ANSI STANDARDS ACTION

PUBLISHED WEEKLY BY THE AMERICAN NATIONAL STANDARDS INSTITUTE 25 W43RD STREET NY, NY 10036

VOL. 53, NO. 15 APRIL 15, 2022

CONTENTS

ISSN 0038-9633

Project Initiation Notification System (PINS)

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

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

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

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 180-202x, Standard for the Selection and Evaluation of GenBank® Results for Taxonomic Assignment of Wildlife (new standard)
Stakeholders: Wildlife forensic practitioners

Project Need: As it stands now, there is not a standard covering the requirements for the use of GenBankÂ®in forensic casework. This document will outline these requirements to ensure GenBankÂ® results are obtained and used properly in the field of wildlife forensics.

Scope: Academics and Researchers; General Interest; Jurisprudence and Criminal Justice; Organizations; Producers; User Government; User Non-Government

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK81401-202x, Reinstatement of E541-10, Standard Specification for Agencies Engaged in System Analysis and Compliance Assurance for Manufactured Building (new standard)
Stakeholders: Agencies Performing Construction Inspection, Testing and Special Inspection Industry

Project Need: Proposed tiny house standards will reference sections of this standard. This standard is crucial to contributing to an open marketplace to allow new third party agencies to be established.

Scope: This standard is currently used and referenced in publications including An Index Of US Voluntary Engineering Standards and has been referenced by HUD since the 1970's. ASTM E541 is currently being referenced in Ca. HDC (California Housing And Community), the Interstate Industrialized Building Commission, the N.H. Code Admin. R. Saf-C 3302.01, and various states including Maine, Illinois, and Virginia. Other countries including Germany, Norway, Britain, Russia, China, and Japan reference ASTM E541.

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK81402-202x, Reinstatement of E651/E651M-01(2008), Standard Practice for Evaluating Capabilities of Agencies Involved in System Analysis and Compliance Assurance for Manufactured Building (new standard)

Stakeholders: Agencies Performing Construction Inspection, Testing and Special Inspection Industry

Project Need: Proposed tiny house standards will reference sections of this standard. This standard is crucial to contributing to an open marketplace to allow new third-party agencies to be established.

Scope: E651 is a companion standard practice referenced and used in conjunction with E541. Both standards are being balloted for reinstatement. E541 "Standard Specification for Agencies Engaged in System Analysis and Compliance Assurance for Manufactured Building" is currently used and referenced in publications including An Index Of US Voluntary Engineering Standards and has been referenced by HUD since the 1970s. ASTM E541 is currently being referenced in Ca. HDC (California Housing And Community), the Interstate Industrialized Building Commission, the N.H. Code Admin. R. Saf-C 3302.01, and various states including Maine, Illinois, and Virginia. Other countries including Germany, Norway, Britain, Russia, China, and Japan reference ASTM E541. Third-party agencies have long used this standard as a guide to meet the personnel requirements of an AHJ.

AWS (American Welding Society)

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

Revision

BSR/AWS B2.1/B2.1M-202x, Specification for Welding Procedure and Performance Qualification (revision of ANSI/AWS B2.1/B2.1M-2021)

Stakeholders: Welders, inspectors, engineers, manufacturers, CWIs

Project Need: Guidance is required on how to qualify procedures and personnel

Scope: This specification provides the requirements for qualification of welding procedure specifications, welders, and welding operators for manual, semiautomatic, mechanized, and automatic welding. The welding processes included are electrogas welding, electron beam welding, electroslag welding, flux cored arc welding, gas metal arc welding, gas tungsten arc welding, laser beam welding, oxyfuel gas welding, plasma arc welding, shielded metal arc welding, stud arc welding, and submerged arc welding. Base metals, filler metals, qualification variables, welding designs, and testing requirements are also included.

CSA (CSA America Standards Inc.)

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

Revision

BSR Z21.1-2018/CSA 1.1-2018, Household cooking gas appliances, same as 1.1b-202x (revision of ANSI Z21.1-2018/CSA 1.1-2018)

Stakeholders: Manufacturers, installers, consumers

Project Need: Update the amendment of the current standard to add new coverage for appliances that are smart enabled.

Scope: This standard applies to newly produced household cooking gas appliances hereinafter referred to as units or appliances, constructed entirely of new, unused parts, and materials. These appliances may be floor supported or built-in

CTA (Consumer Technology Association)

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

Addenda

BSR/CTA 2045-B Amendment 1-202x, Modular Communications Interface for Energy Management (addenda to ANSI/CTA 2045-B-2021)
Stakeholders: consumers, manufacturers, utilities, service providers, retailers

Project Need: Amend CTA-2045 to resolve errors found during testing and make updates.

Scope: This document is a specification for a modular communication interface. The specification details the mechanical, electrical, and logical characteristics of a socket interface that allows communication devices to be separated.

IEEE (Institute of Electrical and Electronics Engineers)

Lisa Weisser; l.weisser@ieee.org | 445 Hoes Lane | Piscataway, NJ 08854-4141 www.ieee.org

New Standard

BSR/IEEE 3139-202x, Guide for Power Quality Data Analytics (new standard)
Stakeholders: The stakeholders for this project include manufacturers and users of power quality monitoring instruments and users of measurements from power quality monitoring instruments, including electric power providers and commercial/industrial electric power consumers. Additional stakeholders are commercial companies and academic/institutional researchers that produce computer software or algorithms focused on PQ data analytics and end users of these software or algorithms.

Project Need: Power quality data analytics is an enabling technology for power providers and power consumers to harness their power quality data and use it to identify new opportunities. This leads to better business strategy, more efficient operations, and less downtime. There is no current IEEE guide that summarizes issues related to power quality data collection, management, analysis, algorithm development, and application that result in a successful program of power quality data analytics research. Users of this guide will find methods of using PQ data analytics to reduce costs due to PQ problems and make faster, better decisions related to PQ issues.

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

Scope: This guide provides an overview of new and existing methods to extract meaningful information from power quality (PQ) data using data analytics. PQ data may include value logs (time series), waveforms (point on wave), phasors, spectrums, and characteristics recorded during PQ disturbances such as voltage sags, voltage swells, transients, rapid voltage change events, and metadata related to PQ data. Analytic techniques such as feature engineering, transformation, and machine learning are presented. Pre-processing of data includes methods for data collection, wrangling, structuring, and data quality. Effective methods of presentation and reporting of data are covered, including charting, geospatial, and other visualizations. Case studies are provided demonstrating examples of PQ data analytics. Roles of personnel managing PQ data analytics are included. These can include PQ subject matter experts, data engineers, data analysts, data scientist, and end-users/stakeholders.

IEEE (Institute of Electrical and Electronics Engineers)

Lisa Weisser; l.weisser@ieee.org | 445 Hoes Lane | Piscataway, NJ 08854-4141 www.ieee.org

New Standard

BSR/IEEE 62271-37-082-202x, High-voltage Switchgear and Controlgear - Part 37-082: Standard Practice for the Measurement of Sound Pressure Levels on Alternating Current Circuit-breakers (new standard)
Stakeholders: The stakeholders for the standard are users, industry, field engineers and manufacturers.

Project Need: A project is needed to reaffirm the existing standard with concurrence from IEC. The IEC revision date is not harmonized with the IEEE revision date and occurs in 2024.

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

Scope: As part of the Dual Logo Agreement between IEEE and IEC, this standard is denoted IEC/IEEE 62271-37 -082. This standard provides methods for the measurement of sound pressure level produced by outdoor alternating current circuit-breakers in a free-field environment. These methods may also be used indoors or in restricted field, provided that precautions are observed in the measurement and interpretation of the results.

IEEE (Institute of Electrical and Electronics Engineers)

Lisa Weisser; l.weisser@ieee.org | 445 Hoes Lane | Piscataway, NJ 08854-4141 www.ieee.org

New Standard

BSR/IEEE C37.04a-202x, Standard for Ratings and Requirements for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V - Amendment: Changes to construction requirements and clarification of certain related required capabilities (new standard)
Stakeholders: Users of high voltage circuit breakers, manufacturers and consultants.

Project Need: This project will correct and clarify issues in areas noted in the scope raised by users since the document was issued and update information which was imported from NEMA SG4, which was last revised in 2009 and requires further improvement.

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

Scope: This amendment will address items discovered by users related to discrepancies with other industry standards:
Harmonize pollution levels for normal service condition.
Improve definition of low temperature requirements.
Further define requirements for capacitive switching class C0.
Clarify required electrical service capability.
Harmonize temperature limitations for contacts in non-oxidizing gases.
Improve definition of interrupting time.
Implement requirements from IEEE C37.11 which are more properly in C37.04
Align material imported from NEMA SG-4 with current industry practices.

IEEE (Institute of Electrical and Electronics Engineers)

Lisa Weisser; l.weisser@ieee.org | 445 Hoes Lane | Piscataway, NJ 08854-4141 www.ieee.org

New Standard

BSR/IEEE C37.09a-202x, Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V - Amendment: Modifications to test procedures (new standard)
Stakeholders: Users of high-voltage circuit breakers, manufacturers and consultants.

Project Need: There is a need to implement corrections and new information essential to properly test AC high-voltage circuit breakers as well as further harmonize the standard with other industry standards.

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

Scope: This amendment implements corrections and adds new information essential to properly test AC high-voltage circuit breakers as well as further harmonize this document with other industry standards. Considered modifications are regarding the TRV values and their harmonization with IEC 62271-100 and IEEE C37.016, introduction of alternative testing procedures for T100s or introduction of an integrity check for vacuum circuit breakers.

IEEE (Institute of Electrical and Electronics Engineers)

Lisa Weisser; l.weisser@ieee.org | 445 Hoes Lane | Piscataway, NJ 08854-4141 www.ieee.org

Revision

BSR/IEEE C37.010-202x, Application Guide for AC High-Voltage Circuit Breakers 1000 Vac Rated on a Symmetrical Current Basis (revision of ANSI/IEEE C37.010-2016)
Stakeholders: Manufacturers and users of HV AC circuit breakers, specifiers, and consultants

Project Need: Several related standards have been changed since the last revision and therefore an update of this standard is needed. References need to be updated and checked.

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

Scope: This application guide applies to the ac indoor and outdoor high-voltage circuit breakers rated in accordance with the methods given in IEEE Std C37.04 and IEEE Std C37.04a and tested in accordance with IEEE Std C37.09 and IEEE Std C37.09a.1 Circuit breakers rated and manufactured to meet other standards should be applied in accordance with application procedures adapted to their specific ratings or applications.

IEEE (Institute of Electrical and Electronics Engineers)

Lisa Weisser; l.weisser@ieee.org | 445 Hoes Lane | Piscataway, NJ 08854-4141 www.ieee.org

New Standard

BSR/IEEE C37.016-202x, Standard for AC High Voltage Circuit Switchers Rated 15.5 kV through 245 kV (new standard)
Stakeholders: The stakeholders include electric utilities and industrial electric facilities.

Project Need: The small variations between IEEE C37.016 and IEEE C37.04, IEEE C37.09 and IEEE C37.100.1 create confusion for manufacturers, test labs and customers. Utility customers have requested that Transformer Limited Fault (TLF) should be harmonized with IEEE C37.06.1-2017

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

Scope: This standard specifies the basis of rating, preferred ratings, and test procedures for ac circuit switchers, which are designed for outdoor installation and for rated power frequencies of 50 Hz and 60 Hz and rated maximum voltages of 15.5 kV through 245 kV. The standard applies only to three-pole circuit switchers for use in three-phase systems. This standard also applies to the operating devices of circuit switchers and to their auxiliary equipment.

IEEE (Institute of Electrical and Electronics Engineers)

Lisa Weisser; l.weisser@ieee.org | 445 Hoes Lane | Piscataway, NJ 08854-4141 www.ieee.org

New Standard

BSR/IEEE C37.20.10-202x, Standard Definitions for AC (52 kV and below) and DC (3.2 kV and below) Switchgear Assemblies (new standard)
Stakeholders: Manufacturers, consultants, testing agencies, and end users of ac (52 kV and below) and dc (3.2 kV and below) switchgear assemblies

Project Need: The terms and definitions in the standard are intended to encompass the products within the scope of ac (48.3 kV and below for air insulated equipment, 52 kV and below for gas insulated equipment) and dc (3.2 kV and below) power switchgear assemblies, including components for switching, interrupting, metering, protection, and regulating purposes as used primarily in connection with generation, transmission, distribution, and conversion of electric power. The standard needs revision to remain active after its original expiration date.

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

Scope: This standard specifies terms and definitions that encompass products within the scope of ac (48.3 kV and below for air-insulated equipment, 52 kV and below for gas-insulated equipment) and dc (3.2 kV and below) power switchgear assemblies for switching, interrupting, metering, protection, and regulating purposes as used primarily in connection with generation, transmission, distribution, and conversion of electric power.

IEEE (Institute of Electrical and Electronics Engineers)

Lisa Weisser; l.weisser@ieee.org | 445 Hoes Lane | Piscataway, NJ 08854-4141 www.ieee.org

Revision

BSR/IEEE C37.96-202x, Guide for AC Motor Protection (revision of ANSI/IEEE C37.96-2012)
Stakeholders: Utilities, industrial power systems, consultants, motor manufacturers

Project Need: In recent task force discussions of the J subcommittee (Rotating Machinery) of the Power System Relaying and Control (PSRC) Committee it was determined that the present standard should be improved by including better guidance for determining relay settings, and to reflect recent PSRC work on motor bus transfer applications. Users of this proposed revision will have more tutorial information on motor characteristics that are pertinent to ac motor protection and monitoring. The guide will be revised to reflect state of the art motor thermal models.

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

Scope: This application guide presents generally accepted methods of protection and monitoring of ac motors. It identifies and summarizes the functions necessary for adequate protection of motors based on type, size, and application. The methods discussed in this guide are based on typical installations. Information relating to protection requirements, including microprocessor-based protection systems, applications, and setting philosophy is provided to enable the reader to determine required protective functions for motor installations. Relay protection of squirrel-cage, wound rotor induction motors, and synchronous motors is presented herein. This guide also summarizes the uses of relays and devices, individually and in combination, so the user may select the necessary equipment, to obtain adequate motor protection. This guide is concerned primarily with the protection of three-phase integral horsepower motors and motors associated with adjustable-speed drives. This guide does not purport to detail the protective requirements of all motors in every situation. What it does provide is enough information and guidance for the user to implement adequate protection for most applications.

IEEE (Institute of Electrical and Electronics Engineers)

Lisa Weisser; l.weisser@ieee.org | 445 Hoes Lane | Piscataway, NJ 08854-4141 www.ieee.org

Revision

BSR/IEEE C37.232-202x, Standard for Common Format for Naming Time Sequence Data Files (COMNAME) (revision of ANSI/IEEE C37.232-2011)
Stakeholders: Utilities, Dynamic Monitoring Equipment (DME) manufacturers, independent system operators

Project Need: The standard continues to gain in popularity and has been adopted by a large number of utilities, independent system operators, and manufacturers. The North American Electric Reliability Corporation (NERC) and the Northeast Power Coordinating Council (NPCC) have required use of the standard as well.

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

Scope: This standard defines a procedure for naming time sequence data (TSD) files that originate from digital protection and measurement devices, such as transient data records, event sequences, and periodic data logs. The filename includes, among other features, key portions of the information contained in the file, including, but not limited to, the names of the circuit, substation, and recording device, and the date and time of event occurrence.

IEEE (Institute of Electrical and Electronics Engineers)

Lisa Weisser; l.weisser@ieee.org | 445 Hoes Lane | Piscataway, NJ 08854-4141 www.ieee.org

Revision

BSR/IEEE C37.243-202x, Guide for Application of Line Current Differential Protection Using Digital Communications (revision of ANSI/IEEE C37.243-2015)
Stakeholders: engineers responsible for line protection and communications systems for protection

Project Need: The purpose of the project is to update the guide around the time of its expiration. The guide will be revised to include new technologies, knowledge, and techniques that have come into usage since the original version of the guide was published.

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

Scope: This guide presents line current differential protection using digital communications. Operating principles, synchronization methods, communication channel design, current transformer (CT) issues, backup protection considerations, testing methods, and troubleshooting fundamentals are included. It also provides specific guidelines for various application aspects including multi-terminal lines, series compensated lines, mutually coupled lines, line charging current, in-zone transformers and reactors, single-phase tripping and reclosing, as well as communications technologies.

IEEE (Institute of Electrical and Electronics Engineers)

Lisa Weisser; l.weisser@ieee.org | 445 Hoes Lane | Piscataway, NJ 08854-4141 www.ieee.org

New Standard

BSR/IEEE C37.431.40-202x, Standard for Functional Specifications of Medium (1 kV to 69 kV) Voltage Series and Shunt Electronic Devices for Dynamic Voltage Compensation (new standard)
Stakeholders: This standard directly impacts electric utility companies, users of electrical energy (supplied from the utility), and electric apparatus manufacturers.

Project Need: The standard resolves the need for two separate documents and provides benefit to users that require both series and shunt electronic device specifications for application on their medium voltage distribution network to support renewable energy initiatives towards decarbonization of the electrical power system.

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

Scope: This standard provides requirements for the preparation of a functional specification for a solid-state electronic series and shunt device used mainly to compensate for voltage fluctuation. The standard covers series and shunt devices rated to medium voltage. In general, a series device contains: a bidirectional converter, an energy storage device, and an injection transformer connected in series with the load and a normally open by-pass switch. A shunt device contains the same components as a series device except for a coupling transformer connected in parallel. The standard also covers the following equipment to assure proper interface with the electric network including voltage and current transformers, disconnect switches, circuit breakers, and three phase low voltage service for auxiliary power.

UAMA (ASC B7) (Unified Abrasives Manufacturers' Association)

Donna Haders; djh@wherryassoc.com | 30200 Detroit Road | Cleveland, OH 44145-1967 www.uama.org

Revision

BSR B7.1-202x, Safety Requirements for the Use, Care and Protection of Abrasive Wheels (revision of ANSI B7.1 -2017)

Stakeholders: Manufacturers, Consumers, Specialists

Project Need: There were previous items that needed further review and it was agreed those would be considered in the next (this) revision.

Interest Categories: Manufacturers, Consumers, Specialists

Scope: This standard sets for requirements for the safe use, care and protection of abrasive wheels and the machines for which they are designed. Included are the requirements for wheel guards, flanges, chucks and propert storage, handling and mounting techniques. Exclusions from this standard are natural sandstone, pulpstone and coated abrasive project (except Type 27 and 29 flap disc wheels)>. This standard also does not apply to machines using loose abrasives.

UL (Underwriters Laboratories)

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

New Standard

BSR/UL 62990-2-202x, Standard for Safety for Workplace Atmospheres – Part 2: Gas Detectors – Selection, Installation, Use and Maintenance of Detectors for Toxic Gases and Vapours (new standard)

Stakeholders: Manufacturers, supply chain, certification agencies, installers, and government representatives of toxic gas detection equipment for workplace atmospheres.

Project Need: To obtain national recognition of the US adoption of the IEC 62990-2 standard for replacement of the ANSI/ISA-92.00.02 standard in order to include the latest state of the art installation and use practices for toxic gas detection equipment in workplace atmospheres.

Interest Categories: Manufacturers, supply chain, certification agencies, installers, and government representatives.

Scope: This document gives guidance on the selection, installation, use and maintenance of electrical equipment used for the measurement of toxic gases and vapours in workplace atmospheres. The primary purpose of such equipment is to ensure safety of personnel and property by providing an indication of the concentration of a toxic gas or vapour and warning of its presence. This document is applicable to equipment whose purpose is to provide an indication, alarm or other output function to give a warning of the presence of a toxic gas or vapour in the atmosphere and in some cases to initiate automatic or manual protective actions. It is applicable to equipment in which the sensor automatically generates an electrical signal when gas is present.

