

Note: “FOR CT USE” marking for a 1/C cable is limited to 1/0 AWG and larger.

For Method 1 –Vertical tray, samples shall consist of a representative construction, including all materials of the cable from conductor to cable jacket, with either a 1/0 AWG copper (to qualify copper only) or 1/0 AWG aluminum (to qualify copper and aluminum) single-conductor cable with a voltage rating of 15kV (100 or 133

percent insulation level) and for a multiple-conductor cable in the representative construction, including all materials of the cable from insulated conductors to assembly covering, of either a 3-conductor 2 AWG copper (to qualify copper only) or 2 AWG aluminum (to qualify copper and aluminum) cable with a voltage rating of, 15 kV (100 or 133 percent insulation level). Where a construction is tested using a 133 percent insulation level, it shall qualify for lower insulation levels and where tested using a 100 percent insulation, shall only qualify for that insulation level.

For Method 2 – FT4, the minimum conductor size construction for each cable design shall be tested to qualify all larger sizes using identical materials. Addition or deletion of a cable component or a change in material(s) shall constitute a new cable design, except that deletion of fillers or a strand separator shall not constitute a new cable design. Testing a single-insulated conductor will qualify a 1/C cable and testing multi-conductor cables will qualify a multi-conductor cable. Where a construction is tested using a 133 percent insulation level it shall qualify for lower insulation levels and where tested using a 100 percent insulation shall only qualify for that insulation level. If a copper conductor is tested, it will only qualify copper. If an aluminum conductor is tested, it will qualify aluminum and copper.

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BSR/UL 1315, Standard for Safety for Safety Containers for Waste Paper

- 1. Revisions to merging of UL 242, Standard for Safety for Nonmetallic Containers for Waste Paper with UL 1315, Standard for Safety for Metal Waste Paper Containers to form a new standard, the Standard for Safety for Safety Containers for Waste Paper**

PROPOSAL

INTRODUCTION

1 Scope

1.2 These requirements cover waste paper containers intended for use as complete assemblies, consisting of a container body and in some cases, a head or cover. They may be provided with metal or nonmetallic internal liners. They are designed to:

- a) Limit the external surface temperatures of the container bottom should their contents become ignited;**
- b) Extinguish the fire; and**
- c) Contain the contents without contributing fuel to the fire.**

CONSTRUCTION

4 Materials

4.3 Polymeric material shall:

- a) Be classed V-1 or less flammable in accordance with the Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances, UL 94; if the container has a capacity of 8 gallons (30 L) or less, or**
- b) Comply with the requirements in the External Fire Test, Section 9 if the flame rating is less than V-1, or the container has a capacity greater than 8 gallons (30 L).**

PERFORMANCE

5 Tip-Over Test

5.1 The test is to be conducted on all containers which do not have a permanently attached head or cover, containers which have a head or cover that is hinged, containers which are not of the type consisting of a one piece container body/head assembly, and containers which do not have handles on the sides of the container body.

7 Drop Conditioning

7.1 Containers with covers, having less than 30 gallons (112.7 liters) of capacity, all containers without covers, and all internal liners, if provided, are to be conditioned as specified in 7.3, prior to the fire tests.

8 Internal Fire Test

8.1 Samples of each size container, with the head or cover and liner, if provided, in place are to be subjected to 8.2 – 8.7. When tested as specified in 8.2 – 8.7:

a) All containers shall:

- 1) Remain in a standing position.
- 2) Not expel burning or glowing particles.
- 3) Extinguish the fire

b) For non-metallic containers:

- 1) The sides shall not collapse to the extent that the sample will no longer contain the contents.
- 2) There shall be no perforation of the bottom or sides of the container caused by softening or melting. Some distortion or softening is acceptable.
- 3) The container shall not ignite and continue to burn.

8.4 The fourth container is to be completely filled with new, empty, plastic-coated paper milk cartons, of the 1/2 pint (0.24 L) size, and shredded newspaper. The width of the strips of newspaper shall be 0.20 ± 0.10 inch (5.1 ± 2.5 mm). The

shredded paper, when in place in the container, is to have a bulk density of 5.1 oz/ft³ (5.16 kg/m³). The container is to be filled by alternating layers of milk cartons and layers of shredded newspaper with an overall ratio of one layer of shredded newspaper per each milk carton until level with the top edge of the container and with a resulting density of 0.010 ±0.0017 oz/in³ (17.68 ±3.05 oz/ft³, 17.70 ±3.05 kg/m³). The tops of the milk cartons are to be flattened to make a cube shape. The process would be:

- a) 0.045 oz. (1.3 grams) of newspaper should be used for each milk carton used in the test.
- b) Once the newspaper is weighed, it shall be shaped into a ball the same size as the milk carton.
- c) A layer of milk cartons shall be placed in the bottom of the container followed by an equivalent number of newspaper spheres.
- d) This process is to be repeated until the layers reach the top of the container.
- e) The material in the container shall be ignited by a match.

8.8 The maximum temperature attained on the plywood during the tests on the container assembly shall not exceed the test ambient temperature by more than 79°C (175°F) for metallic containers with covers and 175°C (347°F) for metallic containers without lids and non-metallic containers.

