ANSI STANDARDS ACTION

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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 BPR 122-202x, Best Practice Recommendation for Performing Alcohol Calculations in Forensic Toxicology (new standard)

Stakeholders: The forensic toxicology community, law enforcement, attorneys, medicolegal death investigation community, and courts.

Project Need: Ethanol calculations are commonly performed in forensic toxicology, but there is a high degree of variability. This guideline will improve the quality and consistency of this work.

Interest Categories: Academics and Researchers; Jurisprudence and Criminal Justice; Organizations; Producer; User - Government; and User - Non-Government

Scope: This document provides recommendations for performing alcohol (ethanol) calculations, to include retrograde extrapolation, forward estimations, minimum drinks consumed, and other typical situations. Recommendations are also provided for evaluation of post-absorptive stage, various specimen types, population variances, and reporting of calculations.

IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)

Jennifer Santulli; J.Santulli@ieee.org | 445 Hoes Lane | Piscataway, NJ 08854 www.ieee.org

Addenda

BSR C63.10 Amendment 1-202x, Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices (addenda to ANSI C63.10-2020)
Stakeholders: EMC and radio test laboratories, consultants and equipment manufacturers (software designers), laboratory accreditation bodies, government agencies, manufacturers of licensed transmitters, Telecommunication Certification Bodies, Telecommunications Industry Association (TIA) and TCB Council.

Project Need: This amendment will provide updated procedures for measurements of occupied bandwidth, emission bandwidth and ultrawideband equipment for compliance testing and is expected to be used by manufacturers, radio and EMC test laboratories and regulatory authorities.

Interest Categories: EMC and radio test laboratories, consutants and equipment manufacturers (software designers), laboratory accreditation bodies, government agencies, manufacturers of licensed transmitters, Telecommunication Certification Bodies, Telecommunications Industry Association (TIA) and TCB Council.

Scope: Adds procedures for occupied bandwidth and emission bandwidth for devices where the fundamental behaves like a continuous wave signal due to very low modulation characteristics where the current 1-5% Resolution Bandwidth setting requirement cannot be met. Adds guidance for use of absorber material in lieu of sand for Ultrawideband (UWB) ground penetrating radar and Wall-imaging radars Additional updates to methods may be included if it is discovered they are necessary during the amendment drafting process.

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

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

National Adoption

INCITS/ISO 19115-2:2019/AM1:2022 [202x], Geographic information - Metadata - Part 2: Extensions for acquisition and processing - Amendment 1 (identical national adoption of ISO 19115-2:2019/AM1:2022)
Stakeholders: ICT industry.

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

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

Scope: Amendment 1 to ISO 19115-2:2019.

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

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

National Adoption

INCITS/ISO 19135-1:2015/AM1:2021 [202x], Geographic information - Procedures for item registration - Part 1: Fundamentals - Amendment 1 (identical national adoption of ISO 19135-1:2015/AM1:2021)
Stakeholders: ICT industry.

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

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

Scope: Amendment 1 to ISO 19135-1:2015.

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

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

National Adoption

INCITS/ISO 19105:2022 [202x], Geographic information - Conformance and testing (identical national adoption of ISO 19105:2022 and revision of INCITS/ISO 19105:2000 [R2021])
Stakeholders: ICT industry.

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

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

Scope: Specifies the framework, concepts, and methodology for conformance testing and criteria to be achieved to claim conformance to the family of applicable standardization documents regarding geographic information and relevant application domains. This document provides a framework for specifying abstract test suites composed of abstract test cases grouped in conformance classes and for defining the procedures to be followed during conformance testing. Conformance can be claimed for data or software products or services or by specifications including any profile or functional standard.

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

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

National Adoption

INCITS/ISO 19111:2019/AM1:2021 [202x], Geographic information - Referencing by coordinates - Amendment 1 (identical national adoption of ISO 19111:2019/AM1:2021)
Stakeholders: ICT industry.

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

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

Scope: Amendment 1 to ISO 19111:2019.

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

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

National Adoption

INCITS/ISO 19116:2019/AM1:2021 [202x], Geographic information - Positioning services - Amendment 1 (identical national adoption of ISO 19116:2019/AM1:2021)
Stakeholders: ICT industry.

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

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

Scope: Amendment 1 to ISO 19116:2019.

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

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

National Adoption

INCITS/ISO/IEC 2382-37:2022 [202x], Information technology - Vocabulary - Part 37: Biometrics (identical national adoption of ISO/IEC 2382-37:2022 and revision of INCITS/ISO/IEC 2382-37:2017 [2021])
Stakeholders: ICT industry.

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

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

Scope: Establishes a systematic description of the concepts in the field of biometrics pertaining to recognition of human beings. This document also reconciles variant terms in use in pre-existing International Standards on biometrics against the preferred terms, thereby clarifying the use of terms in this field.

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

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

National Adoption

INCITS/ISO/IEC 18033-7:2022 [202x], Information security - Encryption algorithms - Part 7: Tweakable block ciphers (identical national adoption of ISO/IEC 18033-7:2022)
Stakeholders: ICT industry.

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

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

Scope: Specifies tweakable block ciphers. A tweakable block cipher is a family of n-bit permutations parametrized by a secret key value and a public tweak value. Such primitives are generic tools that can be used as building blocks to construct cryptographic schemes such as encryption, Message Authentication Codes, authenticated encryption, etc. A total of five different tweakable block ciphers are defined. They are categorized in Table 1.

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

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National Adoption

INCITS/ISO/IEC 18033-4:2011/AM1:2020 [202x], Information technology - Security techniques - Encryption algorithms - Part 4: Stream ciphers - Amendment 1: ZUC (identical national adoption of ISO/IEC 18033 -4:2011/AM1:2020)
Stakeholders: ICT industry.

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

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

Scope: Amendment 1 to ISO/IEC 18033-4:2011.

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

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

National Adoption

INCITS/ISO/IEC 19785-2:2021 [202x], Information technology - Common Biometric Exchange Formats Framework - Part 2: Biometric registration authority (identical national adoption of ISO/IEC 19785-2:2021 and revision of INCITS/ISO/IEC 19785-2:2006 [R2018]
INCITS/ISO/IEC 19785-2:2006/AM 1:2010 [R2020])
Stakeholders: ICT Industry

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

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

Scope: Describes the identification scheme used by the Biometric Registration Authority (BRA) in preparing, maintaining and publishing registers of identifiers for biometric organizations and biometric objects, and provides a description of BRA responsibilities and services. Procedural requirements and recommendations are not within the scope of this document and are maintained separately on the ISO/IEC JTC 1/SC 37 website.

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

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

National Adoption

INCITS/ISO/IEC 20897-2:2022 [202x], Information security, cybersecurity and privacy protection - Physically unclonable functions - Part 2: Test and evaluation methods (identical national adoption of ISO/IEC 20897 -2:2022)
Stakeholders: ICT industry.

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

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

Scope: Specifies the test and evaluation methods for physically unclonable functions (PUFs). The test and evaluation methods consist of inspection of the design rationale of the PUF and comparison between statistical analyses of the responses from a batch of PUFs or a unique PUF versus specified thresholds.

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

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

National Adoption

INCITS/ISO/IEC 30137-4:2021 [202x], Information technology - Use of biometrics in video surveillance systems - Part 4: Ground truth and video annotation procedure (identical national adoption of ISO/IEC 30137-4:2021)
Stakeholders: ICT industry.

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

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

Scope: Establishes requirements for the annotation of humans, human faces and other body parts, and arbitrary objects appearing in imagery. It specifies the following: metadata to be inserted in a video stream; encoding of full and partial spatial and temporal ground truth information for: objects present in a video, and objects absent in a video; procedures for different annotation of known and unknown subjects.

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

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

National Adoption

INCITS/ISO/IEC 39794-9:2021 [202x], Information technology - Extensible biometric data interchange formats - Part 9: Vascular image data (identical national adoption of ISO/IEC 39794-9:2021)
Stakeholders: ICT industry.

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

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

Scope: Specifies generic extensible data interchange formats for the representation of vascular image data: a tagged binary data format based on an extensible specification in ASN.1 and a textual data format based on an XML schema definition that are both capable of holding the same information, examples of data record contents, application-specific requirements, recommendations, and best practices in data acquisition, and conformance test assertions and conformance test procedures applicable to this document.

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

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

National Adoption

INCITS/ISO/IEC 39794-16:2021 [202x], Information technology - Extensible biometric data interchange formats - Part 16: Full body image data (identical national adoption of ISO/IEC 39794-16:2021)
Stakeholders: ICT industry.

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

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

Scope: To provide a generic extensible full body image data format for biometric recognition applications requiring exchange of human full body image data. Typical applications are: (a) automated body biometric verification and identification of an unknown individual or cadaver (one-to-one as well as one-to-many comparison); (b) support for human verification of identity by comparison of individuals against full body images; and (c) support for human examination of full body images with sufficient resolution to allow a human examiner to verify identity or identify a living individual or a cadaver.

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

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

National Adoption

INCITS/ISO/IEC 39794-17:2021 [202x], Information technology - Extensible biometric data interchange formats - Part 17: Gait image sequence data (identical national adoption of ISO/IEC 39794-17:2021)
Stakeholders: ICT industry.

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

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

Scope: Specifies examples of application-specific requirements, recommendations and best practices in data acquisition applicable to gait image sequence data. Its typical applications include: (a) support for human examination of high-resolution video and still images; (b) support for human biometric verification and identification based on video and still images; (c) automated gait image sequence verification and identification. This document ensures that image sequences are suitable for human identification and human verification generated by video surveillance and other similar systems.

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

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

National Adoption

INCITS/ISO/IEC 21472:2021 [202x], Information technology - Scenario evaluation methodology for user interaction influence in biometric system performance (identical national adoption of ISO/IEC 21472:2021)
Stakeholders: ICT industry.

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

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

Scope: Addresses requirements for planning, executing, and reporting the influence of user interaction on biometric-system performance-based on scenario test methodologies, considering three kinds of factors: (a) factors related to the design, position, or condition of the capture device; (b) factors depending on users and user attributes; and (c) factors depending on the interaction of users with the biometric system.

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

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

National Adoption

INCITS/ISO/IEC 27002:2022 [202x], Information security, cybersecurity and privacy protection - Information security controls (identical national adoption of ISO/IEC 27002:2022 and revision of INCITS/ISO/IEC 27002:2013 [R2019]
INCITS/ISO/IEC 27002:2013/COR 1:2014 [2018]
INCITS/ISO/IEC 27002:2013/COR 2:2015 [2018])
Stakeholders: ICT industry.

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

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

Scope: Provides a reference set of generic information security controls including implementation guidance. This document is designed to be used by organizations: (a) within the context of an information security management system (ISMS) based on ISO/IEC 27001; (b) for implementing information security controls based on internationally recognized best practices; (c) for developing organization-specific information security management guidelines.

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

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

National Adoption

INCITS/ISO/IEC 27013:2021 [202x], Information security, cybersecurity and privacy protection - Guidance on the integrated implementation of ISO/IEC 27001 and ISO/IEC 20000-1 (identical national adoption of ISO/IEC 27013:2021 and revision of INCITS/ISO/IEC 27013:2015 [2018])
Stakeholders: ICT industry.

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

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

Scope: Gives guidance on the integrated implementation of ISO/IEC 27001 and ISO/IEC 20000-1 for organizations intending to: (a) implement ISO/IEC27001 when ISO/IEC 20000-1 is already implemented, or vice-versa; (b) implement both ISO/IEC 27001 and ISO/IEC 20000-1 together; or (c) integrate existing management systems based on ISO/IEC 27001 and ISO/IEC 20000-1.

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

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

National Adoption

INCITS/ISO/IEC 27070:2021 [202x], Information technology - Security techniques - Requirements for establishing virtualized roots of trust (identical national adoption of ISO/IEC 27070:2021)
Stakeholders: ICT industry.

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

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

Scope: Specifies requirements for establishing virtualized roots of trust.

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

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

National Adoption

INCITS/ISO/IEC 27400:2022 [202x], Cybersecurity - IoT security and privacy - Guidelines (identical national adoption of ISO/IEC 27400:2022)
Stakeholders: ICT industry.

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

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

Scope: Provides guidelines on risks, principles and controls for security and privacy of Internet of Things (IoT) solutions.

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

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

National Adoption

INCITS/ISO/IEC 27021:2017/AM1:2021 [202x], Information technology - Security techniques - Competence requirements for information security management systems professionals - Amendment 1: Addition of ISO/IEC 27001:2013 clauses or subclauses to competence requirements (identical national adoption of ISO/IEC 27021:2017/AM1:2021)
Stakeholders: ICT industry.

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

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

Scope: Amendment 1 to ISO/IEC 27021:2017.

NEMA (ASC C37) (National Electrical Manufacturers Association)

Brian Marchionini; brian.marchionini@nema.org | 1300 North 17th Street, Suite 1752 | Arlington, VA 22209 www.nema.org

Revision

BSR C37.54-202X, Standard for Alternating Current High-Voltage Circuit Breakers Applied in Metal-Enclosed Switchgear - Conformance Test Procedures (revision of ANSI C37.54-2003 (R2020))
Stakeholders: Utilities, manufacturers, users, contractors.

Project Need: Major update of the existing standard to current industry practices.

Interest Categories: Producer, government, general interest, testing laboratory, user

Scope: When conformance tests are required, this standard specifies tests to demonstrate that the circuit breaker being tested conforms with the requirements and ratings defined in accordance with IEEE C37.04. The preferred ratings listed are designated values but are not to be considered restrictive; however, the requirements given are restrictive. Conformance testing may be performed in conjunction with the basic design testing, if agreeable to those concerned; however, conformance testing is more likely to be performed to satisfy a special need, sometime after original development. As a requirement of conformance testing, the circuit breaker shall have completed the design testing requirements of IEEE C37.09. If IEEE C37.09 tests have not been previously performed, the tests required by IEEE C37.09 beyond tests described by this standard may be performed concurrently with conformance testing.

SDI (ASC A250) (Steel Door Institute)

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

Revision

BSR A250.13-202x, Testing and Rating of Severe Windstorm Resistant Components for Swinging Door Assemblies for Protection of Building Envelopes (revision of ANSI/SDI/BHMA A250.13-2014 (R2018))
Stakeholders: Manufacturers, building owners, contractors, distributors.

Project Need: The joint sponsors of the standard, SDI and BHMA, recognize that the standard requires specific revisions to make it more palatable not only for manufacturers, but for regional building codes, i.e., the FBC.

Interest Categories: Consumers, Producers, General Interest

Scope: This standard provides procedures for testing and establishing wind load ratings for components of exterior swinging door assemblies, for protection of openings during severe windstorm events.