VC (ASC Z80) (The Vision Council)

Michele Stolberg; ascz80@thevisioncouncil.org | 225 Reinekers Lane, Suite 700 | Alexandria, VA 22314 www.z80asc.com

Revision

BSR Z80.1-202x, Prescription Ophthalmic Lenses (revision of ANSI Z80.1-2020)

Stakeholders: All involved in Spectacle Lens eyewear production, distribution and use. Manufacturing, Labs, ECP's, FDA, Consumers, etc.

Project Need: Begin updating this standard to meet ANSI's 5 year review requirement.

Interest Categories: Nationwide organizations of manufacturers; Nationwide purchasers and users of products covered by ASC Z80 standards; Nationwide organizations of ophthalmic laboratories; Nationwide scientific, public and general interest groups; Federal agencies that are purchasers of ophthalmic materials; Individual members, companies and experts

Scope: This standard reflects the shift in utilization from mass-produced lenses to a basic dependence upon custom-processed lenses at the laboratory level. It does not represent tolerances that describe the state-of-the-art of the ophthalmic laboratory, but provides quality goals for new lenses prepared to individual prescription. The individual performance parameters listed in this standard can be achieved reliably.

Call for Comment on Standards Proposals

American National Standards

This section solicits public comments on proposed draft new American National Standards, including the national adoption of ISO and IEC standards as American National Standards, and on proposals to revise, reaffirm or withdraw approval of existing American National Standards. A draft standard is listed in this section under the ANSI-accredited standards developer (ASD) that sponsors it and from whom a copy may be obtained. Comments in connection with a draft American National Standard must be submitted in writing to the ASD no later than the last day of the comment period specified herein. Such comments shall be specific to the section (s) of the standard under review and include sufficient detail so as to enable the reader to understand the commenter's position, concerns and suggested alternative language, if appropriate. Please note that the ANSI Executive Standards Council (ExSC) has determined that an ASD has the right to require that interested parties submit public review comments electronically, in accordance with the developer's procedures.

Ordering Instructions for "Call-for-Comment" Listings

1. Order from the organization indicated for the specific proposal.
2. Use the full identification in your order, including the BSR prefix; for example, Electric Fuses BSR/SAE J554.
3. Include remittance with all orders.
4. BSR proposals will not be available after the deadline of call for comment.

Comments should be addressed to the organization indicated, with a copy to the Board of Standards Review, American National Standards Institute, 25 West 43rd Street, New York, NY 10036. e-mail: psa@ansi.org
* Standard for consumer products

Comment Deadline: May 15, 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 o to BSR/ASHRAE Standard 154-202x, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)
Addendum o replaces DCV with demand-controlled kitchen ventilation (DCKV) for commercial kitchen exhaust systems. The title of Section 7.1.2 is amended to be consistent where it is used elsewhere in the standard, and Section 7.1.2.1 is revised to be consistent with the terminology in the new publication of the standard. Section 7.1.2.4 is also revised to make it clearer.
Click here to view these changes in full
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

Addenda

BSR/ASHRAE Addendum p to BSR/ASHRAE Standard 154-202x, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)
Addendum p revises the definition of ventilated ceiling hood elaborating on its use and adds supply air option. This addendum also adds a design feature for recirculating hoods on how exhaust air from cooking appliances can be drawn by the hood. This design method is allowable per NFPA 96 code and UL 710B standard.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

Comment Deadline: May 15, 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 q to BSR/ASHRAE Standard 154-202x, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)
Addendum q clarifies and provides the necessary distinction between DCV and DCKV. Demand controlled kitchen ventilation is defined and used for exhaust airflow of commercial kitchen hoods. Other ASHRAE standards (e.g., 90.1 and 62.1) use the DCV language or terminology for outdoor air.
Click here to view these changes in full
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

Addenda

BSR/ASHRAE Addendum r to BSR/ASHRAE Standard 154-202x, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)
Addendum r revises the Informative Note in Section 7 for consistency with the terminology in the new publication of the standard.
Click here to view these changes in full
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 | tloxley@ashrae.org, www.ashrae.org

Addenda

BSR/ASHRAE/ICC/IES/USGBC Addendum i to BSR/ASHRAE/ICC/IES/USGBC Standard 189.1-202x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)
Addendum i adds requirements for demand responsive controls that enable electric water heaters to provide electric load shifting and energy storage capacity in many building types. It has the potential to reduce load on the electric grid at peak periods and save in utility bills by reducing peak load electric costs. Proper definitions for demand responsive control and demand response signal are added for clarity. In addition, exceptions to the control requirements and a delay in the effective date of a newer control standard are included in section 7.3.4.4.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: May 15, 2022

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

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

Addenda

BSR/ASHRAE/ICC/IES/USGBC Addendum q to BSR/ASHRAE/ICC/IES/USGBC Standard 189.1-202x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)
Addendum q updates the requirements for EV charging infrastructure in the Standard. It allows the building designer or owner to install EV ready spaces or install EV charging stations (and infrastructure) or both to comply with the requirements of Section 5.3.7.3. In addition, this addendum updates the current definition of EV ready space and adds new definitions for Electric Vehicle Supply Equipment (EVSE) and EVSE installed space. This addendum will provide more flexibility to building owners and designers, especially in jurisdictions that have requirements for both EV ready and EVSE installed as part of their minimum building or energy codes.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

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

Addenda

BSR/ASHRAE/ICC/IES/USGBC Addendum r to BSR/ASHRAE/ICC/IES/USGBC Standard 189.1-202x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)
Addendum r modifies section 5.3.5.3 to align with many current code requirements for the criteria of roofs with a slope of exactly 2:12.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

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

Addenda

BSR/ASHRAE/IES Addendum cs to BSR/ASHRAE/IES Standard 90.1-202x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)
This addendum proposes two revisions to Chapter 11: one corrects an internal reference to service hot water heating requirements and the second is an addition that specifies the temperature for modeling Section 6.5.4.8-compliant boilers.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: May 15, 2022

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

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

Addenda

BSR/ASHRAE/IES Addendum ct to BSR/ASHRAE/IES Standard 90.1-202x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)
Addendum ct revises the baseline envelope description in Table G3.1, Item 5, to explain how the baseline fenestration area is established (a response to interpretation request IC 90.1-2019-8), to remove a duplicate requirement for roof albedo, and to clarify that automatic shading devices are not modeled in the baseline.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

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

Addenda

BSR/ASHRAE/IES Addendum cu to BSR/ASHRAE/IES Standard 90.1-202x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)
This addendum clarifies that the heat source used for heat recovery in acute inpatient hospitals (Section 6.5.6.3) is intended to be the cooling system return water and removes an existing exception for renewables.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

NSF (NSF International)

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

Revision

BSR/NSF 2-202x (i43r1), Food Equipment (revision of ANSI/NSF 2-2019)
Equipment covered by this Standard includes, but is not limited to, bakery, cafeteria, kitchen, and pantry units, and other food handling and processing equipment such as tables and components, counters, tableware, hoods, shelves, and sinks.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: arose@nsf.org

Comment Deadline: May 15, 2022

NSF (NSF International)

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

Revision

BSR/NSF/CAN 61-202x (i161r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2021)
This Standard establishes minimum health effects requirements for the chemical contaminants and impurities that are indirectly imparted to drinking water from products, components, and materials used in drinking water systems. This Standard does not establish performance, taste and odor, or microbial growth support requirements for drinking water system products, components, or materials.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: mleslie@nsf.org

TIA (Telecommunications Industry Association)

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

New Standard

BSR/TIA 5071-202x, Requirements for Field Test Instruments and Measurements for Balanced Single Twisted-Pair Cabling (new standard)
This Standard specifies the reporting and accuracy performance requirements of field testers for balanced single twisted-pair cabling measurements specified in ANSI/TIA-568.5 and the appropriate 42.9 document. This Standard contains methods to compare the field instrument measurements against laboratory equipment measurements specified in ANSI/TIA-568.5 Measurement accuracy based upon the assumptions for key performance parameters is addressed.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: standards-process@tiaonline.org

UL (Underwriters Laboratories)

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

Revision

BSR/UL 10D-202x, Standard for Fire Tests of Fire-Protective Curtain Assemblies (April 15, 2022) (revision of ANSI/UL 10D-2017a)
This proposal covers: 1. Scope update 2. Unit conversion correction 3. Add words “vertically oriented” to 14.2 4. Add UL 10C flaming exceptions to UL 10D
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: May 15, 2022

UL (Underwriters Laboratories)

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

Revision

BSR/UL 295-202x, Standard for Safety for Commercial-Industrial Gas Burners (revision of ANSI/UL 295 -2019)
The following topic is being proposed: (1) Addition of conduit standard reference
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

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

Revision

BSR/UL 1086-202x, Standard for Safety for Household Trash Compactors (revision of ANSI/UL 1086-2016)
1. Proposed revision to correct metric measurements in Leakage Current Test
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: May 30, 2022

AARST (American Association of Radon Scientists and Technologists)

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

Revision

BSR/AARST RMS-LB-202x, Radon Mitigation Standards for Schools and Large Buildings (revision of ANSI/AARST RMS-LB-2020)
This standard of practice specifies minimum requirements for methods that mitigate risks to occupants posed by radon gas, chemical vapors or other hazardous soil gases that are present within existing schools and large buildings. This proposed revision for Section 12 is harmonized to replace Section 12 in AARST SGM-SF 2017 rev. 12/20, AARST RMS-MF 2018 rev. 12/20 and AARST RMS-LB 2018 rev. 12/20.
Single copy price: $TBD
Obtain an electronic copy from: https://standards.aarst.org/public-review
Send comments (copy psa@ansi.org) to: StandardsAssist@gmail.com

Comment Deadline: May 30, 2022

AARST (American Association of Radon Scientists and Technologists)

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

Revision

BSR/AARST RMS-MF-202x, Radon Mitigation Standards for Multifamily Buildings (revision of ANSI/AARST RMS-MF-2020)
This standard of practice specifies minimum requirements for methods that mitigate risks to occupants posed by radon gas, chemical vapors or other hazardous soil gases that are present within existing multifamily buildings. This proposed revision for Section 12 is harmonized to replace Section 12 in AARST SGM-SF 2017 rev. 12/20, AARST RMS-MF 2018 rev. 12/20 and AARST RMS-LB 2018 rev. 12/20.
Single copy price: $TBD
Obtain an electronic copy from: https://standards.aarst.org/public-review
Send comments (copy psa@ansi.org) to: StandardsAssist@gmail.com

AARST (American Association of Radon Scientists and Technologists)

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

Revision

BSR/AARST SGM-SF-202x, Soil Gas Mitigation Standards for Existing Homes (revision of ANSI/AARST SGM-SF -2020)
This standard of practice specifies minimum requirements for methods that mitigate risks to occupants posed by radon gas, chemical vapors or other hazardous soil gases that are present within existing homes. This proposed revision for Section 12 is harmonized to replace Section 12 in AARST SGM-SF 2017 rev. 12/20, AARST RMS-MF 2018 rev. 12/20 and AARST RMS-LB 2018 rev. 12/20.
Single copy price: $TBD
Obtain an electronic copy from: https://standards.aarst.org/public-review
Send comments (copy psa@ansi.org) to: StandardsAssist@gmail.com

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC C-3-202x, Alcohol, Kerosene, and Solidified Fuel Cooking Appliances for Marine Use (revision of ANSI/ABYC C-3-2018)
This standard applies to the construction and performance characteristics of alcohol, kerosene, and solidified fuel cooking appliances for use on boats.
Single copy price: $50.00
Obtain an electronic copy from: abycinc.org
Send comments (copy psa@ansi.org) to: comments@abycinc.org

Comment Deadline: May 30, 2022

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC EDU-3-202x, On-Water Recreational Boating Skills - Sail (revision of ANSI/ABYC EDU-3-2017)
This standard defines the entry-level skills students are able to demonstrate upon successful completion of on-water entry-level courses of instruction in recreational sailboat operation.
Single copy price: $50.00
Obtain an electronic copy from: abycinc.org
Send comments (copy psa@ansi.org) to: comments@abycinc.org

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC EDU-4-202x, On-Water Recreational Boating Skills - Instruction (revision of ANSI/ABYC EDU-4 -2018)
This core voluntary standard applies to entry level power, sail, and human-propelled on-water skills-based courses in the US, its territories, and the District of Columbia and is designed to function within a national system of standards for recreational boat operation.
Single copy price: $50.00
Obtain an electronic copy from: abycinc.org
Send comments (copy psa@ansi.org) to: comments@abycinc.org

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 | bralowerp@ada.org, www.ada.org

National Adoption

BSR/ADA Standard No. 128-202x, Dentistry - Hydrocollid Impression Materials (identical national adoption of ISO 21563:2021 and revision of ANSI/ADA Standard No. 128-2015)
This document specifies the requirements and test methods for hydrocolloid impression materials. This document helps to determine whether elastic aqueous agar and alginate hydrocolloid dental impression materials, as prepared for retail marketing, are of the quality needed for their intended purposes. It also specifies requirements for labelling and instructions for us
Single copy price: $200.00
Obtain an electronic copy from: www.ada.org
Order from: Paul Bralower; bralowerp@ada.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: May 30, 2022

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 | bralowerp@ada.org, www.ada.org

National Adoption

BSR/ADA Standard No. 136-202x, Dentistry - Products for External Tooth Bleaching (national adoption of ISO 28399:2021 with modifications and revision of ANSI/ADA Standard No. 136:2015)
This document specifies the requirements and test methods for external tooth bleaching products. These products are intended for use in the oral cavity, either by professional application (in-office tooth bleaching products) or consumer application (professional or non-professional home use of tooth bleaching products), or both. It also specifies requirements for their packaging, labelling and manufacturer's instructions for use.
Single copy price: $149.00
Obtain an electronic copy from: www.ada.org
Order from: Paul Bralower; bralowerp@ada.org
Send comments (copy psa@ansi.org) to: Same

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 | bralowerp@ada.org, www.ada.org

National Adoption

BSR/ADA Standard No. 203-202x, Dentistry - Materials Used for Dental Equipment Surfaces - Determination of Resistance to Chemical Disinfectants (identical national adoption of ISO 21530:2004)
This standard specifies test methods for determining the resistance to chemical disinfectants of all materials used for external surfaces of dental equipment intended for such disinfection.
Single copy price: $73.00
Obtain an electronic copy from: www.ada.org
Order from: Paul Bralower; bralowerp@ada.org
Send comments (copy psa@ansi.org) to: Same

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 | bralowerp@ada.org, www.ada.org

National Adoption

BSR/ADA Standard No. 78-202x, Dentistry - Endodontic Obturating Materials (identical national adoption of ISO 6877:2021 and revision of ANSI/ADA Standard No. 78-2013 (R2020))
This document establishes the specifications for the dimensions of various endodontic obturating materials including preformed metal, preformed polymeric-coated metal, polymeric points, thermoplastic obturating material or combinations of the above, suitable for use in the obturation of the root canal system. This document also specifies numerical systems and a color-coding system for designating the sizes of preformed endodontic obturating points.
Single copy price: $111.00
Obtain an electronic copy from: www.ada.org
Order from: Paul Bralower; bralowerp@ada.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: May 30, 2022

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 | bralowerp@ada.org, www.ada.org

National Adoption

BSR/ADA Standard No. 97-202x, Dentistry - Corrosion Test Methods for Metallic Materials (identical national adoption of ISO 10271:2020 and revision of ANSI/ADA Standard No. 97-2020)
This document specifies test methods and procedures to determine the corrosion behaviour of metallic materials used in the oral cavity. It is intended that these test methods and procedures be referred to in individual in standards specifying such metallic materials.
Single copy price: $175.00
Obtain an electronic copy from: www.ada.org
Order from: Paul Bralower; bralowerp@ada.org
Send comments (copy psa@ansi.org) to: Same

AGA (ASC Z223) (American Gas Association)

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

Revision

BSR Z223.1/NFPA 54-202x, National Fuel Gas Code (revision of ANSI Z223.1/NFPA 54-2021)
This code offers criteria for the installation and operation of gas piping and gas equipment on consumers' premises. It is the cumulative result of years of experience of many individuals and many organizations acquainted with the installation of gas piping and equipment designed for utilization of gaseous fuels. It is intended to promote public safety by providing requirements for the safe and satisfactory utilization of gas.
Single copy price: Free
Obtain an electronic copy from: www.aga.org/nfgc
Order from: Luis Escobar; lescobar@aga.org
Send comments (copy psa@ansi.org) to: www.nfpa,org/54

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201-3001 | kbest@ahrinet.org, www.ahrinet.org

Revision

BSR/AHRI Standard 250-202x, Performance and Calibration of Reference Sound Sources (revision of ANSI/AHRI Standard 250-2013)
This standard applies to all Reference Sound Sources used in conjunction with AHRI sound rating standards and covers the one-third octave band frequency range from 50 to 10,000 Hz. This standard also includes calibration over a limited frequency range. Multiple Reference Sound Sources may be used to cover the entire frequency range from 50 to 10,000 Hz. The purpose of this standard is to establish the performance characteristics of a Reference Sound Source, define the acoustical calibration procedures, and define the method for transfer of calibration from a Primary to a Secondary Reference Sound Source.
Single copy price: Free
Obtain an electronic copy from: https://connect.ahrinet.org/standards-public-review/stdsunderpublicreview
Send comments (copy psa@ansi.org) to: AHRI_Standards@ahrinet.org

Comment Deadline: May 30, 2022

ASABE (American Society of Agricultural and Biological Engineers)

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

New Standard

BSR/ASABE S611 MONYEAR-202x, Collecting, Processing, and Visualizing Geographic Harvest Data (new standard)
The scope of this standard comprises the processes of collection, processing, and visualization of geographic harvest data. To the effect of enabling users to be successful in these processes, this standard recommends minimum data requirements for geographic harvest data.
Single copy price: $ASABE Members; 51; None ASABE Members; 75
Obtain an electronic copy from: vangilder@asabe.org
Order from: Carla VanGilder; vangilder@asabe.org
Send comments (copy psa@ansi.org) to: vangilder@asabe.org

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

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

New Standard

BSR/ASHRAE Standard 514P-202x, Risk Management for Building Water Systems: Physical, Chemical, and Microbial Hazards (new standard)
This proposed standard provides minimum practices to manage overall risk from microbial hazards other than Legionella, as well as from physical and chemical hazards associated with potable and nonpotable building water systems. Consistent with the provisions of ANSI/ASHRAE Standard 188, this proposed standard provides a framework for the systematic development of water management programs, from design and construction to occupancy, including post-occupancy modifications and renovations.
Single copy price: $35.00
Obtain an electronic copy from: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts
Order from: standards.section@ashrae.org
Send comments (copy psa@ansi.org) to: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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 B31.1-202x, Power Piping (revision of ANSI/ASME B31.1-2020)
ASME B31.1 prescribes minimum requirements for the design, materials, fabrication, erection, test, examination, inspection, operation, and maintenance of piping systems typically found in electric power generating stations, industrial and institutional plants, geothermal heating systems, and central and district heating and cooling systems. It also covers boiler-external piping for power boilers and high-temperature, high pressure water boilers in which steam or vapor is generated at a pressure of more than 15 psig [100 kPa (gage)]; and high temperature water is generated at pressures exceeding 160 psig [1,103 kPa (gage)] and/or temperatures exceeding 250 degrees F (120 degrees C).
Single copy price: Free
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Umberto D'Urso

Comment Deadline: May 30, 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 PCC-3-202x, Inspection Planning Using Risk-Based Methods (revision of ANSI/ASME PCC-3-2017)
"This Standard provides information on using risk analysis to develop and plan an effective inspection strategy. The risk analysis principles, guidance, and implementation strategies presented in this Standard are broadly applicable; however, this Standard has been specifically developed for applications involving fixed pressure containing equipment and components. It provides guidance to owners, operators, and designers of pressure-containing equipment for developing and implementing an inspection program. These guidelines include means for assessing an inspection program and its plan."
Single copy price: Free
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Steven Rossi

CSA (CSA America Standards Inc.)

