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Project Initiation Notification System (PINS)

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

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 215-202x, Standard for Determining Analytical and Stochastic Thresholds for Application to Forensic DNA Casework Using Electrophoresis Platforms (new standard)
Stakeholders: Forensic DNA professionals; criminal justice community

Project Need: The use of analytical and stochastic thresholds is required when binary decisions assessing the presence of alleles and the potential of allele drop-out are being made for DNA data in electropherograms. Validation studies are necessary for the establishment of the analytical and stochastic thresholds used in forensic DNA testing laboratories. This standard sets requirements for the establishment of these thresholds based on empirical and statistical assessment of validation studies for the consistent, reliable, and reproducible designations of DNA data.

Interest Categories: Academics and Researchers, General Interest, Jurisprudence and Criminal Justice, Producer, User - Government, User - Non-Government

This standard sets the requirements for establishing thresholds based on statistical analysis of relevant empirical data gathered through validation studies. This standard applies to short tandem repeat (STR) DNA typing on electrophoresis platforms in forensic laboratories making determinations regarding the nature of peaks (signal versus noise) and whether drop-out of a heterozygous sister allele to an observed peak may or may not have occurred. This does not apply to probabilistic genotyping systems that calculate a probability-based analytical threshold as a part of its analysis process.

AISC (American Institute of Steel Construction)

Nathaniel Gonner <gonner@aisc.org> | 130 E. Randolph Street, Suite 2000 | Chicago, IL 60601-6204 www.aisc.org

Revision

BSR/AISC 303-202x, Code of Standard Practice for Steel Buildings and Bridges (revision of ANSI/AISC 303-2022)
Stakeholders: Building owners, including municipalities, state, and federal governments; structural steel fabricators; contractors; architects; structural engineers of record

Project Need: This standard provides requirements for the practices associated with steel buildings and other structures and is referenced by other AISC standards, as well as building codes.

Interest Categories: Industry, consultant, general interest

This Code sets forth criteria for the trade practices involved in the design, purchase, fabrication, and erection of structural steel buildings, bridges, and other structures, where other structures are defined as those structures designed, fabricated, and erected in a manner similar to buildings with building-like vertical and lateral load resisting elements.

AISC (American Institute of Steel Construction)

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Revision

BSR/AISC 358-202x, Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications (revision of ANSI/AISC 358-2022)
Stakeholders: Structural engineers, steel fabrication industry, researchers, and academics

Project Need: Revise and update the current standard.

Interest Categories: Industry, general interest, consultant

This standard specifies design, detailing, fabrication, and quality criteria for structural steel moment connections that are prequalified in accordance with the AISC Seismic Provisions for Structural Steel Buildings (AISC 341) for use with special moment frames (SMF) and intermediate moment frames (IMF).

ASCE (American Society of Civil Engineers)

Tanner Johnston <tjohnston@asce.org> | 1801 Alexander Bell Drive | Reston, VA 20190 www.asce.org

Reaffirmation

BSR/ASCE/EWRI 65-2016 (R202x), Calculation of the Saturated Hydraulic Conductivity of Fine-Grained Soils (reaffirmation of ANSI/ASCE/EWRI 65-2016)
Stakeholders: Groundwater hydrologists, geotechnical engineers

Project Need: Practitioners in groundwater hydrology and geotechnical engineering require methods for estimating the saturated hydraulic conductivity of fine-grained soils, which can be used to (i) calculate land subsidence, (ii) model groundwater flow, and (iii) model transport of dissolved solutes.

Interest Categories: Producer, Consumer, General Interest, Regulatory

This is a standard guideline for calculating the saturated hydraulic conductivity (K_sat), permeability (k), and porosity (n) of fine-grained, isotropic, and homogeneous soils using (i) strain-stress data from the incremental loading of a soil sample in a standardized consolidometer (step-load test), (ii) 1D vertical consolidation theory relating K_sat to the coefficient of consolidation (c_v), (iii) the relation between K_sat and k, and (iv) the relation between porosity and the void ratio of a soil undergoing primary consolidation.

ASCE (American Society of Civil Engineers)

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New Standard

BSR/ASCE/EWRI 70-19 (R202x), Estimation of Aquifer Properties by Inverse Numerical Modeling of Aquifer Pumping Tests (new standard)
Stakeholders: Groundwater hydrogeologists, geotechnical engineers, engineering geologists, soil physicists, and environmental regulators

Project Need: This standard applies to estimating aquifer hydraulic properties in complex hydrogeological settings and/or aquifers with boundary conditions that do not conform to standard assumptions made for analytically based inverse modeling. In many aquifer pumping test (APT) applications, hydrogeological conditions conform sufficiently to standard assumptions invoked to obtain analytical solutions to the equations governing aquifer response to a pumping well.

Interest Categories: Consumer, Producer, General Interest, Regulatory

This standard is for estimating the hydraulic properties of a groundwater system by inverse numerical modeling of aquifer pumping tests. Guidance is provided on using a numerical groundwater flow model to simulate an aquifer pumping test (APT) and estimate aquifer hydraulic properties by matching the simulated aquifer response in space and time to observations of hydraulic head. The methodology is based on minimizing the residual error between observed and simulated heads by adjusting (calibrating) values of the pertinent aquifer hydraulic properties (e.g., transmissivity, storativity, and leakance) such that there is a good match between the observed and simulated values.

ATCC (American Type Culture Collection)

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

Reaffirmation

BSR/ATCC ASN-0003-2015 (R202x), Species-level Identification of Animal Cells through Mitochondial Cytochrome c Oxidase Sububit 1 (CO1) DNA Barcodes (reaffirmation of ANSI/ATCC ASN-0003-2015)
Stakeholders: Biotechnology

Project Need: This standard is up for reaffirmation and needs to be reviewed for any potential required updates.

Interest Categories: Industry, Government/Regulatory, Academia

This document is intended for the identification of the species of origin of a tissue/organism sample and not for the identification of the organ from which these cells derived. Neither traditional methods of cell line authentication nor DNA barcoding can identify from which tissue in an organism a sample of cells originate.

ATCC (American Type Culture Collection)

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Reaffirmation

BSR/ATCC ASN-0001.1-2015 (R202x), Standardization of in vitro Assays to Determine Anthrax Toxin Activities (reaffirmation of ANSI/ATCC ASN-0001.1-2015)
Stakeholders: Biotechnology, Pharmaceutical

Project Need: This standard is being reaffirmed and needs to be reviewed to see what updates are required.

Interest Categories: Industry, Government/Regulatory, Academia

This standard addresses the following issues for each of the anthrax toxin components individually and in combination. Specifically, the individual toxin components are: protective antigen (PA), lethal factor (LF), and edema factor (EF). The bipartite toxins are: lethal toxin [LT: PA + LF] and edema toxin [ET: PA + EF].

AWS (American Welding Society)

Exsenet Esler <eesler@aws.org> | 8669 NW 36th Street, Suite 130 | Miami, 33166-6672 www.aws.org

Revision

BSR/AWS D17.1/D17.1M-202x, Specification for Fusion Welding for Aerospace Applications (revision of ANSI/AWS D17.1/D17.1M-2024)
Stakeholders: The Aerospace industry and all subcontractors will use this specification for welder certification, inspection, and acceptance of all welded aerospace production hardware.

Project Need: This revision will reaffirm the original specification and address specific issues that have developed since the original document was issued.

Interest Categories: Producers, Users, General Interest, and Educators

This specification provides the general welding requirements for welding aircraft and space hardware. It includes but is not limited to the fusion welding of aluminum-based, nickel-based, iron-based, cobalt-based, magnesium-based, and titanium-based alloys using electric-arc and high-energy beam processes. There are requirements for welding design, personnel and procedure qualification, inspection, and acceptance criteria for aerospace, support, and nonflight hardware. Additional requirements cover repair welding of existing hardware. A commentary for the specification is included.

CSA (CSA America Standards Inc.)

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

New Standard

BSR/CSA C555-202x, Definitions and Minimum Requirements for Behaviour Demand Response Programs (new standard)
Stakeholders: Program designers - Program implementers - utility companies - electricity distributors - government agencies across Canada.

Project Need: Even though behavioural demand response programs are delivering on the utilities' and distributors' immediate needs, a framework for designing, delivering, and operating these programs is needed to ensure long-term performance and allow for their designers/implementors to have comparable requirements and information. Furthermore, a lot of ad-hoc work is being done, and this has led to a lack of a generally defined and approved upon definition of what energy behaviour is and what behavioural demand response (or more commonly demand response programs) are, and what they look to accomplish.

Interest Categories: Interest categories would include: users (program designers and program implementers such as utility companies) - general interest (such as researchers) - regulatory authorities (such as governments: both federal and provincial).

The standard will start by providing a consensus-based definition of energy behaviour. It will focus on actionable behaviours that can be adopted immediately and include both shifting behaviours to other times of the day, as well as reducing energy use. Furthermore, it will provide guidance to designers to set up explicit demand response management programs by providing the minimum requirement parameters for these programs along with guidance on the Behavioural Science technique applicable per type of behaviour targeted. These parameters could include requirements and guidance on the design, delivery and operation of such programs. Programs following the set requirements will be better positioned to measure results, capture resulting energy savings, and demonstrate credibility.

EOS/ESD (ESD Association, Inc.)

Jennifer Kirk <jkirk@esda.org> | 218 W. Court Street | Rome, NY 13440 https://www.esda.org

Revision

BSR/EOS ESD STM3.1-202X, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items – Ionization (revision of ANSI/ESD STM3.1-2015 (R2024))
Stakeholders: Electronics Industry including telecom, consumer, medical, and industrial

Project Need: This document provides test methods and procedures for evaluating and selecting air ionization equipment and systems (ionizers).

Interest Categories: User, Manufacturer, Supplier, and General Interest

This standard test method establishes measurement techniques, under-specified conditions, to determine offset voltage (ion balance) and discharge time (charge neutralization time) for ionizers. This standard test method does not include measurements of electromagnetic interference (EMI), or uses of ionizers in connection with ordnance, flammables, explosive items, or electrically initiated explosive devices.

FM (FM Approvals)

Josephine Mahnken <josephine.mahnken@fmapprovals.com> | One Technology Way | Norwood, MA 02062 www.fmapprovals.com

Revision

BSR/FM 4881-202x, Evaluating Exterior Wall Systems (revision of ANSI/FM 4881-2017)
Stakeholders: Building code officials, manufacturers, architects, consultants, loss prevention engineers, insurance agencies

Project Need: A standard is needed to determine performance of exterior wall systems to reject natural hazards such rain, wind, hail, water infiltration and other deleterious affects caused from everyday exposure to heat, cold, building movement and sunlight. Exterior wall systems are also exposed to fire and must be able to limit fire propagation over and/or through the assembly.

Interest Categories: General interest, producer, insurance

This test standard sets performance requirements for exterior wall systems by evaluating the ability of these products to limit fire propagation over and/or through the assembly when exposed to an ignition source simulating a building fire. The standard also sets the performance requirements for exterior wall panels when exposed to various natural hazards such as the cyclic nature of high wind events, the impact of simulated hail and where required, the impact of windborne debris during hurricanes, tropical cyclones and typhoons.

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

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

Revision

BSR/IICRC S100-202x, Standard for Professional Cleaning of Textile Floor Coverings (revision of ANSI/IICRC S100-2021)
Stakeholders: Professional cleaners, carpet manufacturers, importers, retailers, distributors, architects, engineers, designers, industry suppliers, specifiers, property managers, installers, homeowners, facility managers, facility service providers, insurance companies, leasing or rental agents, real estate investment trusts (REITs), government institutions, and others involved in the textile flooring industry.

Project Need: This revised Standard will set a standard of care for the carpet cleaning and maintenance industry.

Interest Categories: Producer, User, General Interest

This standard describes the procedures, methods, and systems to be followed when performing professional commercial and residential textile floor coverings (e.g., carpet and rugs) maintenance and cleaning.

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

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Revision

BSR/IICRC S220-202x, Standard for Professional Inspection of Hard Surface Floor Coverings (revision of ANSI/IICRC S220-2020)
Stakeholders: Professional inspectors, flooring manufacturers, product suppliers, building contractors, architects, specifiers, designers, distributors, flooring retailers, end-users, facility managers, institutions, and others involved in the hard-surface floor covering industry.

Project Need: To revise the ANSI/IICRC S220-2021 Standard and ensure that all the content is current and updated.

Interest Categories: Producer, User, General Interest

This standard will describe the non-destructive procedures, methods, and systems for professional inspectors to follow when inspecting light commercial and residential hard surface floor coverings; including stone, laminate, pre-finished wood, ceramic, and resilient.

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

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

New Standard

INCITS 588-201x, Information Technology - Fibre Channel Switch Fabric - 9 (FC-SW-9) (new standard)
Stakeholders: ICT Industry

Project Need: There are additional operational and management functions that need to be defined to allow more flexible and interoperable Fibre Channel Switch Fabric deployment. Examples of these functions include: (1) support for port maintenance; (2) support for higher bandwidths; and (3) any other items deemed necessary during development.

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

This project recommends the development of a set of technical additions and clarifications to INCITS 568, Fibre Channel - Switch Fabric - 8 (FC-SW-8).

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

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New Standard

INCITS 589-201x, Information Technology - Fibre Channel Generic Services - 10 (FC-GS-10) (new standard)
Stakeholders: ICT Industry

Project Need: The FC-GS-10 project will continue extending the Fabric services to address new developments in Fibre Channel. Examples are updated port models to support virtualization, FC-RDMA environments, and new speeds and operational characteristics associated with Fibre Channel. The topology and discovery services will be updated to include new Fibre Channel entities and their connectivity options.

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

This project recommends the development of a set of additional services that will be used to support the management and control of Fibre Channel configurations. Included within this scope are services, such as: (a) management entities and functions associated with virtualization and new features; (b) management entities and functions associated with FC-RDMA environments; (c) enhancements for higher bandwidth link constructs; and (d) other services or features identified during the development of this standard. Where they exist, the protocols, formats and definitions contained in existing directory and management standards will be considered for use in FC-GS-10.

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

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National Adoption

INCITS/ISO 19123-1:2023 [202x], Geographic information - Schema for coverage geometry and functions - Part 1: Fundamentals (identical national adoption of ISO 19123-1:2023 and revision of INCITS/ISO 19123:2005 [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

Defines a conceptual schema for coverages. A coverage is a mapping from a spatial, temporal, or spatiotemporal domain to attribute values sharing the same attribute type. A coverage domain consists of a collection of direct positions in a coordinate space that can be defined in terms of spatial and/or temporal dimensions, as well as non-spatiotemporal (in ISO 19111:2019, "parametric") dimensions. Examples of coverages include point clouds, grids, meshes, triangulated irregular networks, and polygon sets.

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

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National Adoption

INCITS/ISO 19123-3:2023 [202x], Geographic information - Schema for coverage geometry and functions - Part 3: Processing fundamentals (identical national adoption of ISO 19123-3:2023)
Stakeholders: ICT Industry

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

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

Defines a coverage processing language for server-side extraction, filtering, processing, analytics, and fusion of multi-dimensional geospatial coverages representing, for example, spatio-temporal sensor, image, simulation, or statistics datacubes. Services implementing this language provide access to original or derived sets of coverage information, in forms that are useful for client-side consumption.

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

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National Adoption

INCITS/ISO 19144-2:2023 [202x], Geographic information - Classification systems - Part 2: Land Cover Meta Language (LCML) (identical national adoption of ISO 19144-2:2023 and revision of INCITS/ISO 19144-2:2012 [R2023])
Stakeholders: ICT Industry

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

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

Specifies a Land Cover Meta Language (LCML) expressed as a UML metamodel that allows different Land Cover classification systems to be described based on physiognomic aspects. This document recognizes that a number of Land Cover classification systems exist. It provides a common reference structure for the comparison and integration of data for any generic Land Cover classification system, but does not intend to replace those classification systems.