9 External Fire Test (Non-Metallic Only)

9.3 Two of the four containers are to be surrounded by 1 pound (0.45 kg) of shredded, fluffed newspaper, distributed on the floor and against the exposed sides from one-third to one-half the height of each container. The other two containers are to be surrounded by 2 pounds (0.91 kg) of shredded, fluffed newspaper distributed in the same manner. **The width of the strips of newspaper shall be 0.20 ±0.10 inch (5.1 ±2.5 mm). The shredded paper, when distributed around the container, is to have a bulk density of 5.1 oz/ft³ (5.16 kg/m³).**

Scopes of IEC/TC 77 SC77A SC77B SC77C CISPR CIS/A CIS/B CIS/F CIS/H and CIS/I

NEMA is relinquishing its role as the USNC TAG Administrator for the USNC TAG to IEC/TC 77 SC77A SC77B SC77C CISPR CIS/A CIS/B CIS/F CIS/H and CIS/I by **September 1, 2022**. The USNC is looking for a new organization(s) to take on this USNC TAG Administratorship(s).

Please note that according to the rules and procedures of the USNC, a USNC TAG cannot exist without a USNC TAG Administrator. If we cannot find a new USNC TAG Administrator, the USNC will have to withdraw from international participation and register with the IEC as a Non-Member of this Committee.

If an organization is interested in the position of USNC TAG Administrator for the USNC TAG to IEC/TC 77; SC77A; SC77B; SC77C; CISPR CIS/A; CIS/B; CIS/F; CIS/H and CIS/I, they are invited to contact Betty Barro at bbarro@ansi.org by April 29th, 2022.

Please see the scopes for **the IEC/ TC 77; SC77A; SC77B; SC77C; CISPR CIS/A; CIS/B; CIS/F; CIS/H and CIS/I** below:

Scope: TC 77 - Electromagnetic compatibility

Standardization

- to prepare standards and technical reports
 - in the field of electromagnetic compatibility (EMC), with particular emphasis on general application and use by product committees. (Horizontal function).

The scope covers the following aspects of EMC:

- Immunity and related items, over the whole frequency range: basic and generic standards,
- emission in the low frequency range ($f \leq 9$ kHz, e.g. harmonics and voltage fluctuations): basic, generic and product (family) standards,
- emission in the high frequency range ($f > 9$ kHz): disturbances not covered by CISPR 10 (1992), in co-ordination with CISPR (e.g. mains signalling).

Product immunity standards are not included. However, at the request of product committees, TC 77 may also prepare such standards under the co-ordination of ACEC.

Horizontal Safety Function: Electromagnetic compatibility in so far as safety aspects are involved.

Scope: SC 77A - EMC – Low frequency phenomena

Standardization in the field of electromagnetic compatibility with regard to low frequency phenomena (ca ≤ 9 kHz, see note).

Note: This limit frequency can be adapted to a higher frequency according to the phenomena or equipment

Scope: SC 77B - High frequency phenomena

Standardization in the field of electromagnetic compatibility with regard to high frequency continuous and transient phenomena (ca > 9 kHz, see Note).

Note: This limit frequency can be adapted toward a lower or higher frequency according to the phenomena or equipment.

Scope: SC 77C - High power transient phenomena

“Standardization in the field of electromagnetic compatibility to protect equipment, systems and installations from intense but infrequent high power transient phenomena including: the electromagnetic fields produced by nuclear detonations at high altitude (High Altitude Electromagnetic Pulse (HEMP)); sources of Intentional Electromagnetic Interference (EMI); and Geomagnetically Induced Currents (GIC) from solar activity.

Lightning and other transient phenomena are excluded from the scope of SC 77C.”

Scope: CISPR - International Special Committee on Radio Interference

Standardization in the field of electromagnetic compatibility (EMC) including:

- 1) Protection of radio reception in the range 9 kHz to 400 GHz from interference caused by operation of electrical or electronic appliances and systems in the electromagnetic environment.*
- 2) Measurement instrumentation, facilities, methods and statistical analysis for the measurement of disturbance.*
- 3) Limits for radio disturbances caused by electrical or electronic appliances and systems.*
- 4) Requirements for the immunity of electrical appliances, multimedia equipment, information technology equipment and sound and television broadcast receiving installations from interference.*
- 5) Liaison with IEC Technical Committees that maintain basic standards that apply the prescriptions of methods of measurement of such immunity. Test levels for such immunity tests will be set by CISPR in relevant product standards.*
- 6) The consideration jointly with other IEC and ISO committees of the emission and immunity requirements for devices and products where their standards cover EMC requirements which do not match to the respective requirements in CISPR standards.*
- 7) Taking into account the impact of safety issues on disturbance suppression and immunity of electrical equipment. For further information about CISPR standards see the CISPR Guide.*

I-MEMBERS

CISPR’s member constituency includes more than national committees. I-members are shown here as CISPR is a special committee, unique in this aspect. I-members are shown on CISPR dashboard under the liaisons tab.