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

New Standard

BSR/CSA NGV 4.3-202x, Temperature compensation for compressed natural gas vehicle fueling (new standard)
This Standard details the safety and performance requirements for temperature compensation control used to prevent compressed natural gas (CNG) dispensing systems from exceeding a safe fill level of vehicle fuel storage container(s). This Standard contains safety performance requirements for compressed natural gas fueling dispenser temperature compensation systems. It applies to newly manufactured dispensing systems and the field evaluation of existing dispensing systems designed primarily to allow for full fill and to avoid over-pressurization of vehicle fuel storage containers under operating temperature conditions as specified in this Standard. This Standard applies to CNG fueling of vehicle containers with service pressures of P30 [20 700 kPa (3,000 psi)], P30HD [20 700 kPa (3,000 psi)], P36 [24 800 kPa (3,600 psi)], and P36HD [24 800 kPa (3,600 psi)]. P30HD and P36HD are designations used in accordance with CSA/ANSI NGV 1, and throughout the document the use of P30 and P36 are also applicable to P30HD and P36HD, respectively (see Annex A regarding applicable vehicle service pressures). This Standard is applicable to the dispensing of only natural gas that meets quality specifications contained in ASTM D8080.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

Comment Deadline: May 30, 2022

CTA (Consumer Technology Association)

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

Revision

BSR/CTA 2088-A-202x, Baseline Cybersecurity Standard for Devices and Device Systems (revision and redesignation of ANSI/CTA 2088-2020)
This standard specifies baseline device Security capabilities and related organizational security capabilities and recommendations for devices and device systems.
Single copy price: Free
Obtain an electronic copy from: standard@cta.tech
Order from: standard@cta.tech
Send comments (copy psa@ansi.org) to: Cakers@cta.tech

CTA (Consumer Technology Association)

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

Stabilized Maintenance

BSR/CTA 708.1-2012 (S202x), Digital Television (DTV) Closed Captioning: 3D Extensions (stabilized maintenance of ANSI/CTA 708.1-2012 (R2017))
This document specifies signaling to allow CTA-708 [1] caption services to be rendered with stereoscopic 3D program content.
Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Order from: standards@cta.tech
Send comments (copy psa@ansi.org) to: CAkers@cta.tech

CTA (Consumer Technology Association)

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

Stabilized Maintenance

BSR/CTA 2038-2012 (S202x), Command-Driven Analog IR-Synchronized Active Eyewear (stabilized maintenance of ANSI/CTA 2038-2012 (R2017))
This standard defines a standard method of Infrared (IR) emitter-to-eyewear signaling that provides a basis for interoperability between time-multiplexed (including stereographic and dual-mode) display systems manufactured by different manufacturers for use in the home.
Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Order from: standards@cta.tech
Send comments (copy psa@ansi.org) to: CAkers@cta.tech

Comment Deadline: May 30, 2022

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 60115-1-202x, Fixed Resistors for Use in Electronic Equipment - Part 1: Generic Specification (identical national adoption of IEC 60115-1:2020 ED5)
This part of IEC 60115 is a generic specification and is applicable to fixed resistors for use in electronic equipment. It establishes standard terms, inspection procedures and methods of test for use in sectional and detail specifications of electronic components for quality assessment or any other purpose.
Single copy price: $410.00
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

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 60384-1-202x, Fixed capacitors for use in electronic equipment - Part 1: Generic specification (identical national adoption of IEC 60384-1:2021 ED6)
This part of IEC 60384 is a generic specification and is applicable to fixed capacitors for use in electronic equipment. It establishes standard terms, inspection procedures and methods of test for use in sectional and detail specifications of electronic components for quality assessment or any other purpose.
Single copy price: $352.00
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

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 60384-2-202x, Fixed Capacitors for Use in Electronic Equipment - Part 2: Sectional Specification - Fixed Metallized Polyethylene Terephthalate Film Dielectric d.c. Capacitors (identical national adoption of IEC 60384-2:2021 ED5)
This part of IEC 60384 applies to fixed capacitors for direct current, with metallized electrodes and polyethylene-terephthalate dielectric for use in electronic equipment.
Single copy price: $235.00
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

Comment Deadline: May 30, 2022

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 60384-11-202x, Fixed Capacitors for Use in Electronic Equipment - Part 11: Sectional specification - Fixed polyethylene-terephthalate film dielectric metal foil DC capacitors (identical national adoption of IEC 60384-11:2019 ED4)
This part of IEC 60384 is applicable to fixed direct current capacitors, for rated voltages not exceeding 6 300 V, using as dielectric a polyethylene-terephthalate film and electrodes of thin metal foils. For capacitors with rated voltages exceeding 1â€‰000 V, additional tests and requirements may be specified in the detail specification.
Single copy price: $235.00
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

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 60384-16-202x, Fixed Capacitors for Use in Electronic Equipment - Part 16: Sectional specification: Fixed metallized polypropylene film dielectric d.c. capacitors (identical national adoption of IEC 60384 -16:2019 ED3)
This part of IEC 60384 applies to fixed capacitors with metallized electrodes and poly-propylene dielectric for use in electronic equipment. These capacitors can have "self-healing properties" depending on conditions of use. They are mainly intended for use with direct voltage. The maximum power to be applied is 500 var at 50 Hz and the maximum peak voltage is 2 500 V.
Single copy price: $281.00
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

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 60384-17-202x, Fixed Capacitors for Use in Electronic Equipment - Part 17: Sectional Specification - Fixed Metallized Polypropylene Film Dielectric a.c. and Pulse Capacitors (identical national adoption of IEC 60384-17:2019 ED3)
This part of IEC 60384 applies to fixed capacitors with metallized electrodes and polypropylene dielectric for use in electronic equipment. NOTEâ€ƒCapacitors that have mixed film and metallized electrodes are also within the scope of this standard. These capacitors may have "self-healing" properties depending on conditions of use.
Single copy price: $281.00
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

Comment Deadline: May 30, 2022

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 60384-24-202x, Fixed capacitors for use in electronic equipment - Part 24: Sectional specification - Fixed tantalum electrolytic surface mount capacitors with conductive polymer solid electrolyte (identical national adoption of IEC 60384-24:2021 ED3)
This part of IEC 60384 applies to fixed tantalum electrolytic surface mount capacitors with conductive polymer solid electrolyte, which are primarily intended for DC applications for use in electronic equipment. Fixed tantalum electrolytic surface mount capacitors with solid (MnO2) electrolyte are not included but are covered by IEC 60384-3.
Single copy price: $235.00
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

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 60384-25-202x, Fixed capacitors for use in electronic equipment - Part 25: Sectional specification: Fixed aluminium electrolytic surface mount capacitors with conductive polymer solid electrolyte (identical national adoption of IEC 60384-25:2021 ED3)
This part of IEC 60384 applies to fixed aluminium electrolytic surface mount capacitors with conductive polymer solid electrolyte, primarily intended for DC applications for use in electronic equipment. Fixed aluminium electrolytic surface mount capacitors with solid (MnO2) are not included but are covered by IEC 60384 18.
Single copy price: $235.00
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

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 60938-1-202x, Fixed Inductors for Electromagnetic Interference Suppression - Part 1: Generic Specification (identical national adoption of IEC 60938-1:2021 ED3)
This part of IEC 60938 applies to inductors designed for electromagnetic interference suppression intended for use within all kind of electric and electronic equipment. In this generic specification, normative references and terms and definitions are given. It also prescribes general requirements and the suitable test and measurement procedures for interference suppression inductors. Annex B states special requirements for earth inductors.
Single copy price: $235.00
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

Comment Deadline: May 30, 2022

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 60938-2-202x, Fixed Inductors for Electromagnetic Interference Suppression - Part 2: Sectional Specification (identical national adoption of IEC 60938-2:2021 ED3)
This part of IEC 60938 applies to fixed inductors designed for electromagnetic interference suppression, which will be connected to an AC mains or other supply with a nominal voltage not exceeding 1 000 V AC RMS or 1 500 V DC with a nominal frequency not exceeding 400 Hz.
Single copy price: $235.00
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

ECIA (Electronic Components Industry Association)

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

Revision

BSR/EIA 198-3-10-202x, 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)
This document provides specifications for multilayer (monolithic), unencapsulated, ceramic dielectric, surface-mount low induction chip capacitors and multi-terminal low induction capacitors.
Single copy price: $76.00
Obtain an electronic copy from: global.ihs.com
Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com
Send comments (copy psa@ansi.org) to: Michael Cannon (michael.cannon@us.tdk.com)

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

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

Revision

BSR C63.14-202x, Standard Dictionary for Electromagnetic Compatibility (EMC) including Electromagnetic Environmental Effects (E3) (revision and redesignation of ANSI/C63.14-2009)
Terms associated with electromagnetic environmental effects including electromagnetic compatibility (EMC), electromagnetic pulse (EMP), and electrostatic discharge (ESD) are defined. Quantities, units, multiplying factors, acronyms, and abbreviations are covered.
Single copy price: $94.00
Obtain an electronic copy from: j.santulli@ieee.org
Send comments (copy psa@ansi.org) to: j.santulli@ieee.org

Comment Deadline: May 30, 2022

NSF (NSF International)

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

Revision

BSR/NSF 53-202x (i132r2), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2021)
It is the purpose of this Standard to establish minimum requirements for materials, design and construction, and performance of point-of-use and point-of-entry drinking water treatment systems that are designed to reduce specific health-related contaminants in public or private water supplies. Such systems include point-of-entry drinking water treatment systems used to treat all or part of the water at the inlet to a residential facility or a bottled water production facility, and includes the material and components used in these systems. This Standard also specifies the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners, as well as the minimum service-related obligations that the manufacturer shall extend to system owners.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/63044/53i132r2%20-%20JC%20Memo%20&%20ballot.pdf
Send comments (copy psa@ansi.org) to: mmilla@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF/CAN 50-202x (i186r2), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)
This Standard covers materials, chemicals, components, products, equipment and systems, related to public and residential recreational water facility operation.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/62949/50i186r2%20-%20JC%20memo%20&%20ballot.pdf
Send comments (copy psa@ansi.org) to: jsnider@nsf.org

PMI (Project Management Institute)

14 Campus Boulevard, Newtown Square, PA 19073-3299 | lorna.scheel@pmi.org, www.pmi.org

Reaffirmation

BSR/PMI-17-005-2017 (R202x), The Standard for Business Analysis (reaffirmation of ANSI/PMI-17-005-2017)
The field of business analysis is a critical leadership competency for projects, programs and portfolios. Business analysis helps to produce high-quality requirements, engage stakeholders and help drive successful outcomes. The Standard for Business Analysis provides a foundation to grow business analysis practices and is adaptable for any organization in any industry, and across the continuum of project delivery methods.
Single copy price: Free (PMI Member price Free; Non-member price 74.95)
Obtain an electronic copy from: https://pmi.bookstore.ipgbook.com
Send comments (copy psa@ansi.org) to: lorna.scheel@pmi.org

Comment Deadline: May 30, 2022

UL (Underwriters Laboratories)

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

Reaffirmation

BSR/UL 1029-2012 (R202x), Standard for High-Intensity-Discharge Lamp Ballasts (reaffirmation of ANSI/UL 1029-2012 (R2017))
The requirements in this standard cover indoor and outdoor ballasts, including starting circuits for the operation of high-intensity-discharge lamps, and associated equipment, in accordance with the National Electrical Code, from an alternating-current power supply with nominal input ratings of 600 V rms or less. High-intensity-discharge lamps include mercury, metal halide, high-pressure sodium, and similar types. For convenience, although technically not HID lamps, low-pressure sodium lamps are included with the group.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

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

Reaffirmation

BSR/UL 1029-2012 (R202x), Standard for High-Intensity-Discharge Lamp Ballasts (reaffirmation of ANSI/UL 1029-2012 (R2017))
The requirements in this standard cover indoor and outdoor ballasts, including starting circuits for the operation of high-intensity-discharge lamps, and associated equipment, in accordance with the National Electrical Code, from an alternating-current power supply with nominal input ratings of 600 V rms or less. High-intensity-discharge lamps include mercury, metal halide, high-pressure sodium, and similar types. For convenience, although technically not HID lamps, low-pressure sodium lamps are included with the group.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: May 30, 2022

UL (Underwriters Laboratories)

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

Reaffirmation

BSR/UL 60730-2-3-2013 (R202x), Standard for Safety for Automatic Electrical Controls for Household and Similar Use; Part 2: ParticularRequirements for Thermal Protectors for Ballasts for Tubular Fluorescent Lamps (reaffirmation of ANSI/UL 60730-2-3-2013 (R2017))
This part of IEC 60730 applies to the evaluation of thermal protectors for ballasts for tubular fluorescent lamps.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

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

Reaffirmation

BSR/UL 60730-2-10-2013 (R202x), Standard for Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Motor Starting Relays (reaffirmation of ANSI/UL 60730-2-10-2013 (R2018))
This part of IEC 60730 applies to controls for automatically controlling the starting windings of single phase motors associated with equipment for household and similar use.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

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

Reaffirmation

BSR/UL 60730-2-10-2013 (R202x), Standard for Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Motor Starting Relays (reaffirmation of ANSI/UL 60730-2-10-2013 (R2018))
This part of IEC 60730 applies to controls for automatically controlling the starting windings of single phase motors associated with equipment for household and similar use.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: May 30, 2022

UL (Underwriters Laboratories)

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

Reaffirmation

BSR/UL 60730-2-12-2017 (R202x), Standard for Automatic Electrical Controls - Part 2-12: Particular Requirements for Electrically Operated Door Locks (reaffirmation of ANSI/UL 60730-2-12-2017)
This part of IEC 60730 applies to ELECTRICALLY OPERATED DOOR LOCKS for use in, on or in association with equipment, including equipment for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

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

Reaffirmation

BSR/UL 60730-2-12-2017 (R202x), Standard for Automatic Electrical Controls - Part 2-12: Particular Requirements for Electrically Operated Door Locks (reaffirmation of ANSI/UL 60730-2-12-2017)
This part of IEC 60730 applies to ELECTRICALLY OPERATED DOOR LOCKS for use in, on or in association with equipment, including equipment for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062 | Elizabeth.Northcott@ul.org, https://ul.org/

Revision

BSR/UL 962-202x, Standard for Household and Commercial Furnishings (revision of ANSI/UL 962-2022)
1. Revisions To Correct Cross References, Address Mandatory Language, Reflect Standards Writing Conventions, Clarify Requirements, And Similar Changes In Preparation For A New Edition
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: May 30, 2022

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062 | Elizabeth.Northcott@ul.org, https://ul.org/

Revision

BSR/UL 1286-202x, Standard for Safety for Off Furnishing Systems (revision of ANSI/UL 1286-2021)
1. Revisions To Correct Cross References, Address Mandatory Language, Reflect Standards Writing Conventions, Clarify Requirements, And Similar Changes In Preparation For A New Edition
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: June 14, 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

Reaffirmation

BSR/ASME B5.57-2012 (R202x), Methods for Performance Evaluation of Computer Numerically Controlled Lathes and Turning Centers (reaffirmation of ANSI/ASME B5.57-2012 (R2017))
This Standard establishes requirements and methods for specifying and testing the performance of CNC lathes and turning centers.
Single copy price: $110.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Daniel Papert

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME PTC 40-2017 (R202x), Flue Gas Desulfurization Units Performance Test Code (reaffirmation of ANSI/ASME PTC 40-2017)
The object of the Code is to establish standard procedures for the conduct and reporting of performance tests of flue-gas desulfurization (FGD) systems. The application of this Code is limited to the process and equipment employed to remove sulfur dioxides from flue gas or other sulfur-dioxide-laden gas stream. The scope of this Code covers dry FGD, wet FGD, and regenerable FGD.
Single copy price: $75.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Justin Cassamassino

Comment Deadline: June 14, 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

Stabilized Maintenance

BSR/ASME B5.8-2001 (S202x), Chucks and Chuck Jaws (stabilized maintenance of ANSI/ASME B5.8-2001 (R2016))
This Standard applies to chucks for use on engine lathes, tool room lathes, turret lathes, and automatic lathes and fit American Standard Spindle Noses of ANSI-B5.9-1967.
Single copy price: $55.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Daniel Papert

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | l.weisser@ieee.org, www.ieee.org

New Standard

BSR/IEEE 367-202x, Recommended Practice for Determining the Electric Power Station Ground Potential Rise and Induced Voltage from a Power Fault (new standard)
This standard provides guidance for the calculation of power station ground potential rise (GPR) and longitudinally induced (LI) voltages and guidance for their appropriate reduction from worst-case values for use in metallic telecommunication protection design. Information is also included for the determination of the following: a) The fault current and the earth return current levels; their probability, waveform, and duration; and the impedance to remote earthing points used in these GPR and LI calculations as well as the effective X/R ratio. b) The zone of influence (ZOI) of the power station GPR. c) The calculation of the inducing currents, the mutual impedance between power and metallic telecommunication facilities, and shield factors. d) The channel time requirements for metallic telecommunication facilities where non-interruptible channels are required for protective relaying.

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

New Standard

BSR/IEEE C37.235-202x, Guide for the Application of Rogowski Coils Used for Protective Relaying Purposes (new standard)
This guide establishes criteria and requirements for application of Rogowski coils (air-core current sensors) used for protective relaying in electric power systems. The selection and application of Rogowski coils for the more common protection schemes are addressed.
Single copy price: Free
Obtain an electronic copy from: https://www.techstreet.com/
Order from: https://www.techstreet.com/
Send comments (copy psa@ansi.org) to: k.evangelista@ieee.org

Comment Deadline: June 14, 2022

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

New Standard

BSR/IEEE C57.18.10-202x, Standard Practices and Requirements for Semiconductor Power Rectifier Transformers (new standard)
This standard includes transformers for semiconductor power rectifiers, inverters, furnaces and adjustable speed drives for dedicated loads rated:
Single-phase 100 kW and above
Three-phase 100 kW and above
Single copy price: $pdf100, printed124.00
Obtain an electronic copy from: https://www.techstreet.com/
Order from: https://www.techstreet.com/
Send comments (copy psa@ansi.org) to: k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

New Standard

BSR/IEEE C57.164-202x, Guide for Establishing Short-Circuit Withstand Capabilities of Liquid-Filled Power Transformers, Regulators, and Reactors (new standard)
This Guide describes theoretical and practical ways to evaluate liquid immersed power transformers, regulators, and reactors capabilities to withstand short-circuit currents resulting from external short-circuit faults. The equipment capabilities will be assessed based on calculations, design characteristics, construction techniques and material properties. The methods described are not mandatory and will not set forth requirements on how the transformer must be designed.
Single copy price: $pdf64, print80.00
Obtain an electronic copy from: https://www.techstreet.com/
Order from: https://www.techstreet.com/
Send comments (copy psa@ansi.org) to: k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

Revision

BSR/IEEE 1407-202x, Guide for Accelerated Aging Tests for 5 kV to 46 kV Extruded Electric Power Cables Using Water-Filled Tanks (revision of ANSI/IEEE 1407-2007)
This guide provides information and recommendations on the equipment, cable specimens, test conditions, test control methodologies, measurements, data analysis and interpretation in performing accelerated aging tests for 5 kV to 46 kV rated electric power cables using water-filled tanks. The accelerated aging tests may be time-to-failure tests and/or tests in which the samples are aged for fixed times followed by diagnostic testing.
Single copy price: $pdf72, print90.00
Obtain an electronic copy from: https://www.techstreet.com/
Order from: https://www.techstreet.com/
Send comments (copy psa@ansi.org) to: k.evangelista@ieee.org

Comment Deadline: June 14, 2022

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

Revision

BSR/IEEE C37.66-202x, Standard Requirements for Capacitor Switches for AC Systems (1 kV to 38 kV) (revision of ANSI/IEEE C37.66-2005)
This standard applies to single- or multi-pole ac switches for rated maximum voltage above 1 kV to 38 kV for use in switching shunt capacitor banks (see the note in this clause). This standard covers the application of capacitive load switching wherein the capacitive loads are separated by sufficient inductance to limit the transient peak inrush current to the peak values shown in Table 2 and Table 3. Switches designed and built in accordance with this standard are rated for routine switching of capacitive load currents only.
Single copy price: $pdf61, print76.00
Obtain an electronic copy from: https://www.techstreet.com/
Order from: https://www.techstreet.com/
Send comments (copy psa@ansi.org) to: k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

Revision

BSR/IEEE C37.104-202x, Guide for Automatic Reclosing on AC Distribution and Transmission Lines (revision of ANSI/IEEE C37.104-2012)
This guide documents present practices regarding the application of automatic reclosing control to line circuit breakers or other line interrupting devices. Both transmission and distribution line practices are addressed.
Single copy price: Free
Obtain an electronic copy from: https://www.techstreet.com/
Order from: https://www.techstreet.com/
Send comments (copy psa@ansi.org) to: k.evangelista@ieee.org

UL (Underwriters Laboratories)

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

Revision

BSR/UL 711-202x, Standard for Rating and Fire Testing of Fire Extinguishers (April 15, 2022) (revision of ANSI/UL 711-2018)
This proposal covers: 1. Revision to 8.1.4
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

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.