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

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National Adoption

INCITS/ISO 19152-1:2024 [202x], Geographic information - Land Administration Domain Model (LADM) - Part 1: Generic conceptual model (identical national adoption of ISO 19152-1:2024)
Stakeholders: ICT Industry

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

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

Defines a reference Land Administration Domain Model (LADM) covering basic information-related components of land administration/georegulation; provides an abstract, conceptual model with packages related to: parties (people and organizations), basic administrative units, rights, responsibilities and restrictions (RRRs), spatial units, a generic conceptual model (sources and versioned object); ...

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National Adoption

INCITS/ISO 19152-3:2024 [202x], Geographic information - Land Administration Domain Model (LADM) - Part 3: Marine georegulation (identical national adoption of ISO 19152-3:2024)
Stakeholders: ICT Industry

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

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

Specifies the concepts and structure for standardization for georegulation in the marine space. This document addresses the information structures related to management of legal spaces (such as the international maritime limits and boundaries, marine living and non-living resources management areas, marine conservation areas, etc.) and their related rights and obligations. This document establishes the common elements and basic schema to structure marine georegulation information system. It builds upon the common components defined in ISO 19152-1.

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National Adoption

INCITS/ISO 19156:2023 [202x], Geographic information - Observations, measurements and samples (identical national adoption of ISO 19156:2023 and revision of INCITS/ISO 19156:2011 [R2022])
Stakeholders: ICT Industry

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

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

Defines a conceptual schema for observations, for features involved in the observation process, and for features involved in sampling when making observations. These provide models for the exchange of information describing observation acts and their results, both within and between different scientific and technical communities.

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

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National Adoption

INCITS/ISO 22739:2024 [202x], Blockchain and distributed ledger technologies - Vocabulary (identical national adoption of ISO 22739:2024)
Stakeholders: ICT Industry

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

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

Defines fundamental terminology for blockchain and distributed ledger technologies.

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National Adoption

INCITS/ISO/IEC 4922-2:2024 [202x], Information security - Secure multiparty computation - Part 2: Mechanisms based on secret sharing (identical national adoption of ISO/IEC 4922-2:2024)
Stakeholders: ICT Industry

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

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

Specifies the processes for secure multiparty computation mechanisms based on the secret sharing techniques which are specified in ISO/IEC 19592-2. Secure multiparty computation based on secret sharing can be used for confidential data processing. Examples of possible applications include collaborative data analytics or machine learning where data are kept secret, secure auctions where each bidding price is hidden, and performing cryptographic operations where the secrecy of the private keys is maintained.

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

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National Adoption

INCITS/ISO/IEC 5259-1:2024 [202x], Artificial intelligence - Data quality for analytics and machine learning (ML) - Part 1: Overview, terminology, and examples (identical national adoption of ISO/IEC 5259-1:2024)
Stakeholders: ICT Industry

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

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

Provides the means for understanding and associating the individual documents of the ISO/IEC 5259 series and is the foundation for conceptual understanding of data quality for analytics and machine learning. It also discusses associated technologies and examples (e.g., use cases and usage scenarios).

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

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National Adoption

INCITS/ISO/IEC 5259-3:2024 [202x], Artificial intelligence - Data quality for analytics and machine learning (ML) - Part 3: Data quality management requirements and guidelines (identical national adoption of ISO/IEC 5259-3:2024)
Stakeholders: ICT Industry

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

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

Specifies requirements and provides guidance for establishing, implementing, maintaining and continually improving the quality of data used in the areas of analytics and machine learning.

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

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National Adoption

INCITS/ISO/IEC 5259-4:2024 [202x], Artificial intelligence - Data quality for analytics and machine learning (ML) - Part 4: Data quality process framework (identical national adoption of ISO/IEC 5259-4:2024)
Stakeholders: ICT Industry

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

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

Establishes general common organizational approaches, regardless of the type, size, or nature of the applying organization, to ensure data quality for training and evaluation in analytics and machine learning (ML). It includes guidance on the data quality process for: supervised ML with regard to the labeling of data used for training ML systems, including common organizational approaches for training data labeling; unsupervised ML; semi-supervised ML; reinforcement learning; analytics.

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National Adoption

INCITS/ISO/IEC 14888-4:2024 [202x], Information security - Digital signatures with appendix - Part 4: Stateful hash-based mechanisms (identical national adoption of ISO/IEC 14888-4:2024)
Stakeholders: ICT Industry

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

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

Specifies stateful digital signature mechanisms with appendix, where the level of security is determined by the security properties of the underlying hash function. This document also provides requirements for implementing basic state management, which is needed for the secure deployment of the stateful schemes described in this document.

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National Adoption

INCITS/ISO/IEC 18041-5:2023 [202x], Computer graphics, image processing and environmental data representation - Environmental Data Coding Specification (EDCS) language bindings - Part 5: C++ (identical national adoption of ISO/IEC 18041-5:2023)
Stakeholders: ICT Industry

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

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

Specifies the binding of the application program interface (API) defined in ISO/IEC 18025 to the C++ programming language.

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National Adoption

INCITS/ISO/IEC 23837-2:2023 [202x], Information security - Security requirements, test and evaluation methods for quantum key distribution - Part 2: Evaluation and testing methods (identical national adoption of ISO/IEC 23837 -2:2023)
Stakeholders: ICT Industry

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

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

Specifies test and evaluation methods for the security evaluation of quantum key distribution (QKD). It also describes evaluation activities that constitute the test and evaluation methods for the security functional requirements on the implementation of QKD protocols, the quantum optical components and conventional network components in QKD modules. Moreover, supplementary evaluation activities for security assurance requirements are provided to support the security evaluation of QKD with appropriate assurance levels.

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

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

National Adoption

INCITS/ISO/IEC 27006-1:2024 [202x], Information security, cybersecurity and privacy protection - Requirements for bodies providing audit and certification of information security management systems - Part 1: General (identical national adoption of ISO/IEC 27006-1:2024 and revision of INCITS/ISO/IEC 27006:2015 [R2022])
Stakeholders: ICT Industry

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

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

Specifies requirements and provides guidance for bodies providing audit and certification of an information security management system (ISMS), in addition to the requirements contained within ISO/IEC 17021-1. The requirements contained in this document are demonstrated in terms of competence and reliability by bodies providing ISMS certification. The guidance contained in this document provides additional interpretation of these requirements for bodies providing ISMS certification.

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

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

National Adoption

INCITS/ISO/IEC 27033-7:2023 [202x], Information technology - Network security - Part 7: Guidelines for network virtualization security (identical national adoption of ISO/IEC 27033-7:2023)
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

This document aims to identify security risks of network virtualization and proposes guidelines for the implementation of network virtualization security. Overall, this document intends to considerably aid the comprehensive definition and implementation of security for any organization's virtualization environments. It is aimed at users and implementers who are responsible for the implementation and maintenance of the technical controls required to provide secure virtualization environments.

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

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

National Adoption

INCITS/ISO/IEC 5927:2024 [202x], Computer graphics, image processing and environmental data representation - Augmented and virtual reality safety - Guidance on safe immersion, set up and usage (identical national adoption of ISO/IEC 5927:2024)
Stakeholders: ICT Industry

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

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

Specifies how augmented reality (AR) and virtual reality (VR) devices are to be set up and used in the enterprise workplace in a manner that ensures health and safety (H&S) is maintained, H&S consequences are understood, and additional risks are not introduced. Within this concept of safe usage, there is particular focus on guidance around safe immersion (time) and safety in the workplace.

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

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

National Adoption

INCITS/ISO/IEC 17825:2024 [202x], Information technology - Security techniques - Testing methods for the mitigation of non-invasive attack classes against cryptographic modules (identical national adoption of ISO/IEC 17825:2024 and revision of INCITS/ISO/IEC 17825:2016 [R2023])
Stakeholders: ICT Industry

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

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

Specifies the non-invasive attack mitigation test metrics for determining conformance to the requirements specified in ISO/IEC 19790:2012 for security levels 3 and 4. The test metrics are associated with the security functions addressed in ISO/IEC 19790:2012. Testing is conducted at the defined boundary of the cryptographic module and the inputs/outputs available at its defined boundary.

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

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

National Adoption

INCITS/ISO/IEC 20924:2024 [202x], Internet of Things (IoT) and digital twin - Vocabulary (identical national adoption of ISO/IEC 20924:2024 and revision of INCITS/ISO/IEC 20924:2021 [2021])
Stakeholders: ICT Industry

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

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

Provides a definition of Internet of Things and digital twin along with a set of terms and definitions.

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

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

National Adoption

INCITS/ISO/IEC 27040:2024 [202x], Information technology - Security techniques - Storage security (identical national adoption of ISO/IEC 27040:2024 and revision of INCITS/ISO/IEC 27040:2015 [R2022])
Stakeholders: ICT Industry

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

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

Provides detailed technical requirements and guidance on how organizations can achieve an appropriate level of risk mitigation by employing a well-proven and consistent approach to the planning, design, documentation, and implementation of data storage security. Storage security applies to the protection of data both while stored in information and communications technology (ICT) systems and while in transit across the communication links associated with storage. Storage security includes the security of devices and media, management activities related to the devices and media, applications and services, and controlling or monitoring user activities during the lifetime of devices and media, and after end of use or end of life.

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

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

National Adoption

INCITS/ISO/IEC 27402:2023 [202x], Cybersecurity - IoT security and privacy - Device baseline requirements (identical national adoption of ISO/IEC 27402:2023)
Stakeholders: ICT Industry

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

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

Provides baseline ICT requirements for IoT devices to support security and privacy controls.

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

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

National Adoption

INCITS/ISO/IEC 27403:2024 [202x], Cybersecurity - IoT security and privacy - Guidelines for IoT-domotics (identical national adoption of ISO/IEC 27403:2024)
Stakeholders: ICT Industry

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

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

Provides guidelines to analyse security and privacy risks and identifies controls that can be implemented in Internet of Things (IoT)-domotics systems.

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

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

National Adoption

INCITS/ISO/IEC 27554:2024 [202x], Information security, cybersecurity and privacy protection - Application of ISO 31000 for assessment of identity-related risk (identical national adoption of ISO/IEC 27554:2024)
Stakeholders: ICT Industry

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

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

Provides guidelines for identity-related risk, as an extension of ISO 31000:2018. More specifically, it uses the process outlined in ISO 31000 to guide users in establishing context and assessing risk, including providing risk scenarios for processes and implementations that are exposed to identity-related risk. This document is applicable to the risk assessment of processes and services that rely on or are related to identity. This document does not include aspects of risk related to general issues of delivery, technology or security.

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

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

National Adoption

INCITS/ISO/IEC 27561:2024 [202x], Information security, cybersecurity and privacy protection - Privacy operationalisation model and method for engineering (POMME) (identical national adoption of ISO/IEC 27561:2024)
Stakeholders: ICT Industry

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

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

Describes a model and method to operationalize the privacy principles specified in ISO/IEC 29100 into sets of controls and functional capabilities. The method is described as a process that builds upon ISO/IEC/IEEE 24774. This document is designed for use in conjunction with relevant privacy and security standards and guidance which impact privacy operationalization. It supports networked, interdependent applications and systems. This document is intended for engineers and other practitioners developing systems controlling or processing personally identifiable information.

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

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

National Adoption

INCITS/ISO/IEC 27001:2022/AM1:2024 [202x], Information security, cybersecurity and privacy protection - Information security management systems - Requirements - Amendment 1: Climate action changes (identical national adoption of ISO/IEC 27001:2022/AM1:2024)
Stakeholders: ICT Industry

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

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

Amendment 1 to ISO/IEC 27001:2022.

USEMCSC (United States EMC Standards Corp.)

Jennifer Santulli <j.santulli@ieee.org> | 445 Hoes Lane | Piscataway, NJ 08854

Reaffirmation

BSR/USEMCSC C63.4 (R202x), Standard for Methods of Measurement of Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz (reaffirmation of ANSI/IEEE C63.4a-2017)
Stakeholders: EMC test laboratories, EMC test equipment manufacturers, Accreditation Bodies, EMC calibration laboratories, and authorities associated with ensuring products meet their regulatory emission limits. Also included are manufacturers of equipment subject to the use of this standard.

Project Need: ANSC has been developing C63.4 since 2017 and it is nearly complete. However, the current version of C63.4 is still used by regulators and therefore the current edition needs to be reaffirmed as it is close to the 10-year period.

Interest Categories: Government, General Interest, Manufacturer, Professional Services, Trade Association, Test Lab

This standard specifies consensus standard methods, instrumentation, and facilities for measurement of radio-frequency (RF) signals and noise emitted from electrical and electronic devices in the frequency range of 9 kHz to 40 GHz, as usable, for example, for compliance testing to U.S. (47CFR15) and Canada (ICES-003) regulatory requirements.

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: September 8, 2024

NSF (NSF International)

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

Revision

BSR/NSF 49-202x (i197r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2022)
This standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to Biosafety Levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this standard.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: arose@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 49-202x (i198r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2022)
This standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to Biosafety Levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this standard.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: arose@nsf.org

Comment Deadline: September 8, 2024

SAIA (ASC A11) (Scaffold & Access Industry Association)

400 Admiral Boulevard, Kansas City, MO 64106 | deanna@saiaonline.org, www.saiaonline.org

New Standard

BSR/SAIA A11.6-202x, Standard for Testing and Rating Scaffold Planks and Decks (new standard)
This standard provides methods for testing and rating the performance of planks and decks used in scaffolding, shoring, and forming applications.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: deanna@saiaonline.org

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 147A-202X, Standard for Safety for Nonrefillable (Disposable) Type Fuel Gas Cylinder Assemblies (revision of ANSI/UL 147A-2024)
(1) Topic – From the last proposal for UL 147A, the proposal missed deleting MPS-gas from table 18.1. This proposal is to correct this.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.com/Home/ProposalsDefault.aspx Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable.

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 162-202x, Standard for Safety for Foam Equipment and Liquid Concentrates (revision of ANSI/UL 162-2022)
(1) Withdrawal of Proposal: Floor Level Nozzles - Trench/Grate Nozzles; (4) Rectify Safety Factor Inconsistencies.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

1603 Orrington Ave, Evanston, Il 60201 | cynthia.byrne@ul.org, https://ulse.org/

Revision

BSR/UL 1472-202x, Standard for Solid-State Dimming Controls (revision of ANSI/UL 1472-2022)
Ballot of the following topics: (1) Addition of Requirements for Push-In Terminal for Grounding in New Paragraph 4.6.1A; (2) Clarification of Requirements for Dimmer Grounding Terminal in Paragraph 4.6.3.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: September 8, 2024

ULSE (UL Standards & Engagement)

1603 Orrington Ave, Suite 2000, Evanston, IL 60201 | Lisette.delgado@ul.org, https://ulse.org/

Revision

BSR/UL 1686-202x, Standard for Safety for Pin and Sleeve Configurations (revision of ANSI/UL 1686-2023)
Revisions to UL 1686 Edition 5.
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

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 60745-1-202x, Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 1: General Requirements (revision of ANSI/UL 60745-1-2022)
Proposed update of reference test oil for adhesive label test for durability.
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: September 23, 2024

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME B30.5-202x, Mobile and Locomotive Cranes (revision of ANSI/ASME B30.5-2021)
B30.5 applies to crawler cranes, locomotive cranes, wheel-mounted cranes, and any variations thereof that retain the same fundamental characteristics. The scope includes only cranes of the above types that are basically powered by internal combustion engines or electric motors.
Single copy price: Free
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Kathleen Peterson

ATCC (American Type Culture Collection)

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

New Standard

BSR/ATCC ASN 0004-202x, Species-Level Identification and Cross-Contamination Screening in Animal Cells by Multiplex PCR (new standard)
Standardized mitochondrial DNA multiplex PCR assays help researchers working with cell lines commonly used in industrial and academic settings to both confirm their cell lines' identities and check for cell line cross-contamination involving these same species.
Single copy price: Free
Obtain an electronic copy from: standards@atcc.org
Send comments (copy psa@ansi.org) to: Amber Day; standards@atcc.org

Comment Deadline: September 23, 2024

AWS (American Welding Society)

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

Revision

BSR/AWS D1.1/D1.1M-202x, Structural Welding Code - Steel (revision of ANSI/AWS D1.1/D1.1M-2020)
This code covers the welding requirements for any type of welded structure made from the commonly used carbon and low-alloy constructional steels. Clauses 1 through 11 constitute a body of rules for the regulation of welding in steel construction. There are eight normative and eleven informative annexes in this code. A Commentary of the code is included with the document.
Single copy price: $265.50 (Non-Member); $354.00 (Member)
Obtain an electronic copy from: jrosario@aws.org
Send comments (copy psa@ansi.org) to: Same

CSA (CSA America Standards Inc.)