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 25, 2022

NSF (NSF International)

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

Revision

BSR/NSF 14-202x (i125r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14 -2021)
The physical, performance, and health effects requirements in this standard apply to thermoplastic and thermoset plastic piping system components including, but not limited to, pipes, fittings, valves, joining materials, gaskets, and appurtenances.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: jsnider@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 40-202x (i52r2), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)
This standard contains minimum requirements for residential wastewater treatment systems having rated treatment capacities between 1,514 LPD (400 GPD) and 5,678 LPD (1,500 GPD). Management methods for the treated effluent discharged from residential wastewater treatment systems are not addressed by this standard.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: jsnider@nsf.org

Comment Deadline: September 25, 2022

NSF (NSF International)

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

Revision

BSR/NSF 55-202x (i61r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2021)
This standard covers UV microbiological water treatment systems and components for point-of-use (POU) and point-of-entry (POE) applications. This standard covers systems which use UV radiation within the range of 240 nm to 300 nm inclusive.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: mmilla@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 55-202x (i62r1), Ultraviolet Microbiological Drinking Water Treatment Systems (revision of ANSI/NSF 55-2021)
This standard covers UV microbiological water treatment systems and components for point-of-use (POU) and point-of-entry (POE) applications. This standard covers systems which use UV radiation within the range of 240 nm to 300 nm inclusive.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: mmilla@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 244-202x (i19r1), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2021)
The point-of-use (POU) and point-of-entry (POE) systems addressed by this Standard are designed to be used for the supplemental microbial control of specific organisms that may occasionally be present in drinking water (public or private) because of intermittent incursions. Certain of these specific organisms that may be introduced into the drinking water are considered established or potential health hazards. This Standard establishes requirements for POU and POE drinking water treatment systems, and the materials and components used in these systems.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: mmilla@nsf.org

Comment Deadline: September 25, 2022

NSF (NSF International)

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

Revision

BSR/NSF 245-202x (i33r2), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2020)
This standard contains minimum requirements for residential wastewater treatment systems having rated treatment capacities of 1,514 LPD (400 GPD) to 5,678 LPD (1,500 GPD) that are designed to provide reduction of nitrogen in residential wastewater.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: jsnider@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 350-202x (i75r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)
This standard contains minimum requirements for onsite residential and commercial water reuse treatment systems. Systems include greywater treatment systems; residential wastewater treatment systems; and commercial treatment systems.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: jsnider@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 455-2-202x (i32r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)
This standard is intended to define a standardized approach for auditing to determine the level of compliance of dietary supplement products to 21 CFR Part 111, as well as incorporating additional retailer requirements.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: rbrooker@nsf.org

Comment Deadline: September 25, 2022

NSF (NSF International)

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

Revision

BSR/NSF 455-2-202x (i33r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2022)
This Standard is intended to define a standardized approach for auditing to determine the level of compliance of dietary supplement products to 21 CFR 111 Current Good Manufacturing Practices (GMPs) in Manufacturing, Packaging, Labeling, or Holding Operations for Dietary Supplements as well as incorporating additional retailer requirements. It refers to the requirements for GMP applicable to all dietary supplements. It will assist in the determination of adequate facilities and controls for dietary supplement manufacture with sufficient quality to ensure suitability for intended use.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: rbrooker@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 455-2-202x (i37r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)
This Standard is intended to define a standardized approach for auditing to determine the level of compliance of dietary supplement products to 21 CFR 111 Current Good Manufacturing Practices (GMPs) in Manufacturing, Packaging, Labeling, or Holding Operations for Dietary Supplements as well as incorporating additional retailer requirements. It refers to the requirements for GMP applicable to all dietary supplements. It will assist in the determination of adequate facilities and controls for dietary supplement manufacture with sufficient quality to ensure suitability for intended use.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: rbrooker@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 455-2-202x (i39r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)
This standard is intended to define a standardized approach for auditing to determine the level of compliance of dietary supplement products to 21 CFR Part 111, as well as incorporating additional retailer requirements.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: rbrooker@nsf.org

Comment Deadline: September 25, 2022

TPI (Truss Plate Institute)

2670 Crain Highway, Suite 203, Waldorf, MD 20601 | jpjones@tpinst.org, www.tpinst.org

Revision

BSR/TPI 1-202x, National Design Standard for Metal Plate Connected Wood Truss Construction (revision of ANSI/TPI 1-2014)
The TPI 1 standard establishes minimum requirements for the design and construction of metal plate connected wood trusses. This standard describes the materials used in a truss, both lumber and steel, and design procedures for truss members and joints. Methods for evaluating the metal connector plates, manufacturing quality assurance, and responsibilities in the design process involving metal plate connected wood trusses are also contained in the standard.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: jpjones@tpinst.org

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 231-202x, Standard for Safety for Power Outlets (revision of ANSI/UL 231-2022)
This proposal covers a revision of requirements for Power Outlets with Ground-Fault Circuit-Interrupter Protection. The initial version of this proposal was posted in UL's CSDS for ballot on April 22, 2022.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Derrick Martin; Derrick.L.Martin@ul.org

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 746B-202x, Standard for Safety for Polymeric Materials - Long-Term Property Evaluations (revision of ANSI/UL 746B-2022)
This proposal covers the removal of dated references from ASTM Standards referenced in Paragraph 9.1.1.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Derrick Martin; Derrick.L.Martin@ul.org

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 796F-202x, Flexible Materials Interconnect Constructions (revision of ANSI/UL 796F-2022)
This proposal for UL 796F covers: (1) Clarification of ANSI-like Program Wording for Clause 8.2.2.
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 25, 2022

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 2442-202x, Standard for Wall- and Ceiling-Mounts and Accessories (August 26, 2022) (revision of ANSI/UL 2442-2022)
This proposal covers: (1) Proposed revision of and addition of requirements to allow for mounts or lifts to descend lower than 8 feet above the floor when the equipment is provided with interlock controls that comply with new interlock construction requirements.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx.

Comment Deadline: October 10, 2022

AAMI (Association for the Advancement of Medical Instrumentation)

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

Revision

BSR/AAMI ST24-202x, General-purpose ethylene oxide sterilizers with automated process control and ethylene oxide sterilant sources intended for use in health care facilities (revision of ANSI/AAMI ST24-1999 (R2018))
Covers minimum labeling, safety, performance, and testing requirements for ethylene oxide sterilizers that are intended for general-purpose use in health care facilities and that have automatic controls. It also covers labeling, product composition, and container requirements for ethylene oxide sterilant sources, as well as labeling, performance, safety, and installation requirements for ethylene oxide emission control systems.
Single copy price: Free
Obtain an electronic copy from: jallen@aami.org
Send comments (copy psa@ansi.org) to: Jody Allen, jallen@aami.org

AGMA (American Gear Manufacturers Association)

1001 N Fairfax Street, 5th Floor, Alexandria, VA 22314-1587 | tech@agma.org, www.agma.org

Revision

BSR/AGMA 1012-HXX-202x, Gear Nomenclature, Definition of Terms with Symbols (revision and redesignation of ANSI/AGMA 1012-2005 (R2011))
This standard defines terms relating to the rating and tooth geometry for cylindrical, bevel, hypoid, worms, and face gears. The definitions use illustrations and equations when necessary.
Single copy price: $92.00
Obtain an electronic copy from: tech@agma.org
Order from: tech@agma.org
Send comments (copy psa@ansi.org) to: aboutaleb@agma.org

Comment Deadline: October 10, 2022

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

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

Addenda

BSR/ASHRAE Addendum b to BSR/ASHRAE Standard 140-202x, Method of Test for Evaluating Building Performance Simulation Software (addenda to ANSI/ASHRAE Standard 140-2014)
The purpose of this addendum is to add Software Acceptance Criteria to Standard 140, allowing organizations citing Standard 140 to require the results from software used for their purposes to be within the ranges included in this addendum. This provides those organizations with a measure of the acceptability of a building performance simulation software program based on the tests included in Standard 140.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Order from: standards.section@ashrae.org
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

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

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

New Standard

BSR/ASHRAE Standard 228-202x, Standard Method of Evaluating Zero Net Energy and Zero Net Carbon Building Performance (new standard)
ASHRAE Standard 228-202x sets requirements for evaluating whether a building or group of buildings meets a definition of “zero net energy” or whether those buildings meet a definition of “zero net carbon.” It provides a consistent method of expressing qualifications for zero net energy and zero net carbon buildings associated with the design of new buildings and the operation of existing buildings.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Order from: standards.section@ashrae.org
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

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

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

Revision

BSR/ASHRAE Standard 41.8-202x, Standard Methods for Liquid Flow Measurement (revision of ANSI/ASHRAE Standard 41.8-2016 (R2019))
This revision of Standard 41.8-2016 prescribes methods for liquid flow measurement.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Order from: standards.section@ashrae.org
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

Comment Deadline: October 10, 2022

ECIA (Electronic Components Industry Association)

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

Revision

BSR/EIA 364-34A-202x, Ambient Condensation - Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-34-2012 (R2017))
This standard establishes test methods for the evaluation of connectors and sockets as they are influenced by the effects of high condensing humidity and heat.
Single copy price: $78.00
Obtain an electronic copy from: global.ihs.com
Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com
Send comments (copy psa@ansi.org) to: emikoski@ecianow.org

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

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

Revision

BSR/ASSE Series 21000-202x, Professional Qualifications Standard for Rainwater Catchment Systems Personnel (revision of ANSI/ASSE Series 21000-2017)
This standard applies to an individual who installs rainwater catchment systems. The purpose of this standard is to provide minimum performance criteria, identified by industry consensus, for rainwater catchment system installers.
Single copy price: Free
Obtain an electronic copy from: marianne.waickman@asse-plumbing.org
Send comments (copy psa@ansi.org) to: marianne.waickman@asse-plumbing.org

IAPMO (International Association of Plumbing & Mechanical Officials)

4755 East Philadelphia Street, Ontario, CA 91761-2816 | gaby.davis@iapmo.org, www.iapmo.org

Revision

BSR/IAPMO UMC 1-2024-202x, Uniform Mechanical Code (revision of ANSI/IAPMO UMC 1-2021)
This code provides minimum standards to safeguard life or limb, health, property, and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation, and maintenance or use of heating, ventilating, cooling, refrigeration systems, incinerators, and other miscellaneous heat-producing appliances. The provisions of this code apply to the erection, installation, alteration, repair, relocation, replacement, addition to, use or maintenance of mechanical systems.
Single copy price: $10.00
Obtain an electronic copy from: Hugo.Aguilar@iapmo.org
Order from: Hugo.Aguilar@iapmo.org
Send comments (copy psa@ansi.org) to: Gabriella Davis, gaby.davis@iapmo.org

Comment Deadline: October 10, 2022

IAPMO (International Association of Plumbing & Mechanical Officials)

4755 East Philadelphia Street, Ontario, CA 91761-2816 | gaby.davis@iapmo.org, www.iapmo.org

Revision

BSR/IAPMO UPC 1-2024-202x, Uniform Plumbing Code (revision of ANSI/IAPMO UPC 1-2021)
This code provides minimum standards and requirements to safeguard life or limb, health, property, and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation, and maintenance or use of plumbing systems. The provisions of this code apply to the erection, installation, alteration, repair, relocation, addition to, and use or maintenance of plumbing systems.
Single copy price: $10.00
Obtain an electronic copy from: Hugo.Aguilar@iapmo.org
Order from: Hugo.Aguilar@iapmo.org
Send comments (copy psa@ansi.org) to: Gabriella Davis, gaby.davis@iapmo.org

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

1055 Crupper Avenue, Columbus, OH 43229-1183 | NBICSecretary@nbbi.org, www.nationalboard.org

Revision

BSR/NBBPVI NB-23-202x, The National Board Inspection Code (revision of ANSI/NB-23 2021 Edition-2021)
The National Board Inspection Code (NBIC) provides standards for the installation, inspection, and repair and/or alteration of boilers, pressure vessels, and pressure relief devices.
Single copy price: Free
Obtain an electronic copy from: https://www.nationalboard.org/Index.aspx?pageID=4&ID=14
Send comments (copy psa@ansi.org) to: NBICSecretary@nbbi.org

NFPA (National Fire Protection Association)

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

NFPA FIRE PROTECTION STANDARDS DOCUMENTATION
The National Fire Protection Association announces the availability of the NFPA Second Draft Report for concurrent review and comment by NFPA and ANSI. This Second Draft Report contains the disposition of public comment(s) that were received for this standard in the ERRS Group 2 (Fall 2022) Revision Cycle (available for review on the next edition tab for each standard). All Notices of Intent to Make A Motion on the ERRS Group 2 (Fall 2022) Revision Cycle Second Draft Report must be received by the following date: September 9, 2022.
For more information on the rules and deadlines for NFPA standards in cycle, please check the NFPA website (www.nfpa.org) or contact Standards Administration at NFPA. Those who submit comments to NFPA's online submission system on the ERRS Group 2 (Fall 2022) Revision Cycle Standards are invited to copy ANSI's Board of Standards Review.

Revision

BSR/NFPA 1900-202x, Standard for Aircraft Rescue and Firefighting Vehicles, Automotive Fire Apparatus, Wildland Fire Apparatus, and Automotive Ambulances (revision, redesignation and consolidation of ANSI/NFPA 414-2020, ANSI/NFPA 1901-2016, ANSI/NFPA 1906-2016, ANSI/NFPA 1917-2019)
This standard defines the minimum requirements for the design, performance, acceptance criteria, and testing of new automotive fire apparatus and trailers, wildland apparatus, aircraft rescue and firefighting apparatus, and automotive and remounted ambulances.
Obtain an electronic copy from: www.nfpa.org/1900Next
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 10, 2022

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 38-1-2017 (R202x), Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-PROPERTY-MIB Management Information Base (MIB) - Definition (reaffirmation of ANSI/SCTE 38-1-2017)
This document defines the "properties" that may be associated with each parameter in HMS MIBs.
Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: Global Engineering Documents
Send comments (copy psa@ansi.org) to: admin@standards.scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 38-2-2017 (R202x), Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-ALARMS-MIB Management Information Base (MIB) - Definition (reaffirmation of ANSI/SCTE 38-2-2017)
This document defines the historical list of alarms detected by the transponder, as well as the SNMP trap generated for these alarms.
Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: Global Engineering Documents
Send comments (copy psa@ansi.org) to: admin@standards.scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 38-3-2017 (R202x), Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-COMMON-MIB Management Information Base (MIB) - Definition (reaffirmation of ANSI/SCTE 38-3-2017)
This document defines common information about NEs. This includes administrative information such as name, ID, model number, serial numbers vendor, and location; health indicators such as status and service state; and functional information such as power level and frequency range.
Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: Global Engineering Documents
Send comments (copy psa@ansi.org) to: admin@standards.scte.org

Comment Deadline: October 10, 2022

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 38-4-2017 (R202x), Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-PS-MIB Management Information Base (MIB) -Definition (reaffirmation of ANSI/SCTE 38-4-2017)
This document defines information commonly available from HFC power supplies. Its structure permits multiple power supplies to be monitored by a single transponder.
Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: Global Engineering Documents
Send comments (copy psa@ansi.org) to: admin@standards.scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 84-1-2017 (R202x), HMS Common Inside Plant Management Information Base (MIB) - Part 1: SCTE-HMS-HE-COMMON-MIB (reaffirmation of ANSI/SCTE 84-1-2017)
The MIB module is for representing general information about optical equipment present in the headend (or indoor) and is supported by an SNMP agent.
Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: Global Engineering Documents
Send comments (copy psa@ansi.org) to: admin@standards.scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 84-3-2017 (R202x), HMS Inside Plant Management Information Base (MIB) - Part 3: SCTE-HMS-HE-FAN-MIB (reaffirmation of ANSI/SCTE 84-3-2017)
This document provides the branch object identifiers for each of the Fan MIBs within the SCTE HMS Tree.
Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: Global Engineering Documents
Send comments (copy psa@ansi.org) to: admin@standards.scte.org

Comment Deadline: October 10, 2022

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 135-5-202x, DOCSIS 3.0 Part 5: Cable Modem to Customer Premise Equipment Interface (revision of ANSI/SCTE 135-5-2017)
This interface specification is one of a family of interface specifications designed to facilitate the implementation of data services over Hybrid Fiber-Coax (HFC) cable networks, as well as over coaxial-only cable networks. Figure 5-1 provides the context for this specification in relation to the data over cable reference architecture and the other interface specifications in the family. This specification defines the interface requirements for data over cable services between a cable modem and the customer premise equipment (CPE).
Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: Global Engineering Documents
Send comments (copy psa@ansi.org) to: admin@standards.scte.org

SPRI (Single Ply Roofing Industry)

465 Waverley Oaks Road, Suite 421, Waltham, MA 02452 | info@spri.org, www.spri.org

Reaffirmation

BSR/SPRI/IIBEC NT-1 (R202x), Detection and Location of Latent Moisture in Building Roofing Systems by Nuclear Radioisotopic Thermalization (reaffirmation and redesignation of ANSI/SPRI/RCI NT-1-2012 (R2017))
This standard shall apply to all roofing moisture surveys conducted using nuclear moisture gauges. It shall address: the effect of roof construction, material differences and roof conditions on the performance of the nuclear gauge; limitations in the use of radioisotopic inspection; the governmental control of the equipment used to conduct nuclear moisture surveys; and operating procedures, operator qualifications, verification, and reporting procedures.
Single copy price: Free
Obtain an electronic copy from: info@spri.org
Order from: info@spri.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

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

New Standard

BSR/TAPPI T 413 om-202x, Ash in wood, pulp, paper and paperboard:combustion at 900°C (new standard)
This method for detemination of ash can be applied to all types of wood, pulp, paper, and paperboard.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 10, 2022

TAPPI (Technical Association of the Pulp and Paper Industry)

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

New Standard

BSR/TAPPI T 519 om-202x, Diffuse opacity of paper (d/0 paper backing) (new standard)
This method provides a measure of diffuse opacity (paper backing) of white and near-white papers, previously known as “printing opacity.”
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

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

New Standard

BSR/TAPPI T 525 om-202x, Diffuse brightness of paper, paperboard and pulp (d/0) - ultraviolet level C (new standard)
This method is for the determination of the brightness of white, near-white,and naturally colored pulp, paper, and paperboard. Brightness is a commonly used industry term for the numerical value of the reflectance factor of a sample with respect to blue light of specific spectral and geometric characteristics. This method requires an instrument employing diffuse illumination and 0° viewing geometry.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

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

New Standard

BSR/TAPPI T 534 om-202x, Brightness of clay and other mineral pigments (d/0 diffuse) (new standard)
This method describes a procedure for determining the brightness of clay and other mineral pigment that has been pulverized under controlled conditions and made into uniformly compacted pigment plaques. This method is for use with minerals normally used in the manufacture of paper and is not intended for highly colored pigments.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 10, 2022