APTech (ASC CGATS) (Association for Print Technologies)

113 Seaboard Lane, Suite C250, Franklin, TN 37067 | dorf@aptech.org, www.printtechnologies.org

National Adoption

ANSI CGATS/ISO 15930-6-2022, Graphic technology - Prepress digital data exchange using PDF - Part 6: Complete exchange printing data suitable for colour-manage workflows using PDF 1.4 (PDF/X-3) (national adoption of ISO 15930-6 with modifications and revision of ANSI/CGATS/ISO 15930-6-2004 (R2018)) Final Action Date: 4/6/2022

New Standard

ANSI CGATS.22-2022, Graphic technology - Spectral reflection metrology - Certified reference materials - Documentation and procedures for use, including determination of combined standard uncertainty (new standard) Final Action Date: 4/5/2022

Reaffirmation

ANSI CGATS/ISO 15930-3-2004/ISO 15930-3-2002 (R2022), Graphic technology - Prepress digital data exchange - Use of PDF - Part 3: Complete exchange suitable for color managed workflows (PDF/X-3) (reaffirm a national adoption ANSI CGATS/ISO 15930-3-2004/ISO 15930-3-2002 (R2013)) Final Action Date: 4/6/2022

Reaffirmation

ANSI IT8.6-2017 (R2022), Graphic technology - Prepress digital data exchange - Diecutting data (DDES3) (reaffirmation of ANSI IT8.6-2017) Final Action Date: 4/5/2022

ASME (American Society of Mechanical Engineers)

Two Park Avenue, 6th Floor, New York, NY 10016-5990 | ansibox@asme.org, www.asme.org

New Standard

ANSI/ASME MBE-1-2022, Framework (new standard) Final Action Date: 4/5/2022

ASTM (ASTM International)

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

New Standard

ANSI/ASTM E3294-2022, Guide forForensic Analysis of Geological Materials by Powder X-Ray Diffraction (new standard) Final Action Date: 3/22/2022

Reaffirmation

ANSI/ASTM D4068-2017 (R2022), Specification for Chlorinated Polyethylene (CPE) Sheeting for Concealed Water-Containment Membrane (reaffirmation of ANSI/ASTM D4068-2017) Final Action Date: 3/22/2022

Revision

ANSI/ASTM E1732-2022, Terminology Relating to Forensic Science (revision of ANSI/ASTM E1732-2019) Final Action Date: 4/1/2022

Revision

ANSI/ASTM F1150-2022, Specification for Commercial Food Waste Pulper and Waterpress Assembly (revision of ANSI/ASTM F1150-2016) Final Action Date: 4/1/2022

ASTM (ASTM International)

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

Revision

ANSI/ASTM F3215-2022, Specification for Food Waste Dehydrators (revision of ANSI/ASTM F3215-2016) Final Action Date: 4/1/2022

BIFMA (Business and Institutional Furniture Manufacturers Association)

678 Front Avenue NW, Grand Rapids, MI 49504 | dpanning@bifma.org, www.bifma.org

Revision

ANSI/BIFMA X6.5-2022, Home Office and Occasional-Use Desk, Table and Storage Products (revision and redesignation of ANSI/BIFMA/SOHO S6.5-2008 (R2013)) Final Action Date: 4/5/2022

NEMA (ASC C78) (National Electrical Manufacturers Association)

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

Reaffirmation

ANSI C78.380-2016 (R2022), For Electric Lamps: High-Intensity Discharge Lamps, Method of Designation (reaffirmation of ANSI C78.380-2016) Final Action Date: 4/5/2022

Reaffirmation

ANSI C78.1195-2016 (R2022), for Electric Lamps-Double-Capped Fluorescent Lamps-Safety Specifications (reaffirmation of ANSI C78.1195-2016) Final Action Date: 4/7/2022

Reaffirmation

ANSI C78.1199-2016 (R2022), For Electric Lamps-Single-Capped Fluorescent Lamps-Safety Specifications (reaffirmation of ANSI C78.1199-2016) Final Action Date: 4/6/2022

Reaffirmation

ANSI C78.1501-2016 (R2022), For Electric Lamps - Tungsten-Halogen Lamps with G22 Bases and 63.5 mm LCL (reaffirmation of ANSI C78.1501-2016) Final Action Date: 4/5/2022

NSF (NSF International)

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

Revision

ANSI/NSF 21-2022 (i10r1), Thermoplastic Refuse Containers (revision of ANSI/NSF 21-2019) Final Action Date: 4/1/2022

Revision

ANSI/NSF 40-2022 (i43r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020) Final Action Date: 4/3/2022

SPRI (Single Ply Roofing Industry)

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

Revision

ANSI/SPRI RP-4-2022, Wind Design Standard for Ballasted Single-ply Roofing Systems (revision of ANSI/SPRI RP-4 -2019) Final Action Date: 4/6/2022

UL (Underwriters Laboratories)

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

National Adoption

ANSI/UL 60947-5-2-2022, Standard For Safety For Low-voltage Switchgear and Controlgear - Part 5-2: Control Circuit Devices and Switching Elements - Proximity Switches (national adoption of IEC 60947-5-2 with modifications and revision of ANSI/UL 60947-5-2-2014) Final Action Date: 3/31/2022

Revision

ANSI/UL 347A-2022, Standard for Safety for Medium Voltage Power Conversion Equipment (revision of ANSI/UL 347A-2020) Final Action Date: 4/5/2022

Revision

ANSI/UL 1203-2022, Standard for Safety for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2021) Final Action Date: 4/5/2022

Revision

ANSI/UL 2034-2022, Standard for Safety for Single and Multiple Station Carbon Monoxide Alarms (revision of ANSI/UL 2034-2018) Final Action Date: 4/5/2022

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

CSA - CSA America Standards Inc.

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

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

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

Call for Members (ANS Consensus Bodies)

ABYC (American Boat and Yacht Council)

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

BSR/ABYC EDU-3-202x, On-Water Recreational Boating Skills - Sail (revision of ANSI/ABYC EDU-3-2017)
Seeking consensus body members who identify as boat manufacturers, accessory manufacturers, and trade associations.

ABYC (American Boat and Yacht Council)

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

BSR/ABYC EDU-4-202x, On-Water Recreational Boating Skills - Instruction (revision of ANSI/ABYC EDU-4-2018)
Seeking consensus body members who categorize as boat manufacturers, accessory manufacturers, and trade associations.

AGA (ASC Z223) (American Gas Association)

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

BSR Z223.1/NFPA 54-202x, National Fuel Gas Code (revision of ANSI Z223.1/NFPA 54-2021)

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201-3001 | kbest@ahrinet.org, www.ahrinet.org

BSR/AHRI Standard 250-202x, Performance and Calibration of Reference Sound Sources (revision of ANSI/AHRI Standard 250-2013)
In proposed ANS data this is __pk_PSA_id 178063

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE S611 MONYEAR-202x, Collecting, Processing, and Visualizing Geographic Harvest Data (new standard)

ASME (American Society of Mechanical Engineers)

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

BSR/ASME PTC 40-2017 (R202x), Flue Gas Desulfurization Units Performance Test Code (reaffirmation of ANSI/ASME PTC 40-2017)

CTA (Consumer Technology Association)

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

BSR/CTA 708.1-2012 (S202x), Digital Television (DTV) Closed Captioning: 3D Extensions (stabilized maintenance of ANSI/CTA 708.1-2012 (R2017))
CTA is seeking new members to join the consensus body. CTA and the R4 Video Systems Intelligent Mobility Committee are particularly interested in adding new members (called "users" who acquire video products from those who create them) as well as those with a general interest.

Call for Members (ANS Consensus Bodies)

CTA (Consumer Technology Association)

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

BSR/CTA 2038-2012 (S202x), Command-Driven Analog IR-Synchronized Active Eyewear (stabilized maintenance of ANSI/CTA 2038-2012 (R2017))
CTA is seeking new members to join the consensus body. CTA and the R4 Video Systems Committee are particularly interested in adding new members (called "users" who acquire video products from those who create them) as well as those with a general interest.

CTA (Consumer Technology Association)

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

BSR/CTA 2088-A-202x, Baseline Cybersecurity Standard for Devices and Device Systems (revision and redesignation of ANSI/CTA 2088-2020)
CTA is seeking new members to join the consensus body. CTA and The R14 Cybersecurity and Privacy Management Committee are particularly interested in adding new members (called "users") who develops standards, recommended practices, and technical reports in the area of cybersecurity and privacy management, for developers of connected devices.

CTA (Consumer Technology Association)

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

BSR/CTA 2045-B Amendment 1-202x, Modular Communications Interface for Energy Management (addenda to ANSI/CTA 2045-B-2021)

NSF (NSF International)

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

BSR/NSF 2-202x (i43r1), Food Equipment (revision of ANSI/NSF 2-2019)

NSF (NSF International)

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

BSR/NSF 53-202x (i132r2), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2021)

NSF (NSF International)

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

BSR/NSF/CAN 50-202x (i186r2), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)

NSF (NSF International)

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

BSR/NSF/CAN 61-202x (i161r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2021)

Call for Members (ANS Consensus Bodies)

UAMA (ASC B7) (Unified Abrasives Manufacturers' Association)

30200 Detroit Road, Cleveland, OH 44145-1967 | djh@wherryassoc.com, www.uama.org

BSR B7.1-202x, Safety Requirements for the Use, Care and Protection of Abrasive Wheels (revision of ANSI B7.1 -2017)

Call for Comment of ANS Limited Substantive Changes

ANSI Accredited Standards Developers

PDA - Parenteral Drug Association

ANSI/PDA Standard 001-2020 - 30-Day Comment Deadline By May 16, 2022

This Call for Comment of Limited Substantive Changes to the Approved American National Standard is available for review & comment until **May 16, 2022**

ANSI/PDA Standard 001-2020

Enhanced Purchasing Controls to Support the Bio-Pharmaceutical, Pharmaceutical, Medical Devices and Combination Products Industries

(new standard)

The standard is intended to provide steps to make the responsible party more effective in preventing substandard or adulterated materials from entering the market and potentially harming patients.

Order from: standards@pda.org
Send comments (with optional copy to psa@ansi.org) to: standards@pda.org
Single copy price: Free

Click here to view these changes in full

Christine Alston-Roberts
Standards Manager, Senior
Parenteral Drug Association (PDA)
Bethesda Towers, 4350 East-West Highway, Suite 600
Bethesda, MD 20814
p: (301) 656-5900 Ext 106
e: roberts@pda.org

Limited Substantive Changes to an Approved American National Standard

ANSI/PDA Standard 001-2020, *Enhanced Purchasing Controls to Support the Bio-Pharmaceutical, Pharmaceutical, Medical Devices and Combination Products Industries*

a. The following substantive changes were made following public review of ANSI/PDA Standard 001-2020 and were not submitted for a subsequent public review:

i. Addition of 2 normative references:
"PDA Technical Report No. 66, *Application of Single-Use Systems in Pharmaceutical Manufacturing*, specifically the sections related to supplier selection and qualification";
"E3051 -16, *Standard Guide for Specification, Design, Verification, and Application of Single-Use Systems in Pharmaceutical and Biopharmaceutical Manufacturing*, specifically the sections related to supplier selection and qualification";

ii. Section 6.2(3): new shall statement added – "SME shall evaluate the capability and suitability of suppliers and ensure that suppliers who fail to meet appropriate standards are not to be used (rated as unacceptable in the firm's quality system)";

iii. Section 6.4, first paragraph: shall statement revised – "The performance of each supplier shall be monitored using a balanced approach which includes ~~and~~ performance against quality and other related performance criteria (i.e., delivery, supply, cost, and customer service)";

iv. Section 7.1(3): new shall statement – "An Independent Quality Unit shall approve all suppliers for GMP related purchases and activities";

v. Section 7.1(4): shall statement revised – "Where a supplier cannot meet quality or supply requirements, the Chief Procurement Officer is accountable for the risks ~~assessing the risk~~ to product quality posed by the deficiency and for taking immediate actions, working with technical, supply chain, and quality experts to remedy the non-conformance with the firm's Quality System. The corrective and preventative actions ~~, which~~ shall be documented in a CAPA (Corrective and Preventive Actions) plan~~s~~ supported by the Chief of Procurement Officer's organization and reviewed and approved by an independent Quality Unit~~.~~"

American National Standards (ANS) Announcements

Corrections

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

BSR/ASHRAE/IES Addendum bi to BSR/ASHRAE/IES Standard 90.1-202x

Please note that this version of Addendum bi includes a clarification to the original first public review draft of the same name (Call for Comment public review date 11/5/21) and fully replaces that draft and all associated comments. This proposed addendum (BSR/ASHRAE/IES Addendum bi (addenda to ANSI/ASHRAE/IES Standard 90.1-2019))addresses roof replacements with a new definition and subsection for handling existing roofs with above-deck insulation. Currently, there are no specific requirements or definitions for roof replacements; this has constrained such projects to the general alteration requirements of Section 5.1.3, which are difficult for certain existing roofs to meet. These modifications to Section 5 will minimize marketplace confusion and prevent conflicting use of the standard. Please direct inquiries to: Emily Toto; etoto@ashrae.org

Corrections

ISEA - International Safety Equipment Association

ANSI/ISEA Z308.1-2021 Approval Date Changed to April 15, 2022

ANSI/ISEA Z308.1 Minimum Requirements for Workplace First Aid Kits and Supplies was previously announced as approved as an American National Standard on January 6, 2022; however, it has not yet been published as an American National Standard. The approval date has been revised and is April 15, 2022. Questions concerning this standard may be directed to Diana Jones, ISEA, djones@safetyequipment.org.

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

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

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

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

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

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

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

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

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

American National Standards 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)
- UL (Underwriters Laboratories)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

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

Teresa Ambrosius
tambrosius@aafs.org

AARST
American Association of Radon Scientists and Technologists
527 N. Justice Street
Hendersonville, NC 28739
www.aarst.org

Gary Hodgden
StandardsAssist@gmail.com

ABYC
American Boat and Yacht Council
613 Third Street, Suite 10
Annapolis, MD 21403
www.abycinc.org

Emily Parks
eparks@abycinc.org

ADA (Organization)
American Dental Association
211 East Chicago Avenue
Chicago, IL 60611
www.ada.org

Paul Bralower
bralowerp@ada.org

AGA (ASC Z223)
American Gas Association
400 North Capitol Street, NW, Suite 450
Washington, DC 20001
www.aga.org

Luis Escobar
lescobar@aga.org

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

Karl Best
kbest@ahrinet.org

APTech (ASC CGATS)
Association for Print Technologies
113 Seaboard Lane, Suite C250
Franklin, TN 37067
www.printtechnologies.org

Debra Orf
dorf@aptech.org

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
Saint Joseph, MI 49085
https://www.asabe.org/

Carla VanGilder
vangilder@asabe.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
180 Technology Parkway
Peachtree Corners, GA 30092
www.ashrae.org

Carmen King
cking@ashrae.org

Emily Toto
etoto@ashrae.org

Ryan Shanley
rshanley@ashrae.org

Thomas Loxley
tloxley@ashrae.org

ASME
American Society of Mechanical Engineers
Two Park Avenue, 6th Floor
New York, NY 10016
www.asme.org

Maria Acevedo
ansibox@asme.org

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

Terrell Henry
ansibox@asme.org

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

Corice Leonard
accreditation@astm.org

Laura Klineburger
accreditation@astm.org

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

Jennifer Rosario
jrosario@aws.org

BIFMA
Business and Institutional Furniture Manufacturers Association
678 Front Avenue NW
Grand Rapids, MI 49504
www.bifma.org

David Panning
dpanning@bifma.org

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

Debbie Chesnik
ansi.contact@csagroup.org

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

Catrina Akers
cakers@cta.tech

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

Laura Donohoe
ldonohoe@ecianow.org

IEEE
Institute of Electrical and Electronics Engineers
445 Hoes Lane
Piscataway, NJ 08854
www.ieee.org

Karen Evangelista
k.evangelista@ieee.org

Lisa Weisser
l.weisser@ieee.org

IEEE (ASC C63)
Institute of Electrical and Electronics Engineers
445 Hoes Lane
Piscataway, NJ 08854
www.ieee.org

Jennifer Santulli
J.Santulli@ieee.org

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

Michael Erbesfeld
Michael.Erbesfeld@nema.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105
www.nsf.org

Allan Rose
arose@nsf.org

Jason Snider
jsnider@nsf.org

Monica Leslie
mleslie@nsf.org

Monica Milla
mmilla@nsf.org

PMI (Organization)
Project Management Institute
14 Campus Boulevard
Newtown Square, PA 19073
www.pmi.org

Lorna Scheel
lorna.scheel@pmi.org

SPRI
Single Ply Roofing Industry
465 Waverley Oaks Road, Suite 421
Waltham, MA 02452
www.spri.org

Linda King
info@spri.org

TIA
Telecommunications Industry Association
1320 North Courthouse Road, Suite 200
Arlington, VA 22201
www.tiaonline.org

Teesha Jenkins
standards-process@tiaonline.org

UAMA (ASC B7)
Unified Abrasives Manufacturers' Association
30200 Detroit Road
Cleveland, OH 44145
www.uama.org

Donna Haders
djh@wherryassoc.com

UL
Underwriters Laboratories
12 Laboratory Drive
Research Triangle Park, NC 27709
https://ul.org/

Casey Granata
Casey.Granata@ul.org

Doreen Stocker
Doreen.Stocker@ul.org

Nicolette Weeks
Nicolette.A.Weeks@ul.org

Vickie Hinton
Vickie.T.Hinton@ul.org

UL
Underwriters Laboratories
333 Pfingsten Road
Northbrook, IL 60062
https://ul.org/

Alan McGrath
alan.t.mcgrath@ul.org

Elizabeth Northcott
Elizabeth.Northcott@ul.org

Mitchell Gold
mitchell.gold@ul.org

UL
Underwriters Laboratories
47173 Benicia Street
Fremont, CA 94538
https://ul.org/

Marcia Kawate
Marcia.M.Kawate@ul.org

Paul Lloret
Paul.E.Lloret@ul.org

VC (ASC Z80)
The Vision Council
225 Reinekers Lane, Suite 700
Alexandria, VA 22314
www.z80asc.com

Michele Stolberg
ascz80@thevisioncouncil.org

ISO & IEC Draft International Standards

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

COMMENTS

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

Those regarding IEC documents should be sent to Tony Zertuche, General Secretary, USNC/IEC, at ANSI's New York offices (tzertuche@ansi.org). The final date for offering comments is listed after each draft.