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

Revision

BSR Z83.11-202x, Gas food service equipment (same as CSA 1.8-202x) (revision of ANSI Z83.11-2016/CSA 1.8 -2016 (R2021))
This Standard applies to newly produced gas food service equipment providing coverage for ranges and unit broilers, baking and roasting ovens, counter appliances, deep fat fryers, kettles, steam cookers, steam generators, tableside cooking appliances (see Clause 3, Definitions), hereinafter referred to either (1) appliances constructed entirely of new, unused parts and materials for use in food service centers of commercial, industrial, institutional, and public assembly buildings, or (2) outdoor appliances constructed entirely of new, unused parts and materials for outdoor use and/or for installation in either carts or trailers: (a) for use with natural gas; (b) for use with manufactured gas; (c) for use with mixed gas; (d) for use with propane gas; (e) for use with liquefied petroleum gases (see Clause 5.2-e); (f) for a tableside cooking appliance only, for use with butane gas; (g) for use with LP gas-air mixtures; and (h) for use with either natural, manufactured, or mixed gas and convertible for use with either propane gas or liquefied petroleum gases.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

Comment Deadline: September 23, 2024

NECA (National Electrical Contractors Association)

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

New Standard

BSR/NECA 500-202X, Standard for Installing and Maintaining Indoor Commercial Lighting Systems (new standard)
1.1 Products and Applications Included. This Standard describes installation and maintenance procedures for permanently installed incandescent, halogen, fluorescent, LED, and high-intensity discharge (HID) lighting systems operating at 1000 Volts or less installed indoors and commonly used in commercial and retail buildings, including, but not necessarily limited to, the following: Recessed lighting systems, such as troffers, downlights, wallwashers, valance lights, and accent lights; Surface-mounted lighting systems, such as surface troffers, wraparounds, surface downlights, monopoints, and decorative fixtures; Suspended lighting systems, such as pendant luminaires, direct, indirect, and uplight systems, and decorative luminaires; Wall-mounted lighting systems, such as sconces or wallpacks; Track lighting systems; and Power over Ethernet (PoE) lighting systems. In addition to luminaires, this Standard includes construction materials related to luminaires, including, but not necessarily limited to, lamps, conductors, wiring methods, various special screws and clips, and structural suspension components.

Single copy price: $30.00 (Members); $60.00 (Non-Members)
Obtain an electronic copy from: neis@necanet.org
Send comments (copy psa@ansi.org) to: Same

NECA (National Electrical Contractors Association)

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

Revision

BSR/NECA 412-202X, Standard for Installing and Maintaining Photovoltaic (PV) Power Systems (revision of ANSI/NECA 412-2012)
This Standard describes the procedures for installing and maintaining photovoltaic (PV) power systems and components. 1.1 Products and Applications Included. This Standard cover the installation and maintenance of low-voltage PV power systems, rated 1000 VAC and less and 1500 VDC and less, for grid-connected and stand-alone operation for residential, commercial, and industrial applications. NOTE: PV system DC circuits are not permitted to exceed 600 V on or in one- and two-family dwellings in accordance with the NEC. 1.2 Products and Applications Excluded. This Standard does not apply to solar heating systems or PV power systems rated more than 1000 V. This Standard does not cover the design of PV power systems.
Single copy price: $30.00 (Members); $60.00 (Non-Members)
Obtain an electronic copy from: neis@necanet.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: September 23, 2024

NEMA (ASC C29) (National Electrical Manufacturers Association)

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

Reaffirmation

BSR C29.19-2020 (R202x), Composite Insulators Station Post Type (reaffirmation of ANSI C29.19-2020)
This standard covers distribution and transmission class composite station post insulators that are made of a fiberglass-reinforced resin rod core, polymer material weathersheds, and metal end fittings. The insulators are intended for use in outdoor substation applications. Mechanical and electrical performance levels specified herein are requirements for new insulators.
Single copy price: TBD
Obtain an electronic copy from: Paul.Crampton@nema.org
Send comments (copy psa@ansi.org) to: Paul Crampton <Paul.Crampton@NEMA.org>

NENA (National Emergency Number Association)

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

New Standard

BSR/NENA STA-045.1-202x, NENA Standard for 911/988 Interactions (new standard)
This standard provides recommendations and best practices to help callers who are experiencing mental health crises. It outlines operational and technical considerations for ECCs/PSAPs to establish an effective working relationship with the 988 community.
Single copy price: Free
Obtain an electronic copy from: Download and submit comments at https://dev.nena.org/higherlogic/ws/public/document?document_id=33706&wg_id=212e795e-8c7f-4ba9-81a9-6c57d268980e
Send comments (copy psa@ansi.org) to: Same

PCI (Precast/Prestressed Concrete Institute)

8770 W. Bryn Mawr Ave., Suite 1150, Chicago, Illinois 60631 | egallandorm@pci.org, www.pci.org

Revision

BSR/PCI 128-202x, Specification for Glass-Fiber-Reinforced Concrete Panels (revision of ANSI/PCI 128-2019)
This design specification provides minimum requirements for design, manufacture, and installation of Glass-Fiber-Reinforced concrete (GFRC) panels.
Single copy price: Draft is available free of charge
Obtain an electronic copy from: standards@pci.org
Send comments (copy psa@ansi.org) to: Same

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 12-2018 (R202x), Test Method for Coaxial Hardline Distribution Cables (reaffirmation of ANSI/SCTE 12-2018)
This test is to determine the bond strength between the center conductor and dielectric for specified semi-flexible coaxial cables
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

Comment Deadline: September 23, 2024

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 13-2018 (R202x), Dielectric Air Leakage Test Method for Coaxial Hardline Distribution Cables (reaffirmation of ANSI/SCTE 13-2018)
The purpose of this test is to detect voids in the dielectric and the bond between the dielectric and the center conductor.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 53-2019 (R202x), Methods for Asynchronous Data Services Transport (reaffirmation of ANSI/SCTE 53 -2019)
This proposal represents transmission format for the carriage of asynchronous data services, compatible with digital multiplex bitstreams constructed in accordance with ISO/IEC 13818-1 (MPEG-2 Systems). Bit rates for the data services extend from 300 bps to 288 kbps including some common high-speed modem rates of 115,200 bps and 230,400 bps. The proposal also covers the entire set of rates specified by the ITU-T Series-V Recommendations (V.22, V.23, V.26, V.27 ter, V.29, V.32, V.32 bis, V.32 ter, and V.34).
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 121-2018 (R202x), Test Method for Downstream Bit Error Ratio (reaffirmation of ANSI/SCTE 121 -2018)
The purpose of this test is to measure bit error ratio (BER) of downstream (forward path) broadband telecommunications QAM signals. This procedure will address mainly pre-forward error correction BER results for 64- and 256-QAM.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 143-2018 (R202x), Test Method for Salt Spray (reaffirmation of ANSI/SCTE 143-2018)
This test method provides guidelines for salt spray testing of broadband communications equipment.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

Comment Deadline: September 23, 2024

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 177-2018 (R202x), Specification for Braided 75, Mini-Series Quad Shield Coaxial Cable for CMTS and SDI Cables (reaffirmation of ANSI/SCTE 177-2018)
This specification applies to flexible 75-ohm, braided, mini-series, quad-shield coaxial cable for use in CMTS and SDI applications. When reference to other regulations or specifications is made, the user should adhere to the latest revision of the regulation or specification.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 178-2019 (R202x), Test Method for Cable Weld Integrity (reaffirmation of ANSI/SCTE 178-2019)
This test procedure provides methods for evaluating and determining defects along the welded seam of coaxial cables whose outer conductor shield is constructed of a welded, aluminum or copper strip. This procedure may be used to inspect finished coaxial cables outer conductor, either smooth or corrugated.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 244-2018 (R202x), Specification for Braided 75, Micro-Series Quad Shield Coaxial Cable for Connectivity and Dense CCAP/Edge QAM Applications (reaffirmation of ANSI/SCTE 244-2018)
This specification defines the required performance with regards to electrical and mechanical properties of 75-ohm, braided micro-series quad shield coaxial cable for connectivity and dense CCAP/Edge QAM applications.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 251-2018 (R202x), Test Procedure for Determining the Thermal Oxidative Stability of Foamed Polyethylene (reaffirmation of ANSI/SCTE 251-2018)
This method covers the determination of an Oxidative Induction Time (OIT) value for coaxial cable, foamed polyethylene, and insulation materials removed from completed cable products. This test procedure is based on the ASTM D4565. The OIT value is determined by a thermo-analytical measurement of the onset time for the exothermic oxidation of insulation in pure oxygen, at a specified temperature.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

Comment Deadline: September 23, 2024

ULSE (UL Standards & Engagement)

1603 Orrington Ave, Evanston, IL 60201 | christina.riemer@ul.org, https://ulse.org/

National Adoption

BSR/UL 60034-2-1-202x, Standard for Safety for Rotating Electrical Machines - Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles) (identical national adoption of IEC 60034-2-1 and revision of ANSI/UL 60034-2-1-2017 (R2022))
UL proposes the Second Edition of the Standard for Rotating Electrical Machines – Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles), UL 60034-2-1, which is a UL-only identical adoption of IEC 60034-2-1:2024 (3rd Edition)
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

1603 Orrington Avenue, Suite 2000, Evanston, IL 60201 | mitchell.gold@ul.org, https://ulse.org/

Revision

BSR/UL 845-202x, Standard for Motor Control Centers (revision of ANSI/UL 845-2021)
Ballot of the following topics: (1) Addition of Class CF; (2) Calibration Performance; (3) Contactor Overload Protection; (4) Trip-out Performance of Circuit Breakers; (5) Correction in Conversion of HP to kW; (6) Short-time and Short-circuit Current Ratings of Motor Control Center Units; (7) Short-circuit Test Performance.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: October 8, 2024

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME B30.4-2020 (R202x), Portal and Pedestal Cranes (reaffirmation of ANSI/ASME B30.4-2020)
B30.4 includes provisions that apply to the construction, installation, operation, inspection, testing, and maintenance of electric motor or internal-combustion engine-powered portal and pedestal cranes that adjust operating radius by means of a boom luffing mechanism, that may be mounted on a fixed or traveling base, and to any variation thereof that retains the same fundamental characteristics.
Single copy price: $69.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Kathleen Peterson

Comment Deadline: October 8, 2024

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME HST-5-202x, Performance Standard for Air Chain Hoists (revision of ANSI/ASME HST-5-2020)
This Standard establishes performance requirements for air-powered chain hoists for vertical lifting service involving material handling of freely suspended (unguided) loads using load chain of the roller or welded link types with one of the following types of suspension: (1) lug; (2) hook or clevis; or (3) trolley This Standard is applicable to hoists manufactured after the date on which this Standard is issued. It is not applicable to (1) damaged or malfunctioning hoists; (2) hoists that have been misused or abused; (3) hoists that have been altered without authorization of the manufacturer or a qualified person; (4) hoists used for lifting or supporting people; (5) hoists used for the purpose of drawing both the load and the hoist up or down the hoist's own load chain(s); or (6) hoists used for marine and other applications as required by the Department of Defense (DOD), unless Nonmandatory Appendix A has been invoked.
Single copy price: Free
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Justin Cassamassino <cassasmassinoj@asme.org>

ULSE (UL Standards & Engagement)

1603 Orrington Ave, Evanston, IL 60201 | olivia.lawson@ul.org, https://ulse.org/

New Standard

BSR/UL 2200A-202x, Standard for Fire Containment Testing of Stationary Engine Generator Enclosures (new standard)
The First Edition of the Standard for Fire Containment Testing of Stationary Engine Generator Enclosures, UL 2200A, is proposed and covers stationary engine generator assemblies for installation less than the required spacing by NFPA 37, the Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines.
Single copy price: Free
Order from: https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 558-202x, Standard for Safety for Industrial Trucks, Internal Combustion Engine-Powered (revision of ANSI/UL 558-2024)
This proposal covers: (1) Proposed Adoption of the Eleventh Edition of the Standard for Industrial Trucks, Internal Combustion Engine-Powered, UL 558, as a UL Standard for the United States and Canada.
Single copy price: Free
Order from: https://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/ProposalAvailable.

Comment Deadline: October 8, 2024

ULSE (UL Standards & Engagement)
12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | griff.edwards@ul.org, https://ulse.org/

Revision

BSR/UL 1247-202x, Standard for Safety for Diesel Engines for Driving Stationary Fire Pumps (revision of ANSI/UL 1247-2023)
(1) Requirement clarifications and updated testing details.
Single copy price: Free
Order from: https://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/ProposalAvailable

Final Actions on American National Standards

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

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

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

ANSI/ASHRAE Addendum f to ANSI/ASHRAE Standard 15.2-2022, Safety Standard for Refrigeration Systems in Residential Applications (addenda to ANSI/ASHRAE Standard 15.2-2022) Final Action Date: 7/31/2024 | *Addenda*

ANSI/ASHRAE Addendum o to ANSI/ASHRAE Standard 15-2022, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022) Final Action Date: 7/31/2024 | *Addenda*

ANSI/ASHRAE Addendum p to ANSI/ASHRAE Standard 15-2022, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022) Final Action Date: 7/31/2024 | *Addenda*

ANSI/ASHRAE Addendum r to ANSI/ASHRAE Standard 15-2022, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022) Final Action Date: 7/31/2024 | *Addenda*

ANSI/ASHRAE Addendum v to ANSI/ASHRAE Standard 15-2022, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022) Final Action Date: 7/31/2024 | *Addenda*

ANSI/ASHRAE/IBPSA Addendum c to ANSI/ASHRAE/IBPSA Standard 209-2018, Energy Simulation Aided Design for Buildings except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 209-2018) Final Action Date: 7/31/2024 | *Addenda*

ANSI/ASHRAE/IBPSA Addendum e to ANSI/ASHRAE/IBPSA Standard 209-2018, Energy Simulation Aided Design for Buildings except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 209-2018) Final Action Date: 7/31/2024 | *Addenda*

ANSI/ASHRAE/IBPSA Addendum f to ANSI/ASHRAE/IBPSA Standard 209-2018, Energy Simulation Aided Design for Buildings except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 209-2018) Final Action Date: 7/31/2024 | *Addenda*

ANSI/ASHRAE/IES Addendum c to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 7/31/2024 | *Addenda*

ANSI/ASHRAE Standard 185.4-2024, Method of Testing In-Room Ultraviolet Devices and Systems for Microbial Inactivation on Surfaces in a Test Room (new standard) Final Action Date: 7/31/2024 | *New Standard*

ASME (American Society of Mechanical Engineers)

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

ANSI/ASME A112.19.2-2024/CSA B45.1, Ceramic Plumbing Fixtures (revision of ANSI/ASME A112.19.2/CSA B45.1 -2018) Final Action Date: 7/29/2024 | *Revision*

ASTM (ASTM International)

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

ANSI/ASTM E3445-2024, Practice for Image Processing to Improve Automated Facial Recognition Search Performance (new standard) Final Action Date: 7/23/2024 | *New Standard*

ASTM (ASTM International)

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

ANSI/ASTM E2957-2017 (R2024), Test Method for Resistance to Wildfire Penetration of Eaves, Soffits and Other Projections (reaffirmation of ANSI/ASTM E2957-2017) Final Action Date: 7/23/2024 | *Reaffirmation*

ANSI/ASTM F841-2020 (R2024), Specification for Thrusters, Tunnel, Permanently Installed in Marine Vessels (reaffirmation of ANSI/ASTM F841-2020) Final Action Date: 7/23/2024 | *Reaffirmation*