Currently the following organisations are I-members of CISPR:

- CIGRE (International Council on Large Electric Systems)
- EBU (European Broadcasting Union)
- ECMA International
- ETSI (European Telecommunications Standards Institute)
- IARU (International Amateur Radio Union)
- ITU-R (International Telecommunication Union - Radio-communication Sector)
- ITU-T (International Telecommunication Union - Telecommunication Standardization Sector)

CISPR rules are covered in Annex SM of the ISO/IEC Directives Part 1.

Scope: CIS/A - Radio-Interference Measurements and Statistical Methods

Standardization of:

- a) measuring instruments, ancillary apparatus and test sites;
- b) measuring methods common to several applications;

NOTE The method of connection, arrangement and use of equipment for the measurement of a particular source of disturbance is primarily the responsibility of the subcommittee dealing with that source, but liaison is maintained with Subcommittee A to achieve the maximum coordination.

- c) treatment of uncertainties in CISPR compliance tests
- d) sampling methods used in statistical interpretation of disturbance measurement results and used in correlating the measurement of disturbance with its effect on signal reception; for publication in CISPR basic EMC standards and related technical reports. Evaluation of proposals for methods of measurement developed by other CISPR subcommittees, and consideration of those proposals for publication in CISPR basic or product standards.

Scope: CIS/B - Interference relating to industrial scientific, and medical radio-frequency apparatus, to other (heavy) industrial equipment, to overhead power lines, to high voltage equipment and to electrical traction

Standardization in the field of limits and particular methods of measurement for control of radio frequency disturbances from industrial, scientific and medical electrical equipment also including particular industrial, scientific and medical ISM RF equipment as defined in the ITU Radio Regulations. The scope of activities in CISPR SC B comprises, but is not limited to the following typical types of products:

General purpose applications

- Laboratory equipment
- Medical electrical equipment
- Scientific equipment
- Semiconductor-converters
- Industrial electroheating equipment with operating frequencies less than or equal to 9 kHz
- Machine tools
- Industrial process measurement and control equipment
- Semiconductor manufacturing equipment

ISM RF applications

- Microwave-powered UV irradiating apparatus

- *Microwave lighting apparatus*
- *Industrial induction heating equipment operating at frequencies above 9 kHz*
- *Induction cookers*
- *Dielectric heating equipment*
- *Industrial microwave heating equipment*
- *Microwave ovens*
- *Medical electrical equipment*
- *Electric welding equipment*
- *Electro-discharge machining (EDM) equipment*
- *Demonstration models for education and training*

Standardization in the field of limits and measuring methods for evaluation of radio frequency disturbances from high-voltage overhead power lines inclusive electric traction of railways and urban transport, and from high voltage alternate current (AC) substations and direct current (DC) converter stations.

Scope: CIS/F - Interference relating to household appliance tools, lighting equipment and similar apparatus

Standardization in the field of limits and particular methods of measurement for control of radio frequency disturbances from (and immunity of) electric motor operated and thermal appliances for household and similar purposes, electrical tools, lighting equipment, low power semiconductor control devices and similar apparatus.*

The scope of activities in CISPR SC F comprises, but is not limited to the following typical types of products:

- *Kitchen Appliances*
- *cooking appliances*
- *dishwashers*
- *refrigerators*
- *coffee makers*
- *Other Domestic Appliances*
- *washing machines and dryers*
- *cloths irons*
- *vacuum cleaners*
- *air conditioning systems*
- *Electric and Electronic Toys*
- *motorised toys*
- *electrically powered educational toys*
- *electronic games and gaming consoles*
- *Electrically operated power tools*
- *drills, impact drills*
- *screwdrivers*
- *thread cutting machines*
- *Lighting and similar equipment*
- *luminaires using e.g. fluorescent lamps or LEDs*
- *street lighting*

- *neon signs*
- *independent ballasts, transformer & convertor etc.*

Standardization for equipment covered by the scope of other subcommittees of CISPR is excluded from the scope of CISPR SC F for example lasers and microwave cooking appliances.

** The responsible standardization committee is IEC TC 34 for lighting equipment.*

Scope: CIS/H - Limits for the protection of radio services

Standardization in the field of identification of generic-type limits and methods of measurement for the assessment and control of radio frequency disturbances from any kind of electrical or electronic appliance intended for operation and use in a given electromagnetic environment, and incorporation of these requirements in the respective CISPR Generic Emission Standards.

Standardization in the field of CISPR coupling and disturbance models for determination of emission limits for the protection of radio services taking into account the needs of Product Committees.

Maintenance for the database for the characteristics of radio services.

Evaluation of proposals for limits for control of radio frequency disturbances developed by subcommittees of CISPR and review for their inclusion in CISPR Product Standards.

Scope: CIS/I - Electromagnetic compatibility of information technology equipment, multi-media equipment and receivers

Standardization in the field of EMC to establish limits and particular methods of measurement for the control of radio frequency disturbances from immunity of Multimedia Equipment including Information Technology Equipment, Radio and TV Broadcast Receivers and Associated Equipment.

The radio transmission aspects of MME transceivers and transmitters are excluded from the work of CISPR/I and are activities handled by other international standards organizations such as ITU-R.