ORDERING INSTRUCTIONS

ISO and IEC Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO or IEC Draft to Customer Service at sales@ansi.org. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

ISO Standards

Agricultural food products (TC 34)

ISO/FDIS 23134, Coffee and coffee products - Determination of particle size of ground roasted coffee - Horizontal sieving motion method using circular brushes - 4/17/2021, $67.00

Air quality (TC 146)

ISO/DIS 11174, Workplace air - Determination of particulate cadmium and cadmium compounds - Flame and electrothermal atomic absorption spectrometric method - 6/24/2022, $82.00

Aircraft and space vehicles (TC 20)

ISO/DIS 24113, Space systems - Space debris mitigation requirements - 6/30/2022, $67.00

ISO/DIS 23629-8, UAS Traffic Management (UTM) - Part 8: Remote identification - 6/30/2022, $53.00

Documents and data elements in administration, commerce and industry (TC 154)

ISO/DIS 23355, Visibility data interchange between logistics information service providers - 6/23/2022, $165.00

Doors and windows (TC 162)

ISO/DIS 6612, Windows and doors - Resistance to wind load - Test method - 2/7/2022, $62.00

ISO/DIS 6613, Windows and doors - Air permeability - Test method - 2/7/2022, $62.00

ISO/DIS 8270, Windows and doors - Determination of the resistance to soft and heavy body impact for doors - 2/7/2022, $33.00

ISO/DIS 8275, Hinged or pivoted doors - Determination of the resistance to vertical load - 2/7/2022, $33.00

Environmental management (TC 207)

ISO/FDIS 14030-3, Environmental performance evaluation - Green debt instruments - Part 3: Taxonomy - 5/15/2021, $175.00

Ferrous metal pipes and metallic fittings (TC 5)

ISO/FDIS 4370, Environmental life cycle assessment and recycling of ductile iron pipes for water applications - 6/4/2021, $67.00

Geotechnics (TC 182)

ISO/DIS 22476-5, Geotechnical investigation and testing - Field testing - Part 5: Prebored pressuremeter test - 2/10/2022, $107.00

Human resource management (TC 260)

ISO/DIS 30405, Human resource management - Guidelines on recruitment - 6/27/2022, $71.00

Industrial furnaces and associated processing equipment (TC 244)

ISO/DIS 20431, Heat treatment - Control of quality - 6/30/2022, $107.00

Industrial trucks (TC 110)

ISO/DIS 3691-1, Industrial trucks - Safety requirements and verification - Part 1: Self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks - 6/26/2022, $146.00

Innovation management (TC 279)

ISO/DIS 56007, Innovation management - Tools and methods for idea management - Guidance - 2/7/2022, $125.00

Machine tools (TC 39)

ISO/DIS 2773, Test conditions for pillar type vertical drilling machines - Testing of the accuracy - 6/26/2022, $58.00

Natural gas (TC 193)

ISO/FDIS 10715, Natural gas - Gas sampling - 5/23/2021, $134.00

Nuclear energy (TC 85)

ISO/FDIS 19461-2, Radiological protection - Measurement for the clearance of waste contaminated with radioisotopes for medical application - Part 2: Management of solid radioactive waste in nuclear medicine facilities - 1/14/2021, $82.00

Optics and optical instruments (TC 172)

ISO/FDIS 8980-3, Ophthalmic optics - Uncut finished spectacle lenses - Part 3: Transmittance specifications and test methods - 12/25/2020, $102.00

Paper, board and pulps (TC 6)

ISO/FDIS 5631-1, Paper and board - Determination of colour by diffuse reflectance - Part 1: Indoor daylight conditions (C/2 degrees) -, $62.00

ISO/FDIS 5631-2, Paper and board - Determination of colour by diffuse reflectance - Part 2: Outdoor daylight conditions (D65/10 degrees) -, $58.00

ISO/FDIS 5631-3, Paper and board - Determination of colour by diffuse reflectance - Part 3: Indoor illumination conditions (D50/2 degrees) -, $58.00

ISO/DIS 12625-12, Tissue paper and tissue products - Part 12: Determination of tensile strength of perforated lines - Calculation of perforation efficiency - 6/30/2022, $62.00

Personal safety - Protective clothing and equipment (TC 94)

ISO/DIS 16976-5, Respiratory protective devices - Human factors - Part 5: Thermal effects - 2/10/2022, $67.00

ISO/DIS 16976-7, Respiratory protective devices - Human factors - Part 7: Hearing and speech - 2/10/2022, $67.00

Petroleum products and lubricants (TC 28)

ISO/DIS 12924, Lubricants, industrial oils and related products (Class L) - Family X (Greases) - Specifications - 6/30/2022, $53.00

Plastics (TC 61)

ISO/FDIS 5148, Plastics - Determination of specific aerobic biodegradation rate of solid plastic materials and disappearance time (DT50) under mesophilic laboratory test conditions - 6/14/2021, $67.00

ISO/DIS 7972, Adhesives - Absorption of water into an adhesive layer using an open-faced specimen and determination of shear strength by secondary bonding - 6/23/2022, $40.00

Refrigeration (TC 86)

ISO 22042:2021/DAmd 1, - Amendment 1: Blast chiller and freezer cabinets for professional use - Classification, requirements and test conditions - Amendment 1 - 6/24/2022, $33.00

Road vehicles (TC 22)

ISO/FDIS 13063-3, Electrically propelled mopeds and motorcycles - Safety specifications - Part 3: Electrical safety - 7/21/2019, $88.00

ISO/DIS 15830-3, Road vehicles - Design and performance specifications for the WorldSID 50th percentile male side-impact dummy - Part 3: Mechanical requirements for electronic subsystems - 2/7/2022, $88.00

ISO/DIS 16750-1, Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 1: General - 6/30/2022, $82.00

ISO/DIS 16750-4, Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 4: Climatic loads - 6/30/2022, $125.00

ISO/DIS 16750-5, Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 5: Chemical loads - 6/30/2022, FREE

Rolling bearings (TC 4)

ISO/DIS 24652, Spherical plain bearings - Spherical plain bearings rod ends for hydraulic fluid power cylinders - 6/24/2022, $98.00

Round steel link chains, chain slings, components and accessories (TC 111)

ISO/FDIS 2415, Forged shackles for general lifting purposes - Dee shackles and bow shackles - 7/17/2021, $88.00

Rubber and rubber products (TC 45)

ISO/DIS 2322, Styrene-butadiene rubber (SBR) - Emulsion- and solution-polymerized types - Evaluation procedures - 2/10/2022, $71.00

ISO/DIS 11346, Rubber, vulcanized or thermoplastic - Estimation of life-time and maximum temperature of use - 6/30/2022, $82.00

Small tools (TC 29)

ISO/DIS 8405, Tools for moulding - Ejector sleeves with cylindrical head - Basic series for general purposes - 6/26/2022, $40.00

Steel (TC 17)

ISO/DIS 4998, Steel sheet, zinc-coated and zinc-iron alloy-coated by the continuous hot-dip process, of structural quality - 6/27/2022, $67.00

Terminology (principles and coordination) (TC 37)

ISO/DIS 639-4, Code for the representation of individual languages and language groups - Part 4: General principles, rules and guidelines - 2/10/2022, $107.00

ISO/DIS 24495-1, Plain language - Part 1: Governing principles and guidelines - 6/19/2022, $67.00

Textiles (TC 38)

ISO/DIS 9073-14, Nonwovens - Test methods - Part 14: Coverstock wetback (simulated urine) - 7/1/2022, $58.00

Thermal insulation (TC 163)

ISO/FDIS 24260, Thermal insulation products - Hemp fiber mat and board - Specification - 8/22/2021, $67.00

Timber structures (TC 165)

ISO/FDIS 23478, Bamboo structures - Engineered bamboo products - Test methods for determination of physical and mechanical properties - 5/2/2021, $93.00

Tobacco and tobacco products (TC 126)

ISO/DIS 3402, Tobacco and tobacco products - Atmosphere for conditioning and testing - 6/26/2022, $33.00

ISO/FDIS 24199, Vapour products - Determination of nicotine in vapour product emissions - Gas chromatographic method - 5/6/2021, $53.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO/DIS 21622-2, Irrigation techniques - Remote monitoring and control for irrigation - Part 2: Tests - 6/25/2022, $107.00

Transport information and control systems (TC 204)

ISO/DIS 21177, Intelligent transport systems - ITS station security services for secure session establishment and authentication between trusted devices - 2/10/2022, $155.00

Welding and allied processes (TC 44)

ISO/DIS 15614-2, Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 2: Arc welding of aluminium and its alloys - 6/30/2022, $88.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 9660, Information processing - Volume and file structure of CD-ROM for information interchange - 2/10/2022, $125.00

ISO/IEC FDIS 30150-1, Information technology - Affective computing user interface (AUI) - Part 1: Model - 3/4/2019, $67.00

IEC Standards

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

46F/616(F)/FDIS, IEC 60153-4 ED4: Hollow metallic waveguides - Part 4: Relevant specifications for circular waveguides, 04/29/2022

46/882/FDIS, IEC 60966-4-2 ED1: Radio frequency and coaxial cable assemblies - Part 4-2: Detail specification for semi rigid cable assemblies (jumper), Frequency range up to 6000MHz, Type 50-9 semi-rigid coaxial cable, applicable to ISO/IEC 11801 -1, 05/20/2022

46/883/FDIS, IEC 60966-4-3 ED1: Radio frequency and coaxial cable assemblies - Part 4-3: Detail specification for semi-rigid cable assemblies, Frequency range up to 6000MHz, Type 50 -12 low loss semi-rigid coaxial cable, applicable to ISO/IEC 11801-1, 05/20/2022

46C/1220/CDV, IEC 62807-3 ED1: Hybrid telecommunication cables - Part 3: Outdoor hybrid cables - Sectional specification, 07/01/2022

46C/1221/CDV, IEC 62807-3-10 ED1: Hybrid Telecommunication Cables - Part 3-10: Family specification for FTTA hybrid communication cables, 07/01/2022

Electrical accessories (TC 23)

23/1001/FDIS, IEC 63044-5-1/AMD1 ED1: Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-1: EMC requirements, conditions and test set-up, 05/20/2022

23/1002/FDIS, IEC 63044-5-2/AMD1 ED1: Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-2: EMC requirements for HBES/BACS used in residential, commercial and light-industrial environments, 05/20/2022

23/1003/FDIS, IEC 63044-5-3/AMD1 ED1: Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-3: EMC requirements for HBES/BACS used in industrial environments, 05/20/2022

Electrical Energy Storage (EES) Systems (TC 120)

120/272/CD, IEC 62933-4-4 ED1: Electrical energy storage (EES) systems- Part 4-4: Standard on environmental issues battery-based energy storage systems (BESS) with reused batteries - requirements, 06/03/2022

Electrical installations of ships and of mobile and fixed offshore units (TC 18)

18/1773/NP, PNW 18-1773 ED1: Maritime battery system - Part 1: Secondary lithium cells and batteries - Safety requirements, 07/01/2022

Electroacoustics (TC 29)

29/1118(F)/FDIS, IEC 60318-7 ED1: Electroacoustics - Simulators of human head and ear - Part 7: Head and torso simulator for the measurement of sound sources close to the ear, 04/29/2022

Electrostatics (TC 101)

101/650/CDV, IEC 61340-4-7 ED3: Electrostatics - Part 4-7: Standard test methods for specific applications - Ionization, 07/01/2022

Equipment for electrical energy measurement and load control (TC 13)

13/1864/FDIS, IEC 62055-31 ED2: Electricity metering - Payment systems - Part 31: Particular requirements - Static payment meters for active energy (classes 0,5, 1 and 2), 05/20/2022

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

112/566/CD, IEC 62631-3-2 ED2: Dielectric and resistive properties of solid insulating materials - Part 3-2: Determination of resistive properties (DC methods) - Surface resistance and surface resistivity, 07/01/2022

Fuses (TC 32)

32C/600/CDV, IEC 60127-1 ED3: Miniature fuses - Part 1: Definitions for miniature fuses and general requirements for miniature fuse-links, 07/01/2022

Industrial-process measurement and control (TC 65)

65C/1164(F)/FDIS, IEC 62657-4 ED1: Industrial communication networks - Coexistence of wireless systems - Part 4: Coexistence management with central coordination of wireless applications, 04/29/2022

Insulators (TC 36)

36/544/CDV, IEC 60383-1 ED5: Insulators for overhead lines with a nominal voltage above 1000 V - Part 1: Ceramic or glass insulator units for a.c. systems - Definitions, test methods and acceptance criteria, 07/01/2022

Lamps and related equipment (TC 34)

34C/1554/CD, IEC 61347-1 ED4: Controlgear for electric light sources - Safety - Part 1: General requirements, 07/01/2022

34C/1551/CD, IEC 61347-2-11 ED2: Controlgear for electric light sources - Safety - Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires, 07/01/2022

34C/1553/CD, IEC 61347-2-13 ED3: Controlgear for electric light sources - Safety - Part 2-13: Particular requirements for electronic controlgear for LED light sources, 07/01/2022

34C/1552/CD, IEC 61347-2-2 ED3: Controlgear for electric light sources - Safety - Part 2-2: Particular requirements for DC or AC supplied electronic step-down convertors for filament lamps, 07/01/2022

34D/1658/FDIS, IEC 62722-1 ED2: Luminaire performance - Part 1: General requirements, 05/20/2022

Methods for the Assessment of Electric, Magnetic and Electromagnetic Fields Associated with Human Exposure (TC 106)

106/567/CD, IEC 61786-1/AMD1 ED1: Amendment 1 - Measurement of DC magnetic, AC magnetic and AC electric fields from 1 Hz to 100 kHz with regard to exposure of human beings - Part 1: Requirements for measuring instruments, 07/01/2022

106/568/DTR, IEC TR 63377 ED1: Procedures for the assessment of human exposure to electromagnetic fields from radiative wireless power transfer systems - measurement and numerical simulation methods (Frequency range of 30 MHz to 300 GHz), 06/03/2022

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

113/657/NP, PNW TS 113-657 ED1: Nanomanufacturing - Key Control Characteristics - Part 9-2: Traceable spatially resolved nano-scale magnetic field measurements - Magneto-optical indicator film technique, 07/01/2022

Power system control and associated communications (TC 57)

57/2482(F)/FDIS, IEC 61970-401 ED1: Energy management system application program interface (EMS-API) - Part 401: Profile framework, 04/22/2022

Printed Electronics (TC 119)

119/385/CDV, IEC 62899-202 ED2: Printed electronics - Part 202: Materials - Conductive ink, 07/01/2022

Solar photovoltaic energy systems (TC 82)

82/2024(F)/FDIS, IEC 62108 ED3: Concentrator photovoltaic (CPV) modules and assemblies - Design qualification and type approval, 04/29/2022

Steam turbines (TC 5)

5/248(F)/FDIS, IEC 60953-0 ED1: Rules for steam turbine thermal acceptance tests - Part 0: Wide range of accuracy for various types and sizes of turbines, 04/22/2022

Switchgear and controlgear (TC 17)

17C/843(F)/FDIS, IEC 62271-202 ED3: High-voltage switchgear and controlgear - Part 202: Prefabricated substation, 04/29/2022

17A/1346/CD, IEC TS 62271-313 ED1: High-voltage switchgear and controlgear - Part 313: Direct current circuit-breakers, 07/01/2022

17A/1347/CD, IEC TS 62271-314 ED1: High-voltage switchgear and controlgear - Part 314: Direct current disconnectors and earthing switches, 07/01/2022

17/1123/CD, IEC TS 62271-320 ED1: High-voltage switchgear and controlgear - Part 320: Environmental aspects and life cycle assessment rules, 06/03/2022

(TC)

SyCAAL/262/DTS, IEC TS 63134/AMD1 ED1: Amendment 1 - Active Assisted Living (AAL) use cases, 07/01/2022

Wind turbine generator systems (TC 88)

88/879/CD, IEC TS 61400-11-2 ED1: Wind energy generation systems - Part 11-2: Measurement of wind turbine noise characteristics in receptor position, 07/01/2022

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

Additive manufacturing (TC 261)

ISO/ASTM 52925:2022, Additive manufacturing of polymers - Feedstock materials - Qualification of materials for laser-based powder bed fusion of parts, $111.00

Ferrous metal pipes and metallic fittings (TC 5)

ISO 23991:2022, Irrigation applications of ductile iron pipelines - Product design and installation, $175.00

Fire safety (TC 92)

ISO 12863:2022, Standard test method for assessing the ignition propensity of cigarettes, $149.00

Human resource management (TC 260)

ISO 30401:2018/Amd 1:2022, - Amendment 1: Knowledge management systems - Requirements - Amendment 1, $20.00

Internal combustion engines (TC 70)

ISO 7967-6:2022, Reciprocating internal combustion engines - Vocabulary of components and systems - Part 6: Lubricating systems, $48.00

Machine tools (TC 39)

ISO 28881:2022, Machine tools - Safety - Electrical discharge machines, $225.00

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

ISO 13503-3:2022, Petroleum and natural gas industries - Completion fluids and materials - Part 3: Testing of heavy brines, $111.00

Medical devices for injections (TC 84)

ISO 11608-1:2022, Needle-based injection systems for medical use - Requirements and test methods - Part 1: Needle-based injection systems, $225.00

ISO 11608-2:2022, Needle-based injection systems for medical use - Requirements and test methods - Part 2: Double-ended pen needles, $175.00

ISO 11608-3:2022, Needle-based injection systems for medical use - Requirements and test methods - Part 3: Containers and integrated fluid paths, $175.00

ISO 11608-4:2022, Needle-based injection systems for medical use - Requirements and test methods - Part 4: Needle-based injection systems containing electronics, $225.00

ISO 11608-5:2022, Needle-based injection systems for medical use - Requirements and test methods - Part 5: Automated functions, $149.00

ISO 11608-6:2022, Needle-based injection systems for medical use - Requirements and test methods - Part 6: On-body delivery systems, $149.00

Metallic and other inorganic coatings (TC 107)

ISO 4531:2022, Vitreous and porcelain enamels - Release from enamelled articles in contact with food - Methods of test and limits, $73.00

Natural gas (TC 193)

ISO 20765-5:2022, Natural gas - Calculation of thermodynamic properties - Part 5: Calculation of viscosity, Joule-Thomson coefficient, and isentropic exponent, $111.00

Nuclear energy (TC 85)

ISO 10645:2022, Nuclear energy - Light water reactors - Decay heat power in non-recycled nuclear fuels, $149.00

Road vehicles (TC 22)

ISO 16844-2:2022, Road vehicles - Tachograph systems - Part 2: Recording unit communication interface, $48.00

Rubber and rubber products (TC 45)

ISO 18064:2022, Thermoplastic elastomers - Nomenclature and abbreviated terms, $73.00

Safety of amusement rides and amusement devices (TC 254)

ISO 17842-2:2022, Safety of amusement rides and amusement devices - Part 2: Operation and use, $175.00

Technical systems and aids for disabled or handicapped persons (TC 173)

ISO 7176-19:2022, Wheelchairs - Part 19: Wheelchairs for use as seats in motor vehicles, $250.00

Transport information and control systems (TC 204)

ISO 5345:2022, Intelligent transport systems - Identifiers, $73.00

ISO 12855:2022, Electronic fee collection - Information exchange between service provision and toll charging, $250.00

Vulnerable consumers (TC 311)

ISO 22458:2022, Consumer vulnerability - Requirements and guidelines for the design and delivery of inclusive service, $175.00

ISO Technical Reports

Agricultural food products (TC 34)

ISO/TR 21380:2022, Matcha tea - Definition and characteristics, $73.00

ISO Technical Specifications

Graphic technology (TC 130)

ISO/TS 18621-11:2022, Graphic technology - Image quality evaluation methods for printed matter - Part 11: Colour gamut analysis, $111.00

Mechanical vibration and shock (TC 108)

ISO/TS 22704:2022, Mechanical vibration - Uncertainty of the measurement and evaluation of human exposure to vibration, $175.00

Road vehicles (TC 22)

ISO/TS 5385:2022, Road vehicles - Anti-fog coating for exterior lighting devices - Specification, $73.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 38507:2022, Information technology - Governance of IT - Governance implications of the use of artificial intelligence by organizations, $175.00

Other

ISO/IEC 17060:2022, Conformity assessment - Code of good practice, $73.00

IEC Standards

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

IEC 63033-1 Ed. 1.0 b:2022, Multimedia systems and equipment for vehicles - Surround view system - Part 1: General, $183.00

IEC 63033-4 Ed. 1.0 b:2022, Multimedia systems and equipment for vehicles - Surround view system - Part 4: Application for camera monitor systems, $133.00

Electroacoustics (TC 29)

IEC 60318-8 Ed. 1.0 b:2022, Electroacoustics - Simulators of human head and ear - Part 8: Acoustic coupler for high-frequency measurements of hearing aids and earphones coupled to the ear by means of ear inserts, $259.00

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

IEC 62631-2-2 Ed. 1.0 b:2022, Dielectric and resistive properties of solid insulating materials - Part 2-2: Relative permittivity and dissipation factor - High frequencies (1 MHz to 300 MHz) - AC methods, $221.00

IEC Technical Specifications

Marine energy - Wave, tidal and other water current converters (TC 114)

IEC/TS 62600-202 Ed. 1.0 en:2022, Marine energy - Wave, tidal and other water current converters - Part 202: Early stage development of tidal energy converters - Best practices and recommended procedures for the testing of pre-prototype scale devices, $392.00

Accreditation Announcements (U.S. TAGs to ISO)

Public Review of Application for Accreditation of a U.S. TAG to ISO

U.S. Technical Advisory Group (TAG) to ISO TC 269, Railway applications (including SC 1, Infrastructure and SC 2, Rolling stock)

Submit comments to ANSI by April 16, 2022

The American National Standards Institute (ANSI), with financial and technical support from the U.S. Department of Transportation Volpe Center, has submitted an Application for Accreditation for a new proposed U.S. Technical Advisory Group (TAG) to ISO TC 269, Railway applications (including SC 1, Infrastructure and SC 2, Rolling stock) and a request for approval as TAG Administrator. The proposed TAG intends to operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures: https://www.ansi.org/iso/us-representation-in-iso/international-procedures

To obtain a copy of the TAG application or to offer comments, please contact: Jason Knopes, Sr. Manager, ANSI, 25 W 43rd Street, 4th Floor, New York, NY 10036; phone: 212.642.4886; email: jknopes@ansi.org). Please submit any comments to ANSI by April 16, 2022 (please copy jthompso@ansi.org).