ANSI/ASTM F1005-1997 (R2024), Practice for HVAC Duct Shapes; Identification and Description of Design Configuration (reaffirmation of ANSI/ASTM F1005-1997 (R2020)) Final Action Date: 7/23/2024 | *Reaffirmation*

ANSI/ASTM F1076-2019 (R2024), Practice for Expanded Welded and Silver Brazed Socket Joints for Pipe and Tube (reaffirmation of ANSI/ASTM F1076-2019) Final Action Date: 7/23/2024 | *Reaffirmation*

ANSI/ASTM F1098-2010 (R2024), Specification for Envelope Dimensions for Butterfly Valves - NPS 2 to 24 (reaffirmation of ANSI/ASTM F1098-2010 (R2019)) Final Action Date: 7/23/2024 | *Reaffirmation*

ANSI/ASTM F1120-2010 (R2024), Specification for Circular Metallic Bellows Type Expansion Joints for Piping Applications (reaffirmation of ANSI/ASTM F1120-2010 (R2019)) Final Action Date: 7/23/2024 | *Reaffirmation*

ANSI/ASTM F1121-2010 (R2024), Specification for International Shore Connections for Marine Fire Applications (reaffirmation of ANSI/ASTM F1121-2010 (R2019)) Final Action Date: 7/23/2024 | *Reaffirmation*

ANSI/ASTM F1123-2010 (R2024), Specification for Non-Metallic Expansion Joints (reaffirmation of ANSI/ASTM F1123 -2010 (R2019)) Final Action Date: 7/23/2024 | *Reaffirmation*

ANSI/ASTM F1139-2010 (R2024), Specification for Steam Traps and Drains (reaffirmation of ANSI/ASTM F1139-2010 (R2019)) Final Action Date: 7/23/2024 | *Reaffirmation*

ANSI/ASTM F1155-2010 (R2024), Practice for Selection and Application of Piping System Materials (reaffirmation of ANSI/ASTM F1155-2010 (R2019)) Final Action Date: 7/23/2024 | *Reaffirmation*

ANSI/ASTM F1172-2010 (R2024), Specification for Fuel Oil Meters of the Volumetric Positive Displacement Type (reaffirmation of ANSI/ASTM F1172-2010 (R2019)) Final Action Date: 7/23/2024 | *Reaffirmation*

ANSI/ASTM F1245-2020 (R2024), Specification for Faucets, Single and Double, Compression and Self-Closing Type, Shipboard (reaffirmation of ANSI/ASTM F1245-2020) Final Action Date: 7/23/2024 | *Reaffirmation*

ANSI/ASTM F1333-1997 (R2024), Specification for Construction of Fire and Foam Station Cabinets (reaffirmation of ANSI/ASTM F1333-1997 (R2020)) Final Action Date: 7/23/2024 | *Reaffirmation*

ANSI/ASTM F2087-2013 (R2024), Specification for Packing, Fiberglass, Braided, Rope, and Wick (reaffirmation of ANSI/ASTM F2087-2013 (R2019)) Final Action Date: 7/23/2024 | *Reaffirmation*

ANSI/ASTM F2138-2012 (R2024), Specification for Excess Flow Valves for Natural Gas Service (reaffirmation of ANSI/ASTM F2138-2012 (R2017)) Final Action Date: 7/23/2024 | *Reaffirmation*

ANSI/ASTM F2168-2013 (R2024), Specification for Packing Material, Graphitic, Corrugated Ribbon or Textured Tape, and Die-Formed Ring (reaffirmation of ANSI/ASTM F2168-2013 (R2020)) Final Action Date: 7/23/2024 | *Reaffirmation*

ANSI/ASTM F2206-2019 (R2024), Specification for Fabricated Fittings of Butt-Fused Polyethylene (PE) (reaffirmation of ANSI/ASTM F2206-2019) Final Action Date: 7/23/2024 | *Reaffirmation*

ANSI/ASTM F2877/F2877M-2013 (R2024), Test Method for Shock Testing of Structural Insulation of A-Class Divisions Constructed of Steel or Aluminum (reaffirmation of ANSI/ASTM F2877/F2877M-2013 (R2019)) Final Action Date: 7/23/2024 | *Reaffirmation*

ASTM (ASTM International)

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

ANSI/ASTM D2466-2024, Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40 (revision of ANSI/ASTM D2466-2023) Final Action Date: 7/23/2024 | *Revision*

ANSI/ASTM D2467-2024, Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80 (revision of ANSI/ASTM D2467-2020) Final Action Date: 7/23/2024 | *Revision*

ANSI/ASTM D2513-2024, Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513-2021) Final Action Date: 7/23/2024 | *Revision*

ANSI/ASTM D2661-2024, Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings (revision of ANSI/ASTM D2661-2021) Final Action Date: 7/23/2024 | *Revision*

ANSI/ASTM D2949-2024, Specification for 3.25-in. Outside Diameter Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings (revision of ANSI/ASTM D2949-2022) Final Action Date: 7/23/2024 | *Revision*

ANSI/ASTM E162-2024, Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source (revision of ANSI/ASTM E162-2022) Final Action Date: 7/23/2024 | *Revision*

ANSI/ASTM E1678-2024, Test Method for Measuring Smoke Toxicity for Use in Fire Hazard Analysis (revision of ANSI/ASTM E1678-2021A) Final Action Date: 7/23/2024 | *Revision*

ANSI/ASTM E2187-2024, Test Method for Measuring the Ignition Strength of Cigarettes (revision of ANSI/ASTM E2187 -2020) Final Action Date: 7/23/2024 | *Revision*

ANSI/ASTM E2749-2024, Practice for Measuring the Uniformity of Furnace Exposure on Test Specimens (revision of ANSI/ASTM E2749-2023A) Final Action Date: 7/23/2024 | *Revision*

ANSI/ASTM F1960-2024, Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F1960-2023B) Final Action Date: 7/23/2024 | *Revision*

ANSI/ASTM F2165-2024, Specification for Flexible Pre-Insulated Plastic Piping (revision of ANSI/ASTM F2165-2019) Final Action Date: 7/23/2024 | *Revision*

ANSI/ASTM F2389-2024a, Specification for Pressure-rated Polypropylene (PP) Piping Systems (revision of ANSI/ASTM F2389-2024) Final Action Date: 7/23/2024 | *Revision*

ANSI/ASTM F2620-2024, Practice for Heat Fusion Joining of Polyethylene Pipe and Fittings (revision of ANSI/ASTM F2620-2020A) Final Action Date: 7/23/2024 | *Revision*

ANSI/ASTM F2767-2024, Specification for Electrofusion Type Polyamide-12 Fittings for Outside Diameter Controlled Polyamide-12 Pipe and Tubing for Gas Distribution (revision of ANSI/ASTM F2767-2018 (R2023)) Final Action Date: 7/23/2024 | *Revision*

ANSI/ASTM F3202-2024, Specification for Solid Wall Poly(Vinyl Chloride) (PVC) Fittings for Joining Corrugated Wall High Density Polyethylene (PE) and Polypropylene (PP) Piping (revision of ANSI/ASTM F3202-2019A) Final Action Date: 7/23/2024 | *Revision*

ANSI/ASTM F3288/F3288M-2024, Specification for MRS-Rated Metric- and Inch-sized Crosslinked Polyethylene (PEX) Pressure Pipe (revision of ANSI/ASTM F3288/F3288M-2020) Final Action Date: 7/23/2024 | *Revision*

ANSI/ASTM F2176-2017, Specification for Mechanical Couplings Used on Polyethylene Conduit, Duct and Innerduct (withdrawal of ANSI/ASTM F2176-2017) Final Action Date: 7/23/2024 | *Withdrawal*

ASTM (ASTM International)

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

ANSI/ASTM F2830-2011 (R2017), Specification for Manufacture and Joining of Polyethylene (PE) Gas Pressure Pipe with a Peelable Polypropylene (PP) Outer Layer (withdrawal of ANSI/ASTM F2830-2011 (R2017)) Final Action Date: 7/23/2024 | *Withdrawal*

AWS (American Welding Society)

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

ANSI/AWS B5.4-2025, Specification for the Qualification of Welder Test Facilities (new standard) Final Action Date: 7/30/2024 | *New Standard*

ANSI/AWS A3.0M/A3.0-2025, Standard Welding Terms and Definitions Including Terms for Additive Manufacturing, Adhesive Bonding, Brazing, Soldering, Thermal Cutting, Thermal Spraying, and Nondestructive Examination (revision of ANSI/AWS A3.0M/A3.0-2019) Final Action Date: 7/30/2024 | *Revision*

ANSI/AWS B5.1-2025, Specification for the Qualification of Welding Inspectors (revision of ANSI/AWS B5.1-2013-AMD1) Final Action Date: 7/30/2024 | *Revision*

ANSI/AWS C3.12M/C3.12-2024, Specification for Furnace Soldering (revision of ANSI/AWS C3.12M/C3.12-2017) Final Action Date: 8/1/2024 | *Revision*

CSA (CSA America Standards Inc.)

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

ANSI/CSA LC 7-2009 (R2024), Pipe Joint Sealing Compounds and Materials (reaffirmation of ANSI/CSA LC 7-2009 (R2019)) Final Action Date: 7/30/2024 | *Reaffirmation*

IEEE (Institute of Electrical and Electronics Engineers)

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

ANSI/IEEE C37.012-2024, Guide for the Application of Capacitive Current Switching for AC High-Voltage Circuit Breakers above 1000 V (new standard) Final Action Date: 8/2/2024 | *New Standard*

ANSI/IEEE C37.123-2024, Guide for Specifications for High-Voltage Gas-Insulated Substations Rated above 52 kV (revision of ANSI/IEEE C37.123-2016) Final Action Date: 7/31/2024 | *Revision*

NAAMM (National Association of Architectural Metal Manufacturers)

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

ANSI/NAAMM HMMA 840-2024, Guide Specifications for Receipt, Storage, and Installation of Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 840-2017) Final Action Date: 7/30/2024 | *Revision*

ANSI/NAAMM MBG 532-2024, Heavy Duty Metal Bar Grating Manual (revision of ANSI/NAAMM MBG 532-2019) Final Action Date: 7/29/2024 | *Revision*

ANSI/NAAMM MBG 534-2024, Metal Bar Grating Engineering Design Manual (revision of ANSI/NAAMM MBG 534 -2014) Final Action Date: 7/31/2024 | *Revision*

NFRC (National Fenestration Rating Council)

6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | jpadgett@nfrc.org, www.nfrc.org

ANSI/NFRC 100-2023 E0A2, Procedure for Determining Fenestration Product U-factors (revision of ANSI/NFRC 100 -2023 (E0A1)) Final Action Date: 8/1/2024 | *Revision*

ANSI/NFRC 200-2023 E0A3, Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence (revision of ANSI/NFRC 200-2023 E0A2) Final Action Date: 8/1/2024 | *Revision*

NFRC (National Fenestration Rating Council)

6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | jpadgett@nfrc.org, www.nfrc.org

ANSI/NFRC 500-2023 E0A3, Procedure for Determining Fenestration Product Condensation Index Ratings (revision of ANSI/NFRC 500-2023 E0A2) Final Action Date: 8/1/2024 | *Revision*

SCTE (Society of Cable Telecommunications Engineers)

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

ANSI/SCTE 106-2018 (R2023), DOCSIS Set-top Gateway (DSG) Specification (reaffirmation of ANSI/SCTE 106-2018) Final Action Date: 8/5/2024 | *Reaffirmation*

ULSE (UL Standards & Engagement)

1603 Orrington Ave, Suite 2000, Evanston, IL 60201 | roger.pareja@ul.org, https://ulse.org/

ANSI/UL 67-2024, Standard for Panelboards (revision of ANSI/UL 67-2023) Final Action Date: 8/1/2024 | *Revision*

ANSI/UL 193-2024, Standard for Alarm Valves for Fire-Protection Service (revision of ANSI/UL 193-2016 (R2021)) Final Action Date: 8/2/2024 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

ANSI Accredited Standards Developer

AWS - American Welding Society

D3 Committee on Welding in Marine Construction

The American Welding Society (AWS) D3 Committee on Welding in Marine Construction is actively seeking participation from the interest categories of user, general interest, and educator. To apply or obtain additional information please contact Kevin Bulger at kbulger@aws.org by December 31, 2024. For more information, see www.aws.org.

ANSI Accredited Standards Developer

AWS - American Welding Society

D14 Committee on Machinery and Equipment

The American Welding Society (AWS) D14 Committee on Machinery and Equipment is actively seeking participation from the interest categories of user, general interest, and educator. To apply or obtain additional information please contact Kevin Bulger at kbulger@aws.org by December 31, 2024. For more information, see www.aws.org.

ANSI Accredited Standards Developer

AWS - American Welding Society

C3 Committee on Brazing and Soldering

The American Welding Society (AWS) C3 Committee on Brazing and Soldering is actively seeking participation from the interest categories of user, general interest, and educator. To apply or obtain additional information please contact Kevin Bulger at kbulger@aws.org by December 31, 2024. For more information, see www.aws.org.

ANSI Accredited Standards Developer

AWS - American Welding Society

A5 Committee on Filler Metals and Allied Materials

The American Welding Society (AWS) A5 Committee on Filler Metals and Allied Materials is actively seeking participation from the interest categories of user, general interest, and distributor. To apply or obtain additional information please contact Kevin Bulger at kbulger@aws.org by December 31, 2024. For more information, see www.aws.org.

AISC (American Institute of Steel Construction)

130 E. Randolph Street, Suite 2000, Chicago, IL 60601-6204 | gonner@aisc.org, www.aisc.org

BSR/AISC 303-202x, Code of Standard Practice for Steel Buildings and Bridges (revision of ANSI/AISC 303-2022)

AISC (American Institute of Steel Construction)

130 E. Randolph Street, Suite 2000, Chicago, IL 60601 | matthew@aisc.org, www.aisc.org

BSR/AISC 358-202x, Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications (revision of ANSI/AISC 358-2022)

ASME (American Society of Mechanical Engineers)

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

BSR/ASME B30.4-2020 (R202x), Portal and Pedestal Cranes (reaffirmation of ANSI/ASME B30.4-2020)

ASME (American Society of Mechanical Engineers)

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

BSR/ASME HST-5-202x, Performance Standard for Air Chain Hoists (revision of ANSI/ASME HST-5-2020)

ATCC (American Type Culture Collection)

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

BSR/ATCC ASN-0003-2015 (R202x), Species-level Identification of Animal Cells through Mitochondial Cytochrome c Oxidase Sububit 1 (CO1) DNA Barcodes (reaffirmation of ANSI/ATCC ASN-0003-2015)

ATCC (American Type Culture Collection)

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

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

AWS (American Welding Society)

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

BSR/AWS D17.1/D17.1M-202x, Specification for Fusion Welding for Aerospace Applications (revision of ANSI/AWS D17.1/D17.1M-2024)

EOS/ESD (ESD Association, Inc.)