TAPPI (Technical Association of the Pulp and Paper Industry)

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

New Standard

BSR/TAPPI T 578 sp-202x, Accelerated light aging of printing and writing paper by xenon-arc exposure apparatus (new standard)
This standard practice describes a laboratory procedure for the exposure of printing and writing paper to xenon-arc light at elevated levels of light flux to permit accelerated aging of that type of paper.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

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

New Standard

BSR/TAPPI T 581 om-202x, Dry tensile properties of paper towel and tissue products (using constant rate of elongation apparatus) (new standard)
This method describes the procedure for determining dry tensile strength, peak stretch, tensile energy absorption of paper towel and tissue products using a constant-rate-of elongation apparatus.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

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

New Standard

BSR/TAPPI T 600 om-202x, Analysis of formaldehyde in aqueous solutions and of free formaldehyde in resins (new standard)
This method is for the analysis of the formaldehyde content of aqueous solutions of the gas.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 10, 2022

TAPPI (Technical Association of the Pulp and Paper Industry)

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

New Standard

BSR/TAPPI T 653 om-202x, Specular gloss of paper and paperboard at 20 degrees (new standard)
This method is for the measurement of the specular gloss of high-gloss papers at 20° (70° from the plane of the paper).
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

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

New Standard

BSR/TAPPI T 802 om-202x, Drop test for fiberboard shipping containers (new standard)
This method describes procedures for determining the ability of fiberboard containers to protect their contents and/or to withstand impact in free-fall drops. These procedures are specifically designed for controlled drop testing of solid fiber or corrugated shipping containers
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

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

New Standard

BSR/TAPPI T 810 om-202x, Bursting strength of corrugated board (new standard)
This method describes a procedure for measuring the bursting strength of single-wall and double-wall corrugated board within the range of 690 kPa (100 psi) to 4825 kPa (700 psi) employing an instrument which uses a disk-shaped molded diaphragm.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 10, 2022

TAPPI (Technical Association of the Pulp and Paper Industry)

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

New Standard

BSR/TAPPI T 822 om-202x, Ring crush of paperboard (rigid support method) (new standard)
The ring crush test correlates with edgewise compression strength of paperboard (1,2). This method was originally developed for paperboard between 0.28 mm (0.011 in.) and 0.61 mm (0.024 in.) thick. It may be used with higher variability for paperboard as thin as 0.18 mm (0.007 in.) and as thick as 0.76 mm (0.030 in.). A significant fraction of the paper in use in the industry now falls below the 0.28 mm (0.011 in.) value.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

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

New Standard

BSR/TAPPI T 1214 sp-202x, Interrelation of reflectance, R0; reflectivity, R; TAPPI opacity, C0.89; scattering, s; and absorption, k (new standard)
The following interrelationships will be found particularly useful in predicting the effect upon opacity of a change in either the basis weight or the reflectivity of a sheet of paper. They can also be used to evaluate relative contributions of different pulps, fillers and pigments to optical properties. Extensions of these procedures that are cited in the references can be used to evaluate multilayer structures such as coated paper or coated board.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Brittaney Lovett, Standards@tappi.org

TAPPI (Technical Association of the Pulp and Paper Industry)

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

New Standard

BSR/TAPPI T 1219 sp-202x, Storage of paper samples for optical measurements and color matching (new standard)
Procedures for handling and storing samples are generally based on the premise that heat and light are the two primary factors affecting change.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Brittaney Lovett, Standards@tappi.org

Comment Deadline: October 10, 2022

TAPPI (Technical Association of the Pulp and Paper Industry)

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

Reaffirmation

BSR/TAPPI T 212 om-2012 (R202x), One percent sodium hydroxide solubility of wood and pulp (reaffirmation of ANSI/TAPPI T 212 om-2012 (R2018))
This method for determination of 1% sodium hydroxide solubility can be applied to wood and to unbleached and bleached pulp.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

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

Reaffirmation

BSR/TAPPI T 262 sp-2012 (R202x), Preparation of mechanical pulps for testing (reaffirmation of ANSI/TAPPI T 262 sp-2012 (R2018))
This practice describes a procedure for the preparation of mechanical pulps prior to physical testing.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

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

Reaffirmation

BSR/TAPPI T 419 om-2018 (R202x), Starch in paper (reaffirmation of ANSI/TAPPI T 419 om-2018)
This method describes the qualitative and the quantitative determination of unmodified starches and starches modified only by conventional oxidation techniques or enzyme conversion, which are used for beater addition or surface sizing.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 10, 2022

TAPPI (Technical Association of the Pulp and Paper Industry)

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

Reaffirmation

BSR/TAPPI T 464 om-2012 (R202x), Water vapor transmission rate of paper and paperboard at high temperature and humidity (reaffirmation of ANSI/TAPPI T 464 om-2012 (R2018))
This method is for the gravimetric determination of the water vapor transmission rate (WVTR) of sheet materials at 37.8°C (100°F) with an atmosphere of 90% RH on one side and a desiccant on the other
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

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

Reaffirmation

BSR/TAPPI T 536 om-2018 (R202x), Resistance of paper to passage of air (high-pressure Gurley method) (reaffirmation of ANSI/TAPPI T 536 om-2018)
This method is used to measure the air resistance of approximately 6.4 sq. cm. (1 sq. in.) circular area of paper using a pressure differential of approximately 3 kPa. The recommended range of this instrument is for papers that require 10 or more seconds for 10 mL of air to pass through. Refer to the manufacturer's instructions for the upper range limits. For more permeable papers, other techniques are preferable. Instruments are available with automatic timing devices.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

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

Reaffirmation

BSR/TAPPI T 821 om-2012 (R202x), Pin adhesion of corrugated board by selective separation (reaffirmation of ANSI/TAPPI T 821 om-2012)
This method is used to measure the force required to separate corrugated board between the flute tips of corrugated medium and its linerboard facings.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 10, 2022

TAPPI (Technical Association of the Pulp and Paper Industry)

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

Reaffirmation

BSR/TAPPI T 1006 sp-2010 (R202x), Testing of fiber glass mats: Use of modified TAPPI procedures for sampling and lot acceptance, stiffness, tear resistance, and thickness (reaffirmation of ANSI/TAPPI T 1006 sp-2010)
The purpose of this standard practice is to list existing TAPPI test methods which provide procedures for sampling and lot acceptance, stiffness, tear resistance, and thickness, and to suggest modifications to these methods for use in the sampling and testing of fiber glass mats.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

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

Reaffirmation

BSR/TAPPI T 1007 sp-2015 (R202x), Sample location for fiber glass mat sheets (reaffirmation of ANSI/TAPPI T 1007 sp-2015)
This practice covers the location from which samples are taken from a sheet of fiber glass as a sample test unit for physical property determination.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

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

Reaffirmation

BSR/TAPPI T 1013 om-2010 (R202x), Loss on ignition of fiber glass mats (reaffirmation of ANSI/TAPPI T 1013 om-2010)
This method covers the determination of the percent loss on ignition of fiber glass mats. This ignition loss can be considered to be the binder content.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 10, 2022

TAPPI (Technical Association of the Pulp and Paper Industry)

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

Revision

BSR/TAPPI T 236 om-202x, Kappa number of pulp (revision of ANSI/TAPPI T 236 om-2013)
This kappa number standard applies to many kinds of chemical, semi-chemical, unbleached and semi-bleached pulps within the kappa number range 1 to 100. Above a kappa number of 100, precision of the test may decrease, and the relationship between kappa number and lignin content may decrease, depending mainly upon the wood species from which the pulp is made.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

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

Revision

BSR/TAPPI T 274 sp-202x, Laboratory screening of pulp (Master Screen-type instrument) (revision of ANSI/TAPPI T 274 sp-2013)
A general-purpose practice for screening pulp using a specific screening device is described, which separates from a slurry of pulp fibers a contaminant fraction with size dimensions which are significantly greater than the diameter of a pulp fiber.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

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

Revision

BSR/TAPPI T 403 om-202x, Bursting strength of paper (revision of ANSI/TAPPI T 403 om-2015)
This test method describes the measurement of the bursting strength of paper.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 10, 2022

TAPPI (Technical Association of the Pulp and Paper Industry)

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

Revision

BSR/TAPPI T 421 om-202x, Qualitative (including optical microscopic) analysis of mineral filler and mineral coating of paper (revision of ANSI/TAPPI T 421 om-2012)
This method describes procedures which may be used for the qualitative determination and identification of the mineral constituents of filled and coated papers.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

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

Revision

BSR/TAPPI T 449 om-202x, Bacteriological examination of paper and paperboard (revision of ANSI/TAPPI T 449 om-2014)
The following procedure is recommended for the bacteriological examination of paper and paperboard intended for use as single service containers and closures for dairy products. Because of the exacting technique required in bacteriological procedures, reproducible results can be obtained only by a trained technician. All tests should be performed under the appropriate laboratory conditions to ensure quality assurance and safety.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

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

Revision

BSR/TAPPI T 832 om-202x, Water absorption of corrugating medium: Float curl method (revision of ANSI/TAPPI T 832 om-2012)
The water absorptivity of corrugating medium is measured by floating a specimen on the surface of a vessel of water and determining the time for the specimen to become saturated.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 10, 2022

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 2251-202x, Standard for Safety for Plugs, Receptacles, and Couplers for Electric Vehicles (revision of ANSI/UL 2251-2017)
(1) Elimination of pin engagement lengths;
(2) Revision to the scope and increase of voltage limits;
(3) Addition of option for active cooling and dynamic control of output current;
(4) Clarification of ground conductor sizing;
(5) Clarification of dielectric strength and humidity/isolation resistance/dielectric test series;
(6) Correction of metric value;
(7) Clarification and revision for allowance of lower ambient temperature exposure;
(8) Clarification of the test to allow the use of manufacturer's ambient temperature ratings;
(9) Clarification to the short circuit test;
(10) Editorial change to correct references;
(11) Temperature test clarification for products with a manufacturer's recommended ambient above 40°C;
(12) Harmonization of ANCE NMX-J-678/CSA C22.2 No. 282/UL 2251 and IEC thermal cycling tests;
(13) Revision to the overload test;
(14) Addition of reference to UL 969A for alternate cord tag requirements.
Single copy price: Free
Obtain an electronic copy 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/Home/ProposalsDefault.aspx.

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062-2096 | alan.t.mcgrath@ul.org, https://ul.org/

Revision

BSR/UL 60730-2-3-202X, Standard for Automatic Electrical Controls for Household and Similar Use - Part 2: Particular Requirements for Thermal Protectors for Ballasts for Tubular Fluorescent Lamps (revision of ANSI/UL 60730-2-3-2013 (R2022))
Add a new national deviation to 1.1 to add a reference to UL 8750. Add a new national deviation to the second paragraph of 1.1 to add a reference to the ANSI immunity standards instead of the IEC immunity standards.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: https://www.shopulstandards.com/Default.aspx
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: October 25, 2022

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME Y14.47-202x, Model Organization Practices (revision of ANSI/ASME Y14.47-2019)
This Standard establishes a framework for organizing a three-dimensional (3D) model and other associated information within the context of a product definition data set, hereafter referred to as data set, for the purpose of conveying a product definition that enables a model-based enterprise (MBE). This Standard contains no requirements pertaining to drawing graphic sheets. The framework defines a common practice to improve design productivity and to deliver consistent data content and structure to consumers of the data to facilitate common exchange interfaces.
Single copy price: Free
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Fredric Constantino; constantinof@asme.org

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062-2096 | Susan.P.Malohn@ul.org, https://ul.org/

National Adoption

BSR/UL 62790-202x, Standard for Junction Boxes for Photovoltaic Modules - Safety Requirements and Tests (national adoption with modifications of IEC 62790)
(1) First edition of the UL IEC-Based Standard for Junction Boxes for Photovoltaic Modules - Safety Requirements and Tests, UL 62790.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
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/Home/ProposalsDefault.aspx.

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 448-202x, Standard for Centrifugal Stationary Pumps for Fire-Protection Service (August 26, 2022) (revision of ANSI/UL 448-2020)
This proposal covers: (1) In-line pumps with electric motor shaft attached to pump impeller.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx.

Technical Reports Registered with ANSI

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

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

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

New Technical Report

INCITS/ISO/IEC TR 23951:2020 [2022], Information technology - Cloud computing - Guidance for using the cloud SLA metric model, a Technical Report prepared by INCITS and registered with ANSI (technical report)
The scope of this document is to describe guidance for using the ISO/IEC 19086-2 metric model, illustrated with examples.
Single copy price: $88.00
Order from: ANSI

Withdrawal of Technical Reports Registered with ANSI

Withdrawal of a Technical Report that is registered with ANSI is determined by the responsible ANSI-Accredited Standards Developer. The following Technical Reports are hereby withdrawn in accordance with the Developers own procedures.

NASBLA (National Association of State Boating Law Administrators)

1020 Monarch Street, Suite 200, Lexington, KY 40513 | pam@nasbla.org, www.nasbla.org

ESP TR 101-2018, Technical Report - Basic Boating Knowledge - Human Propelled
Direct inquiries to: Pamela Dillon; pam@nasbla.org

NASBLA (National Association of State Boating Law Administrators)

1020 Monarch Street, Suite 200, Lexington, KY 40513 | pam@nasbla.org, www.nasbla.org

ESP TR 103-2018, Technical Report - Basic Boating Knowledge - Power
Direct inquiries to: Pamela Dillon; pam@nasbla.org

Final Actions on American National Standards

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

AISC (American Institute of Steel Construction)

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

Revision

ANSI/AISC 358-2022, Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications (revision, redesignation and consolidation of ANSI/AISC 358-2016, ANSI/AISC 358-S1-2018, ANSI/AISC 358-S2-2020) Final Action Date: 8/18/2022

API (American Petroleum Institute)

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

New Standard

ANSI/API RP 1162-2022, Public Awareness Programs for Pipeline Operators (new standard) Final Action Date: 8/19/2022

ASME (American Society of Mechanical Engineers)

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

Revision

ANSI/ASME NM.1-2022, Thermoplastic Piping Systems (revision of ANSI/ASME NM.1-2020) Final Action Date: 8/18/2022

Revision

ANSI/ASME PCC-1-2022, Standard for Pressure Boundary Bolted Flange Joint Assembly (revision of ANSI/ASME PCC-1-2019) Final Action Date: 8/18/2022

ASTM (ASTM International)

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

Revision

ANSI/ASTM F1045-2022, Performance Specification for Ice Hockey Helmets (revision of ANSI/ASTM F1045-2016) Final Action Date: 8/16/2022

Revision

ANSI/ASTM F1898-2022, Specification for Helmets for Non-Motorized Wheeled Vehicles Used by Infants and Toddlers (revision of ANSI/ASTM F1898-2015) Final Action Date: 8/16/2022

Revision

ANSI/ASTM F1952-2022, Specification for Helmets Used for Downhill Mountain Bicycle Racing (revision of ANSI/ASTM F1952-2015) Final Action Date: 8/16/2022

Revision

ANSI/ASTM F2032-2022, Specification for Helmets Used for BMX Cycling (revision of ANSI/ASTM F2032-2015) Final Action Date: 8/16/2022

ASTM (ASTM International)

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

Revision

ANSI/ASTM F2876-2022, Practice for Thermal Rating and Installation of Internal Combustion Engine Packages for Use in Hazardous Locations in Marine Applications (revision of ANSI/ASTM F2876-2010 (R2015)) Final Action Date: 8/16/2022

AWPA (ASC O5) (American Wood Protection Association)

P.O. Box 361784, Birmingham, AL 35236-1784 | email@awpa.com, www.awpa.com

Revision

ANSI O5.1-2022, Wood Poles: Specifications & Dimensions (revision of ANSI O5.1-2017) Final Action Date: 8/18/2022

AWS (American Welding Society)

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

New Standard

ANSI/AWS C6.3M/C6.3-2023, Recommended Practice for Friction Stir Welding (new standard) Final Action Date: 8/18/2022

AWWA (American Water Works Association)

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

Revision

ANSI/AWWA F110-2022, Ultraviolet Disinfection Systems for Drinking Water (revision of ANSI/AWWA F110-2016) Final Action Date: 8/18/2022

Revision

ANSI/AWWA G440-2022, Emergency Preparedness Practices (revision of ANSI/AWWA G440-2017) Final Action Date: 8/18/2022

ECIA (Electronic Components Industry Association)

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

Revision

ANSI/EIA 198-3-10-2022, Multilayer (Monolithic), Unencapsulated, Ceramic Dielectric, Surface-Mount Low Induction Chip Capacitors and Multi-Terminal Low Induction Capacitors (revision of ANSI/EIA 198-3-10-2015) Final Action Date: 8/18/2022

Revision

ANSI/EIA 364-15D-2022, Contact Strength Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-15C-2016) Final Action Date: 8/18/2022

Revision

ANSI/EIA 364-82B-2022, Corrosivity of Plastics Test Procedure for Electrical Connector and Socket Housings (revision and redesignation of ANSI/EIA 364-82A-2005 (R2017)) Final Action Date: 8/18/2022

EOS/ESD (ESD Association, Inc.)