International Electrotechnical Commission (IEC)

USNC TAG Administrator - Organization Needed

USNC TAG to IEC CIS/A - Radio-Interference Measurements and Statistical Methods

Deadline April 29, 2022

NEMA is relinquishing its role as the USNC TAG Administrator for the USNC TAG to IEC/TC 77 SC77A SC77B SC77C CISPR CIS/A CIS/B CIS/F CIS/H and CIS/I by September 1, 2022. The USNC is looking for a new organization(s) to take on this USNC TAG Administratorship(s). Please note that according to the rules and procedures of the USNC, a USNC TAG cannot exist without a USNC TAG Administrator. If we cannot find a new USNC TAG Administrator, the USNC will have to withdraw from international participation and register with the IEC as a Non-Member of this Committee.

If an organization is interested in the position of USNC TAG Administrator for the USNC TAG to IEC CIS/A, they are invited to contact Betty Barro at bbarro@ansi.org by April 29th, 2022.

Scope: CIS/A - Radio-Interference Measurements and Statistical Methods
Standardization of:
a) measuring instruments, ancillary apparatus and test sites;
b) measuring methods common to several applications;
NOTE The method of connection, arrangement and use of equipment for the measurement of a particular source of disturbance is primarily the responsibility of the subcommittee dealing with that source, but liaison is maintained with Subcommittee A to achieve the maximum coordination.
c) treatment of uncertainties in CISPR compliance tests
d) sampling methods used in statistical interpretation of disturbance measurement results and used in correlating the measurement of disturbance with its effect on signal reception; for publication in CISPR basic EMC standards and related technical reports. Evaluation of proposals for methods of measurement developed by other CISPR subcommittees, and consideration of those proposals for publication in CISPR basic or product standards.

International Electrotechnical Commission (IEC)

USNC TAG Administrator - Organization Needed

USNC TAG to IEC CIS/B - Interference relating to industrial scientific, and medical radio-frequency apparatus, to other (heavy) industrial equipment, to overhead power lines, to high voltage equipment and to electrical traction

Deadline April 29, 2022

If an organization is interested in the position of USNC TAG Administrator for the USNC TAG to IEC CIS?B, they are invited to contact Betty Barro at bbarro@ansi.org by April 29th, 2022.

Scope: CIS/B - Interference relating to industrial scientific, and medical radio-frequency apparatus, to other (heavy) industrial equipment, to overhead power lines, to high voltage equipment and to electrical traction

Standardization in the field of limits and particular methods of measurement for control of radio frequency disturbances from industrial, scientific and medical electrical equipment also including particular industrial, scientific and medical ISM RF equipment as defined in the ITU Radio Regulations. The scope of activities in CISPR SC B comprises, but is not limited to the following typical types of products:

General purpose applications
- Laboratory equipment
- Medical electrical equipment
- Scientific equipment
- Semiconductor-converters
- Industrial electroheating equipment with operating frequencies less than or equal to 9 kHz
- Machine tools
- Industrial process measurement and control equipment
- Semiconductor manufacturing equipment

ISM RF applications
- Microwave-powered UV irradiating apparatus
- Microwave lighting apparatus
- Industrial induction heating equipment operating at frequencies above 9 kHz
- Induction cookers
- Dielectric heating equipment
- Industrial microwave heating equipment
- Microwave ovens
- Medical electrical equipment
- Electric welding equipment
- Electro-discharge machining (EDM) equipment
- Demonstration models for education and training

Standardization in the field of limits and measuring methods for evaluation of radio frequency disturbances from high-voltage overhead power lines inclusive electric traction of railways and urban transport, and from high voltage alternate current (AC) substations and direct current (DC) converter stations.

International Electrotechnical Commission (IEC)

USNC TAG Administrator - Organization Needed

USNC TAG to IEC CIS/F - Interference relating to household appliance tools, lighting equipment and similar apparatus

Deadline April 29, 2022

If an organization is interested in the position of USNC TAG Administrator for the USNC TAG to IEC CIS/F, they are invited to contact Betty Barro at bbarro@ansi.org by April 29th, 2022.

Scope: CIS/F - Interference relating to household appliance tools, lighting equipment and similar apparatus Standardization in the field of limits and particular methods of measurement for control of radio frequency disturbances from (and immunity* of) electric motor operated and thermal appliances for household and similar purposes, electrical tools, lighting equipment, low power semiconductor control devices and similar apparatus.

The scope of activities in CISPR SC F comprises, but is not limited to the following typical types of products:

- Kitchen Appliances
- cooking appliances
- dishwashers
- refrigerators
- coffee makers
- Other Domestic Appliances
- washing machines and dryers
- cloths irons
- vacuum cleaners
- air conditioning systems
- Electric and Electronic Toys
- motorised toys
- electrically powered educational toys
- electronic games and gaming consoles
- Electrically operated power tools
- drills, impact drills
- screwdrivers
- thread cutting machines
- Lighting and similar equipment
- luminaires using e.g. fluorescent lamps or LEDs
- street lighting
- neon signs
- independent ballasts, transformer & convertor etc.

Standardization for equipment covered by the scope of other subcommittees of CISPR is excluded from the scope of CISPR SC F for example lasers and microwave cooking appliances.

* The responsible standardization committee is IEC TC 34 for lighting equipment.

International Electrotechnical Commission (IEC)

USNC TAG Administrator - Organization Needed

USNC TAG to IEC CIS/H - Limits for the protection of radio services

Deadline April 29, 2022

If an organization is interested in the position of USNC TAG Administrator for the USNC TAG to IEC CIS/H, they are invited to contact Betty Barro at bbarro@ansi.org by April 29th, 2022.

Scope: CIS/H - Limits for the protection of radio services
Standardization in the field of identification of generic-type limits and methods of measurement for the assessment and control of radio frequency disturbances from any kind of electrical or electronic appliance intended for operation and use in a given electromagnetic environment, and incorporation of these requirements in the respective CISPR Generic Emission Standards.
Standardization in the field of CISPR coupling and disturbance models for determination of emission limits for the protection of radio services taking into account the needs of Product Committees.
Maintenance for the database for the characteristics of radio services.
Evaluation of proposals for limits for control of radio frequency disturbances developed by subcommittees of CISPR and review for their inclusion in CISPR Product Standards.

USNC TAG Administrator - Organization Needed

USNC TAG to IEC CIS/I - Electromagnetic compatibility of information technology equipment, multi-media equipment and receivers

Deadline April 29, 2022

If an organization is interested in the position of USNC TAG Administrator for the USNC TAG to IEC CIS/I, they are invited to contact Betty Barro at bbarro@ansi.org by April 29th, 2022.

Scope: CIS/I - Electromagnetic compatibility of information technology equipment, multi-media equipment and receivers
Standardization in the field of EMC to establish limits and particular methods of measurement for the control of radio frequency disturbances from immunity of Multimedia Equipment including Information Technology Equipment , Radio and TV Broadcast Receivers and Associated Equipment.
The radio transmission aspects of MME transceivers and transmitters are excluded from the work of CISPR/I and are activities handled by other international standards organizations such as ITU-R.

International Electrotechnical Commission (IEC)

USNC TAG Administrator - Organization Needed

USNC TAG to IEC CISPR - International Special Committee on Radio Interference

Deadline April 29, 2022

If an organization is interested in the position of USNC TAG Administrator for the USNC TAG to IEC CISPR, they are invited to contact Betty Barro at bbarro@ansi.org by April 29th, 2022.

Scope: CISPR - International Special Committee on Radio Interference
Standardization in the field of electromagnetic compatibility (EMC) including:
1) Protection of radio reception in the range 9 kHz to 400 GHz from interference caused by operation of electrical or electronic appliances and systems in the electromagnetic environment.
2) Measurement instrumentation, facilities, methods and statistical analysis for the measurement of disturbance.
3) Limits for radio disturbances caused by electrical or electronic appliances and systems.
4) Requirements for the immunity of electrical appliances, multimedia equipment, information technology equipment and sound and television broadcast receiving installations from interference.
5) Liaison with IEC Technical Committees that maintain basic standards that apply the prescriptions of methods of measurement of such immunity. Test levels for such immunity tests will be set by CISPR in relevant product standards.
6) The consideration jointly with other IEC and ISO committees of the emission and immunity requirements for devices and products where their standards cover EMC requirements which do not match to the respective requirements in CISPR standards.
7) Taking into account the impact of safety issues on disturbance suppression and immunity of electrical equipment. For further information about CISPR standards see the CISPR Guide.

I-MEMBERS
CISPR's member constituency includes more than national committees. I-members are shown here as CISPR is a special committee, unique in this aspect. I-members are shown on CISPR dashboard under the liaisons tab. Currently the following organisations are I-members of CISPR:
- CIGRE (International Council on Large Electric Systems)
- EBU (European Broadcasting Union)
- ECMA International
- ETSI (European Telecommunications Standards Institute)
- IARU (International Amateur Radio Union)
- ITU-R (International Telecommunication Union - Radio-communication Sector)
- ITU-T (International Telecommunication Union - Telecommunication Standardization Sector)

CISPR rules are covered in Annex SM of the ISO/IEC Directives Part 1.

International Electrotechnical Commission (IEC)

USNC TAG Administrator - Organization Needed

USNC TAG to IEC SC 77A - EMC – Low frequency phenomena

Deadline April 29, 2022

If an organization is interested in the position of USNC TAG Administrator for the USNC TAG to IEC/TC SC77A, they are invited to contact Betty Barro at bbarro@ansi.org by April 29th, 2022.

Scope: SC 77A - EMC – Low frequency phenomena
Standardization in the field of electromagnetic compatibility with regard to low frequency phenomena (ca <= 9 kHz, see note).
Note: This limit frequency can be adapted to a higher frequency according to the phenomena or equipment

USNC TAG Administrator - Organization Needed

USNC TAG to IEC SC 77B - High frequency phenomena

Deadline April 29, 2022

If an organization is interested in the position of USNC TAG Administrator for the USNC TAG to IEC/TC SC77B, they are invited to contact Betty Barro at bbarro@ansi.org by April 29th, 2022.

Scope: SC 77B - High frequency phenomena
Standardization in the field of electromagnetic compatibility with regard to high frequency continuous and transient phenomena (ca > 9 kHz, see Note).
Note: This limit frequency can be adapted toward a lower or higher frequency according to the phenomena or equipment.

USNC TAG Administrator - Organization Needed

USNC TAG to IEC SC 77C - High power transient phenomena

Deadline April 29, 2022

If an organization is interested in the position of USNC TAG Administrator for the USNC TAG to IEC/TC SC77C, they are invited to contact Betty Barro at bbarro@ansi.org by April 29th, 2022.

Scope: SC 77C - High power transient phenomena
Standardization in the field of electromagnetic compatibility to protect equipment, systems and installations from intense but infrequent high power transient phenomena including: the electromagnetic fields produced by nuclear detonations at high altitude (High Altitude Electromagnetic Pulse (HEMP)); sources of Intentional Electromagnetic Interference (EMI); and Geomagnetically Induced Currents (GIC) from solar activity.
Lightning and other transient phenomena are excluded from the scope of SC 77C.

Registration of Organization Names in the United States

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

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

BSR/ASHRAE Addendum *o* to
ANSI/ASHRAE Standard 154-2016

Public Review Draft

Proposed Addendum *o* to Standard 154-2016, Ventilation for Commercial Cooking Operations

First Public Review (April 2022)
(Draft shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHARE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

ASHRAE, 180 Technology Parkway, Peachtree Corners GA 30092

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

In the context of the new publication of Standard 154, demand-controlled kitchen ventilation (DCKV) is the terminology used to replace DCV for commercial kitchen exhaust systems. The title of Section 7.1.2 is amended to be consistent where it is used elsewhere in the standard, and Section 7.1.2.1 is revised to be consistent with the terminology in the new publication of the standard. Section 7.1.2.4 is also revised to make it clearer.

7.1.2 Demand-controlled kitchen ventilation

7.1.2.1 The exhaust flow rate is permitted to be reduced during partial load cooking and when there is no cooking through the means of demand-controlled kitchen ventilation.

7.1.2.4 Demand-controlled kitchen ventilation (DCKV) systems shall be designed and ~~part of a~~ listed ~~hood~~ for the purpose of modulating exhaust airflows.~~, or shall be engineered.~~

BSR/ASHRAE Addendum *p* to
ANSI/ASHRAE Standard 154-2016

Public Review Draft

Proposed Addendum *p* to Standard 154-2016, Ventilation for Commercial Cooking Operations

First Public Review (April 2022)
(Draft shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHARE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

ASHRAE, 180 Technology Parkway, Peachtree Corners GA 30092

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

Addendum p revises the definition of ventilated ceiling hood elaborating on its use and adds supply air option. This addendum also adds a design feature for recirculating hoods on how exhaust air from cooking appliances can be drawn by the hood. This design method is allowable per NFPA 96 code and UL 710B standard.

This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions).

hood: a device designed to capture and contain cooking effluent, including grease, smoke, steam, heat, and vapor, until it is exhausted through a duct or recirculating system. Hoods are categorized as Type I or Type II.

> ***Type I hood:*** a hood used for collecting and removing convective heat, grease particulate, condensible vapor, and smoke. This category includes listed grease filters, baffles, or extractors for removing the grease and a fire suppression system. Type I hoods are installed over cooking appliances, such as ranges, fryers, griddles, broilers, and ovens, that produce smoke or grease-laden vapors. For Type I hoods, the following types of hoods are commonly available.

g. ventilated ceiling hood: a ventilated ceiling is used to provide large area extraction of steam and vapor and is typically installed so that the bottom edge of the hood is flush with the ceiling height. Supply air can be integrated into the design of a ventilated ceiling hood.

h. recirculating hood: a hood with an integral or non-integral electric cooking appliance to capture and contain cooking effluent, consisting of a fan, air filtering system, and a fire extinguishing system. A recirculating hood may also be configured in a downdraft orientation that draws air away from the cooking appliance downward into a ventilation system (UL 710B, NFPA).

BSR/ASHRAE Addendum *q* to
ANSI/ASHRAE Standard 154-2016

Public Review Draft

Proposed Addendum *q* to Standard 154-2016, Ventilation for Commercial Cooking Operations

First Public Review (April 2022)
(Draft shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHARE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

ASHRAE, 180 Technology Parkway, Peachtree Corners GA 30092

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

Addendum q clarifies and provides the necessary distinction between DCV and DCKV. Demand controlled kitchen ventilation is defined and used for exhaust airflow of commercial kitchen hoods. Other ASHRAE standards (e.g., 90.1 and 62.1) use the DCV language or terminology for outdoor air.

This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions).

3. DEFINITIONS

demand-controlled kitchen ventilation (DCKV): a ventilation system that utilizes an automatically controlled variable-speed device, such as a multispeed fan or variable-speed drive, to modulate the exhaust airflow rates in response to the variation in cooking load.

BSR/ASHRAE Addendum *r* to
ANSI/ASHRAE Standard 154-2016

Public Review Draft

Proposed Addendum *r* to Standard 154-2016, Ventilation for Commercial Cooking Operations

First Public Review (April 2022)
(Draft shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHARE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

ASHRAE, 180 Technology Parkway, Peachtree Corners GA 30092

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

Addendum r revises the Informative Note in Section 7 for consistency with the terminology in the new publication of the standard.

This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions).

7.1.2.3

Informative Note: Replacement air units may have minimum airflow requirements for safe or effective operation of heating and/or cooling/dehumidification functions. Demand-controlled kitchen ventilation systems' minimum airflow settings must not be set lower than the replacement air systems minimum operating airflow.

Public Review Draft

Proposed Addendum i to Standard 189.1-2020

Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

Second Public Review (March 2022)
(Draft Shows Proposed Independent Substantive Changes to Previous Public Review Draft)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

ASHRAE, 180 Technology Pkwy NW, Peachtree Corners, GA 30092

March 2, 2022 ASHRAE

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

Foreword

Addendum i adds requirements for demand responsive controls that enable electric water heaters to provide electric load shifting and energy storage capacity in many building types. It has the potential to reduce load on the electric grid at peak periods and save in utility bills by reducing peak load electric costs. In response to comments, the ISC proposes to add the definition of demand response signal, to add the use of an "approved" standard, to add new exceptions to the control requirements, and to delay the effective date of a newer control standard.

[Note to Reviewers: This addendum makes proposed independent substantive changes to the previous public review draft. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the previous public review draft are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum i to 189.1-2020

Add definition as follows:

demand responsive control: A control capable of receiving and automatically responding to a ~~demand signal~~*demand response signal*.

demand response signal: A signal that indicates a price or a request to modify electricity consumption for a limited time period.

Modify Section 7.3.4.4 as follows:

7.3.4.4 Demand Responsive ~~Electric~~ Water Heating Electric storage water heaters with a rated water storage volume ~~tank capacity greater than 20 gallons (75 L)~~ of 40 gallons (150L) to 120 gallons (450L) and a nameplate input rating equal to or less than 12kW shall be provided with controls that meet the requirements in Table 7.3.4 or an equivalent *approved* standard. ~~shall be provided with *demand responsive controls* that comply with ANSI/CTA-2045-B.~~

Exceptions:

1. Water heaters that provide a hot water delivery temperature of 180°F (82°C) or greater
2. Water heaters that comply with Section IV, Part HLW or Section X of the ASME Boiler and Pressure Vessel Code
3. Water heaters that use 3-phase electric power

Table 7.3.4 Electric Storage Water Heater Controls

Equipment Type	Controls	
	Before 7/1/2025	As of 7/1/2025
Electric Storage Water heaters	ANSI/CTA-2045-B Level 1 and also capable of initiating water heating to meet the temperature set point in response to a *demand response signal*	ANSI/CTA-2045-B Level 2, except all related requirements for "Price Stream Communication" functionality.