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

BSR/EOS ESD STM3.1-202X, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Ionization (revision of ANSI/ESD STM3.1-2015 (R2024))

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

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

BSR/IICRC S100-202x, Standard for Professional Cleaning of Textile Floor Coverings (revision of ANSI/IICRC S100 -2021)

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

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

BSR/IICRC S220-202x, Standard for Professional Inspection of Hard Surface Floor Coverings (revision of ANSI/IICRC S220-2020)

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

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

INCITS 588-201x, Information Technology - Fibre Channel Switch Fabric - 9 (FC-SW-9) (new standard)

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

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

INCITS 589-201x, Information Technology - Fibre Channel Generic Services - 10 (FC-GS-10) (new standard)

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

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

INCITS/ISO 19123-1:2023 [202x], Geographic information - Schema for coverage geometry and functions - Part 1: Fundamentals (identical national adoption of ISO 19123-1:2023 and revision of INCITS/ISO 19123:2005 [R2021])

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

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

INCITS/ISO 19123-3:2023 [202x], Geographic information - Schema for coverage geometry and functions - Part 3: Processing fundamentals (identical national adoption of ISO 19123-3:2023)

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

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

INCITS/ISO 19144-2:2023 [202x], Geographic information - Classification systems - Part 2: Land Cover Meta Language (LCML) (identical national adoption of ISO 19144-2:2023 and revision of INCITS/ISO 19144-2:2012 [R2023])

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

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

INCITS/ISO 19152-1:2024 [202x], Geographic information - Land Administration Domain Model (LADM) - Part 1: Generic conceptual model (identical national adoption of ISO 19152-1:2024)

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

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

INCITS/ISO 19152-3:2024 [202x], Geographic information - Land Administration Domain Model (LADM) - Part 3: Marine georegulation (identical national adoption of ISO 19152-3:2024)

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

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

INCITS/ISO 19156:2023 [202x], Geographic information - Observations, measurements and samples (identical national adoption of ISO 19156:2023 and revision of INCITS/ISO 19156:2011 [R2022])

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

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

INCITS/ISO 22739:2024 [202x], Blockchain and distributed ledger technologies - Vocabulary (identical national adoption of ISO 22739:2024)

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

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

INCITS/ISO/IEC 4922-2:2024 [202x], Information security - Secure multiparty computation - Part 2: Mechanisms based on secret sharing (identical national adoption of ISO/IEC 4922-2:2024)

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

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

INCITS/ISO/IEC 5259-1:2024 [202x], Artificial intelligence - Data quality for analytics and machine learning (ML) - Part 1: Overview, terminology, and examples (identical national adoption of ISO/IEC 5259-1:2024)

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

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

INCITS/ISO/IEC 5259-3:2024 [202x], Artificial intelligence - Data quality for analytics and machine learning (ML) - Part 3: Data quality management requirements and guidelines (identical national adoption of ISO/IEC 5259-3:2024)

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

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

INCITS/ISO/IEC 5259-4:2024 [202x], Artificial intelligence - Data quality for analytics and machine learning (ML) - Part 4: Data quality process framework (identical national adoption of ISO/IEC 5259-4:2024)

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

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

INCITS/ISO/IEC 14888-4:2024 [202x], Information security - Digital signatures with appendix - Part 4: Stateful hash-based mechanisms (identical national adoption of ISO/IEC 14888-4:2024)

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

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

INCITS/ISO/IEC 18041-5:2023 [202x], Computer graphics, image processing and environmental data representation - Environmental Data Coding Specification (EDCS) language bindings - Part 5: C++ (identical national adoption of ISO/IEC 18041-5:2023)

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

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

INCITS/ISO/IEC 23837-2:2023 [202x], Information security - Security requirements, test and evaluation methods for quantum key distribution - Part 2: Evaluation and testing methods (identical national adoption of ISO/IEC 23837 -2:2023)

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

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

INCITS/ISO/IEC 27006-1:2024 [202x], Information security, cybersecurity and privacy protection - Requirements for bodies providing audit and certification of information security management systems - Part 1: General (identical national adoption of ISO/IEC 27006-1:2024 and revision of INCITS/ISO/IEC 27006:2015 [R2022])

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

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

INCITS/ISO/IEC 27033-7:2023 [202x], Information technology - Network security - Part 7: Guidelines for network virtualization security (identical national adoption of ISO/IEC 27033-7:2023)

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

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

INCITS/ISO/IEC 5927:2024 [202x], Computer graphics, image processing and environmental data representation - Augmented and virtual reality safety - Guidance on safe immersion, set up and usage (identical national adoption of ISO/IEC 5927:2024)

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

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

INCITS/ISO/IEC 17825:2024 [202x], Information technology - Security techniques - Testing methods for the mitigation of non-invasive attack classes against cryptographic modules (identical national adoption of ISO/IEC 17825:2024 and revision of INCITS/ISO/IEC 17825:2016 [R2023])

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

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

INCITS/ISO/IEC 20924:2024 [202x], Internet of Things (IoT) and digital twin - Vocabulary (identical national adoption of ISO/IEC 20924:2024 and revision of INCITS/ISO/IEC 20924:2021 [2021])

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

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

INCITS/ISO/IEC 27040:2024 [202x], Information technology - Security techniques - Storage security (identical national adoption of ISO/IEC 27040:2024 and revision of INCITS/ISO/IEC 27040:2015 [R2022])

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

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

INCITS/ISO/IEC 27402:2023 [202x], Cybersecurity - IoT security and privacy - Device baseline requirements (identical national adoption of ISO/IEC 27402:2023)

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

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

INCITS/ISO/IEC 27403:2024 [202x], Cybersecurity - IoT security and privacy - Guidelines for IoT-domotics (identical national adoption of ISO/IEC 27403:2024)

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

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

INCITS/ISO/IEC 27554:2024 [202x], Information security, cybersecurity and privacy protection - Application of ISO 31000 for assessment of identity-related risk (identical national adoption of ISO/IEC 27554:2024)

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

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

INCITS/ISO/IEC 27561:2024 [202x], Information security, cybersecurity and privacy protection - Privacy operationalisation model and method for engineering (POMME) (identical national adoption of ISO/IEC 27561:2024)

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

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

INCITS/ISO/IEC 27001:2022/AM1:2024 [202x], Information security, cybersecurity and privacy protection - Information security management systems - Requirements - Amendment 1: Climate action changes (identical national adoption of ISO/IEC 27001:2022/AM1:2024)

NECA (National Electrical Contractors Association)

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

BSR/NECA 412-202X, Standard for Installing and Maintaining Photovoltaic (PV) Power Systems (revision of ANSI/NECA 412-2012)

NECA (National Electrical Contractors Association)

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

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

NEMA (ASC C29) (National Electrical Manufacturers Association)

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

BSR C29.19-2020 (R202x), Composite Insulators Station Post Type (reaffirmation of ANSI C29.19-2020)

NSF (NSF International)

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

BSR/NSF 49-202x (i197r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2022)

NSF (NSF International)

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

BSR/NSF 49-202x (i198r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2022)

PCI (Precast/Prestressed Concrete Institute)

8770 W. Bryn Mawr Ave., Suite 1150, Chicago, Illinois 60631 | egallandorm@pci.org, www.pci.org

BSR/PCI 128-202x, Specification for Glass-Fiber-Reinforced Concrete Panels (revision of ANSI/PCI 128-2019)

SAIA (ASC A11) (Scaffold & Access Industry Association)

400 Admiral Boulevard, Kansas City, MO 64106 | deanna@saiaonline.org, www.saiaonline.org

BSR/SAIA A11.6-202x, Standard for Testing and Rating Scaffold Planks and Decks (new standard)

ULSE (UL Standards & Engagement)

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

BSR/UL 1247-202x, Standard for Safety for Diesel Engines for Driving Stationary Fire Pumps (revision of ANSI/UL 1247-2023)

American National Standards (ANS) Process

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

Where to find Procedures, Guidance, Interpretations and More…

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

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

www.ansi.org/essentialrequirements

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

www.ansi.org/standardsaction

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

www.ansi.org/sdoaccreditation

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

www.ansi.org/asd

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

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

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

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

Accreditation Announcements (Standards Developers)

Public Review of Revised ASD Operating Procedures

ITI (INCITS) - InterNational Committee for Information Technology Standards

Comment Deadline: September 9, 2024

The **ITI (INCITS) - InterNational Committee for Information Technology Standards**, an ANSI Member and Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on ITI (INCITS)-sponsored American National Standards, under which it was last reaccredited in 2022. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Lynn Barra, InterNational Committee for Information Technology Standards (ITI (INCITS)) | 700 K Street NW, Suite 600, Washington, DC 20001 | (202) 737 -8888, INCITS-comments@connectedcommunity.org

To view/download a copy of the revisions during the public review period, click URL here.

Please submit any public comments on the revised procedures to ITI (INCITS) by **September 9, 2024**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

CSA - CSA America Standards Inc.

Fuel Cell Technical Committee Meeting - October 23, 2024

CSA Group will hold the Fuel Cell Technical Committee meeting by teleconference on October 23, 2024 from 8:30 a.m. to 4:30 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 September 1, 2024. 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.

ANSI Accredited Standards Developer

CSA - CSA America Standards Inc.

Hydrogen Transportation Technical Committee Meeting - October 22, 2024

CSA Group will hold the Hydrogen Transportation Technical Committee meeting by teleconference on October 22, 2024 from 8:30 a.m. to 4:30 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 September 1, 2024. 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.

American National Standards Under Continuous Maintenance

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

AARST (American Association of Radon Scientists and Technologists)

AGA (American Gas Association)

AGSC (Auto Glass Safety Council)

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ASME (American Society of Mechanical Engineers)

ASTM (ASTM International)

GBI (Green Building Initiative)

HL7 (Health Level Seven)

Home Innovation (Home Innovation Research Labs)

IES (Illuminating Engineering Society)

ITI (InterNational Committee for Information Technology Standards)

MHI (Material Handling Industry)

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

NCPDP (National Council for Prescription Drug Programs)

NEMA (National Electrical Manufacturers Association)

NFRC (National Fenestration Rating Council)

NISO (National Information Standards Organization)

NSF (NSF International)

PHTA (Pool and Hot Tub Alliance)

PRCA (Professional Ropes Course Association)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

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

Teresa Ambrosius
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AISC
American Institute of Steel Construction
130 E. Randolph Street, Suite 2000
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Margaret Matthew
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ASCE
American Society of Civil Engineers
1801 Alexander Bell Drive
Reston, VA 20190
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Tanner Johnston
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ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
180 Technology Parkway
Peachtree Corners, GA 30092
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ASME
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ASTM
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AWS
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David Zimmerman
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Debbie Chesnik
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EOS/ESD
ESD Association, Inc.
218 W. Court Street
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Jennifer Kirk
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FM
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One Technology Way
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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

Agricultural food products (TC 34)

ISO/DIS 4149, Green coffee - Olfactory and visual examination and determination of foreign matter and defects - 10/18/2024, $40.00

ISO/DIS 6670, Instant coffee - Sampling method for bulk units with liners - 10/24/2024, $40.00

ISO/DIS 6673, Green coffee - Determination of loss in mass at 105 °C - 10/18/2024, $40.00

ISO/DIS 9116, Green coffee - Guidelines on methods of specification - 10/19/2024, $33.00

ISO/DIS 18731, Spices and condiments - Seasoning oil of Zanthoxyli pericarpium - Specification - 10/24/2024, $58.00

ISO/DIS 18794, Coffee - Sensory analysis - Vocabulary - 10/20/2024, $58.00

ISO/DIS 21121, Spices and condiments - Dried Lime (Whole, Slices & Ground) - Specification - 10/19/2024, $33.00

ISO/DIS 23983, Characteristics of fresh and dry baker's yeast - 10/19/2024, $58.00

ISO/DIS 6639-1, Cereals and pulses - Determination of hidden insect infestation - Part 1: General principles - 10/20/2024, $33.00

ISO/DIS 6639-2, Cereals and pulses - Determination of hidden insect infestation - Part 2: Sampling - 10/20/2024, $40.00

ISO/DIS 6639-4, Cereals and pulses - Determination of hidden insect infestation - Part 4: Rapid methods - 10/20/2024, $67.00

Applications of statistical methods (TC 69)

ISO/DIS 5725-5, Accuracy (trueness and precision) of measurement methods and results - Part 5: Alternative methods for the determination of the precision of a standard measurement method - 10/18/2024, $107.00

ISO/DIS 16355-3, Applications of statistical and related methods to new technology and product development process - Part 3: Quantitative approaches for the acquisition of voice of customer and voice of stakeholder - 10/18/2024, $112.00

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

ISO 10993-23:2021/DAmd 1, - Amendment 1: Biological evaluation of medical devices - Part 23: Tests for irritation - Amendment 1: Additional in vitro reconstructed human epidermis models - 10/19/2024, $46.00

Child care articles (TC 310)

ISO/DIS 23645, Child care articles - Baby walking frames - Safety requirements and test methods - 10/24/2024, $107.00

Fluid power systems (TC 131)

ISO/DIS 8426-1, Hydraulic fluid power - Determination of derived displacement of positive displacement pumps and motors - Part 1: Two-step Toet method - 10/20/2024, $71.00

ISO/DIS 8426-2, Hydraulic fluid power - Determination of derived displacement of positive displacement pumps and motors - Part 2: Zero-pressure intercept method - 10/20/2024, $40.00

Implants for surgery (TC 150)

ISO/DIS 7206-12, Implants for surgery - Partial and total hip joint prostheses - Part 12: Deformation test method for press-fit acetabular components - 10/18/2024, $53.00

Measurement of fluid flow in closed conduits (TC 30)

ISO/DIS 3966, Measurement of fluid flow in closed conduits - Velocity area method using Pitot static tubes - 10/20/2024, $134.00

Metallic and other inorganic coatings (TC 107)

ISO/DIS 2081, Metallic and other inorganic coatings - Electroplated coatings on iron and steel using zinc treated with solutions containing chromium (VI) - 10/19/2024, $58.00

Other

ISO/DIS 11641, Leather - Tests for colour fastness - Colour fastness to perspiration - 10/18/2024, $46.00

ISO/DIS 11642, Leather - Tests for colour fastness - Colour fastness to water - 10/17/2024, $40.00

Photography (TC 42)

ISO/DIS 12231-1, Digital Imaging - Terminology - Part 1: Vocabulary - 10/17/2024, $40.00

Plastics (TC 61)

ISO/DIS 5659, Plastics - Smoke generation - Determination of optical density by a single-chamber test - 10/20/2024, $119.00

ISO/DIS 15270-5, Plastics - Guidelines for the recovery and recycling of plastics waste - Part 5: Organic/biological recycling - 10/20/2024, $62.00

Quality management and quality assurance (TC 176)

ISO/DIS 10012, Quality management - Requirements for measurement management systems - 10/19/2024, $119.00

Screw threads (TC 1)

ISO/DIS 965-6, ISO general purpose metric screw threads - Tolerances - Part 6: Limits of sizes for internal and external threads (Fine and medium tolerance qualities, first and second choices) - 10/20/2024, $146.00

Soil quality (TC 190)

ISO/DIS 7303, Simplified method for oral bioaccessibility of metal (loid)s in soils - 10/18/2024, $93.00

ISO/DIS 18227, Environmental solid matrices - Determination of elemental composition by X-ray fluorescence spectrometry - 10/17/2024, $107.00

Solar energy (TC 180)

ISO/DIS 9806, Solar energy - Solar thermal collectors - Test methods - 10/17/2024, $155.00

Traditional Chinese medicine (TC 249)

ISO/DIS 19015, Traditional Chinese Medicine - Glycyrrhiza uralensis and Glycyrrhiza glabra seeds and seedlings - 10/24/2024, $58.00

ISO/DIS 19047, Traditional Chinese Medicine - Polygonum multiflorum root - 10/17/2024, $71.00

Tyres, rims and valves (TC 31)

ISO/DIS 10231, Motorcycle tyres - Test methods for verifying tyre capabilities - 10/20/2024, $58.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 15417:2007/DAmd 1, - Amendment 1: Information technology - Automatic identification and data capture techniques - Code 128 bar code symbology specification - Amendment 1: Annex D corrections - 10/20/2024, $29.00

ISO/IEC DIS 30108-1, Biometrics - Identity attributes verification services - Part 1: IAVS services - 10/18/2024, $146.00

ISO/IEC DIS 29167-21, Information technology - Automatic identification and data capture techniques - Part 21: Crypto suite SIMON security services for air interface communications - 10/21/2024, $112.00

ISO/IEC DIS 29167-22, Information technology - Automatic identification and data capture techniques - Part 22: Crypto suite SPECK security services for air interface communications - 10/21/2024, $112.00

IEC Standards

56/2057(F)/FDIS, IEC 62309 ED2:Dependability of New Products Containing Reused Parts and Life-Extended Products, 08/23/2024

All-or-nothing electrical relays (TC 94)

94/1052(F)/FDIS, IEC 63522-15 ED1: Electrical relays - Tests and measurements - Part 15: Robustness of terminals, 08/23/2024

94/1040/CDV, IEC 63522-19 ED1: Electrical relays - Tests and Measurements - Part 19: Electrical endurance, 09/27/2024

94/1064/FDIS, IEC 63522-21 ED1: Electrical relays - Tests and Measurements - Part 21: Thermal Endurance, 09/13/2024