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

New Standard

ANSI/ESD SP5.3.4-2022, ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing - Charged Device Model (CDM) Testing - Component Level - Capacitively Coupled - Transmission Line Pulsing as an Alternative CDM Characterization Method (new standard) Final Action Date: 8/18/2022

Reaffirmation

ANSI/ESD SP5.4.1-2018 (R2022), ESD Association Standard Practice for Latch-up Sensitivity Testing of CMOS/BiCMOS Integrated Circuits Transient Latch-up Testing Device Level (reaffirmation of ANSI/ESD SP5.4.1 -2018) Final Action Date: 8/18/2022

LES (Licensing Executives Society (U.S. and Canada))

11130 Sunrise Valley Drive, Suite 350, Reston, VA 20191 | alexandra.l.rehmeier@boeing.com, www.les.org

New Standard

ANSI/LES ICBR Version 1.0-2022, Intellectual Capital in the Boardroom (new standard) Final Action Date: 8/15/2022

NSF (NSF International)

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

Revision

ANSI/NSF 53-2022 (i125r3), Drinking Water Treatment Units - Health Affects (revision of ANSI/NSF 53-2021) Final Action Date: 8/8/2022

Revision

ANSI/NSF 58-2022 (i90r3), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2021) Final Action Date: 8/8/2022

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062-2096 | alan.t.mcgrath@ul.org, https://ul.org/

National Adoption

ANSI/UL 60730-2-5-2022, Standard for Automatic electrical controls - Part 2-5: Particular requirements for automatic electrical burner control systems (identical national adoption of IEC 60730-2-5 and revision of ANSI/UL 60730-2-5-2014) Final Action Date: 7/29/2022

New Standard

ANSI/UL 498B-2022, Standard for Safety for Receptacles with Integral Switching Means (new standard) Final Action Date: 8/19/2022

Revision

ANSI/UL 705-2022, Standard for Safety for Power Ventilators (revision of ANSI/UL 705-2021) Final Action Date: 8/19/2022

VITA (VMEbus International Trade Association (VITA))

929 W. Portobello Avenue, Mesa, AZ 85210 | jing.kwok@vita.com, www.vita.com

Revision

ANSI/VITA 78.0-2022, SpaceVPX System Standard (revision and redesignation of ANSI/VITA 78-2015) Final Action Date: 8/18/2022

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

Call for Members (ANS Consensus Bodies)

AAMI (Association for the Advancement of Medical Instrumentation)

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

BSR/AAMI ST24-202x, General-purpose ethylene oxide sterilizers with automated process control and ethylene oxide sterilant sources intended for use in health care facilities (revision of ANSI/AAMI ST24-1999 (R2018))

AGMA (American Gear Manufacturers Association)

1001 N Fairfax Street, 5th Floor, Alexandria, VA 22314-1587 | tech@agma.org, www.agma.org

BSR/AGMA 1012-HXX-202x, Gear Nomenclature, Definition of Terms with Symbols (revision and redesignation of ANSI/AGMA 1012-2005 (R2011))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-34A-202x, Ambient Condensation Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-34-2012 (R2017))

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

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

INCITS/ISO 19115-2:2019/AM1:2022 [202x], Geographic information - Metadata - Part 2: Extensions for acquisition and processing - Amendment 1 (identical national adoption of ISO 19115-2:2019/AM1:2022)

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

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

INCITS/ISO 19135-1:2015/AM1:2021 [202x], Geographic information - Procedures for item registration - Part 1: Fundamentals - Amendment 1 (identical national adoption of ISO 19135-1:2015/AM1:2021)

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

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

INCITS/ISO 19105:2022 [202x], Geographic information - Conformance and testing (identical national adoption of ISO 19105:2022 and revision of INCITS/ISO 19105:2000 [R2021])

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

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

INCITS/ISO 19111:2019/AM1:2021 [202x], Geographic information - Referencing by coordinates - Amendment 1 (identical national adoption of ISO 19111:2019/AM1:2021)

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

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

INCITS/ISO 19116:2019/AM1:2021 [202x], Geographic information - Positioning services - Amendment 1 (identical national adoption of ISO 19116:2019/AM1:2021)

Call for Members (ANS Consensus Bodies)

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

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

INCITS/ISO/IEC 2382-37:2022 [202x], Information technology - Vocabulary - Part 37: Biometrics (identical national adoption of ISO/IEC 2382-37:2022 and revision of INCITS/ISO/IEC 2382-37:2017 [2021])

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

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

INCITS/ISO/IEC 18033-7:2022 [202x], Information security - Encryption algorithms - Part 7: Tweakable block ciphers (identical national adoption of ISO/IEC 18033-7:2022)

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

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

INCITS/ISO/IEC 18033-4:2011/AM1:2020 [202x], Information technology - Security techniques - Encryption algorithms - Part 4: Stream ciphers - Amendment 1: ZUC (identical national adoption of ISO/IEC 18033 -4:2011/AM1:2020)

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

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

INCITS/ISO/IEC 19785-2:2021 [202x], Information technology - Common Biometric Exchange Formats Framework - Part 2: Biometric registration authority (identical national adoption of ISO/IEC 19785-2:2021 and revision of INCITS/ISO/IEC 19785-2:2006 [R2018]
INCITS/ISO/IEC 19785-2:2006/AM 1:2010 [R2020])

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

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

INCITS/ISO/IEC 20897-2:2022 [202x], Information security, cybersecurity and privacy protection - Physically unclonable functions - Part 2: Test and evaluation methods (identical national adoption of ISO/IEC 20897-2:2022)

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

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

INCITS/ISO/IEC 30137-4:2021 [202x], Information technology - Use of biometrics in video surveillance systems - Part 4: Ground truth and video annotation procedure (identical national adoption of ISO/IEC 30137-4:2021)

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

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

INCITS/ISO/IEC 39794-9:2021 [202x], Information technology - Extensible biometric data interchange formats - Part 9: Vascular image data (identical national adoption of ISO/IEC 39794-9:2021)

Call for Members (ANS Consensus Bodies)

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

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

INCITS/ISO/IEC 39794-16:2021 [202x], Information technology - Extensible biometric data interchange formats - Part 16: Full body image data (identical national adoption of ISO/IEC 39794-16:2021)

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

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

INCITS/ISO/IEC 39794-17:2021 [202x], Information technology - Extensible biometric data interchange formats - Part 17: Gait image sequence data (identical national adoption of ISO/IEC 39794-17:2021)

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

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

INCITS/ISO/IEC 21472:2021 [202x], Information technology - Scenario evaluation methodology for user interaction influence in biometric system performance (identical national adoption of ISO/IEC 21472:2021)

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

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

INCITS/ISO/IEC 27002:2022 [202x], Information security, cybersecurity and privacy protection - Information security controls (identical national adoption of ISO/IEC 27002:2022 and revision of INCITS/ISO/IEC 27002:2013 [R2019]
INCITS/ISO/IEC 27002:2013/COR 1:2014 [2018]
INCITS/ISO/IEC 27002:2013/COR 2:2015 [2018])

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

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

INCITS/ISO/IEC 27013:2021 [202x], Information security, cybersecurity and privacy protection - Guidance on the integrated implementation of ISO/IEC 27001 and ISO/IEC 20000-1 (identical national adoption of ISO/IEC 27013:2021 and revision of INCITS/ISO/IEC 27013:2015 [2018])

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

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

INCITS/ISO/IEC 27070:2021 [202x], Information technology - Security techniques - Requirements for establishing virtualized roots of trust (identical national adoption of ISO/IEC 27070:2021)

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

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

INCITS/ISO/IEC 27400:2022 [202x], Cybersecurity - IoT security and privacy - Guidelines (identical national adoption of ISO/IEC 27400:2022)

Call for Members (ANS Consensus Bodies)

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

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

INCITS/ISO/IEC 27021:2017/AM1:2021 [202x], Information technology - Security techniques - Competence requirements for information security management systems professionals - Amendment 1: Addition of ISO/IEC 27001:2013 clauses or subclauses to competence requirements (identical national adoption of ISO/IEC 27021:2017/AM1:2021)

NEMA (ASC C37) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 1752, Arlington, VA 22209 | brian.marchionini@nema.org, www.nema.org

BSR C37.54-202X, Standard for Alternating Current High-Voltage Circuit Breakers Applied in Metal-Enclosed Switchgear Conformance Test Procedures (revision of ANSI C37.54-2003 (R2020))

NSF (NSF International)

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

BSR/NSF 14-202x (i125r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14 -2021)

NSF (NSF International)

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

BSR/NSF 40-202x (i52r2), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)

NSF (NSF International)

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

BSR/NSF 55-202x (i61r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2021)

NSF (NSF International)

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

BSR/NSF 55-202x (i62r1), Ultraviolet Microbiological Drinking Water Treatment Systems (revision of ANSI/NSF 55 -2021)

NSF (NSF International)

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

BSR/NSF 244-202x (i19r1), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2021)

NSF (NSF International)

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

BSR/NSF 245-202x (i33r2), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2020)

Call for Members (ANS Consensus Bodies)

NSF (NSF International)

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

BSR/NSF 350-202x (i75r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)

NSF (NSF International)

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

BSR/NSF 455-2-202x (i32r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2 -2021)

NSF (NSF International)

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

BSR/NSF 455-2-202x (i33r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2 -2022)

NSF (NSF International)

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

BSR/NSF 455-2-202x (i37r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2 -2021)

NSF (NSF International)

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

BSR/NSF 455-2-202x (i39r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2 -2021)

SDI (ASC A250) (Steel Door Institute)

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

BSR A250.13-202x, Testing and Rating of Severe Windstorm Resistant Components for Swinging Door Assemblies for Protection of Building Envelopes (revision of ANSI/SDI/BHMA A250.13-2014 (R2018))

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 212 om-2012 (R202x), One percent sodium hydroxide solubility of wood and pulp (reaffirmation of ANSI/TAPPI T 212 om-2012 (R2018))

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 236 om-202x, Kappa number of pulp (revision of ANSI/TAPPI T 236 om-2013)

Call for Members (ANS Consensus Bodies)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 262 sp-2012 (R202x), Preparation of mechanical pulps for testing (reaffirmation of ANSI/TAPPI T 262 sp-2012 (R2018))

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 274 sp-202x, Laboratory screening of pulp (Master Screen-type instrument) (revision of ANSI/TAPPI T 274 sp-2013)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 403 om-202x, Bursting strength of paper (revision of ANSI/TAPPI T 403 om-2015)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 413 om-202x, Ash in wood, pulp, paper and paperboard:combustion at 900°C (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 419 om-2018 (R202x), Starch in paper (reaffirmation of ANSI/TAPPI T 419 om-2018)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 421 om-202x, Qualitative (including optical microscopic) analysis of mineral filler and mineral coating of paper (revision of ANSI/TAPPI T 421 om-2012)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 449 om-202x, Bacteriological examination of paper and paperboard (revision of ANSI/TAPPI T 449 om -2014)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 464 om-2012 (R202x), Water vapor transmission rate of paper and paperboard at high temperature and humidity (reaffirmation of ANSI/TAPPI T 464 om-2012 (R2018))

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 519 om-202x, Diffuse opacity of paper (d/0 paper backing) (new standard)

Call for Members (ANS Consensus Bodies)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 525 om-202x, Diffuse brightness of paper, paperboard and pulp (d/0) - ultraviolet level C (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 534 om-202x, Brightness of clay and other mineral pigments (d/0 diffuse) (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 536 om-2018 (R202x), Resistance of paper to passage of air (high-pressure Gurley method) (reaffirmation of ANSI/TAPPI T 536 om-2018)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 578 sp-202x, Accelerated light aging of printing and writing paper by xenon-arc exposure apparatus (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 581 om-202x, Dry tensile properties of paper towel and tissue products (using constant rate of elongation apparatus) (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 600 om-202x, Analysis of formaldehyde in aqueous solutions and of free formaldehyde in resins (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 653 om-202x, Specular gloss of paper and paperboard at 20 degrees (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 802 om-202x, Drop test for fiberboard shipping containers (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 810 om-202x, Bursting strength of corrugated board (new standard)

Call for Members (ANS Consensus Bodies)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 821 om-2012 (R202x), Pin adhesion of corrugated board by selective separation (reaffirmation of ANSI/TAPPI T 821 om-2012)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 822 om-202x, Ring crush of paperboard (rigid support method) (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 832 om-202x, Water absorption of corrugating medium: Float curl method (revision of ANSI/TAPPI T 832 om-2012)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 1006 sp-2010 (R202x), Testing of fiber glass mats: use of modified TAPPI procedures for sampling and lot acceptance, stiffness, tear resistance, and thickness (reaffirmation of ANSI/TAPPI T 1006 sp-2010)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 1007 sp-2015 (R202x), Sample location for fiber glass mat sheets (reaffirmation of ANSI/TAPPI T 1007 sp-2015)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 1013 om-2010 (R202x), Loss on ignition of fiber glass mats (reaffirmation of ANSI/TAPPI T 1013 om -2010)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 1214 sp-202x, Interrelation of reflectance, R0; reflectivity, R; TAPPI opacity, C0.89; scattering, s; and absorption, k (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

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

BSR/TAPPI T 1219 sp-202x, Storage of paper samples for optical measurements and color matching (new standard)

American National Standards (ANS) Announcements

Call for Comment on proposed Change Proposal for Fast Track NESC Process

IEEE (ASC C2) National Electrical Safety Code

Comment deadline by October 10, 2022

Per section 6.5 of the NESC Procedures these change proposals are seeking public comment during a mid-code cycle 45 day comment period. Comment deadline by October 10, 2022.
IEEE (ASC C2) - Institute of Electrical and Electronics Engineers
National Electrical Safety Code (C2-2023)
Stakeholders: Utilities

Click on the URL links below to view changes in full:
Send Comments to: Jennifer Santulli, (732) 562 3874, j.santulli@ieee.org

CP5605 Provides a definition of new Fault Managed Power System (FMPS) circuits used for the powering of communications equipment clearly defines what constitutes a FMPS circuit for the purposes of application of the NESC Rules of 224 and 344
https://ieee-sa.imeetcentral.com/p/eAAAAAAASPXtAAAAADhMnPs

CP5606 Provides new definitions of Communication Lines to help ensure that Fault Managed Power Systems (FMPS) circuits used for the exclusive powering of communications equipment are clearly identified as communications lines and makes an explicit connection to Rule 224B where the applicable rules for such powering circuits are found.
https://ieee-sa.imeetcentral.com/p/eAAAAAAASPXpAAAAAFfvWIs

CP5607 The addition of this exception permits cables containing Fault Managed Power System (FMPS) circuits used for the exclusive powering of communications equipment to be installed without a shield.
https://ieee-sa.imeetcentral.com/p/eAAAAAAASPXuAAAAAEEt3p4

CP5608 The addition of this exception permits cables containing Fault Managed Power System (FMPS) circuits used for the exclusive powering of communications equipment to be installed without a shield.
https://ieee-sa.imeetcentral.com/p/eAAAAAAASPXvAAAAAGrzyeI

Corrections

INMM (ASC N15) - Institute of Nuclear Materials ManagementMethods of Nuclear Material Control

To order and comment on public review of BSR N15.8-2009 (R202x)

The ordering and commenting contact has changed for the Call for Comment notice of N15.8 announced in Standards Action 7/22/2022. Draft copies can be obtained and comments can be made by contacting: Melanie May; melanie.may@hq.doe.gov or Lynne Preston; lynne.preston@hq.doe.gov (N15 Board of Officers).

The comment period ends on **September 20, 2022.**
BSR N15.8-2009 (R202x), Standard for Methods of Nuclear Material Control - Material Control Systems - Special Nuclear Material Control and Accounting Systems for Nuclear Power Plants
(reaffirmation of ANSI N15.8-2009 (R2015))

Accreditation Announcements (Standards Developers)

Public Review of Revised ASD Operating Procedures

NFPA - National Fire Protection Association

Comment Deadline: September 26, 2022

NFPA - National Fire Protection Association, an ANSI Member and Accredited Standards Developer, has submitted revisions to its currently accredited regulations for documenting consensus on NFPA-sponsored American National Standards, under which it was last reaccredited in 2021. 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: Dawn Michele Bellis, National Fire Protection Association (NFPA) | One Batterymarch Park, Quincy, MA 02169 | (617) 984-7246, dbellis@nfpa.org

You may view/download a copy of the revisions during the public review period, **click here**.