Modify reference in Chapter 11 Normative References as follows:

Reference	Title	Section
American National Standards Institute (ANSI) 25 West 43rd Street New York, NY 20036, United States 1-212-642-4900; www.ansi.org		
ANSI/CTA-2045-B 2021	Modular Communications Interface for Energy Management	7.3.4.4

Public Review Draft

Proposed Addendum q to Standard 189.1-2020

Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

First Public Review (March, 2022)
(Draft Shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

ASHRAE, 180 Technology Pkwy NW, Peachtree Corners, GA 30092

BSR/ASHRAE/ICC/USGBC/IES Addendum q to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings* 1st Public Review Draft

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

Foreword

This draft addendum updates the requirements for EV charging infrastructure in the Standard. It allows the building designer or owner to install EV ready spaces or install EV charging stations (and infrastructure) or both to comply with the requirements of Section 5.3.7.3.

In addition, this addendum updates the current definition of EV ready space and adds new definitions for Electric Vehicle Supply Equipment (EVSE) and EVSE installed space.

This addendum will provide more flexibility to building owners and designers, especially in jurisdictions that have requirements for both EV ready and EVSE installed as part of their minimum building or energy codes.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum q to 189.1-2020

Add or Revise Definitions as follows:

3.2 Definitions

EV ready space: a designated parking space provided with at least a 50 A, 208/240V dedicated branch circuit for Level 2 *EVSE*. The circuit ~~shall~~ includes an overcurrent protective device and ~~shall~~ terminates in a junction box or receptacle outlet~~, NEMA 6-50 or NEMA 14-50 receptacle, or EVSE and be~~ located in close proximity to the proposed location of the EV parking spaces.

Electric Vehicle Supply Equipment (EVSE): ~~the conductors~~ Equipment for plug-in power transfer including the ungrounded, grounded and equipment grounding conductors~~.~~, and the electric vehicle connectors, attachment plugs, personnel protection system and all other fittings, devices, power outlets or apparatus installed specifically for the purpose of transferring energy between the premises wiring and the electric vehicle.

Electric Vehicle Supply Equipment Installed Space (EVSE space): A vehicle parking space that is provided with a dedicated *EVSE* connection.

…

(rest of the section is unchanged)

Revise Section 5.3.7.3 as follows:

5.3.7.3 Electric Vehicle Charging Facilities.

5.3.7.3.1 IBC Occupancy Group A, B, E, F, I, M, and S Buildings. Where 20 or more on-site vehicle parking spaces are provided for International Building Code (IBC) Occupancy Group A, B, E, F, I, M, and S buildings, not less than 4% of the total number of parking spaces or not less than 8% of designated employee only parking spaces shall be *EV ready spaces or EVSE spaces*. The required number of *EV ready spaces or EVSE spaces* shall be rounded up to the next highest whole number.

5.3.7.3.2 IBC Occupancy Group R-1, R-2, and R-4 Buildings. Where 10 or more on-site vehicle parking spaces are provided for IBC Occupancy Group R-1, R-2, and R-4 buildings, not less than 20% of the total number of parking spaces shall be *EV ready spaces or EVSE spaces*. The required number of *EV ready spaces or EVSE spaces* shall be rounded up to the next highest whole number.

Exception to 5.3.7.3: parking spaces designated for other than passenger vehicles are permitted

to be excluded from the total number of on-site parking spaces.

Public Review Draft

Proposed Addendum r to Standard 189.1-2020

Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

1st Public Review (March 2022)
(Draft Shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

ASHRAE, 180 Technology Pkwy NW, Peachtree Corners, GA 30092

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

Foreword

In response to a CMP, this section is being revised to align with many current code requirements for the criteria of roofs with a slope of exactly 2:12.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum r to 189.1-2020

Modify Section 5 as follows

5.3.5.3 Roofs. This section applies to the building and covered parking *roof* surfaces for *building projects* in *Climate Zones* 0, 1, 2, 3, 4A, and 4B. A minimum of 75% of the *roof* surface shall be covered with products that:

a. have a minimum three-year-aged *SRI* of 64 in accordance with Section 5.3.5.4 for *roofs* with a slope of less than ~~or equal to~~ 2:12.
b. have a minimum three-year-aged *SRI* of 25 in accordance with Section 5.3.5.4 for *roofs* with a slope of ~~more than~~ 2:12 or greater.

BSR/ASHRAE/IES Addendum cs
to ANSI/ASHRAE/IES Standard 90.1-2019

Public Review Draft

Proposed Addendum cs to Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings

First Public Review (March 2022)
(Draft Shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHARE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

ASHRAE, 180 Technology Parkway NW, Peachtree Corners, GA 30092

FOREWORD

This addendum makes two updates to Chapter 11.

The first update is a minor correction to provide consistency within Chapter 11. Table 11.5.1 (11) requires service hot water heating systems to meet the requirements of 7.4 and 7.5. The addition of 7.5 was previously omitted from body of the text.

The second update specifies the budget building must be modeled to meet the requirements of Section 6.5.4.8 for high-capacity space-heating gas boilers.

This addendum clarifies the requirements of Section 11 and has no cost impact.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum cs to 90.1-2019

Modify the IP edition of the standard as follows

11.5.2 HVAC Systems

The *HVAC system* type and related performance parameters for the *budget building design* shall be determined from Figure 11.5.2, the *system* descriptions in Table 11.5.2-1 and accompanying notes, and the following rules:

a. **Budget *Building Systems* Not Listed.** Components and parameters not listed in Figure 11.5.2 and Table 11.5.2-2 or otherwise specifically addressed in this subsection shall be identical to those in the *proposed design*.

Exception to 11.5.2(a)

Where there are specific requirements in Sections 6.4 and 6.5, the component *efficiency* in the *budget building design* shall be adjusted to the lowest *efficiency* level allowed by the requirement for that component type.

---

b. Minimum *Equipment Efficiency*. All HVAC and *service water-heating equipment* in the *budget building design* shall be modeled at the minimum *efficiency* levels, both part load and full load, in accordance with Sections 6.4, 6.5.4.8, ~~and~~ 7.4 and 7.5 based on the budget *system* type determined following Section 11.5.2(j) and capacity determined following Section 11.5.2(i). Chillers shall use Path A efficiencies as shown in Table 6.8.1-3.

Table 11.5.2-1 Budget *System* Descriptions

…..(footnotes)

j. ***Fossil Fuel Boiler*:** For *systems* using purchased hot water or steam, the *boilers* are not explicitly modeled and hot-water or steam costs shall be based on actual utility rates. Otherwise, the *boiler* plant shall use the same *fuel* as the *proposed design* and shall be natural draft. The *budget building design boiler* plant shall be modeled with a single *boiler* if the *budget building design* plant load is 600,000 Btu/h or less and with two equally sized *boilers* for plant capacities exceeding 600,000 Btu/h. *Boilers* shall be staged as required by the load. For *boiler systems* meeting the requirements of Section 6.5.4.8, the hot water supply temperature shall be modeled at 170°F design supply temperature and 120°F return temperature. For all other *boiler systems*, the ~~H~~hot-water supply temperature shall be modeled at 180°F design supply temperature and 130°F return temperature. *Piping* losses shall not be modeled in either *building* model. Hot-water supply water temperature shall be *reset* in accordance with Section 6.5.4.4. *Pump system power* for each pumping *system* shall be the same as for the *proposed design*; if the *proposed design* has no hot-water pumps, the *budget building design* pump power shall be 19 W/gpm (equal to a pump operating against a 60 ft head, 60% combined impeller and motor *efficiency*). The hot-water *system* shall be modeled as primary-only with continuous variable flow. Hot- water pumps shall be modeled as riding the pump curve or with variable-speed drives when required by Section 6.5.4.2.

Modify the SI edition of the standard as follows

11.5.2 HVAC Systems

The *HVAC system* type and related performance parameters for the *budget building design* shall be determined from Figure 11.5.2, the *system* descriptions in Table 11.5.2-1 and accompanying notes, and the following rules:

a. **Budget *Building Systems* Not Listed.** Components and parameters not listed in Figure 11.5.2 and Table 11.5.2-2 or otherwise specifically addressed in this subsection shall be identical to those in the *proposed design*.

Exception to 11.5.2(a)

Where there are specific requirements in Sections 6.4 and 6.5, the component *efficiency* in the *budget building design* shall be adjusted to the lowest *efficiency* level allowed by the requirement for that component type.

---

b. Minimum *Equipment Efficiency*. All HVAC and *service water-heating equipment* in the *budget building design* shall be modeled at the minimum *efficiency* levels, both part load and full load, in accordance with Sections 6.4, 6.5.4.8, ~~and~~ 7.4 and 7.5 based on the budget *system* type determined following Section 11.5.2(j) and capacity determined following Section 11.5.2(i). Chillers shall use Path A efficiencies as shown in Table 6.8.1-3.

Table 11.5.2-1 Budget *System* Descriptions

…..(footnotes)

k. ***Fossil Fuel Boiler*:** For *systems* using purchased hot water or steam, the *boilers* are not explicitly modeled and hot-water or steam costs shall be based on actual utility rates. Otherwise, the *boiler* plant shall use the same *fuel* as the *proposed design* and shall be natural draft. The *budget building design boiler* plant shall be modeled with a single *boiler* if the *budget building design* plant load is 176 *kW* or less and with two equally sized *boilers* for plant capacities exceeding 176 *kW*. *Boilers* shall be staged as required by the load. For *boiler systems* meeting the requirements of Section 6.5.4.8, the hot water supply temperature shall be modeled at 77°C design supply temperature and 49°C return temperature. For all other *boiler systems,* the ~~H~~hot-water supply temperature shall be modeled at 82°C design supply temperature and 54°C return temperature. *Piping* losses shall not be modeled in either *building* model. Hot-water supply water temperature shall be *reset* in accordance with Section 6.5.4.4. *Pump system power* for each pumping *system* shall be the same as for the *proposed design*; if the *proposed design* has no hot-water pumps, the *budget building design* pump power shall be 301 *kW*/1000 L/s (equal to a pump operating against a 23 m head, 60% combined impeller and motor *efficiency*). The hot-water *system* shall be modeled as primary-only with continuous variable flow. Hot- water pumps shall be modeled as riding the pump curve or with variable-speed drives when required by Section 6.5.4.2.

BSR/ASHRAE/IES Addendum ct
to ANSI/ASHRAE/IES Standard 90.1-2019

Public Review Draft

Proposed Addendum ct to Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings

First Public Review (March 2022)
(Draft Shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHARE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

ASHRAE, 180 Technology Parkway NW, Peachtree Corners, GA 30092

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

This addendum proposes the following clean-up changes to the baseline envelope description in Table G3.1 #5:

1. *Clarify how baseline fenestration area is established based on official interpretation request IC 90.1-2019-8 OF ANSI/ASHRAE/IES STANDARD 90.1-2019*
2. *Removed roof albedo requirement as it is already covered in the requirement that prescribes roof solar reflectance.*
3. *Clarifies that automatic fenestration shading devices are not modeled in the baseline design.*

This addendum impacts an optional performance path in the standard designed to provide increased flexibility and therefore was not subjected to cost effectiveness analysis.

Table G3.1 Modeling Requirements for Calculating Proposed and *Baseline Building Performance*

…

No.	~~Proposed *Building* Performance~~ *Proposed Building Performance*	*Baseline Building* ~~Performance~~*Performance*
5.		…….. **d. *Vertical Fenestration Areas***. For *building* area types included in Table G3.1.1-1, *vertical fenestration areas* for new *buildings* and additions shall equal the percentage in Table G3.1.1-1 multiplied by the gross area of *above-grade walls* that ~~separate *conditioned spaces* and *semiheated spaces* from the exterior.~~ are part of *exterior building envelope* and *semiexterior building envelope*. Where a *building* has multiple *building* area types, each type shall use the values in the table. For *building* areas not shown in Table G3.1.1-1, *vertical fenestration areas* for new *buildings* and additions shall equal that in the *proposed design* or 40% of gross area of *above-grade walls* ~~area~~ that are part of *exterior building envelope* and *semiexterior building envelope*, whichever is smaller, and shall be distributed on each face of the *building* in the same proportions in the *proposed design*. …… **e. *Vertical Fenestration* Assemblies**. *Fenestration* for new *buildings*, *existing buildings*, and additions shall comply with the following: • *Fenestration U-factors* shall match the appropriate requirements in Tables G3.4-1 through G3.4-8 for the applicable glazing percentage for U_{all}. • *Fenestration SHGCs* shall match the appropriate requirements in Tables G3.4-1 through G3.4-8 using the value for $SHGC_{all}$ for the applicable vertical glazing percentage. • All *vertical fenestration* shall be assumed to be flush with the *exterior wall*, and no shading projections shall be modeled. • *Manual* window shading devices such as blinds or shades are not required to be modeled. • Automatic *fenestration* shading devices shall not be modeled. …… **g. *Roof* Solar Reflectance and Thermal *Emittance***. The exterior *roof* surfaces shall be modeled using a solar reflectance of 0.30 and a thermal *emittance* of 0.90. ~~**h. *Roof* Albedo**. All *roof* surfaces shall be modeled with a reflectivity of 0.30.~~

BSR/ASHRAE/IES Addendum cu
to ANSI/ASHRAE/IES Standard 90.1-2019

Public Review Draft

Proposed Addendum cu to Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings

First Public Review (March 2022)
(Draft Shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHARE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

ASHRAE, 180 Technology Parkway NW, Peachtree Corners, GA 30092

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

Section 6.5.6.3, "Heat Recovery for Space Conditioning" requires heat recovery to be used in most acute inpatient hospitals. The existing language refers to "condenser heat recovery." The intention was that the heat source be the chilled water return, and the economic justification was built on that. The diagram shows a parallel and in-series system. Both are acceptable ways to meet the requirement.

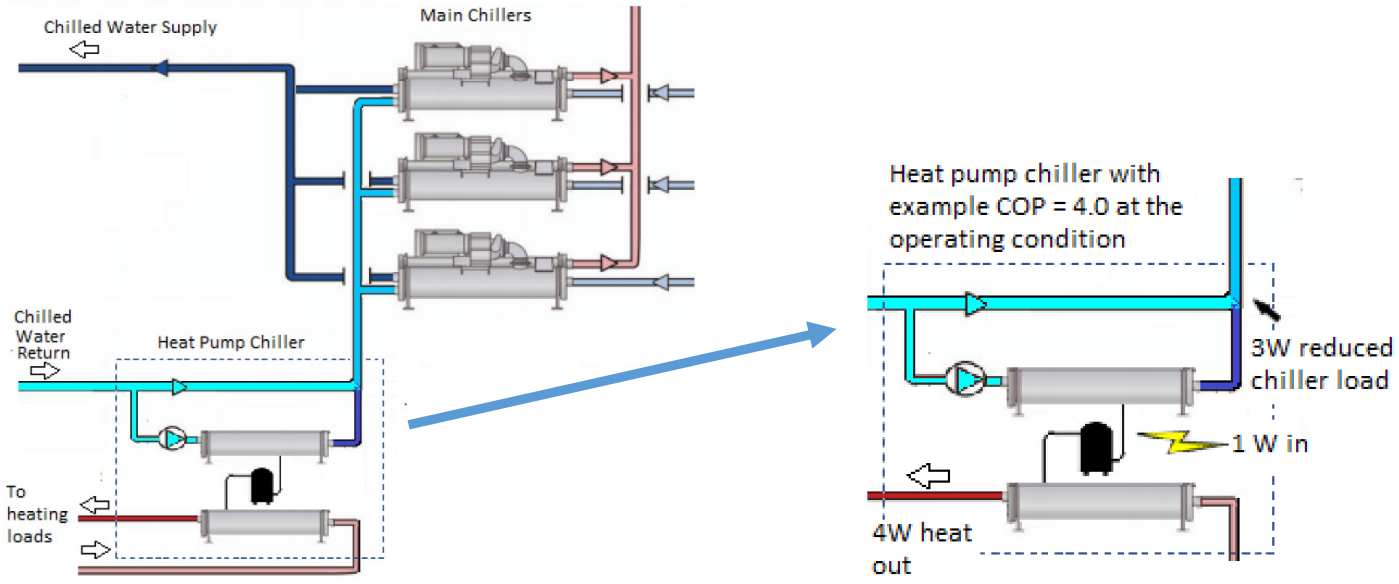

Figure 1. Heat pump chiller piped in series

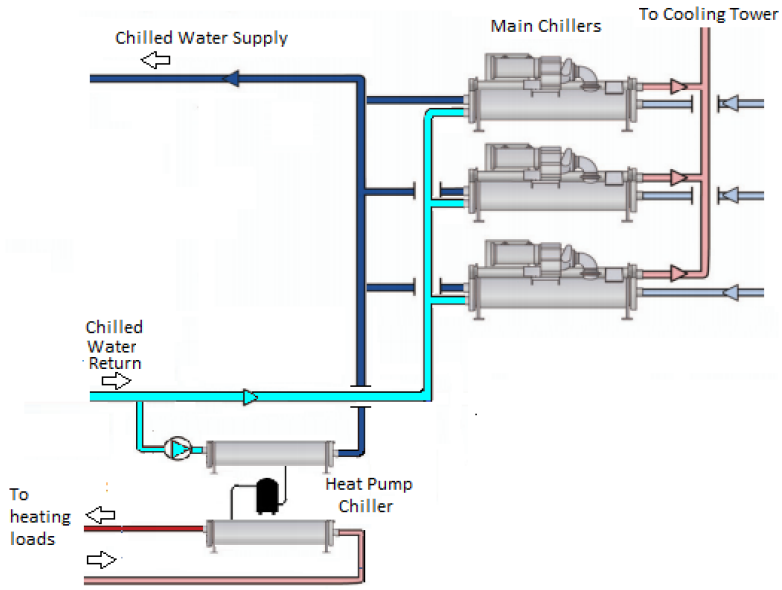

Figure 2. Heat pump chiller piped in parallel

The use of the term “condenser heat recovery” has led some users to believe that the heat source can be water leaving the chiller condenser. While this method does recover heat, it does not reduce load on the chillers. Using the chilled water return water as the heat source saves much more energy.

Reviewers should be aware that the misunderstanding extends to the ASHRAE 90.1-2019 User’s Manual. The intent of the language is not correctly described. This will be addressed in the next version.

Economic justification:

This addendum clarifies existing requirements. The economic justification was completed when Section 6.5.6.3 was created for the 2019 version of ASHRAE 90.1.

The exception for site recovered energy was removed because there is no first cost increase to use the chilled water return system as the heat source rather than the chiller condenser water. The exception for site renewable energy was removed because there are now separate requirements for site renewable energy elsewhere in the standard.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum cu to 90.1-2019

Modify the standard as follows (I-P and SI Units)

6.5.6.3 Heat Recovery for Space Conditioning

Where heating water is used for space heating, a ~~condenser~~ heat pump chiller meeting the requirements of Table 6.8.1-16 for heat recovery ~~*system*~~ that uses the cooling *system* return water as the heat source shall be installed, provided all ~~of~~ the following are true:

a. The building is an acute inpatient hospital, where the building or portion of a building is used on a 24-hour basis for the inpatient medical, obstetric, or surgical care for patients.
b. The total design chilled-water capacity for the acute inpatient hospital, either air cooled or water cooled, required at cooling *design conditions* exceeds 3,600,000 Btu/h (1,100 kW) of cooling.
c. Simultaneous heating, including *reheat*, and cooling occurs above 60°F (16°C) *outdoor air temperature.*

The required heat recovery *system* shall have a cooling capacity that is at least 7% of the total design chilled-water capacity of the acute inpatient hospital at peak *design conditions*.

Exceptions to 6.5.6.3

~~1. Buildings that provide ≥60% of their reheat energy from *on-site renewable energy* or *site recovered energy*.~~

~~2.~~ Buildings in Climate Zones 5C, 6B, 7, and 8.

Tracking number 2i43r1
© 2022 NSF International

Revision to NSF/ANSI 2-2021
Issue 43 Revision 1 (April 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 *red italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF International Standard / American National Standard –

Food Equipment

5 Design and construction

This section contains design and construction requirements for equipment covered within the scope of this standard.