94/1065/FDIS, IEC 63522-29 ED1: Electrical relays - Tests and Measurements - Part 29: Capacitance, 09/13/2024

Automatic controls for household use (TC 72)

72/1454/CD, IEC 60730-1/AMD1/FRAG1 ED6: Fragment 1: Compilation of proposals, 09/27/2024

72/1455/CD, IEC 60730-1/AMD1/FRAG2 ED6: Fragment 2: Clause 13.1.3.5, Weak Parts, 09/27/2024

72/1456/CD, IEC 60730-1/AMD1/FRAG3 ED6: Fragment 3: Clause J.17.2.6.1, typographical error in beta formula, 09/27/2024

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

46A/1691/CD, IEC 61196-1-102 ED2: Coaxial communication cables - Part 1-102: Electrical test methods - Test for insulation resistance of cable dielectric, 10/25/2024

46C/1295/CD, IEC 62783-2 ED2: Twinax cables for digital communications - Part 2: Family specification - Cable for Ethernet-over-twinax physical interfaces, 10/25/2024

46/1012/CD, IEC TR 62839-1 ED2: Environmental declaration - Part 1: Communication wires and cables - product specific rules, 09/27/2024

Dependability (TC 56)

56/2058/FDIS, IEC 62198 ED3: Managing risk in projects - Application guidelines, 09/13/2024

Documentation and graphical symbols (TC 3)

3/1675/CD, IEC 81346-14 ED1: Industrial systems, installations and equipment and industrial products - Structuring principles and reference designation - Part 14: Manufacturing systems, 10/25/2024

Electric traction equipment (TC 9)

9/3123/CD, IEC 60349-2 ED4: Electric traction - Rotating electrical machines for rail and road vehicles - Part 2: Electronic converter-fed alternating current motors, 09/27/2024

Electrical apparatus for explosive atmospheres (TC 31)

31/1782(F)/CDV, IEC 60079-7 ED6: Explosive atmospheres - Part 7: Equipment protection by increased safety "e", 08/30/2024

Electrical installations of buildings (TC 64)

64/2686(F)/FDIS, IEC 60364-4-42 ED4: Low-voltage electrical installations - Part 4-42: Protection for safety - Protection against thermal effects, 08/30/2024

64/2675(F)/FDIS, IEC 60364-5-52/AMD1 ED3: Amendment 1 - Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems, 08/16/2024

Electroacoustics (TC 29)

29/1180/CDV, IEC 61252 ED2: Electroacoustics - Personal sound exposure meters, 10/25/2024

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

48B/3111(F)/FDIS, IEC 61076-2-101 ED4: Connectors for electrical and electronic equipment - Product requirements - Part 2-101: Circular connectors - Detail specification for M12 connectors with screw-locking, 08/23/2024

Electrostatics (TC 101)

101/718/FDIS, IEC 61340-4-9 ED3: Electrostatics - Part 4-9: Standard test methods for specific applications - Garments - Resistive Characterization, 09/13/2024

Fibre optics (TC 86)

86B/4945/CD, IEC 61300-2-21 ED3: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-21: Tests - Composite temperature/humidity cyclic test, 09/27/2024

86B/4946/CD, IEC 61753-021-03 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 021-03: Single-mode fibre optic connectors terminated as pigtails and patchcords for category OP - Outdoor protected environment, 09/27/2024

86B/4947/CD, IEC 61753-022-02 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 022-02: Multimode fibre optic connectors terminated as pigtails and patchcords for category C - Controlled environment, 09/27/2024

Flat Panel Display Devices (TC 110)

110/1673/CD, IEC 63145-201-10 ED1: Eyewear display - Part 201-10: Measurement methods for VR type - Optical properties of a singlet lens used for eyepieces, 09/27/2024

Fuel Cell Technologies (TC 105)

105/1068/NP, PNW 105-1068 ED1: Fuel cell technologies - Multi-generation of fuel cell systems for electricity, hydrogen generation and cooling - Performance test methods, 10/25/2024

Fuses (TC 32)

32B/760/CD, IEC 60269-100 ED1:: Low-Voltage Fuses. Part 100: General requirements and tests, 10/25/2024

32B/762/NP, PNW 32B-762 ED1: Low-voltage fuses - Part 201: Supplementary and modified requirements and tests for fuses utilization class gG, 10/25/2024

Hydraulic turbines (TC 4)

4/508/NP, PNW 4-508 ED1: Fatigue assessment of hydraulic turbine runners: from design to quality assurance, 09/27/2024

Industrial-process measurement and control (TC 65)

65/1054(F)/FDIS, IEC 61010-2-203 ED1: Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-203: Particular requirements for industrial communication circuits and communication port interconnection, 08/16/2024

65E/1089/CDV, IEC 61987-100 ED1: Industrial-process measurement and control - Data structures and elements, 10/25/2024

65/1083/CD, IEC TR 63597 ED1: Application of IEC 63339 to Smart Manufacturing Reference Models, 09/27/2024

65C/1302/CDV, IEC/IEEE 60802 ED1: Time-sensitive networking profile for industrial automation, 10/25/2024

Instrument transformers (TC 38)

38/797/CD, IEC 61869-14 ED2: Instrument transformers - Part 14: Additional requirements for current transformers for DC applications, 10/25/2024

38/798/CD, IEC 61869-15 ED2: Instrument transformers - Part 15: Additional requirements for voltage transformers for DC applications, 10/25/2024

38/799/CD, IEC 61869-2 ED2: Instrument transformers - Part 2: Additional requirements for current transformers, 10/25/2024

38/800/CD, IEC 61869-3 ED2: Instrument transformers - Part 3: Additional requirements for inductive voltage transformers, 10/25/2024

38/801/CD, IEC 61869-5 ED2: Instrument transformers - Part 5: Additional requirements for capacitor voltage transformers, 10/25/2024

Insulators (TC 36)

36/607/DTS, IEC TS 63264 ED1: Composite insulators with integrated optical fibres for AC voltages greater than 1000 V and DC voltages greater than 1500 V - Definitions, test methods and acceptance criteria, 09/27/2024

Lamps and related equipment (TC 34)

34/1216/CD, IEC 62386-225 ED1: Digital addressable lighting interface - Part 225: Particular requirements for control gear - Adaptive escape lighting (device type 24), 10/25/2024

Lightning protection (TC 81)

81/771/CDV, IEC 62561-2 ED3: Lightning protection system components (LPSC) - Part 2: Requirements for conductors and earth electrodes, 10/25/2024

Performance of household electrical appliances (TC 59)

59L/269/FDIS, IEC 63399 ED1: Household and similar electrical rice cookers - Methods for measuring the performance, 09/13/2024

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

116/806(F)/FDIS, IEC 62841-4-4/AMD1 ED1: Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-4: Particular requirements for lawn trimmers, lawn edge trimmers, grass trimmers, brush cutters and brush saws, 08/16/2024

116/818/FDIS, IEC 63241-2-11 ED1: Electric motor-operated tools - Dust measurement procedure - Part 2-11: Particular requirements for hand-held reciprocating saws, 09/13/2024

116/819/FDIS, IEC 63241-2-5 ED1: Electric motor-operated tools - Dust measurement procedure - Part 2-5: Particular requirements for hand-held circular saws, 09/13/2024

Safety of household and similar electrical appliances (TC 61)

61/7281/FDIS, IEC 60335-2-43 ED5: Household and similar electrical appliances - Safety - Part 2-43: Particular requirements for clothes dryers and towel rails, 09/13/2024

61/7282/FDIS, IEC 60335-2-80 ED4: Household and similar electrical appliances - Safety - Part 2-80: Particular requirements for fans, 09/13/2024

Solar photovoltaic energy systems (TC 82)

82/2289/DTS, IEC TS 62257-9-5 ED5: Renewable energy and hybrid systems for rural electrification - Part 9-5: Integrated systems - Laboratory evaluation of stand-alone renewable energy products for rural electrification, 09/27/2024

Standard voltages, current ratings and frequencies (TC 8)

8/1712/CD, IEC TR 62786-102 ED1: Distributed energy resources connection with the grid - Part 102: CAES connection to the grid, 09/27/2024

Superconductivity (TC 90)

90/527/CD, IEC 61788-28 ED1: Mechanical properties measurement - Tensile test of practical REBCO and BSCCO composite superconductors at cryogenic temperatures, 09/27/2024

Surface mounting technology (TC 91)

91/1970/CD, IEC 61760-1 ED4: Surface mounting technology - Part 1: Standard method for the specification of surface mounting components (SMDs)., 10/25/2024

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

121A/615(F)/FDIS, IEC 60947-4-2/AMD1 ED4: Amendment 1 - Low-voltage switchgear and controlgear - Part 4-2: Contactors and motor-starters - Semiconductor motor controllers, starters and soft-starters, 08/23/2024

121B/202/DTS, IEC TS 63290 ED1: Supplementary requirements for intelligent assemblies, 09/27/2024

(SyCAAL)

SyCAAL/370/DTS, IEC SRD 63408 ED1: Safety aspects - Guidelines for adult AAL care recipients in standards and other specifications, 09/27/2024

(TC 127)

127/63/DTS, IEC TS 63346-1-1 ED1: Low-voltage auxiliary power systems - Part 1-1: Terminology, 09/27/2024

Wind turbine generator systems (TC 88)

88/1040(F)/FDIS, IEC 61400-24/AMD1 ED2: Amendment 1 - Wind energy generation systems - Part 24: Lightning protection, 08/16/2024

88/1042/DTS, IEC TS 61400-50-4 ED1: Wind energy generation systems - Part 50-4: Use of floating lidar systems for wind measurements, 09/27/2024

ISO/IEC JTC 1, Information Technology

(JTC1)

JTC1-SC41/436/CDV, ISO/IEC 30180 ED1: Internet of Things (IoT) - Functional requirements to determine the status of self-quarantine through Internet of Things data interfaces, 09/27/2024

JTC1-SC41/452/NP, PNW JTC1-SC41-452 ED1: Internet of Things (IoT) - Smart onshore aquaculture - General and technical requirements, 10/25/2024

Newly Published ISO & IEC Standards

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

ISO Standards

Governance of organizations (TC 309)

ISO 37005:2024, Governance of organizations - Developing indicators for effective governance, $124.00

Implants for surgery (TC 150)

ISO 7197:2024, Neurosurgical implants - Sterile, single-use hydrocephalus shunts, $81.00

Materials for the Production of Primary Aluminium (TC 226)

ISO 14427:2024, Carbonaceous materials used in the production of aluminium - Cold and tepid ramming pastes - Preparation of unbaked test specimens and determination of apparent density after compaction, $54.00

ISO 17544:2024, Carbonaceous materials used in the production of aluminium - Cold and tepid ramming pastes - Determination of rammability of unbaked pastes, $54.00

Personal safety - Protective clothing and equipment (TC 94)

ISO 11999-5:2024, PPE for firefighters - Test methods and requirements for PPE used by firefighters who are at risk of exposure to high levels of heat and/or flame while fighting fires occurring in structures - Part 5: Helmets, $166.00

Rare earth (TC 298)

ISO 24181-1:2024, Rare earth - Determination of non-rare earth impurities in individual rare earth metals and their oxides - ICP-AES - Part 1: Analysis of Al, Ca, Mg, Fe and Si, $81.00

Road vehicles (TC 22)

ISO 6518-2:2024, Road vehicles - Ignition systems - Part 2: Electrical performance and function test methods, $166.00

Rubber and rubber products (TC 45)

ISO 4649:2024, Rubber, vulcanized or thermoplastic - Determination of abrasion resistance using a rotating cylindrical drum device, $166.00

ISO 22638:2024, Rubber - Generation and collection of tyre and road wear particles (TRWP) - Road simulator laboratory method, $81.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO 18497-1:2024, Agricultural machinery and tractors - Safety of partially automated, semi-autonomous and autonomous machinery - Part 1: Machine design principles and vocabulary, $124.00

ISO 18497-2:2024, Agricultural machinery and tractors - Safety of partially automated, semi-autonomous and autonomous machinery - Part 2: Design principles for obstacle protection systems, $124.00

ISO 18497-3:2024, Agricultural machinery and tractors - Safety of partially automated, semi-autonomous and autonomous machinery - Part 3: Autonomous operating zones, $81.00

ISO 18497-4:2024, Agricultural machinery and tractors - Safety of partially automated, semi-autonomous and autonomous machinery - Part 4: Verification methods and validation principles, $223.00

Transport information and control systems (TC 204)

ISO 14813-1:2024, Intelligent transport systems - Reference model architecture(s) for the ITS sector - Part 1: ITS service domains, service groups and services, $278.00

IEC Standards

Electrical Energy Storage (EES) Systems (TC 120)

IEC 62933-5-1 Ed. 1.0 b:2024, Electrical energy storage (EES) systems - Part 5-1: Safety considerations for grid-integrated EES systems - General specification, $444.00

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

IEC 60512-28-100 Ed. 3.0 b:2024, Connectors for electrical and electronic equipment - Tests and measurements - Part 28-100: Signal integrity tests up to 2 000 MHz - Tests 28a to 28g, $348.00

Industrial-process measurement and control (TC 65)

IEC 62381 Ed. 3.0 b:2024, Automation systems in the process industry - Factory acceptance test (FAT), site acceptance test (SAT), and site integration test (SIT), $348.00

Secondary cells and batteries (TC 21)

IEC 61960-4 Ed. 2.0 b:2024, Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for portable applications - Part 4: Coin secondary lithium cells, and batteries made from them, $193.00

IEC 61960-4 Ed. 2.0 en:2024 CMV, Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for portable applications - Part 4: Coin secondary lithium cells, and batteries made from them, $386.00

International Organization for Standardization (ISO)

Call for comment on ISO/IEC Guide 59:2019

Comment Deadline: October 18, 2024

ISO has initiated a systematic review of ISO/IEC Guide 59:2019 – "ISO and IEC recommended practices for standardization by national bodies", which has the following scope statement:

This document provides recommended standardization practices that are intended to support the application of the following:

- the WTO TBT Committee decision on principles for the development of international standards, guides and recommendations (G/TBT/9, 13 November 2000);
- the WTO TBT Agreement's Code of Good Practice for the Preparation, Adoption and Application of Standards (Annex 3 of the 1995 WTO TBT Agreement).

This document is intended to be used by the national members of ISO and IEC, hereafter referred to as national bodies.

ANSI is seeking U.S. Stakeholders' input on ISO/IEC Guide 59:2019 to help ANSI determine if ANSI should vote revise, reconfirm as is, or withdraw the standard. Anyone wishing to review ISO/IEC Guide 59:2019 can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on **Friday, October 18, 2024.**

Call for comment on ISO/IEC Guide 63:2019

Comment Deadline: October 18, 2024

ISO has initiated a systematic review of ISO/IEC Guide 63:2019 – "Guide to the development and inclusion of aspects of safety in International Standards for medical devices", which has the following scope statement:

This document provides requirements and recommendations to writers of medical device standards on the inclusion of aspects related to safety in International Standards, based on well-established risk management concepts and methodology.
This document is applicable to any aspect related to the safety of people, property, the environment, or a combination of these.
In this document, the term "product" includes a medical device or a system consisting of one or more medical devices, possibly combined with non-medical devices.

ANSI is seeking U.S. Stakeholders' input on ISO/IEC Guide 63:2019 to help ANSI determine if ANSI should vote revise, reconfirm as is, or withdraw the standard. Anyone wishing to review ISO/IEC Guide 63:2019 can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on **Friday, October 18, 2024.**

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 102 – Iron ore and direct reduced iron

Response Deadline: August 23, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 102 – *Iron ore and direct reduced iron*, or any of the active Subcommittees, and therefore ANSI is not a member of these committees. The Secretariats for the committees are held by:
ISO/TC 102 – *Iron ore and direct reduced iron*: Japan (JISC)
ISO/TC 102/SC 1 – *Sampling*: Japan (JISC)
ISO/TC 102/SC 2 – *Chemical analysis*: Australia (SA)
ISO/TC 102/SC 3 – *Physical testing*: Brazil (ABNT)

ISO/TC 102 operates under the following scope:

Standardization in the field of iron ores and direct reduced iron, including terminology and methods of sampling, preparation of samples, moisture determination, size determination, chemical analysis and physical testing.