Please submit any public comments on the revised procedures to NFPA by **September 26, 2022**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

American National Standards (ANS) Process

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

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

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

• ANSI Essential Requirements: Due process requirements for American National Standards (always current edition): www.ansi.org/essentialrequirements

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

• Accreditation information – for potential developers of American National Standards (ANS): www.ansi.org/sdoaccreditation

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

• Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS: www.ansi.org/asd

• American National Standards Key Steps: www.ansi.org/anskeysteps

• American National Standards Value: www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers: https://www.ansi.org/portal/psawebforms/

• Information about standards Incorporated by Reference (IBR): https://ibr.ansi.org/

• ANSI - Education and Training: www.standardslearn.org

American National Standards Under Continuous Maintenance

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

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

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

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

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

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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

Additive manufacturing (TC 261)

ISO/ASTM DIS 52904, Additive manufacturing of metals - Process characteristics and performance - Metal powder bed fusion process to meet critical applications - 11/5/2022, $67.00

ISO/ASTM DIS 52910, Additive manufacturing - Design - Requirements, guidelines and recommendations - 6/18/2022, $82.00

Agricultural food products (TC 34)

ISO/DIS 20631, Infant formula and adult nutritionals - Determination of total folates content by trienzyme extraction and ultra-performance liquid chromatography tandem mass spectrometry (UPLC-MS/MS) - 6/17/2022, $77.00

ISO/FDIS 24583, Quantitative nuclear magnetic resonance spectroscopy - Purity determination of organic compounds used for foods and food products - General requirements for 1H NMR internal standard method - 7/22/2021, $107.00

Aircraft and space vehicles (TC 20)

ISO/FDIS 22010, Space systems - Mass properties control - 9/18/2021, $58.00

ISO/FDIS 24564, Space systems - Adhesives - General requirements - 10/11/2021, $77.00

Banking and related financial services (TC 68)

ISO/DIS 5201, Financial services - Code-scanning payment security - 11/6/2022, $98.00

Building construction machinery and equipment (TC 195)

ISO/DIS 13105-1, Building construction machinery and equipment - Machinery for concrete surface floating and finishing - Part 1: Terms and commercial specifications - 11/6/2022, $40.00

ISO/DIS 13105-2, Building construction machinery and equipment - Machinery for concrete surface floating and finishing - Part 2: Safety requirements and verification - 11/6/2022, $71.00

ISO/DIS 19711-2, Building construction machinery and equipment - Truck mixers - Part 2: Safety requirements - 11/4/2022, $102.00

Cleanrooms and associated controlled environments (TC 209)

ISO/FDIS 14644-4, Cleanrooms and associated controlled environments - Part 4: Design, construction and start-up - 8/12/2021, $125.00

Clinical laboratory testing and in vitro diagnostic test systems (TC 212)

ISO/FDIS 15189, Medical laboratories - Requirements for quality and competence - 8/20/2021, $134.00

Corrosion of metals and alloys (TC 156)

ISO/FDIS 9227, Corrosion tests in artificial atmospheres - Salt spray tests - 10/30/2021, $82.00

ISO/FDIS 10062, Corrosion tests in artificial atmosphere at very low concentrations of polluting gas(es) - 1/16/2022, $58.00

Cosmetics (TC 217)

ISO/DIS 4973, Cosmetics - Microbiology - Quality control of culture media and diluents used in Cosmetics standards - 11/5/2022, $77.00

Dentistry (TC 106)

ISO/DIS 14356, Dentistry - Duplicating material - 6/18/2022, $98.00

Dimensional and Geometrical Product Specifications and Verification (TC 213)

ISO/DIS 4351, Geometrical product specifications (GPS) - Association - 6/17/2022, $62.00

Ergonomics (TC 159)

ISO/DIS 9241-221, Ergonomics of human-system interaction - Part 221: Human-centred design process assessment model - 6/23/2022, $165.00

Ferrous metal pipes and metallic fittings (TC 5)

ISO/DIS 10803, Design method for ductile iron pipes - 11/6/2022, $98.00

Fertilizers and soil conditioners (TC 134)

ISO/DIS 6650, Fertilizers, Soil conditioners and Beneficial Substances - Simultaneous Determination of N-buthylthiophosphorus Triamide (NBPT) and Dicyandiamide (DCD) by High-performance Liquid Chromatography (HPLC) - 6/17/2022, $40.00

Fluid power systems (TC 131)

ISO/DIS 7241, Hydraulic fluid power - Dimensions and requirements of quick-action couplings - 11/4/2022, $53.00

ISO/FDIS 1179-2, Connections for general use and fluid power - Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing - Part 2: Heavy-duty (S series) and light-duty (L series) stud ends with elastomeric sealing (type E) - 12/26/2021, $46.00

Gas cylinders (TC 58)

ISO 11119-2:2020/DAmd 1, - Amendment 1: Gas cylinders - Design, construction and testing of refillable composite gas cylinders and tubes - Part 2: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with load-sharing metal liners - Amendment 1 - 11/4/2022, $29.00

ISO 11119-3:2020/DAmd 1, - Amendment 1: Gas cylinders - Design, construction and testing of refillable composite gas cylinders and tubes - Part 3: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with non-load-sharing metallic or non-metallic liners or without liners - Amendment 1 - 11/4/2022, $29.00

Lifts, escalators, passenger conveyors (TC 178)

ISO/DIS 25745-1.2, Energy performance of lifts, escalators and moving walks - Part 1: Energy measurement and verification - 6/18/2022, $67.00

Mechanical vibration and shock (TC 108)

ISO/FDIS 21940-21, Mechanical vibration - Rotor balancing - Part 21: Description and evaluation of balancing machines - 7/30/2021, $134.00

Nuclear energy (TC 85)

ISO/FDIS 21243, Radiation protection - Performance criteria for laboratories performing initial cytogenetic dose assessment of mass casualties in radiological or nuclear emergencies - General principles and application to dicentric assay - 5/30/2021, $77.00

ISO/DIS 8529-3, Neutron reference radiation fields - Part 3: Calibration of area and personal dosemeters and determination of their response as a function of neutron energy and angle of incidence - 11/4/2022, $53.00

Optics and optical instruments (TC 172)

ISO/DIS 8424, Raw optical glass - Resistance to attack by aqueous acidic solutions - Test method and classification - 11/4/2022, $71.00

ISO/DIS 24013, Optics and photonics - Lasers and laser-related equipment - Measurement of phase retardation of optical components for polarized laser radiation - 6/18/2022, $67.00

Paints and varnishes (TC 35)

ISO/FDIS 1522, Paints and varnishes - Pendulum damping test - 11/19/2021, $53.00

ISO/FDIS 16053, Paints and varnishes - Coating materials and coating systems for exterior wood - Natural weathering test - 9/23/2021, $93.00

ISO/FDIS 4628-5, Paints and varnishes - Evaluation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 5: Assessment of degree of flaking - 10/7/2021, $40.00

Personal safety - Protective clothing and equipment (TC 94)

ISO/DIS 374-1, Protective gloves against dangerous chemicals and micro-organisms - Part 1: Terminology and performance requirements for chemical risks - 11/5/2022, $58.00

ISO/DIS 374-5, Protective gloves against dangerous chemicals and micro-organisms - Part 5: Terminology and performance requirements for micro-organisms risks - 11/5/2022, $40.00

Petroleum products and lubricants (TC 28)

ISO/DIS 4266-1, Petroleum and liquid petroleum products - Measurement of level and temperature in storage tanks by automatic methods - Part 1: Measurement of level in atmospheric tanks - 11/7/2022, $77.00

Photography (TC 42)

ISO/FDIS 18951-2, Imaging materials - Scratch resistance of photographic prints - Part 2: Sclerometer test method - 9/26/2021, $46.00

Plastics (TC 61)

ISO/FDIS 19721, Plastics - Abrasion test method for artificial turfs using combined UV exposure and mechanical wear - 3/2/2020, $67.00

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

ISO/FDIS 4437-4, Plastics piping systems for the supply of gaseous fuels - Polyethylene (PE) - Part 4: Valves - 8/30/2021, $82.00

Road vehicles (TC 22)

ISO/DIS 15118-2, Road vehicles - Vehicle-to-grid communication interface - Part 2: Network and application protocol requirements - 11/3/2022, $258.00

Service activities relating to drinking water supply systems and wastewater systems - Quality criteria of the service and performance indicators (TC 224)

ISO/DIS 24566-1, Drinking water, wastewater and storm water systems and services - Adaptation of water services to climate change impacts - Part 1: Assessment principles - 11/4/2022, $98.00

Ships and marine technology (TC 8)

ISO/DIS 3725, Ships and marine technology - Aquatic nuisance species - Methods for evaluating the performance of compliance monitoring devices for ballast water discharges - 6/19/2022, $88.00

ISO/FDIS 23668, Ships and marine technology - Marine environment protection - Continuous on-board pH monitoring method - 4/24/2021, $53.00

Solid mineral fuels (TC 27)

ISO/DIS 5146, Coal and Coke - Coal preparation plant - Density tracer testing for measuring performances of coal density separators - 6/18/2022, $93.00

(TC 330)

ISO/DIS 7581, Method for the evaluation of basic bactericidal activity of a non-porous surface - 6/20/2022, $82.00

Textiles (TC 38)

ISO/DIS 5157, Textiles - Environmental aspects - Vocabulary - 6/19/2022, $88.00

Thermal insulation (TC 163)

ISO/DIS 9869-3, Thermal insulation of building elements - In-situ measurement of thermal resistance and thermal transmittance - Part 3: Probe insertion method - 11/6/2022, $82.00

Tobacco and tobacco products (TC 126)

ISO/FDIS 24197, Vapour products - Determination of e-liquid vaporised mass and aerosol collected mass - 12/6/2021, $58.00

Traditional Chinese medicine (TC 249)

ISO/FDIS 4754, Traditional Chinese medicine - Fermented Cordyceps powder - 10/1/2021, $67.00

Tyres, rims and valves (TC 31)

ISO/DIS 5775-1, Bicycle tyres and rims - Part 1: Tyre designations and dimensions - 11/5/2022, $77.00

Welding and allied processes (TC 44)

ISO/FDIS 11745, Brazing for aerospace applications - Qualification test for brazers and brazing operators - Brazing of metallic components - 9/13/2021, $71.00

ISO/DIS 3834-6, Quality requirements for fusion welding of metallic materials - Part 6: Guidelines on implementing ISO 3834 - 11/4/2022, $82.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 5338, Information technology - Artificial intelligence - AI system life cycle processes - 11/6/2022, $112.00

ISO/IEC DIS 38500, Information technology - Governance of IT for the organization - 11/7/2022, $82.00

ISO/IEC DIS 23090-3/DAmd 1, Information technology - Coded representation of immersive media - Part 3: Versatile video coding - Amendment 1: New level and systems-related supplemental enhancement information - 11/4/2022, $71.00

ISO/IEC DIS 24789-1, Identification cards - Card service life - Part 1: Application profiles and requirements - 6/18/2022, $71.00

ISO/IEC DIS 24789-2, Identification cards - Card service life - Part 2: Methods of evaluation - 6/19/2022, $102.00

ISO/IEC DIS 30107-1, Information technology - Biometric presentation attack detection - Part 1: Framework - 11/4/2022, $53.00

ISO/IEC FDIS 21000-23, Information technology - Multimedia framework (MPEG-21) - Part 23: Smart Contracts for Media - 8/15/2021, $146.00

ISO/IEC/IEEE DIS 15026-3, Systems and software engineering - Systems and software assurance - Part 3: System integrity levels - 11/7/2022, $82.00

IEC Standards

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

46/902(F)/FDIS, IEC 62037-8 ED1: Passive RF and microwave devices, intermodulation level measurement - Part 8: Measurement of passive intermodulation generated by objects exposed to RF radiation, 09/23/2022

46/903/FDIS, IEC 62037-7 ED1: Passive RF and microwave devices, intermodulation level measurement - Part 7: Field measurements of passive intermodulation, 09/30/2022

46F/628/NP, PNW 46F-628 ED1: MEASUREMENT OF THE CONDUCTIVITY FOR METAL THIN FILMS AT MICROWAVE AND MILLIMETER-WAVE FREQUENCIES BALANCED-TYPE CIRCULAR DISK RESONATOR METHOD, 11/11/2022

Capacitors and resistors for electronic equipment (TC 40)

40/2966(F)/FDIS, IEC 62391-1 ED3: Fixed electric double-layer capacitors for use in electric and electronic equipment - Part 1: Generic specification, 09/02/2022

40/2969(F)/FDIS, IEC 60738-1 ED4: Thermistors - Directly heated positive temperature coefficient - Part 1: Generic specification, 09/09/2022

Electrical accessories (TC 23)

23E/1268/FDIS, IEC 61543 ED2: Residual current-operated protective devices (RCDs) for household and similar use - Electromagnetic compatibility, 09/30/2022

23E/1267/FDIS, IEC 62606/AMD2 ED1: Amendment 2 - General requirements for arc fault detection devices, 09/30/2022

Electrical equipment in medical practice (TC 62)

62D/1977/CD, ISO 81060-2/AMD2 ED3: Amendment 2 - Non-invasive sphygmomanometers - Part 2: Clinical investigation of intermittent automated measurement type, 10/14/2022

Electrical installations for the lighting and beaconing of aerodromes (TC 97)

97/238/CDV, IEC 61820-3-4 ED1: Electrical installations for lighting and beaconing of aerodromes - Safety secondary circuits in series circuits - General safety requirements, 11/11/2022

Environmental conditions, classification and methods of test (TC 104)

104/942/CD, IEC 60068-2-86 ED1: Environmental Testing - Part 2-86: Tests-Test Fx: Multi-Exciter and Multi-Axis Shock and Vibration Testing and Guidance, 11/11/2022

Evaluation and Qualification of Electrical Insulating Materials and Systems (TC 112)

112/580/CD, IEC 62631-2-3 ED1: Dielectric and resistive properties of solid insulating materials - Part 2-3: Determination of relative permittivity and dielectric dissipation factor (AC methods) - Contact electrode method for insulating films, 11/11/2022

Flat Panel Display Devices (TC 110)

110/1454/FDIS, IEC 62341-6-1 ED3: Organic light emitting diode (OLED) displays - Part 6-1: Measuring methods of optical and electro-optical parameters, 09/30/2022

110/1455/CD, IEC TR 62595-1-6 ED1: Display light unit- Part 1 -6: Quantum dot films and quantum dot diffuser plates used in backlight unit, 10/14/2022

Fluids for electrotechnical applications (TC 10)

10/1186/FDIS, IEC 60867 ED3: Insulating liquids - Specifications for unused liquids based on synthetic aromatic hydrocarbons, 09/30/2022

High-voltage testing techniques (TC 42)

42/410/CD, IEC 63405 ED1: High-voltage test techniques - Dielectric loss measurements "PROPOSED HORIZONTAL STANDARD", 11/11/2022

Industrial-process measurement and control (TC 65)

65A/1046/FDIS, IEC 62682 ED2: Management of alarm systems for the process industries, 09/30/2022

Lamps and related equipment (TC 34)

34A/2297(F)/FDIS, IEC 63356-1 ED1: LED light source characteristics - Part 1: Data sheets, 09/23/2022

34A/2298(F)/FDIS, IEC 63356-2 ED1: LED light source characteristics - Part 2: Design parameters and values, 09/23/2022

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

113/697/DTS, IEC TS 62565-1 ED1: Nanomanufacturing - Material specifications, Part 1 - Basic concept, 11/11/2022

Power system control and associated communications (TC 57)

57/2516/FDIS, IEC 62351-5 ED1: Power systems management and associated information exchange - Data and communications security - Part 5: Security for IEC 60870-5 and derivatives, 09/30/2022

57/2520/NP, PNW 57-2520 ED1: Systems interface between customer energy management system and the power management system - Part 4: Demand Side Resource Interface, 11/11/2022

Rotating machinery (TC 2)

2/2107/CD, IEC 60034-12 ED4: Rotating electrical machines - Part 12: Starting performance of single-speed three-phase cage induction motors, 11/11/2022

2/2103/CDV, IEC 60136 ED3: Dimensions, marking and testing of carbon brushes and dimensions of brush-holders for electrical machinery, 11/11/2022

Safety of household and similar electrical appliances (TC 61)

61/6676/FDIS, IEC 60335-2-114 ED2: Household and similar electrical appliances - Safety - Part 2-114: Particular requirements for Personal-e-Transporters, 09/30/2022

61/6675/FDIS, IEC 60335-2-21 ED7: Household and similar electrical appliances - Safety - Part 2-21: Particular requirements for storage water heaters, 09/30/2022