•

5.20 Equipment mounting

5.20.1 Floor-mounted equipment shall be designed and manufactured to be:

— portable; or

— mobile; or

— sealed to the floor; or

— elevated on legs that provide a minimum unobstructed clearance beneath the unit of 6.0 in (152 mm); or

— elevated on legs that provide a minimum unobstructed clearance beneath the unit of 4.0 in (102 mm), provided that no part of the floor under the equipment is more than 6.0 in (152 mm) from the point of cleaning access.

5.20.2 Counter-mounted equipment shall be designed and manufactured to be:

— portable;

— sealed to the counter;

— elevated on legs that provide a minimum unobstructed clearance beneath the unit of 4.0 in (102 mm);

— elevated on legs that provide a minimum unobstructed clearance beneath the unit of 3.0 in (76 mm), provided that no part of the countertop under the footprint of the equipment is more than 16 in (41 cm) from the point of cleaning access; or

— elevated on legs that provide a minimum unobstructed clearance beneath the unit of 2.0 in (51 mm), provided that no part of the countertop under the footprint of the equipment is more than 3.0 in (76 mm) from the point of cleaning access.

5.20.3 Portable equipment shall not weigh more than 80 lb (36 kg) and shall not exceed 36 in (91 cm) in any plane.

5.20.4 Utility connections on portable equipment and mobile equipment shall be designed to be disconnected without the use of tools or shall be of sufficient length to permit the equipment to be moved for cleaning.

5.20.5 Kick plates on floor-mounted equipment shall be removable.

5.20.6 Equipment designed and manufactured to be sealed to the floor or counter shall be provided with written installation instructions that include the following:

- A statement indicating the equipment is required to be sealed to the floor or counter to establish proper sanitary operation; and
- Procedures for how the equipment is intended to be sealed to the floor or counter, including any recommended sealing materials and mounting surface characteristics; and
- A statement indicating that once sealed in accordance with these procedures, the end result shall not permit the passage of liquid between the equipment and the floor or countertop; and
- Procedures for inspecting the seals at recommended intervals for continued integrity and recommendations for repair or maintenance.

Rationale: *Current NSF Food Equipment Standards offer sealing equipment to the floor or countertop as one acceptable option for equipment mounting. The current standards do not contain requirements for manufacturers to designate the intent to seal equipment to the mounting surface in installation instructions. Equipment improperly sealed to the mounting service can generate sanitary risks. Adding instructional requirements can be helpful in communicating the need to properly seal the equipment to the mounting surface, provide recommended sealing procedures, and provide guidance on inspection and maintenance for ongoing compliance.*

Tracking number 61i161r1
© 2022 NSF International

Revision to NSF/ANSI/CAN 61-2021
Issue 161 Revision 1 (April 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 gray highlighting. Rationale statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI/CAN Standard
for Drinking Water Additives –

Drinking Water System Components – Health Effects

•
•
•

Normative Annex 2
(formerly Annex C)

Acceptable materials

N-2.1 Purpose

This annex defines the evaluation process for materials that have been submitted for qualification as acceptable materials.

N-2.2 Evaluation of acceptable materials

A material shall be designated as an "acceptable material" in Table N-2.1 if it has a standard material formulation or specification (e.g., ASTM); has undergone extraction testing that demonstrates that the material does not contribute any contaminant in excess of its acceptable level as determined by this Standard (see Section N-2.3); and is accompanied by adequate documentation (see Section 3.4).

N-2.2.1 Acceptable materials for mechanical plumbing devices – lead leaching only

Materials included in Table N-2.2 have been tested for compliance according to Section 9 requirements, but not for compliance under any other section of the standard or for non-lead analytes and therefore may be subject to additional testing outlined in this standard. The brass alloys included in Table N-2.2 have demonstrated compliance with the lower lead-leaching criteria for Section 9 endpoint devices in Section 9.5.1.1 when used within the operating parameters defined in the table.

N-2.3 Extraction testing

•
•
•

Table N-2.1

Acceptable materials

•
•
•

Table N-2.2
Acceptable materials for mechanical plumbing devices – Lead leaching only

Material	Specific designation	Standard (product) reference	Surface area-to-volume ratio	End use temperature	Composition
brass	UNS C27250	—	1,613 cm^2/L (153 in^2/L)	23 °C (73 °F)	Percent composition: copper (62.0 to 65.0) lead (0.009 max.) iron (0.35 max.) phosphorous (0.05 to 0.40) carbon (0.20 to 1.2) bismuth (0.009 max.) silicon (0.009 max) zinc (balance)
	UNS C49100	—	1,613 cm^2/L (153 in^2/L)	23 °C (73 °F)	Percent composition: copper (85.5 to 87.5) lead (0.09 max.) tin (0.30 max.) iron (0.30 max.) phosphorous (0.10 max.) tellurium (0.30 to 0.9) nickel (0.30 max.) zinc (14.5 max.)
	UNS C69300	ASTM B124 ASTM B283 ASTM B371	1,613 cm^2/L (153 in^2/L)	23 °C (73 °F)	Percent composition: copper (73.0 to 77.0) lead (0.09 max.) tin (0.20 max.) iron (0.10 max.) phosphorous (0.04 to 0.15) nickel (0.10 max. manganese (0.10 max.) silicon (2.7 to 3.4) zinc (balance)
	UNS C69850	ASTM B124 ASTM B283 ASTM B371	1,613 cm^2/L (153 in^2/L)	23 °C (73 °F)	Percent composition: copper (67.5 to 69.0) lead (0.09 max.) tin (0.20 max.) iron (0.10 max.) phosphorous (0.04 to 0.15) nickel (0.10 max.) manganese (0.10 max.) silicon (1.53 to 2.0) zinc (balance)
	UNS C89833	—	1,613 cm^2/L	23 °C (73 °F)	Percent composition:

			(153 in^2/L)		copper (86.0 to 91.0) lead (0.09 max.) tin (4.0 to 6.0) iron (0.30 max.) phosphorous (0.050 max.) nickel (1.0 max.) aluminum (0.005 max.) bismuth (1.7 to 2.7) sulfur (0.08 max.) antimony (0.25 max.) silicon (0.005 max.) zinc (2.0 to 6.0)
	UNS C89835	—	1,613 cm^2/L (153 in^2/L)	23 °C (73 °F)	Percent composition: copper (85.0 to 89.0) lead (0.09 max.) tin (6.0 to 7.5) iron (0.20 max.) phosphorous (0.10 max.) nickel (1.0 max.) aluminum (0.005 max.) bismuth (1.7 to 2.7) sulfur (0.08 max.) antimony (0.35 max.) silicon (0.005 max.) zinc (2.0 to 4.0)

•
•
•

Rationale: Added acceptable materials under new Table N-2.2 per 2021 DWA-SC JC meeting discussion (December 2, 2021) and submission of extensive study on several brass rod alloys to satisfy the criteria for inclusion in the NSF 61 Normative Annex 2 list of 'Acceptable Materials' for lead leaching against the lower Q criteria in Section 9.5.1.1. See supporting documentation under referenced items included with this ballot.

NOTICE OF DISCLAIMER AND LIMITATION OF LIABILITY

The document to which this Notice is affixed (the "Document") has been prepared by one or more Engineering Committees or Formulating Groups of the Telecommunications Industry Association ("TIA"). TIA is not the author of the Document contents, but publishes and claims copyright to the Document pursuant to licenses and permission granted by the authors of the contents.

TIA Engineering Committees and Formulating Groups are expected to conduct their affairs in accordance with the TIA Engineering Manual ("Manual"), the current and predecessor versions of which are available at Standards Procedures Guidelines. TIA's function is to administer the process, but not the content, of document preparation in accordance with the Manual and, when appropriate, the policies and procedures of the American National Standards Institute ("ANSI"). TIA does not evaluate, test, verify or investigate the information, accuracy, soundness, or credibility of the contents of the Document. In publishing the Document, TIA disclaims any undertaking to perform any duty owed to or for anyone.

If the Document is identified or marked as a project number (PN) document, or as a standards proposal (SP) document, persons or parties reading or in any way interested in the Document are cautioned that: (a) the Document is a proposal; (b) there is no assurance that the Document will be approved by any Committee of TIA or any other body in its present or any other form; (c) the Document may be amended, modified or changed in the standards development or any editing process.

The use or practice of contents of this Document may involve the use of intellectual property rights ("IPR"), including pending or issued patents, or copyrights, owned by one or more parties. TIA makes no search or investigation for IPR. When IPR consisting of patents and published pending patent applications are claimed and called to TIA's attention, a statement from the holder thereof is requested, all in accordance with the Manual. TIA takes no position with reference to, and disclaims any obligation to investigate or inquire into, the scope or validity of any claims of IPR. TIA will neither be a party to discussions of any licensing terms or conditions, which are instead left to the parties involved, nor will TIA opine or judge whether proposed licensing terms or conditions are reasonable or non-discriminatory. TIA does not warrant or represent that procedures or practices suggested or provided in the Manual have been complied with as respects the Document or its contents.

If the Document contains one or more Normative References to a document published by another organization ("other SSO") engaged in the formulation, development or publication of standards (whether designated as a standard, specification, recommendation or otherwise), whether such reference consists of mandatory, alternate or optional elements (as defined in the TIA Engineering Manual, 4th edition) then (i) TIA disclaims any duty or obligation to search or investigate the records of any other SSO for IPR or letters of assurance relating to any such Normative Reference; (ii) TIA's policy of encouragement of voluntary disclosure (see Engineering Manual Section 6.5.1) of Essential Patent(s) and published pending patent applications shall apply; and (iii) Information as to claims of IPR in the records or publications of the other SSO shall not constitute identification to TIA of a claim of Essential Patent(s) or published pending patent applications.

TIA does not enforce or monitor compliance with the contents of the Document. TIA does not certify, inspect, test or otherwise investigate products, designs or services or any claims of compliance with the contents of the Document.

ALL WARRANTIES, EXPRESS OR IMPLIED, ARE DISCLAIMED, INCLUDING WITHOUT LIMITATION, ANY AND ALL WARRANTIES CONCERNING THE ACCURACY OF THE CONTENTS, ITS FITNESS OR APPROPRIATENESS FOR A PARTICULAR PURPOSE OR USE, ITS MERCHANTABILITY AND ITS NONINFRINGEMENT OF ANY THIRD PARTY'S INTELLECTUAL PROPERTY RIGHTS. TIA EXPRESSLY DISCLAIMS ANY AND ALL RESPONSIBILITIES FOR THE ACCURACY OF THE CONTENTS AND MAKES NO REPRESENTATIONS OR WARRANTIES REGARDING THE CONTENT'S COMPLIANCE WITH ANY APPLICABLE STATUTE, RULE OR REGULATION, OR THE SAFETY OR HEALTH EFFECTS OF THE CONTENTS OR ANY PRODUCT OR SERVICE REFERRED TO IN THE DOCUMENT OR PRODUCED OR RENDERED TO COMPLY WITH THE CONTENTS.

TIA SHALL NOT BE LIABLE FOR ANY AND ALL DAMAGES, DIRECT OR INDIRECT, ARISING FROM OR RELATING TO ANY USE OF THE CONTENTS CONTAINED HEREIN, INCLUDING WITHOUT LIMITATION ANY AND ALL INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING DAMAGES FOR LOSS OF BUSINESS, LOSS OF PROFITS, LITIGATION, OR THE LIKE), WHETHER BASED UPON BREACH OF CONTRACT, BREACH OF WARRANTY, TORT (INCLUDING NEGLIGENCE), PRODUCT LIABILITY OR OTHERWISE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE FOREGOING NEGATION OF DAMAGES IS A FUNDAMENTAL ELEMENT OF THE USE OF THE CONTENTS HEREOF, AND THESE CONTENTS WOULD NOT BE PUBLISHED BY TIA WITHOUT SUCH LIMITATIONS.

Default Ballot

ANSI/TIA-5071 Requirements for Field Test Instruments and Measurements for Balanced Single Twisted-Pair Cabling

This default ballot is a result of the comment resolution held regarding ANSI/TIA-PN-568.5 and is limited to 6 specific comments, listed below. Other comments submitted were resolved editorially. The results of this ballot consisted of 17 “approve” votes, 0 “disapprove with comments” votes, and 21 “abstain” votes.

The table below gives the resolution of the comments as agreed in the 42.7 subcommittee meeting on 01/24/2022. If you agree with these resolutions, you should vote to approve. If you wish to propose a modification to the resolutions, you should make comments using the comment form, and vote to approve, or disapprove, with comments. You can also abstain.

E: editorial, T: technical, TN: technical no vote issue
ID: Company with comment # (do not automate comment #)

Please do not re-size table

Page	Line	Clause	E/T/TN	ID	Comment (rationale)	Proposed change (specific; add, delete. From-to)	Resolution
3	306	421	T	SO-1	In order to harmonise with intl standards, it is suggested to replace TCTL with ELTCTL. And line 307		Accept with edits From Transverse Conversion Transfer Loss, measured from near-end Transverse Convertsion Transfer Loss, measured from far-end To Equal Level Transverse Conversion Transfer Loss, measured from near-end Equal Level Transverse Conversion Transfer Loss, measured from far-end Also in line 305 change ‘convertsion’ to ‘conversion’ This is a technical change.

12	490	4.4.3.2	T	FLK2	Wording is based on 100m samples and does not apply any more.	From: The reported length shall deviate from the actual value by less than 1/2 the amount of the error constant proportional to length. To: The percent error between the reported length and the measured length shall be less than the proportional error term for length, per equation XX. Ed > (abs(Measured-Actual) – Ec) / Actual	Accept with edits Ed ≥ (|Measured-Actual| – Ec) / Actual where : Ed = Proportional error term Ec = Constant error term Measured = Field Tester measurement Actual = Reference Procedure measurement This is a technical change.
13	502	4.4.3.4	T	FLK3	Correcting language to use percent error	From: The reported value by the field tester minus the reported value measured when a very short connection was made to the same field tester shall deviate less from the error constant that is proportional to the propagation delay of the propagation delay measurement function. To: The percent error between the reported length and the measured length shall be less than the proportional error term for propagation delay, per equation XX.	Accept This is a technical change.
16	529	4.4.5.2	T	FLK6	Equation is not correct, see equation XX from above.	Add ‘per equation XX’ to the end of line 529 Cut lines 530 -536	Accept This is a technical change.
33	376	Table 1	E	SO-6	The table refers to Test Limit (for DC Resistance Unbalance), but should refere to test limits at worst case	Change to “Test Limit at worst case”	Accept with edits In cell in bottom row, middle column, change ‘test limit’ to ‘test limit at worst case’ This is a technical change.
33	971	C.5	T	SO-7	See SO-1		Accept with edits Change ‘TCTL’ to ‘ELTCTL’ This is a technical change.

BSR/UL 10D, Standard for Fire Tests of Fire-Protective Curtain Assemblies

1. **Scope update**

PROPOSAL

.1 These requirements cover the evaluation of fire-protective curtain assemblies intended to provide ~~supplemental,~~ passive fire protection ~~as part of an engineered fire protection system~~. Fire-protective curtain assemblies are horizontally or vertically oriented. Horizontally or vertically oriented fire-protective curtain assemblies provide nonstructural separation only, and are not intended to be substituted for structural hourly rated partitions or opening protectives that have been tested for fire endurance and hose stream performance.

Note: Fire protective curtains are different than proscenium type (theater type) curtains. This document does not apply to proscenium type curtains.

2. **Unit conversion correction**

PROPOSAL

9.3 Each pressure probe is to be either as described in Figure 9.1 or constructed from 1/2 inch (12.7 mm) diameter stainless steel tube with a welded, closed end, and incorporating nine radial, 1/16 inch (1.6 mm) diameter holes spaced equidistance around the tube's perimeter. Each probe is to be located so that the center line of the sensing holes are positioned 6 ±1 inch (152 ±2.5 mm) from the surface of the exposed face of the test assembly and a minimum of 18 inch (457 mm) from the edges of the furnace. Data recording is to provide monitoring of the output of an electric pressure transducer in the range of ±0.25 inch H2O (~~66~~ 62 Pa) with an accuracy of ±1 percent. The pressure transducers are to be located within 3 ft (914 mm) vertically, and 10 ft (3048 mm) horizontally from the static probes outside the furnace.

3. **Add words “vertically oriented” to 14.2**

PROPOSAL

14.2 Within 5min of elapsed time into the fire endurance test, the neutral plane of the furnace is to be established at a maximum of 40 inch (1016 mm) up from the bottom of the vertically oriented fire-protective curtain assembly. The exposed area of the test assembly required to be in the positive pressure zone shall be at a positive pressure for the full duration of the fire endurance test.

4. **Add UL 10C flaming exceptions to UL 10D**

PROPOSAL

18.1 No flaming shall occur on the unexposed surface of a horizontally or vertically oriented fire-protective curtain assembly. Sustained visible flaming shall constitute a failure. For vertically oriented fire-protective curtain assemblies the sample shall not permit the passage of hot gases sufficient to ignite the cotton pad. For vertically oriented fire protective curtain assemblies the following exceptions shall apply.

Exception No. 1: Sustained flaming of less than 10 seconds duration is permitted.

Exception No. 2: After 30 minutes, intermittent light flaming [not greater than 6 in (152 mm) long, nor burning for periods exceeding 5-minute intervals, along the edges of curtain] is permitted.

BSR/UL 295, Standard for Safety for Commercial-Industrial Gas Burners

1. Addition of conduit standard reference

PROPOSAL

12.2.2 Except as permitted by 12.2.15, conductors shall be:

a) Enclosed within conduit that complies with the Standard for Flexible Metal Conduit, UL 1, the Standard for Liquid-Tight Flexible Metal Conduit, UL 360, or the Standard for Electrical Rigid Metal Conduit - Steel, UL 6, as applicable~~,~~;

b) Enclosed within electrical metallic tubing that complies with the Standard for Electrical Metallic Tubing - Steel, UL 797 or the Standard for Extruded Insulating Tubing, UL 224, or enclosed within a metal raceway electrical enclosure;

~~b~~ c) Within metal-clad cable that complies with the Standard for Metal-Clad Cables, UL 1569; or

~~c~~ d) Exposed Run Tray Cable, Type TC-ER, that complies with the requirements for Electrical Power and Control Tray Cables with Optional Optical-Fiber Members, UL 1277 or, for applications not exceeding 150 volts and/or 5 amps, Exposed Run Instrumentation Tray Cable, Type ITC-ER, that complies with the requirements of Instrumentation Tray Cable, UL 2250. The cable utilized shall:

1) Comply with the crush and impact requirements of the Standard for Metal-Clad Cables, UL 1569;

2) Be secured and supported at intervals not exceeding 6 feet (1.8 m).

3) Have voltage and temperature ratings suitable for the intended application.

Exception: Factory wiring involving a potential of not more than 300 volts between parts attached to the same assembly with a predetermined fixed relationship one to the other may be done with Type SO or ST cord, provided all of the following conditions are fulfilled:

a) It is not practical to do the wiring in accordance with 12.2.2;

b) The cord is not required to be bent, twisted, or otherwise displaced to render normal maintenance and service; and

c) The length of cord exterior to the assembly is not more than 4 inches (102 mm) and strain relief is provided.

UL 1086

April 15, 2022

BSR/UL 1086 Standard for Safety for Household Trash Compactors

1. Proposed revision to correct metric measurements in Leakage Current Test

PROPOSAL

38.4 If a conductive surface other than metal is used for the enclosure or part of the enclosure, the leakage current is to be measured using metal foil having an area of ~~3.94 in × 7.87 in (100 mm × 20 mm~~10 cm x 20 cm~~)~~ in contact with the surface. If the surface has an area less than ~~3.94 in × 7.87 in (100 mm × 20 mm~~10 cm x 20 cm~~)~~, the metal foil is to be the same size as the surface. The metal foil is not to remain in place long enough to affect the temperature of the appliance.