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

Call for U.S. TAG Administrator

ISO/TC 166 – Ceramic ware, glassware and glass ceramic ware in contact with food

Response Deadline: August 23, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 166 – *Ceramic ware, glassware and glass ceramic ware in contact with food* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by France (AFNOR).

ISO/TC 166 operates under the following scope:

Standardization in the field of colouring materials, i.e. pigments, extenders and dyestuffs, including terminology, product specifications and test methods.

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 186 – Cutlery and table and decorative metal hollow-ware

Response Deadline: August 23, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 186 – *Cutlery and table and decorative metal hollow-ware* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by China (SAC).

ISO/TC 186 operates under the following scope:

Standardization in the field of cutlery, flat-ware and table and decorative metal hollow-ware.

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

Call for U.S. TAG Administrator

ISO/TC 206 – Fine ceramics

Response Deadline: August 23, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 206 – *Fine ceramics* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by Japan (JISC).

ISO/TC 206 operates under the following scope:

Standardization in the field of fine ceramics materials and products in all forms: powders, monoliths, coatings and composites, intended for specific functional applications including mechanical, thermal, chemical, electrical, magnetic, optical and combinations thereof. The term "fine ceramics" is defined as "a highly engineered, high performance, predominantly non-metallic, inorganic material having specific functional attributes." Note: Alternative terms for fine ceramics are advanced ceramics, engineered ceramics, technical ceramics, or high performance ceramics.

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

Call for Members (USNC)

USNC Members Encouraged to Apply – USNC Communications Committee

Individuals who are interested in joining the USNC Communications Committee are encouraged to contact Megan Pahl (mpahl@ansi.org) to sign up! This committee is in the process of developing new training resources and materials for the USNC Education & Training webpage; join today to make an impact.

Scope Overview:
The USNC Communications Committee creates and implements an effective messaging plan in support of USNC activities. The committee develops, implements, and promotes targeted training programs for USNC constituency.

Responsibilities:
The responsibilities of the USNC Communications Committee shall include but are not limited to the following:

- Develop and maintain the list of key messages to be emphasized in USNC communications and trainings
- Communicate USNC news items and initiatives through official USNC and ANSI channels such as newsletters, social media, and training materials
- Develop, conduct, and coordinate trainings and workshops
- Report to the USNC Council at USNC Management Meetings

Meeting Frequency:
The USNC Communications Committee meets three times a year. Additional meetings may be added for specific working groups.

Questions can be directed to Megan Pahl (mpahl@ansi.org).

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4975.
When organization names are submitted to ANSI for registration, they will be listed here alphanumerically. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

Public Review

RadiusXR
Public Review: July 22 to October 22, 2024

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

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

Proposed Foreign Government Regulations

Call for Comment

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

Online Resources:
WTO's ePing SPS&TBT platform: https://epingalert.org/
Register for ePing: https://epingalert.org/en/Account/Registration
WTO committee on Agriculture, Sanitary and Phytosanitary (SPS) measures:
https://www.wto.org/english/tratop_e/sps_e/sps_e.htm
WTO Committee on Technical Barriers to Trade (TBT): https://www.wto.org/english/tratop_e/tbt_e/tbt_e.htm
USA TBT Enquiry Point: https://www.nist.gov/standardsgov/usa-wto-tbt-enquiry-point
Comment guidance:
https://www.nist.gov/standardsgov/guidance-us-stakeholders-commenting-notifications-made-wto-members-tbt-committee
NIST: https://www.nist.gov/
TANC: https://www.trade.gov/office-trade-agreements-negotiation-and-compliance-tanc
Examples of TBTs: https://tcc.export.gov/report_a_barrier/trade_barrier_examples/index.asp.
Report Trade Barriers: https://tcc.export.gov/Report_a_Barrier/index.asp.
USDA FAS: https://www.fas.usda.gov/about-fas
FAS contribution to free trade agreements: https://www.fas.usda.gov/topics/trade-policy/trade-agreements
Tracking regulatory changes: https://www.fas.usda.gov/tracking-regulatory-changes-wto-members
USTR WAMA: https://ustr.gov/trade-agreements/wto-multilateral-affairs/wto-issues/technical-barriers-trade
Contact the USA TBT Enquiry Point at (301) 975-2918; E usatbtep@nist.gov or notifyus@nist.gov.

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by grey highlighting. Rationale Statements are in *red italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI International Standard for Biosafety Cabinetry —

Biosafety Cabinetry: Design, Construction, Performance, and Field Certification

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Normative Annex 4
(formerly Annex D)

Evaluation of chemical resistance and abrasion resistance of surfaces

N-4.1.1 Chemicals
The following chemicals shall be used for resistance testing:
– 1N hydrochloric acid, contact time = 4 hours;
– 1N sodium hydroxide, contact time = 4 hours;
– 1% quaternary ammonium compound, contact time = 4 hours;
– 5% formaldehyde, contact time = 4 hours;
– 5,000 ppm hypochlorite, contact time = 4 hours;
– 2% iodophor, contact time = 4 hours;
– ~~5%~~ 2% phenol, contact time = 2 hours; and
– 70% ethyl alcohol (ethanol), contact time = 4 hours.

N-4.1.2 Method
Chemical spot tests shall be made by applying 10 drops (approximately 0.5 mL) of each reagent to the surface to be tested. Each reagent shall be covered by a watch glass, convex side down, in the center of the puddle, to hold the reagent in place. Reagents shall be allowed to remain on the surface for ~~4 hr~~ contact time specified in N-4.1.1, and tests shall be performed so the testing surface is wet throughout the entire test period. After ~~4 hr~~ contact time specified in N-4.1.1, the surface shall withstand scrubbing with a stiff brush and hot water at 160 °F (71 °C). Samples shall be dried before examination. Surface stains of dyes shall be removed with an alcohol wash before examination.

4.5.2.1 Chemical resistance
Protective coatings shall be resistant to prolonged contact to liquids, cleaning compounds, and procedures. Specifically, the protective coatings used shall be resistant to the following chemicals, when tested in accordance with Annex N-4:

– 1N hydrochloric acid;
– 1N sodium hydroxide;
– 1% quaternary ammonium compound;
– 5% formaldehyde;
– 5,000 ppm hypochlorite;
– 2% iodophor;
– ~~5%~~ 2% phenol; and
– 70% ethyl alcohol (ethanol)

***Rationale**: Chemical compound and contact time data is outdated. This ballot corrects for immediate issues and the newly established Task Group will discuss this information as a whole for a future publication.*

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by grey highlighting. Rationale statements are in *red italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI International Standard for Biosafety Cabinetry —

Biosafety Cabinetry: Design, Construction, Performance, and Field Certification

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5.22 Filters

— HEPA/ULPA filters shall be required for the downflow and exhaust air systems; and

— HEPA/ULPA filters for downflow and exhaust systems shall conform to the materials, construction, and aerosol efficiency requirements of IEST-RP-CC001.5[12] for Type C, Type J, Type K, or Type F filters. Filter media shall be tested in accordance with the methods of IEST-RP-CC021.3[12] with performance levels to meet the minimum efficiency requirements as specified above and the pressure drop requirements as required by the specific application. In addition, HEPA/ULPA filters shall be scan tested for a leakage not to exceed 0.01% when tested in accordance with Section N-1.2.

— HEPA/ULPA filters shall be specified (and considered equivalent) as to:

- Type or grade (i.e. per IEST-RP-CC001.5[12])
- External physical dimensions (width x depth x height)
- Location and description, including the material of the gasketing on the filter
- Presence and description of protective screens
- Other structures on or inside the filter, specifically structural elements and media separator type
- Material and construction of filter frame
- Internal physical dimensions of the media pack unobstructed by potting or sealing media
- Pressure drop across the filter +/- 0.05” w.g. (12.5 Pa) at the rated flow

The cabinet shall be designed to provide accessibility for filter installation, testing, and sealing.

— HEPA/ULPA filters shall be mounted to prevent air bypass of the filters. When required, one or more plugged penetrations shall be located in the plenum upstream of the HEPA/ULPA filters and accessible from under the work surface. In the case of a Type B2 cabinet where the downflow plenum is not contaminated, the sample port may terminate anywhere that is accessible from the front of the cabinet. If a Type B2 cabinet is equipped with an exhaust sample port, that sample

port shall be accessible from under the work surface. Sample ports shall be capped and labeled. The label shall include the purpose of the penetration (upstream aerosol sampling). Sample ports coming from the plenum to the area under the work surface shall have a minimum inside diameter of 1/4 in (6.4 mm). The tube shall be short enough that it cannot break the plane of the sash. These penetrations are used to measure the aerosol concentration upstream of the HEPA/ULPA filters during the HEPA/ULPA filter leak test (see Section 6.3). When the penetration enters a potentially contaminated space, it shall be labeled "Decontaminate Cabinet Before Opening";

— cabinets exhausting into the room shall be provided with a perforated exhaust filter guard (see Figure 9) to prevent damage to the filter and blockage of exhaust air; and

NOTE — An additional airflow sensor may be provided to indicate blockage of exhaust air.

— HEPA/ULPA filter patches shall not exceed 3% of the total face area of the side being patched. The maximum width of any one patch shall not exceed 1.5 in (38 mm).

***Rationale**: This language fully defines the characteristics and specifications of HEPA/ULPA filters used in biosafety cabinets to ensure consistency in performance between initial certification testing and production units produced during the listing period. This language also allows biosafety cabinet manufacturers to source HEPA/ULPA filters from multiple filter manufacturers providing the filter meets every characteristic/specification and all requirements of NSF/ANSI 49. This became an acute problem during COVID and resulted in delays/reduction in shipments of biosafety cabinets to those conducting critical public health work.*

5.3.5.3 An approximation of uniform load rating may be determined by engineering principles from a point load test. See Figure 5.

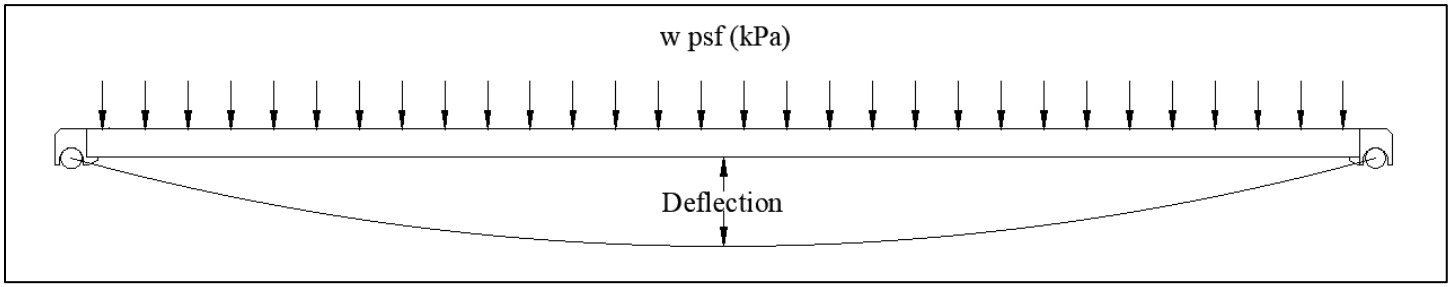


Figure 4

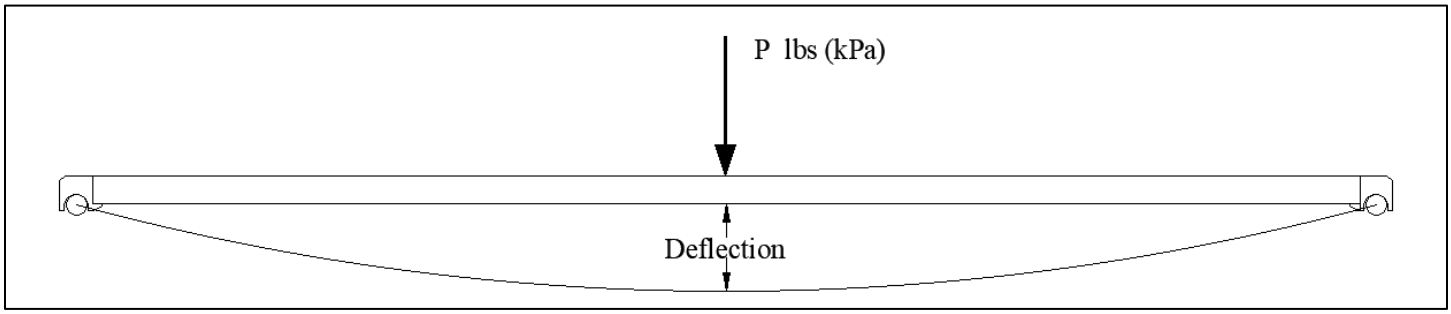


Figure 5

BSR/UL 147A, *Standard for Safety Nonrefillable (Disposable) Type Fuel Gas Cylinder Assemblies*

1. Topic – From the last proposal for UL147A the proposal missed deleting MPS-gas from table 18.1. This proposal is to correct this.

PROPOSAL

18 Fuel Gas Compatibility Test

Table 18.1
Test liquids for nonmetallic materials

Gas in contact with part	Test liquid
Propane	n-Hexane
~~MPS-gas~~	~~MPS-gas~~
Propylene	Propylene

UL 162, Standard for Safety for Foam Equipment and Liquid Concentrates

1. Withdrawal of Proposal: Floor Level Nozzles - Trench/Grate Nozzles

PROPOSAL

If the 2024-04-12 proposal is withdrawn, the current requirements in the standard would remain unchanged as shown below:

(No new paragraph 11.4.4)

Table 11.2
Foam application and duration to burnback ignition for sprinklers

Application [a]	Foam liquid concentrate	Fuel group	Minimum test application density, gpm/ ft^2 (L/min/m^2) [b]	Minimum nominal test pressure, psi (kPa)	Time of foam application, minutes	Duration until burnback ignition, minutes	Minimum design application density, gpm/ft^2 (L/min/m^2)
Foam Water Sprinklers	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.16 (6.5)	30 (207)	5	15	0.16 (6.5) [c]
Sprinkler, Nominal 2.8 K-factor	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.10 (4.1)	29 (200)	5	15	0.16 (6.5) [d]
Sprinkler, Nominal 4.2 K-factor	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.10 (4.1)	13 (90)	5	15	0.16 (6.5) [d]
Sprinkler, Nominal 5.6 K-factor	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.10 (4.1)	7 (48)	5	15	0.16 (6.5) [d]
Sprinkler, Nominal 8.0 K-factor	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.14 (5.7)	7 (48)	5	15	0.22 (9.0) [d]
Sprinkler, Nominal 11.2 K-factor	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.20 (8.2)	7 (48)	5	15	0.32 (13.1) [d]
Sprinkler, Nominal 14.0 K-factor	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.25 (10.2)	7 (48)	5	15	0.40 (16.3) [d]
Sprinkler, Nominal 16.8 K-factor	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.30 (12.3)	7 (48)	5	15	0.48 (19.6) [d]
Sprinkler, Nominal 19.6 K-factor	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.35 (14.3)	7 (48)	5	15	0.56 (22.9) [d]
Sprinkler, Nominal 25.2 K-factor	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.44 (18.0)	7 (48)	5	15	0.70 (28.6) [d]
P – Protein		FFFP – Film Forming Fluoroprotein			SFFF – Synthetic Fluorine Free Foam		

Application [a]	Foam liquid concentrate	Fuel group	Minimum test application density, gpm/ ft^2 (L/min/m^2) [b]	Minimum nominal test pressure, psi (kPa)	Time of foam application, minutes	Duration until burnback ignition, minutes	Minimum design application density, gpm/ft^2 (L/min/m^2)
FP – Fluoroprotein		AFFF – Aqueous Film Forming Foam					

[a] The sprinkler spacing for foam water sprinklers is 10 ft by 10 ft (3.04 m by 3.04 m). The sprinkler spacing for sprinklers other than foam water sprinklers is 12-1/14 ft by 12-1/4 ft (3.73 m by 3.73 m).