61/6674/FDIS, IEC 60335-2-8 ED7: Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances, 09/30/2022

Secondary cells and batteries (TC 21)

21A/809/FDIS, IEC 61951-2/AMD1 ED4: Amendment 1 - Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary sealed cells and batteries for portable applications - Part 2: Nickel-metal hydride, 09/30/2022

Standard voltages, current ratings and frequencies (TC 8)

8B/124/DTS, IEC TS 63189-1 ED1: Virtual Power Plants- Part 1: Architecture and Functional Requirements, 11/11/2022

Switchgear and controlgear (TC 17)

17A/1354/CDV, IEC 62271-110 ED5: High-voltage switchgear and controlgear - Part 110: Inductive load switching, 11/11/2022

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

121A/513/CDV, IEC 60947-5-1 ED5: Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices, 11/11/2022

121A/514/CDV, IEC 60947-5-7 ED2: Low-voltage switchgear and controlgear - Part 5-7: Control circuit devices and switching elements - Requirements for proximity devices with analogue output, 11/11/2022

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

99/364/CDV, IEC 61936-2 ED1: Power installations exceeding 1 kV AC and 1,5 kV DC - Part 2: DC, 11/11/2022

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

Applications of statistical methods (TC 69)

ISO 13528:2022, Statistical methods for use in proficiency testing by interlaboratory comparison, $250.00

ISO 3951-1:2022, Sampling procedures for inspection by variables - Part 1: Specification for single sampling plans indexed by acceptance quality limit (AQL) for lot-by-lot inspection for a single quality characteristic and a single AQL, $250.00

Cosmetics (TC 217)

ISO 23674:2022, Cosmetics - Analytical methods - Direct determination of traces of mercury in cosmetics by thermal decomposition and atomic absorption spectrometry (mercury analyser), $111.00

Cryogenic vessels (TC 220)

ISO 21009-1:2022, Cryogenic vessels - Static vacuum-insulated vessels - Part 1: Design, fabrication, inspection and tests, $250.00

Environmental management (TC 207)

ISO 14100:2022, Guidance on environmental criteria for projects, assets and activities to support the development of green finance, $200.00

Fire safety (TC 92)

ISO 24678-2:2022, Fire safety engineering - Requirements governing algebraic formulae - Part 2: Fire plume, $149.00

ISO 24678-3:2022, Fire safety engineering - Requirements governing algebraic formulae - Part 3: Ceiling jet flows, $149.00

Gas cylinders (TC 58)

ISO 11114-6:2022, Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 6: Oxygen pressure surge testing, $73.00

Rubber and rubber products (TC 45)

ISO 2006-1:2022, Rubber latex, synthetic - Determination of mechanical stability - Part 1: High-speed method, $73.00

Ships and marine technology (TC 8)

ISO 24224:2022, Ships and marine technology - Tanker cargo manifold shore connection - Technical requirements, $111.00

Technical drawings, product definition and related documentation (TC 10)

ISO 128-3:2022, Technical product documentation (TPD) - General principles of representation - Part 3: Views, sections and cuts, $200.00

ISO Technical Specifications

Personal safety - Protective clothing and equipment (TC 94)

ISO/TS 20141:2022, Personal safety - Personal protective equipment - Guidelines on compatibility testing of PPE, $200.00

Service activities relating to drinking water supply systems and wastewater systems - Quality criteria of the service and performance indicators (TC 224)

ISO/TS 24519:2022, Service activities relating to drinking water supply, wastewater and stormwater systems - Water and wastewater services for temporary settlements for displaced persons, $111.00

Solid mineral fuels (TC 27)

ISO/TS 4699:2022, Hard Coal - Determination of plastometric indices - Manual method, $149.00

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 24368:2022, Information technology - Artificial intelligence - Overview of ethical and societal concerns, $200.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23008-3:2022, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 3: 3D audio, $250.00

ISO/IEC 30142-2:2022, Internet of Things (IoT) - Underwater acoustic sensor network (UWASN) - Network management system - Part 2: Underwater management information base (u-MIB), $175.00

IEC Standards

Industrial-process measurement and control (TC 65)

IEC 61139-2 Ed. 1.0 b:2022, Industrial networks - Single-drop digital communication interface - Part 2: Functional safety extensions, $443.00

Superconductivity (TC 90)

IEC 61788-22-3 Ed. 1.0 b:2022, Superconductivity - Part 22-3: Superconducting strip photon detector - Dark count rate, $183.00

IEC Technical Specifications

Solar photovoltaic energy systems (TC 82)

IEC/TS 62788-6-3 Ed. 1.0 en:2022, Measurement procedures for materials used in photovoltaic modules - Part 6-3: Adhesion testing for PV module laminates using the single cantilevered beam (SCB) method, $259.00

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 322 – Sustainable finance

Comment Deadline: September 16, 2022

ANSI has been informed that Accredited Standards Committee X9, Inc. Financial Industry Standards (ASC X9), the ANSI-accredited U.S. TAG Administrator for ISO/TC 322 – *Sustainable finance*, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 322 operates under the following scope:

Standardization in the field of sustainable finance to integrate sustainability considerations including environmental, social and governance practices in the financing of economic activities.

Note : the TC for sustainable finance will have close cooperation with TC 68 in the field of financial services, TC 207 in the field of environmental management, TC 251 in the field of asset management and TC 309 in the field of governance of organizations.

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).

Meeting Notices (International)

ANSI Accredited U.S TAG to ISO

New INCITS Technical Committee on Brain-Computer Interfaces (BCI) – US TAG to JTC 1/SC 43 – Brain-Computer Interfaces

Organizational Meeting – August 29, 2022

Meeting Notice and Call for Members for the New INCITS Technical Committee on Brain-Computer Interfaces (BCI) – US TAG to JTC 1/SC 43 – Brain-Computer Interfaces

Organizational Meeting – August 29, 2022. The organizational meeting of INCITS/Brain-Computer Interfaces (BCI) will be held electronically via Zoom on August 29, 2022 (1:00 PM to 4:00 PM (Eastern) / 10:00 AM to 1:00 PM (Pacific)). The agenda, related documents and instructions for joining the Zoom meeting will be distributed by July 15 to organizational representatives that have requested membership on the new committee. RSVPs for the meeting should be submitted to Rachel Porter (rporter@itic.org) as soon as possible.

Background on Establishment of INCITS/Brain-Computer Interfaces – At the January 2022 INCITS Executive Board meeting, a new Technical Committee (TC), INCITS/Brain-Computer Interfaces (BCI), was established contingent upon approval of the establishment of JTC 1 Subcommittee 43 – Brain-Computer Interfaces. The TC will serve as the US TAG to JTC 1 Subcommittee 43 – Brain-Computer Interfaces:

Scope: Standardization in the area of Brain-computer Interfaces (BCI) for information technology to enable communication and interaction between brain and computers that are applicable across application areas.
· Serve as the focus and proponent for JTC 1's standardization programme on BCI, including the development of foundational standards.
· Provide guidance on Brain-computer Interfaces to JTC 1, IEC, ISO and other entities developing applications of BCI.

Excluded: standards for human implants and medical applications.

The committee will operate under the USNC-accredited procedures for the InterNational Committee for Information Technology Standards (INCITS) (see INCITS Organization, Policies and Procedures - Annex A, Policies and Procedures for USNC Technical Advisory Groups (TAGs) to ISO/IEC JTC 1. Additional information can also be found at http://www.INCITS.org,

http://www.incits.org/participation/membership-info

and

http://www.incits.org/participation/apply-for-membership.

The complete meeting notice and membership information can be found at https://standards.incits.org/apps/group_public/document.php?document_id=143629&wg_abbrev=eb.

Registration of Organization Names in the United States

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

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations notified by Member countries of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), Members are required to notify proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat issues and makes available these notifications. The purpose of the notification requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The USA Inquiry Point for the WTO TBT Agreement is located at the National Institute of Standards and Technology (NIST) in the Standards Coordination Office (SCO). The Inquiry Point distributes the notified proposed foreign technical regulations (notifications) and makes the associated full-texts available to U.S. stakeholders via its online service, Notify U.S. Interested U.S. parties can register with Notify U.S. to receive e-mail alerts when notifications are added from countries and industry sectors of interest to them. To register for Notify U.S., please visit: http://www.nist.gov/notifyus/.

The USA WTO TBT Inquiry Point is the official channel for distributing U.S. comments to the network of WTO TBT Enquiry Points around the world. U.S. business contacts interested in commenting on the notifications are asked to review the comment guidance available on Notify U.S. at: https://tsapps.nist.gov/notifyus/data/guidance/guidance.cfm prior to submitting comments.

For further information about the USA TBT Inquiry Point, please visit: https://www.nist.gov/standardsgov/what-we-do/trade-regulatory-programs/usa-wto-tbt-inquiry-point Contact the USA TBT Inquiry Point at (301) 975-2918; F: (301) 926-1559; E: usatbtep@nist.gov or notifyus@nist.gov.

[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 gray highlighting. Rationale statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard
for Plastics —

Plastics Piping System Components and Related Materials

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5 Physical and performance requirements

5.8 Chlorine resistance – Equivalency for polyethylene compound modifications

In order to qualify a modification to a compound that already has a chlorine resistance classification, the following minimum requirements shall be met using either Method A or Method B.

5.8.1 Method A (4" DR 11 testing)

a) Test the modified compound per ASTM D3350-14[Error! Bookmark not defined.] Section 10.1.11 with an exception in the number of specimens. A minimum of three specimens shall be tested.

b) Specimens shall be tested to failure or until the log average (geometric mean) test time meets the minimum test time requirement in ASTM D3350-14[Error! Bookmark not defined.] Table 2 for the original compound's oxidative resistance classification.

c) The modified compound shall be considered equal to the original compound if its oxidative resistance classification meets or exceeds that of the original compound.

5.8.2 Method B ($^1/_2$" DR 9 testing)

a) Test six specimens of the original compound per ASTM D3350-14[Error! Bookmark not defined.] Section 10.1.11 with an exception in the pipe size. Test specimens shall be $^1/_2$" DR 9 pipe.

b) Test six specimens of the modified compound per ASTM D3350-14[Error! Bookmark not defined.] Section 10.1.11 with an exception in the pipe size. Test specimens shall be $^1/_2$" DR 9 pipe.

c) Testing shall be performed at 90 °C and at a test stress of 360, 400, or 450 psi as per ASTM D3350-14[Error! Bookmark not defined.] Table 2.

d) Specimens of the original compound shall be tested to failure.

e) Specimens of the modified compound shall be tested to failure or until the log average (geometric mean) test time is equal to or above 87% of the log average failure time of the original compound as determined by the analysis section.

Analysis:

— Failures shall be oxidatively induced Stage II failures.

— Calculate the log average failure time for the original compound (ft_{orig}) and of the new compound (ft_{new}).

— Calculate the % difference in the log average failure time of the new compound relative to the original compound based on the following equation:

% difference in failure time = (ft_{new} / ft_{orig}) × 100%

— The modified compound shall be considered equal to the original compound if:

% difference in failure time ≥ 87%

~~NOTE —~~ Testing of the original compound ($^1/_2$" DR 9 pipe) is only required to be performed once. All modified compounds shall be compared to this original data set.

Rationale: NOTEs are considered informative and cannot contain requirements (shall)

9 Quality assurance

9.4 Verification of the calibration of equipment

9.4.1 Verification

The calibration of all equipment used to check critical dimensions (as defined in Section 5.4) shall be verified weekly.

~~NOTE —~~ Consideration is given to thread gauges and go / no-go socket gauges which cannot be verified on a weekly basis. In lieu of verification, this equipment shall be calibrated in accordance with Section 9.4.2.

Rationale: NOTEs are considered informative and cannot contain requirements (shall)

The calibration of all in-line equipment used to check pipe or tubing critical dimensions during the extrusion process shall be performed at a minimum of once annually.

NOTE — An equipment is defined as being in-line if it is part of the extrusion line and collecting critical dimensions data.

Other equipment, (including, but not limited to pressure gauges, scales, etc.) shall be verified at a minimum of once annually.

Verification shall consist of checking the zero point, if applicable, and the critical dimension or a point near the upper limit of the instrument.

Records of equipment verification shall include the following:

— date that the verification was performed;

— identity of the equipment verified (description and serial number);
— verification data;
— description of any corrective actions taken, if applicable; and
— identity of the person who performed the verification.

Variations from these minimum requirements shall be permitted if an alternate program is established in writing and determined to be equivalent.

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Table 9.10
CPVC fittings test frequency

Test	Frequency
burst pressure[1,2]	weekly
dimensions	
body wall thickness	weekly
socket bottom average diameter and out-of-roundness[3]	weekly
socket entrance average diameter and out-of-roundness[3]	24 h
socket depth[3,4,5]	24 h
socket wall thickness	weekly
spigot ends of fittings, minimum wall thickness	weekly
spigot ends of fittings, average diameter and out-of-roundness[6]	weekly
thread length[4,5]	(see Footnotes 4, 5)
thread gauge	24 h
sustained pressure pipe and fittings assemblies[7]	annually
thermocycling[7]	annually
product standard(s)	ASTM D2846, ASTM F437, ASTM F438, ASTM F439, CSA B137.6

[1] Applies only to products produced under ASTM F437, ASTM F438, and ASTM F439.

[2] Burst pressure requirement does not apply to reducer bushings.

[3] Plug gauges are permitted, provided that the mold has been qualified by complete dimensioning and appropriate testing on all products from all mold cavities to verify compliance with the referenced standard.

[4] Applies only to molded fittings.

[5] Socket depth and thread length are only required to be verified at the time a new tool is “qualified” or when new or repaired cores are made.

~~NOTE — No point anywhere along the length of the spigot shall the OD be allowed to fall below the minimum for equivalent size pipe.~~

[6] Ring gauges are permitted, provided that the mold has been qualified by complete dimensioning and performance of appropriate testing on all products from all cavities to verify.

[7] Applies only to products produced under ASTM D2846 and CSA B137.6 as referenced in Section 2 in this standard.

No point anywhere along the length of the spigot shall the OD be allowed to fall below the minimum for equivalent size pipe.

Rationale: NOTEs are considered informative and cannot contain requirements (shall)

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Table 9.14
PVC fittings and pipe bell ends test frequency

Test	Potable water	DWV	Sewer	Well casing	PSM sewer fittings	Pipe bell ends
acetone	—	—	24 h [1]	—	—	—
burst pressure[2,3]	weekly	—	—		—	weekly
deflection load and crush resistance[4]	—	annually	—	annually	—	—
deflection test	—	start-up[5]	—	—	—	—
dimensions						
body wall thickness	weekly	weekly	weekly	weekly	—	—
socket bottom average diameter and out-of-roundness[6,7]	24 h	24 h	24 h	24 h	24 h	start-up
socket entrance average diameter and out-of-roundness[6,7]	24 h	24 h	24 h	24 h	24 h	start-up
socket depth[6,7,8]	24 h	24 h	24 h	24 h	24 h	start-up
socket wall thickness	weekly	weekly	weekly	weekly	weekly	start-up
spigot ends of fittings: minimum wall thickness	weekly	weekly	weekly	weekly	—	—
spigot ends of fittings: average diameter and out-of-roundness[7,9]	24 h	24 h	24 h	24 h	—	—
thread length[8]	(see Footnote 8)	(see Footnote 8)	(see Footnote 8)	(see Footnote 8)	—	—
thread gauge	24 h	24 h	—	24 h	—	—
flattening	—	annually[10]	—	—	—	—
heat reversion[11]	8 h	8 h	—	—	—	—
impact at 22.8 °C (73 °F)[4]	—	weekly	—	—	monthly	—
joint tightness	—	—	—	—	—	annually
shear test	—	start-up[5]	—	—	—	—

Table 9.14
PVC fittings and pipe bell ends test frequency

Test	Potable water	DWV	Sewer	Well casing	PSM sewer fittings	Pipe bell ends
tup puncture resistance	—	—	—	annually	—	—
threaded joint strength (hydrostatic)	—	—	—	weekly	—	—
unrestrained hydrostatic test	—	start-up[5]	—	—	—	—
product standard(s)	ASTM D2464, ASTM D2466, ASTM D2467, CSA B137.3	ASTM D2665, ASTM D2949, CSA B181.2, ASME A112.4.4	ASTM D2729, ASTM D3034, ASTM F679	ASTM F480	ASTM F1336	ASTM D2672, ASTM D3139, ASTM D3212

[1] Acetone applies only to products produced under ASTM D2729 as referenced in Section 2 of this standard.

[2] Burst pressure requirement does not apply to reducer bushings.

[3] Test does not apply to CSA B137.3 products.