[b] The test application density for hydrocarbons shall be the minimum as specified in the table and for polar solvents may vary as specified by the manufacturer; but, not less than the minimum. For sprinklers, the test application density is determined by taking the flow per sprinkler given by the K-factor formula with known nominal K-factor and nominal inlet pressure; and dividing the flow by the area defined by the sprinkler spacing.

[c] For foam water sprinklers, the design application density is 0.16 (6.5) or 1.0 times the test application density, whichever is greater.

[d] For sprinklers other than foam water sprinklers, the design application density is 0.16 (6.5) or 1.6 times the test application density, whichever is greater.

4. Rectify Safety Factor Inconsistencies

PROPOSAL

Table 11.2
Foam application and duration to burnback ignition for sprinklers

Application [a]	Foam liquid concentrate	Fuel group	Minimum test application density, gpm/ ft^2 (L/min/m^2) [b]	Minimum nominal test pressure, psi (kPa)	Time of foam application, minutes	Duration until burnback ignition, minutes	Minimum design application density, gpm/ft^2 (L/min/m^2)
Foam Water Sprinklers	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.16 (6.5) ~~0.10 (4.1)~~	30 (207)	5	15	0.16 (6.5) [cd] ~~[d]~~
Sprinkler, Nominal 2.8 K-factor	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.10 (4.1)	29 (200)	5	15	0.16 (6.5) [d]
Sprinkler, Nominal 4.2 K-factor	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.10 (4.1)	13 (90)	5	15	0.16 (6.5) [d]
Sprinkler, Nominal 5.6 K-factor	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.10 (4.1)	7 (48)	5	15	0.16 (6.5) [d]
Sprinkler, Nominal 8.0 K-factor	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.14 (5.7)	7 (48)	5	15	0.22 (9.0) [d]

Application [a]	Foam liquid concentrate	Fuel group	Minimum test application density, gpm/ ft^2 (L/min/m^2) [b]	Minimum nominal test pressure, psi (kPa)	Time of foam application, minutes	Duration until burnback ignition, minutes	Minimum design application density, gpm/ft^2 (L/min/m^2)
Sprinkler, Nominal 11.2 K-factor	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.20 (8.2)	7 (48)	5	15	0.32 (13.1) [d]
Sprinkler, Nominal 14.0 K-factor	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.25 (10.2)	7 (48)	5	15	0.40 (16.3) [d]
Sprinkler, Nominal 16.8 K-factor	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.30 (12.3)	7 (48)	5	15	0.48 (19.6) [d]
Sprinkler, Nominal 19.6 K-factor	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.35 (14.3)	7 (48)	5	15	0.56 (22.9) [d]
Sprinkler, Nominal 25.2 K-factor	P, FP, FFFP, AFFF, SFFF	Hydrocarbon Polar	0.44 (18.0)	7 (48)	5	15	0.70 (28.6) [d]

P – Protein
FP – Fluoroprotein
FFFP – Film Forming Fluoroprotein
AFFF – Aqueous Film Forming Foam
SFFF – Synthetic Fluorine Free Foam

[a] The sprinkler spacing for foam water sprinklers is 10 ft by 10 ft (3.04 m by 3.04 m). The sprinkler spacing for sprinklers other than foam water sprinklers is 12-1/14 ft by 12-1/4 ft (3.73 m by 3.73 m).

[b] The test application density for hydrocarbons shall be the minimum as specified in the table and for polar solvents may vary as specified by the manufacturer; but, not less than the minimum. For sprinklers, the test application density is determined by taking the flow per sprinkler given by the K-factor formula with known nominal K-factor and nominal inlet pressure; and dividing the flow by the area defined by the sprinkler spacing.

[c] ~~For foam water sprinklers, the design application density is 0.16 (6.5) or 1.0 times the test application density, whichever is greater.~~ For foam water sprinklers, the application density is 0.16 (6.5) or 1.0 times the test application density, but consideration should be given to adding a realistic safety factor to the design rate where lives are at risk and fire escalation risk to other areas is high. Although not specific, it allows the design engineer flexibility to provide a safety factor that is realistic for the specific design situation and actual hazard scenarios being faced, especially where lives are under threat of harm.

[d] For sprinklers other than~~and~~ foam water sprinklers, the design application density is 0.16 (6.5) or 1.6 times the test application density, whichever is greater.

Table 12.1
Foam application and duration to burnback ignition for topside outlets

Application	Foam liquid concentrate	Fuel group	Minimum test application density, gpm/ft^2 (L/min/m^2) [a]	Time of foam application, minutes	Duration until burnback ignition, minutes	Minimum design application density, gpm/ft^2 (L/min/m^2)
Type III, portable discharge outlets	P, FP, FFFP, SFFF	Hydrocarbon	0.06 (2.5)	5	15	0.16 (6.5) [b]
Type III, portable discharge outlets	FFFP, AFFF	Hydrocarbon	0.04 (1.6)	3	9	0.10 (4.1) [c]
Type II fixed discharge outlets	P, FP, FFFP, SFFF	Hydrocarbon	0.06 (2.5)	5	15	0.10 (4.1) [d]
Type II, fixed discharge outlets	FFFP, AFFF	Hydrocarbon	0.04 (1.6)	3	9	~~0.066 (2.65)~~0.10 (4.1) [c]
Type II, fixed discharge outlets	P, FP, FFFP, AFFF, SFFF	Polar	0.06 (2.5)	5	15	~~0.16 (6.5)~~0.10 (4.1) [d~~e~~]

P – Protein
FP – Fluoroprotein
FFFP – Film Forming Fluoroprotein
AFFF – Aqueous Film Forming Foam
SFFF – Synthetic Fluorine Free Foam

[a] The test application density for hydrocarbons shall be the minimum as specified in the table and for polar solvents may vary as specified by the manufacturer, but, not less than the minimum. For discharge outlets, the test application density is determined by dividing the flow by the area of the test pan.

[b] The ~~Type III~~ design application density is 0.16 (6.5) or 2-2/3 times the test application density, whichever is greater.

[c] The ~~AFFF/FFFP Type II~~ design application density is ~~0.066 (2.65)~~0.10 (4.1) or ~~1-2/3~~2-1/2 times the test application density, whichever is greater.

[d] The ~~other foams Type II~~ design application density is 0.10 (4.1) or 1-2/3 times the test application density, whichever is greater.

~~[e] The Polar Solvent fuels Type II design application density is 0.16 (6.5) or 2-2/3times the listed test application density.~~

BSR/UL 1472, Standard for Safety for Solid-State Dimming Controls

1. Addition of Requirements for Push-In Terminal for Grounding in New Paragraph 4.6.1A

PROPOSAL

4.6.1A "Push-in" (i.e. back-wired push-in, stab, stab-in) grounding termination shall not be permitted.

2. Clarification of Requirements for Dimmer Grounding Terminal in Paragraph 4.6.3

PROPOSAL

4.6.3 A grounding/bonding terminal shall be capable of retaining a No. 12 AWG (3.3 mm^2) conductor. The bonding/grounding terminal shall only accept a single grounding conductor and not serve as a connection point for two separate conductors.

Standard: UL 1686
Standard Title: Standard for Safety for Pin and Sleeve Configurations

Date of Proposal: August 9, 2024
Ballots & Comments Due: September 9, 2024

SUMMARY OF TOPICS

The following changes in requirements are being proposed for your review:

1. Revisions to UL 1686 Edition 5.

Need access to the full standard or a standard this proposal references? Click here to learn more about accessing UL and ULC Standards. TC Members can find the latest copy of the standard from the My TCs page in CSDS.

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

1. Revisions to UL 1686 Edition 5.

RATIONALE

Proposal submitted by: Charles Kurten, UL Solutions

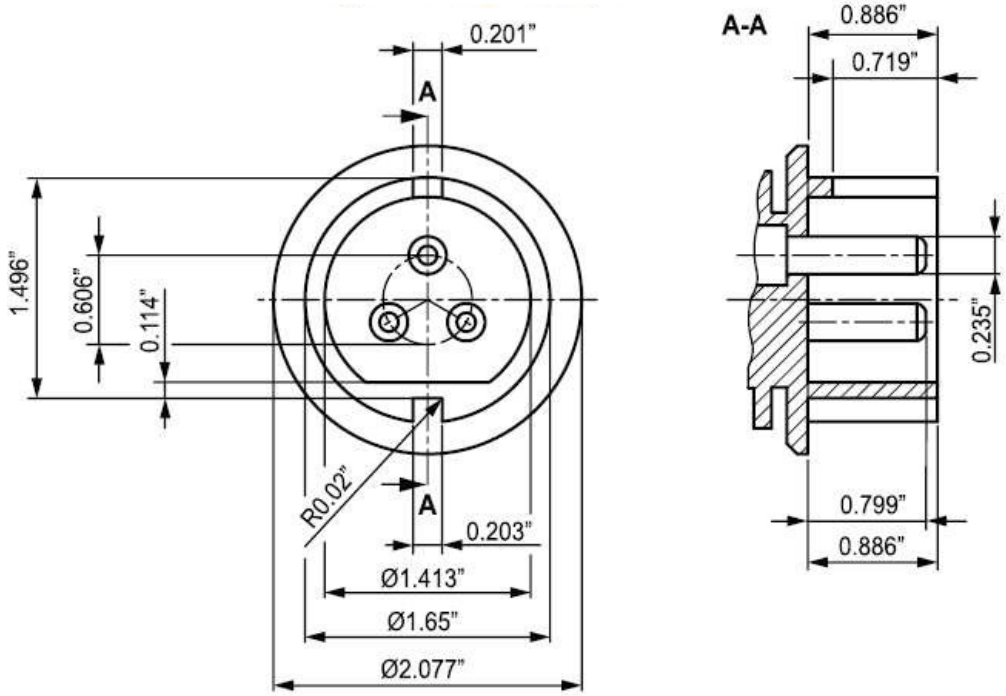
Revisions to UL 1686 to correct the omission of Figures C2.39 and C2.40 and include them in Ed. 5. Also, to revise the reference in clause C2.1.

PROPOSAL

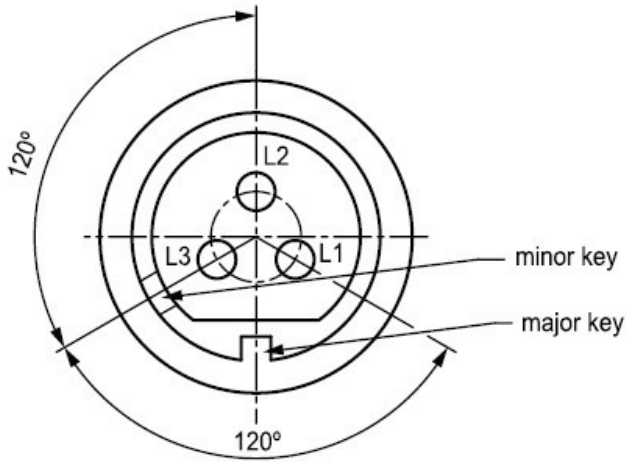
C2.1 Figure C2.1 – Figure C2.~~38~~40 illustrate the configurations for plugs and inlets and for receptacles and connectors of single-rated Pin and Sleeve devices of the IEC 60309-2 type, Series II. The dimensions shown define the features which enable proper mating and mating of devices only with the same service, voltage, and amperage. The plug (or inlet) shroud shall have an external key which mates with a keyway in the receptacle (or connector) cavity. The key/keyway is shown at the bottom of each configuration. The ground contact is located from this point in 30° increments to provide discrete and predetermined contact patterns. The position of the female ground contact, when viewed with the keyway at the 6 o'clock position, is referred to as the "clock" position. There is a designated clock position for each voltage and service.

(NEW FIGURE)

Figure C2.39
Plug or inlet
32/30 Ampere, 3-wire not exceeding 50 V



RATING CONFIGURATIONS
FRONT VIEW - PLUG OR INLET

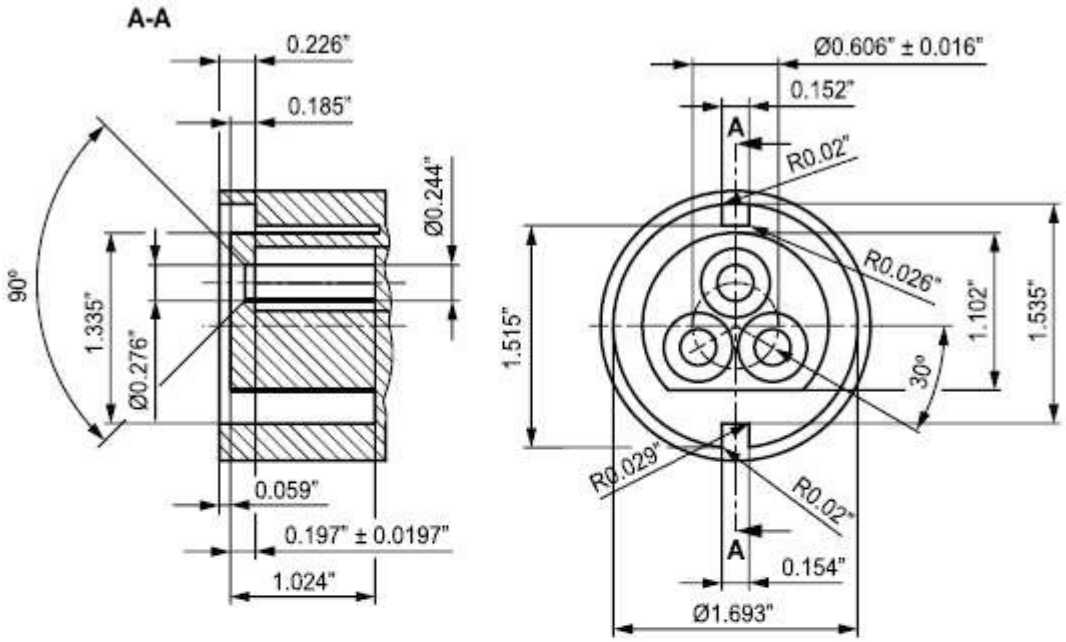


3 P
32 / 30, NOT EXCEEDING 50 VOLTS
4 O'CLOCK

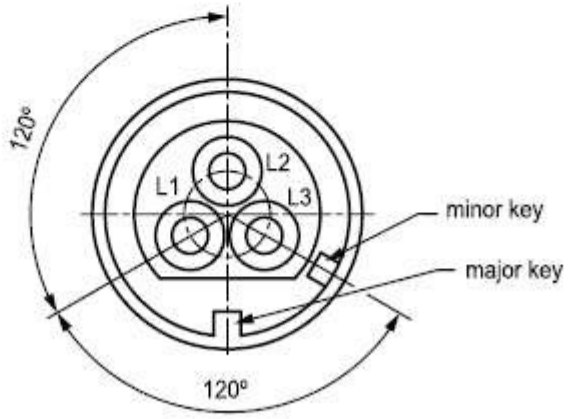
su1638

(NEW FIGURE)

Figure C2.40
Receptacle or connector
32/30 Ampere, 3-wire not exceeding 50 V



RATING CONFIGURATIONS
FRONT VIEW - RECEPTACLE OR CONNECTOR



3 P
32 / 30, NOT EXCEEDING 50 VOLTS
4 O'CLOCK

su1639

BSR/UL 60745-1, Standard for Safety for Hand-Held Motor-Operated Electric Tools – Safety – Part 1: General Requirements

1. Proposed update of reference test oil for adhesive label test for durability.

PROPOSAL

(Proposed revision pertains to the following paragraphs in **8.13DV D1**)

Label Immersion Tests

Six samples of the labels applied to test surfaces as in the intended application shall be placed in a controlled atmosphere maintained at 23.0 ±2.0°C with a 50 ±5 % relative humidity for 24 h. Three samples shall then be immersed in water and three samples immersed in ~~ASTM reference oil No. 3~~ IRM 903 at a temperature of 21.0 ±2.0°C for 48 h in each case.

Note: The properties of ~~ASTM reference oil No. 3~~IRM 903 are defined in ANSI/ASTM D471.