[4] Toilet flanges listed to ASTM D2665, D2949, CSA B181.2, and ASME A112.4.4 are exempt from the QC requirements of crush and impact.

[5] This requirement applies only to products under ASME A112.4.4.

[6] Plug gauges are permitted, provided that the mold has been qualified by complete dimensioning and performance of appropriate testing on all products from all mold cavities to verify compliance with the referenced standard.

[7] Requirements do not apply to F679 fabricated fittings and bell ends.

~~NOTE — No point anywhere along the length of the spigot shall the OD be allowed to fall below the minimum for equivalent size pipe.~~

[8] Socket depth and thread length are only required to be verified at the time a new tool is “qualified” or when new or repaired cores are made.

[9] Ring gauges are permitted, provided that the mold has been qualified by complete dimensioning and performance of appropriate testing on all products from all cavities to verify.

[10] Flattening applies only to products produced under ASTM D2949 as referenced in Section 2 of this standard.

[11] This requirement applies only to products produced under CSA B181.2 and CSA B137.3.

No point anywhere along the length of the spigot shall the OD be allowed to fall below the minimum for equivalent size pipe.

Rationale: NOTEs are considered informative and cannot contain requirements (shall)

Tracking #40i52r2 et al
© 2022 NSF
Multiple revisions: 40i52r2, 245i33r2, 350i75r2

Revision to NSF/ANSI 40-2020
Issue 52, Revision (August 2022)

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

NSF/ANSI Standard
for Wastewater Technology –

Residential Wastewater Treatment Systems

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8 Performance testing and evaluation

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8.2 Testing and evaluation conditions, hydraulic loading, and schedules

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8.2.2.1 Design loading

The system shall be dosed 7 d/wk with a wastewater volume equivalent to the daily hydraulic capacity of the system. The following schedule shall be adhered to for dosing:

Time frame	Rated daily hydraulic capacity (%)
6:00 am to 9:00 am	approximately 35
11:00 am to 2:00 pm	approximately 25
5:00 pm to 8:00 pm	approximately 40

The individual dosage shall be no more than 10 gal per dose, unless the dosage system is based on a continuous flow and be uniformly applied over the dosing periods.

8.2.2.2 Stress loading

~~Stress loading is designed to evaluate a system's performance under four non-ideal conditions. Systems shall be subjected to each stress condition once during the 6-mo testing and evaluation period, and each of the four stress conditions shall be separated by 7 d of design loading (see Section 8.2.2.1).~~

Stress loading sequences shall begin in Week 17 ± 1 wk of the testing and will be completed in the order listed in the following sections. Each stress sequence shall be separated by 7 d of design loading, as described in Section 8.2.2.1.

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NSF/ANSI Standard
for Residential Wastewater Treatment Systems –

Residential Wastewater Treatment Systems – Nitrogen Reduction

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8 Performance testing and evaluation

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8.2 Testing conditions, hydraulic loading, and schedules

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8.2.2.1 Design loading

The system shall be dosed 7 d/wk with a wastewater volume equivalent to the daily hydraulic capacity of the system. The following schedule shall be adhered to for dosing:

Time frame	Approximate % rated daily hydraulic capacity
6 am to 9 am	35
11 am to 2 pm	25
5 pm to 8 pm	40

An individual dose shall be no more than 10 gal (37.9 L), unless the dosage system is based on a continuous flow, and the doses shall be uniformly applied over the dosing period.

8.2.2.2 Stress loading

Stress loading sequences shall begin in Week 17 ± 1 week of the testing and will be completed in the order listed in the following sections. Each stress sequence shall be separated by 7 d of design loading, as described in Section 8.2.2.1.

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NSF/ANSI Standard
for Wastewater Technology –

Onsite Residential and Commercial Water Reuse Treatment Systems

8 Performance testing and evaluation

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8.2.2 Testing and evaluation conditions, hydraulic loading, and schedules

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8.2.2.2.1 Design loading

The system shall be dosed 7 d a week with wastewater volume equivalent to the daily hydraulic capacity of the system. The following schedule shall be adhered to for dosing:

Time frame	Percent rated daily hydraulic capacity
6:00 a.m. to 9:00 a.m.	approximately 35
11:00 a.m. to 2:00 p.m.	approximately 25
5:00 p.m. to 8:00 p.m.	approximately 40

The individual dosage shall be no more than 10 gal per dose, unless the dosage system is based on a continuous flow, and be uniformly applied over the dosing periods.

8.2.2.2.2 Stress loading

~~Stress loading is designed to evaluate a system's performance under four non ideal conditions. Systems shall be subjected to each stress condition once during the 6 mo (26 wk [182 d]) testing and evaluation period, and each of the four stress conditions shall be separated by 1 wk (7 d) of design loading (see Section 8.2.2.2.1).~~

Stress loading sequences shall begin in Week 17 ± 1 wk of the testing and will be completed in the order listed in the following sections. Each stress sequence shall be separated by 7 d of design loading, as described in Section 8.2.2.2.1.

[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 gray highlighting. Rationale statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard
for Drinking Water Treatment Units –

Ultraviolet Microbiological Water Treatment Systems

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4 Materials

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4.2.3 Exposure

4.2.3.1 The system or component(s) of a system shall be installed, flushed, and conditioned in accordance with the manufacturer's instructions using the exposure water specified in Section 4.2.2 at an initial inlet static pressure of 340 kPa (50 psig). Nonpressurized systems, e.g., pour through products, shall be exposed at atmospheric pressure.

4.2.3.2 The system or component(s) shall be refilled with the exposure water specified in Section 4.2.2 and maintained for 24 h at a~~n ambient~~ temperature of 23 ± 2 °C (73 ± 3 °F). A ~~2 L~~ water sample shall then be collected in accordance with Section 4.2.3.3. The system or component(s) shall be flushed according to the manufacturer's instructions, refilled, and maintained for another 24 h at a~~n ambient~~ temperature of 23 ± 2 °C (73 ± 3 °F). A second ~~2 L~~ water sample shall be collected in accordance with Section 4.2.3.3. The system or component(s) shall again be flushed according to the manufacturer's instructions, refilled, and maintained for a third period of 24 h at a~~n ambient~~ temperature of 23 ± 2 °C (73 ± 3 °F). A third ~~2 L~~ water sample shall be collected in accordance with Section 4.2.3.3.

4.2.3.3 ~~A minimum sample volume of 2 L shall be collected at each sample point.~~ A daily 2-L collection volume is recommended to ensure there is sufficient volume in the composite sample to conduct the requested analyses. If the water holding volume of the product is greater than 2 L, the entire volume shall be collected in a suitable collection vessel, and a 2-L subsample obtained from this volume. If the water holding volume of the product is less than 2 L, sufficient samples shall be exposed to provide at least 1/3 of the volume required for analysis ~~the required 2 L volume~~ of extractant water at each sample point. The maximum number of samples exposed shall not exceed 16 with 125 mL of extractant water drawn from each sample. If the components with a water holding volume that is less than 250 mL and is able to be identified as one that will only occur once in the flow path of dispensed treated water (such as diverters, faucets, RO shutoff valves, or specialty components) then a volume of 250 mL shall be drawn from each sample using a maximum number of eight samples.

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Rationale: These changes were successfully balloted as 42i118r1 et al on 8/3/2021, but NSF/ANSI 55 was inadvertently missing from that ballot. The last two sentences of 4.2.3.3 were added and "ambient" was removed for consistency with the balloted standards.

[Rationale from 42i118r1 et al: Revises the minimum daily sample volume of 2 L from a requirement to a recommendation per the 2021 May DWTU JC meeting discussion. In the case that the requested analyses require less than 2 L, a smaller volume will be sufficient and more cost effective.]

Tracking number 55i62r1 et al
Revision to NSF/ANSI 55-2021
Issue 62 Revision 1 (August 2022)

Multiple revisions to 55i62r1 and 244i19r1

[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 gray highlighting. Rationale statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard 55
for Drinking Water Treatment Units

Ultraviolet Microbiological Drinking Water Treatment Systems

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Normative Annex 1

Ultraviolet water treatment systems microbial reduction – MS-2 and T1 procedures

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N-1.8 Culture of challenge organisms

N-1.8.1 MS-2 coliphage

N-1.8.1.1 Stock culture preparation of MS-2 coliphage

NOTE — This section describes the propagation and harvesting methods for stock suspensions of MS-2 coliphage for use as a challenge suspension for low flow (< 1 GPM) water treatment units. If units possessing a flow rate greater than 1 GPM are to be tested, the stock preparation procedure may have to be repeated multiple times to achieve the required volume of MS-2 coliphage. This method should also be repeated when cryogenic stocks are low.

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f) ~~For long-term storage (greater than 28 d), $^{1}/_{10}$ volume of sterile glycerol shall be added to suspension, dispensed into 1-mL and 3-mL aliquots in cryovials, and stored at -70 ± 1 °C (-94 ± 1 °F).~~ Working stocks of bacteriophage (large volume stocks used for challenge preparation) shall be stored in the dark at 2-8 ˚C (36-46 ˚F) for up to 5 years. Propagation freezer stocks (small volume stocks used to produce working stock) of bacteriophage shall be stored in a $^{1}/_{10}$ volume of sterile glycerol added to the suspension and dispensed into between 1-mL and 3-mL aliquots in cryovials, and stored at -70 ± 1 °C (-94 ± 2 °F). When those storage conditions are applied, there is no expiration date to follow as long as QC on the propagation stock is performed and acceptable.

⋮

Rationale: Based on lab testing of coliphages years after preparation, it was determined that working stocks can be stored up to 5 years and propogation freezer stocks indefinitely.

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Normative Annex 2

Ultraviolet water treatment systems microbial reduction – Qβ procedures

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N-2.7 Culture of challenge organisms

N-2.7.1 Qβ coliphage

N-2.7.1.1 Stock culture preparation of Qβ coliphage

NOTE — This section describes the propagation and harvesting methods for stock suspensions of Qβ coliphage for use as a challenge suspension for low flow (< 1 GPM) water treatment units. If units possessing a flow rate greater than 1 GPM are to be tested, the stock preparation procedure may have to be repeated multiple times to achieve the required volume of Qβ coliphage. This method should also be repeated when cryogenic stocks are low.

• • •

f) ~~For long-term storage (greater than 28 d), $^{1}/_{10}$ volume of sterile glycerol shall be added to suspension, dispensed into 1- and 3-mL aliquots in cryovials, and stored at -70 ± 1 °C (-94 ± 2 °F).~~ Working stocks of bacteriophage (large volume stocks used for challenge preparation) shall be stored in the dark at 2-8 ˚C (36-46 ˚F) for up to 5 years. Propagation freezer stocks (small volume stocks used to produce working stock) of bacteriophage shall be stored in a $^{1}/_{10}$ volume of sterile glycerol added to the suspension and dispensed into between 1-mL and 3-mL aliquots in cryovials, and stored at -70 ± 1 °C (-94 ± 2 °F). When those storage conditions are applied, there is no expiration date to follow as long as QC on the propagation stock is performed and acceptable.

• • •

Rationale: Based on lab testing of coliphages years after preparation, it was determined that working stocks can be stored up to 5 years and propogation freezer stocks indefinitely.

NSF/ANSI Standard 244
for Drinking Water Treatment Units

Supplemental Microbiological Water Treatment Systems — Filtration

⋮

N-2.8 Preparation of challenge organisms

N-2.8.1 fr coliphage

N-2.8.1.1 Stock culture preparation of fr coliphage

NOTE — This section describes the propagation and harvesting methods for stock suspensions of fr coliphage for use as a challenge suspension for low flow (< 1 GPM) water treatment units. If units possessing a flow rate greater than 1 GPM are to be tested, the stock preparation procedure may have to be repeated multiple times to achieve the required volume. This method shall also be repeated when cryogenic stocks are low.

⋮

f) ~~For long-term storage (greater than 28 d), add $^{1}/_{10}$ volume of sterile glycerol to suspension, dispense into 1-mL and 3-mL aliquots in cryovials, and store at -70 ± 1 °C (-94 ± 1 °F).~~
Working stocks of bacteriophage (large volume stocks used for challenge preparation) shall be stored in the dark at 2-8 ˚C (36-46 ˚F) for up to 5 years. Propagation freezer stocks (small volume stocks used to produce working stock) of bacteriophage shall be stored in a $^{1}/_{10}$ volume of sterile glycerol added to the suspension and dispensed into between 1-mL and 3-mL aliquots in cryovials, and stored at -70 ± 1 °C (-94 ± 2 °F). When those storage conditions are applied, there is no expiration date to follow as long as QC on the propagation stock is performed and acceptable.

⋮

N-2.8.2 MS-2 coliphage

N-2.8.2.1 Stock culture preparation of MS-2 coliphage

NOTE — This section describes the propagation and harvesting methods for stock suspensions of MS-2 coliphage for use as a challenge suspension for low flow (< 1 GPM) water treatment units. If units possessing a flow rate greater than 1 GPM are to be tested, the stock preparation procedure may have to be repeated multiple times to achieve the required volume of MS-2 coliphage. This method should also be repeated when cryogenic stocks are low.

⋮

f) ~~For long-term storage (greater than 28 d), add $^{1}/_{10}$ volume of sterile glycerol to suspension, dispense into 1-mL and 3-mL aliquots in cryovials, and store at -70 ± 1 °C (-94 ± 1 °F).~~
Working stocks of bacteriophage (large volume stocks used for challenge preparation) shall be stored in the dark at 2-8 ˚C (36-46 ˚F) for up to 5 years. Propagation freezer stocks (small volume stocks used to produce working stock) of bacteriophage shall be stored in a $^{1}/_{10}$ volume of sterile glycerol added to the suspension and dispensed into between 1-mL and 3-mL aliquots in cryovials, and stored at -70 ± 1 °C (-94 ± 2 °F). When those storage conditions are applied, there is no expiration date to follow as long as QC on the propagation stock is performed and acceptable.

⋮

Rationale: Based on lab testing of coliphages years after preparation, it was determined that working stocks can be stored up to 5 years and propogation freezer stocks indefinitely.

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NSF/ANSI Standard
for GMP for Dietary Supplements –

Good Manufacturing Practices for Dietary Supplements

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2 Normative references

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21 CFR Part 121, *Mitigation Strategies To Protect Food Against Intentional Adulteration*[3]

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4.3 Planning

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4.3.5 A crisis management plan is developed to manage significant disruptive events, including, but not limited to, natural disasters and catastrophic events that may impact the ability of the manufacturer to deliver a safe product.

4.3.6 A documented Food Defense Plan shall be implemented that includes a vulnerability assessment and mitigation strategies. Procedures shall be established for monitoring, corrective actions, and verification of the plan and strategies. The Food Defense Plan shall be evaluated as necessary or a minimum of every three years and must be approved by Management. [21 CFR § 121]

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NSF/ANSI Standard
for GMP for Dietary Supplements –

Good Manufacturing Practices for Dietary Supplements

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4 Audit Requirements

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4.1 Context of the organization

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4.1.3 ~~US FDA facility and Bioterrorism~~ ~~r~~Registrations and process filings required by the country of manufacture and country of sale shall be current ~~and maintained~~. ~~(physical address, scope, expiration dates, etc.)~~

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NSF/ANSI Standard
for GMP for Dietary Supplements –

Good Manufacturing Practices for Dietary Supplements

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4 Audit Requirements

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4.5 Operation

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~~**4.4.20**~~ **4.5.10** Procedures and programs shall be established for ~~maintaining~~ ~~equipment including for~~ calibration of all instruments, controls, automated, mechanical, laboratory, and electronic equipment, etc. [~~21 CFR § 111.25~~ 21 CFR § 111.27(b) & 21 CFR § 111.35(ab) & 21 CFR § 111.130(c)]

~~**4.4.21**~~ **4.5.11** Instruments and controls that are important to product quality and safety shall be accurate and precise, adequately maintained, and adequate in number. [21 CFR § 111.27(a6)]

~~**4.4.22**~~ **4.5.12** Complete records shall be made and kept of any calibration of instruments and controls that are important to product quality and safety. [21 CFR § 111.35(b3)(b4) & 21 CFR § 111.113 (a4)]

~~**4.4.23**~~ **4.5.13** QC operations shall review and approve all processes and procedures for calibrating equipment, instruments, and controls, including the periodic review of calibration records, etc. [21 CFR § 111.113(a4) & 21 CFR § 111.117]

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NSF/ANSI Standard
for GMP for Dietary Supplements –

Good Manufacturing Practices for Dietary Supplements

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4 Audit Requirements

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4.5 Operation

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4.5.15 The plant shall have a documented preventive maintenance program. [21 CFR § 111.25(c)]

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Truss Plate Institute
TPI 1-2022 Project Committee
Revisions to TPI 1-2014

August 15, 2022

Substantive Revisions to ANSI/TPI 1-2014 since 5/30/2022

"National Design Standard for Metal Plate Connected Wood Truss Construction"
(8/15/2022)

Note: The revisions listed below are the substantive changes that were made following the first public review of the revisions and updates to ANSI/TPI 1-2014. This list includes only the new changes since the close of the April 15, 2022 – May 30, 2022, public review. All other changes included in the April 15th public review will remain.

CHAPTER 3

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3.5.1 General.

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Table 3.5-1 In-Plant Manufacturing Tolerances for Finished Truss Units.

	Truss-to-Truss Variance Dimension of Identical Trusses	Variance from Design Dimensions
Length[1] of Finished Roof Truss Unit	1/2 inch	3/4 inch
Height[2] of Finished Roof Truss Unit	1/4 inch	1/2 inch
~~Length[3] of Finished Floor Truss Unit~~	~~1/4 inch~~	~~1/4 inch~~
~~Height[4] of Finished Floor Truss Unit~~	~~1/8 inch~~	~~1/8 inch~~

1. Length for manufacturing tolerance purposes, is the overall length of the Roof Truss unit, excluding overhangs or extensions.
2. Height, for manufacturing tolerance purposes, is the overall height of the Roof Truss unit measured at joints, excluding projections above the Top Chord and below the Bottom Chord, overhangs, and extensions.

~~3. Length, for manufacturing tolerance purposes, is the overall length of the Floor unit.~~

~~4. Height, for manufacturing tolerance purposes, is the overall depth of the Floor unit.~~

Truss Plate Institute
TPI 1-2022 Project Committee
Revisions to TPI 1-2014

August 15, 2022

CHAPTER 6

…

6.1.1.3.2 Rotational Stiffness of Joints

Joints with Metal Connector Plates with integral teeth shall be permitted to be modeled with a rotational stiffness limited to not exceed the following.

a) Joints of wood Chord members that are collinear with wood-to-wood bearing on end grain for both members (such as end-to-end joints typical of Chord splices) and are plated with a Metal Connector Plate with integral teeth on each face (two faces) of the joint which covers the joint to within 0.5 inches (12 mm) of each end of the joint, shall be permitted to be modeled as rotationally rigid.
b) Joints that satisfy the requirements of section (a), except ~~that~~ that the members are not collinear or the wood-to-wood bearing is not on end grain, shall be permitted to be modeled with a rotational stiffness, k, for each Chord plate area not exceeding 50 percent of the adjacent Chord member EI, with k in units of lb-in/rad and EI in units of lb-in^2 (2 percent of the adjacent chord member EI for metric units with k in units of N-mm/rad and EI in units of N-mm^2), using the lower EI of either Chord member at the joint if the Chords have different values of EI.
c) Heel joints shall be permitted to be modeled as rotationally rigid.
d) Joints between wood Chord members not meeting the requirements of sections (a), (b) or (c) shall be modeled with a rotational stiffness, k, for each Chord plate area not exceeding 25 percent of the adjacent Chord member EI, with k in units of lb-in/rad and EI in units of lb-in^2 (1 percent of the adjacent Chord member EI, with k in units of N-mm/rad and EI in units of N-mm^2), using the lower EI of either Chord member at the joint if the Chords have different values of EI.
e) Joints between a Chord member and a Web member shall be modeled by methods known to be accurate in not overestimating the joint stiffness including the effects of plate size and the larger gaps typically permitted between Chords and Webs.

…

~~**6.2.2.3 Dead Loads for Determining Wind Uplift.**~~

~~The dead load used in determining wind uplift shall not exceed 0.6 times the minimum expected actual weight of the materials.~~

…

Table 6.4-7 Time Effect Factors, λ (LRFD Only).	
Load Combination*	Time Effect Factor (λ)
1.4D	0.6
1.2D + 1.6L + 0.5(L_r or S or R)	~~0.6~~0.7 (when L is from storage) 0.8 (when L is from occupancy) 1.25 (when L is from impact**)
1.2D + 1.6(L_r or S or R) + (L or 0.5W)	~~0.7~~0.8 ~~(when L is from storage)~~ ~~0.8 (when L is from occupancy)~~ ~~1.25 (when L is from impact**)~~
1.2D + 1.0W + L + 0.5(L_r or S or R)	1.0
1.2D + 1.0E + L + 0.2S	1.0
0.9D + 1.0W	1.0
0.9D + 1.0E	1.0
Notes: *Load combination and load factors consistent with ASCE 7-~~10~~16 are listed for ease of reference. Nominal loads shall be in accordance with section 6.2.1. **Time effect factors greater than 1.0 shall not apply to connections or to structural members pressure-treated with water-borne preservatives or fire retardant chemicals.	

CHAPTER 7

7.3.2.1 Web Member Reinforcement

Web members reinforced with partial-length wood members attached to the narrow or wide face as per Figure 7.3-1 to increase buckling capacity shall be designed per 7.3.2.1.1 and 7.3.2.1.2 respectively. For reinforcements that are 1.5 inches (38 mm) thick or less, attachment shall be made with minimum 0.131 inch (3.33 mm) diameter x 3 inch (76 mm) long nails spaced no greater than 6 inches (153 mm) on center throughout the reinforcement. ~~The reinforcement member(s) shall be attached with minimum 10d (0.131 in. (3.33 mm) diameter x 3 in. (76 mm) long) nails spaced no greater than 6 in. (153 mm) on center throughout the reinforcing member.~~

…

7.3.2.1.2 Reinforced Sections Not Concentric with Truss

When a Web member is reinforced such that the centerline of the reinforced section is not concentric with the Truss centerline, such as in the case of Scab reinforcement, the applied moment due to eccentricity, M_e, shall be determined as:

$$M_e = P_c \times e$$

where:

e is the eccentricity between the centerline of the Truss thickness and the neutral axis of the reinforcement or transformed reinforcement if the MOE is different from the reinforced Truss member. ~~e is the eccentricity between the reinforced cross-section's centroid and the centerline of the Truss thickness, and the~~ The combined stress due to bending stress (f_{br}) and axial stress (f_c) must satisfy the following:

$$\left(\frac{f_c}{F_{cr}'}\right)^2 + \left[\frac{f_{br}}{F_b' \times \left(1 - \frac{f_c}{F_{cEr}}\right)}\right] \leq 1.00$$

(E7.3-6)

where:

$$f_{br} = \frac{M_e \times y}{I_{eff}}$$

y = distance from neutral axis, with respect to weak axis buckling, of reinforced cross-section to the farthest edge

F_b' = allowable bending stress for the Web member

BSR/UL 231, Standard for Safety for Power Outlets

1. Revision of Requirements for Power Outlets with Ground-Fault Circuit-Interrupter Protection

PROPOSAL

Table 8.1
Required receptacle<u>s</u> ~~patterns~~

Power outlet or power outlet fitting marking[a]	Non-locking grounding type receptacle configurations (see Figure 8.1)					Locking and grounding type receptacle configurations (see Figure 8.2)				Pin-and-sleeve type configurations (see Figure 8.3)
	5-15R[b] 15 A, 125 V	5-20R[b] 20 A, 125 V	TT-30R[b] 30 A, 125 V	14-50R[b] 50 A, ~~125 – 250~~ 125/250 V	Other types	30 A, 125 V <u>or 250 V or 125/250 V or 120/208 3ØY</u>	50 A, ~~125 – 250~~ 125 V <u>or 125/250 V</u>	Other types	Other ratings	~~60 – 100~~ <u>60</u> A <u>or higher</u>, ~~125 – 250~~ <u>125 V, or 125/250 V or 120/208/3ØY</u>
No marking for service equipment	A[e]	A[e]	A[e]	A[e]	A[e]	A[e]	A[e]	A[e]	A[e]	A[e]
Temporary site service equipment	A[e]	A[e]	A[e]	A[e]	A[e]	A[e]	A[e]	A[e]	A[e]	A[e]
Mobile home service equipment	A[e]	A[e]	A[e]	A[e]	A[~~e~~, e]	A[e]	A[e]	A[~~e~~, e]	A[~~e~~, e]	A[e]
Recreational vehicle site supply equipment	A[e]	R[~~e~~, f]	R[~~e~~, f]	R[e, f]	A[~~e~~, e]	A	A[e]	A[~~e~~, e]	A[~~e~~, e]	A[e]
Marina and boatyard service equipment; marina type equipment	A[~~e~~, g]	A[~~e~~, g]	N[d, g]	N[d, g]	A[~~e~~, g]	R[h]	R[~~c.~~ h]	Aj	N	R[h]
Service equipment	N[i]	N[i]	N[i]	N[i]	N[i]	N[i]	N[i]	N[i]	N[i]	N[i]

~~NOTE~~ NOTES ~~– The letter coding used in this table is defined as follows:~~
~~A – May be used; N – Shall not be used; R – Required to be used~~

<u>1 – The letter coding used in this table is defined as follows:</u>

<u>A – May be used; N – Shall not be used; R – Required to be used</u>

	Non-locking grounding type receptacle configurations (see Figure 8.1)					Locking and grounding type receptacle configurations (see Figure 8.2)				Pin-and-sleeve type configurations (see Figure 8.3)
Power outlet or power outlet fitting marking[a]	**5-15R[b]** **15 A, 125 V**	**5-20R[b]** **20 A, 125 V**	**TT-30R[b]** **30 A, 125 V**	**14-50R[b]** **50 A, ~~125 – 250~~ 125/250 V**	**Other types**	**30 A, 125 V or 250 V or 125/250 V or 120/208 3ØY**	**50 A, ~~125 – 250~~ 125 V or 125/250 V**	**Other types**	**Other ratings**	**~~60 – 100~~ 60 A or higher, ~~125 – 250~~ 125 V, or 125/250 V or 120/208/3ØY**

2 – Ground-fault circuit-interrupter protection for personnel shall be provided as specified in Ground-fault circuit-interrupter (GFCI) protection for personnel and ground-fault protection of equipment (GFPE), Section 8.5.

[a] When marked for any combination of services, the receptacles provided shall include those required for each use.

[b] Receptacle pattern as specified in the Standard for Wiring Devices – Dimensional Specifications, ANSI/NEMA WD 6.

[c] ~~Ground-fault circuit protection for personnel shall be provided as specified in Ground-fault circuit protection for personnel, Section 8.5.~~ *Deleted*

[d] The receptacle patterns may be used if the power outlet is not restricted to use only as temporary site, mobile home, or marina and boatyard service equipment.

[e] 125/240 volt receptacles are to be marked in accordance with 35.18.

[f] A receptacle to supply electric power to a recreational vehicle shall be one of the three configurations noted with the letter code "R."

[g] These receptacles shall be marked as described in 35.59 as not to be used to supply power to boats.

[h] Receptacles provided to supply shore power to boats shall be one or more of the following types: A receptacle of the locking and grounding type shall be rated not less than 30 A or more than 50 A, and shall be one of the configurations shown in Figure 8.2. Receptacles of the pin and sleeve type shall be rated 60 A or higher, and shall be one of the configurations shown in Figure 8.3.

[i] Receptacles may be provided only in accordance with 8.2.4.

[j] Other locking and grounding type receptacles, with 30 A, 125 V or 50 A 125 – 250 V ratings, that are marked for use in marina or boatyard applications, may be provided in addition to the required receptacle configurations.

8.5 Ground-fault circuit-interrupter (GFCI) protection ~~(GFCI)~~ for personnel and ground-fault protection of equipment (GFPE)

8.5.1 Unless modified by provisions in 8.5.3 – 8.5.7, all 125-volt through 250-volt receptacles intended to be supplied by single-phase circuits rated 150 volts or less to ground, 50 A or less, and all receptacles supplied by three-phase ~~branch~~ circuits rated 150 volts or less to ground, 100 amperes or less and provided in a power outlet or fitting shall be provided with Class A ground-fault circuit-interrupter ~~protection~~ (GFCI) protection for personnel that complies with the Standard for Ground-Fault Circuit-Interrupters, UL 943. See markings in 35.57 – 35.60.

~~*Exception: Receptacles of the TT-30R pattern may omit ground-fault protection if marked as specified in 35.77.*~~

8.5.2 The GFCI protection for personnel shall be provided integral with the power outlet or fitting and the test and reset actuators of the GFCI shall be accessible without the use of tools. Provisions for locking a cover shall not be considered as restricting access. See also 8.2.8.

Exception: A power outlet or fitting with a current rating of 100 A or less, and a loop feed rating (if provided) of 100 A or less, may omit the GFCI protection when marked in accordance with ~~35.80~~ 35.77.

35.77 ~~A power outlet not provided with ground-fault protection in accordance with the Exception to 8.5.1 shall be marked "For use only for recreational vehicles" or equivalent~~ Units without integral ground-fault circuit-interrupter (GFCI) protection for personnel, as permitted in the Exception to 8.5.2, shall be marked "Ground-fault circuit-interrupter (GFCI) protection is not provided as part of this power outlet. If GFCI protection is required, the power outlet shall be installed on a GFCI protected circuit", or equivalent.

~~35.80 Units without integral ground-fault circuit protection (GFCI) for personnel, as permitted in the Exception to 8.5.2, shall be marked "Ground-fault circuit protection (GFCI) protection is not provided as part of this power outlet. If GFCI protection is required, the power outlet shall be installed on a GFCI protected circuit", or equivalent.~~

BSR/UL 746B, Standard for Safety for Polymeric Materials – Long Term Property Evaluations

1. Removal of Dated References from ASTM Standards Referenced in Paragraph 9.1.1

PROPOSAL

9.1.1 The thermal-aging ovens that are used in the aging program shall comply with the Standard Test Methods for Forced-Convection Laboratory Ovens for Evaluation of Electrical Insulation, ASTM D 5374~~-93~~[a], and with the Standard Specification for Forced-Convection Laboratory Ovens for Evaluation of Electrical Insulation, ASTM D 5423~~-93~~[a] for Type I ovens, primarily with respect to Rate of Ventilation, Set Temperature, Temperature Variation and Thermal Lag Time.

Exception: Non air-circulating static ovens and/or forced-draft circulating-air convection ovens not capable of providing replacement of fresh air at the rate of not less than 5 changes per hour may be employed provided that:

a) The oven is capable of maintaining the Set Temperature, Temperature Variation and Thermal Lag Time described in ASTM D 5423~~-93~~[a]. The Thermal Lag Time is not applicable if the oven is not subjected to frequent openings, and if the ratio of oven aging time to open-oven time is large.
b) The products of the material decomposition are not expected to further degrade the polymer – in other words, shall not be autocatalytic, and

c) A control material of known performance is aged in the same ovens and for the same time duration as the candidate materials.

~~[a] ASTM standards are available from the American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428.~~

BSR/UL 796F, Standard for Flexible Materials Interconnect Constructions

1. Clarification of ANSI-like Program Wording for Clause 8.2.2

PROPOSAL

8.2.2 When the alternate base dielectric material and adhesive combination have been previously investigated for flammability classification in accordance with the Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances, UL 94, and/or the Standard for Polymeric Materials – Flexible Dielectric Film Materials for Use in Printed Wiring Boards and Flexible Materials Interconnect Constructions, UL 746F, flammability testing is not required to add alternate base materials to an established ~~Flammability Only~~ FMIC when the alternate base dielectric material and adhesive combination meets the following requirements:

a) The alternate film shall be the same generic polyimide type as the previously evaluated film and adhesive combination with the FMIC;
b) The alternate film shall be used with the same adhesive and adhesive thickness or shall be adhesiveless the same as the previously evaluated film with the FMIC;

c) The alternate film minimum thickness shall be equal to or less than the film minimum thickness previously evaluated with the FMIC;

d) The alternate film maximum thickness shall be equal to or greater than the film maximum thickness previously evaluated with the FMIC;

e) The alternate film shall have a V-0 or VTM-0 flammability rating the same as previously evaluated film with the FMIC; and

f) The alternate film and adhesive combination shall have a flammability rating equal to the previously evaluated flammability rating of the FMIC.

BSR/UL 2442, Standard for Wall- and Ceiling-Mounts and Accessories

1. Proposed Revision Of And Addition Of Requirements To Allow For Mounts Or Lifts To Descend Lower Than 8 Feet Above The Floor When The Equipment Is Provided With Interlock Controls That Comply With New Interlock Construction Requirements

PROPOSAL

51A.1 A motor-operated ~~ceiling-mounted video projector or screen mount~~ ceiling-mount or lift which may descend to a height lower than 8 ft (2.44 m) above the floor shall be designed so that it can only be actuated by a trained operator in order to cause it to descend to a height lower than 8 ft (2.44 m) above the floor, and is considered to comply with Mechanical Enclosures and Guards, Section 51.1, when the mount complies with all of the following conditions: