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CONTENTS

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Project Initiation Notification System (PINS)

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

AAMI (Association for the Advancement of Medical Instrumentation)

Mike Miskell <mmiskell@aami.org> | 901 N. Glebe Road | Arlington, VA 22203 www.aami.org

New Standard

BSR/AAMI PC85-202x, Requirements for Fatigue Performance of Cardiac Rhythm Management Leads (new standard)
Stakeholders: Industry/manufacturing, regulatory bodies, testing/labs, healthcare delivery organizations

Project Need: Current standards requirements for fatigue testing of transvenous pacemaker and ICD leads are test-to-success standards - leads are required to endure a certain number of cycles without failing at one stress condition. Regulator guidance has suggested that test-to-fracture is preferred.

Interest Categories: Industry, User, Regulatory, General Interest, Other

This standard outlines requirements for characterizing the fatigue performance of cardiac leads based on benchtop fatigue testing and bending stiffness measurements, focusing on conductor integrity. It excludes polymer and elastomeric components, bonds, biodegradation, and corrosion. Methods are provided for measuring lead bending stiffness and fatigue strength in different regions, for preconditioning leads, and for accepting fatigue performance through comparison with proven designs or using a Bayesian model to predict survival rates based on lead stiffness.

AAMI (Association for the Advancement of Medical Instrumentation)

Mike Miskell <mmiskell@aami.org> | 901 N. Glebe Road | Arlington, VA 22203 www.aami.org

New Standard

BSR/AAMI PC125-202x, Implantable leads—Perforation propensity—Requirements and test methods (new standard)
Stakeholders: Industry/manufacturing, regulatory bodies, testing/labs, healthcare delivery organizations

Project Need: Current standards requirements for testing of transvenous pacemaker and ICD leads, while useful, do not take into account certain clinically relevant tests such as specific tests for testing lead components that reside within the heart for lead perforation which is a serious complication for these devices.

Interest Categories: Industry, User, Regulatory, General Interest, Other

This standard establishes a method to assess the perforation propensity of permanently implantable cardiac pacing and defibrillation leads for transvenous use in the right atrium or ventricle, excluding preformed “J”-shaped and left bundle branch area pacing leads. It focuses on the acute phase post-implantation, prior to fibrotic encapsulation, and does not address all aspects of perforation propensity, such as implant technique or patient-specific factors. The methods and criteria are based on conventional leads and may not apply to novel designs or unique clinical applications.

ADA (Organization) (American Dental Association)

Mary Swick <swickm@ada.org> | 211 E. Chicago Avenue | Chicago, IL 60611-2678 www.ada.org

New Standard

BSR/ADA Standard No. 1118-202x, Dentistry – Implementation of Orthodontic ViewSets using DICOM (new standard)
Stakeholders: Software vendors (MiPACS, medoco Health), Orthodontic providers, Payers

Project Need: There are existing vendors who are interested in using DICOM to exchange orthodontic photographs using a standardized layout, using DICOM Structured Display; however, they are not sure which way to do it in DICOM. Currently, there is no official documentation that defines how to do so.

Interest Categories: Consumer, General Interest, Producer

Provide technical instructions to aid software developers in enhancing their software to support reading, writing, and exchanging dental photographs organized in specific layouts (as defined in WP-1100). To provide proof of concept code or DICOM examples.

ADA (Organization) (American Dental Association)

Mary Swick <swickm@ada.org> | 211 E. Chicago Avenue | Chicago, IL 60611-2678 www.ada.org

National Adoption

BSR/ADA Standard No. 195-202x, Dentistry – Dental Tweezers (identical national adoption of ISO 15098:2024 and revision of ANSI/ADA Standard No. 195-2021)
Stakeholders: Manufacturers

Project Need: Identical adoption of the International Standard, which U.S. accepted with no comments.

Interest Categories: Consumer, General Interest, Producer

This document specifies general requirements and test methods for metallic dental tweezers of the Meriam type and for College type. This document is not applicable to anatomical tweezers and surgical tweezers.

ADA (Organization) (American Dental Association)

Mary Swick <swickm@ada.org> | 211 E. Chicago Avenue | Chicago, IL 60611-2678 www.ada.org

National Adoption

BSR/ADA Standard No. 217-202x, Dentistry — Classification of Tooth Restorations Preparation (identical national adoption of ISO 24395:2023)
Stakeholders: Dentists and manufacturers

Project Need: Standardize terminology of restoration classification among stakeholders

Interest Categories: Consumer, General Interest, Producer

This document provides a system for classifying the location and depth of human tooth restorations preparations.

ADA (Organization) (American Dental Association)

Mary Swick <swickm@ada.org> | 211 E. Chicago Avenue | Chicago, IL 60611-2678 www.ada.org

National Adoption

BSR/ADA Standard No. 218-202x, Dentistry – Designation Systems for Teeth and Areas of the Oral Cavity (national adoption with modifications of ISO 3950:2016)
Stakeholders: Dentists, dental professionals, researchers, academics, dental schools, equipment manufacturers, healthcare institutions, regulatory bodies, insurance companies, and indirectly, patients.

Project Need: Standardizing tooth numbering ensures consistent communication and reduces errors in dental treatment and record-keeping. A mapping system between ISO and Universal numbering is crucial for accurate treatment planning and minimizing errors when exchanging patient records internationally.

Interest Categories: Consumer, General Interest, Producer

This document provides two systems (Universal/National System and International Standards Organization System (ISO 3950)) for designating teeth or areas of the oral cavity using two digits. This document provides a mapping between the two systems.

ADA (Organization) (American Dental Association)

Mary Swick <swickm@ada.org> | 211 E. Chicago Avenue | Chicago, IL 60611-2678 www.ada.org

New Standard

BSR/ADA Standard No. 219-202x, Dentistry – Properties of 3D Printed Definitive Polymer Matrix Restorations (new standard)
Stakeholders: Consumers, dentists, and manufacturers

Project Need: 3D-printed definitive restorations have recently been introduced by a variety of manufacturers primarily based on polymer matrix materials. There are no standards concerning these materials for use as long-term permanent restorations. Furthermore, the ADA product code for classification as a “ceramic” set a minimum requirement of at least 50% weight content of inorganic filler. A standard including this requirement as well as minimum mechanical and physical properties is needed.

Interest Categories: Consumer, General Interest, Producer

The focus of this standard is to provide minumum acceptable accuracy, mechanical, and physical properties for 3D-printed polymer-based definitive restorations.

ADA (Organization) (American Dental Association)

Mary Swick <swickm@ada.org> | 211 E. Chicago Avenue | Chicago, IL 60611-2678 www.ada.org

New Standard

BSR/ADA Standard No. 220-202x, Dentistry – CAD/CAM Sports Mouth Protectors (new standard)
Stakeholders: Consumers, Dentists, and Manufacturers

Project Need: New technology and new products available with and without professional dental oversight and without available product design advisement.

Interest Categories: Consumer, General Interest, Producer

This technical specification document describes methods to produce repeatable, predictable and accurate digitally produced sports mouth protectors and is applicable for integration with existing conventional and new oral protection appliances and mouth protectors. This document will discuss appliance fabrication and fitting with various methods of data capture, virtual or analog model fabrication methods that may be used. This document will contain the classification of mouth protectors and the requirements for the listing of physical properties of such CAD/CAM produced and manufactured oral protection devices and the expected material properties.

ADA (Organization) (American Dental Association)

Mary Swick <swickm@ada.org> | 211 E. Chicago Avenue | Chicago, IL 60611-2678 www.ada.org

Revision

BSR/ADA Standard No. 99-202x, Dentistry - Athletic Mouth Protectors and Materials (revision of ANSI/ADA Standard No. 99-2001 (R2023))
Stakeholders: Consumers, dentists, and manufacturers.

Project Need: Increased scrutiny by collegiate and professional sports organizations concerning player safety and concussion prevention is present. Mouthguard materials and the role of mouthguards in preventing sports injuries has increased to include the inclusion of diagnostic devices and possible therapeutic modalities. Revision of Standard No. 99 is requested to reflect these changes and update testing modalities.

Interest Categories: Consumer, General Interest, Producer

This standard is for thermoplastic or thermosetting polymeric materials, with or without a polymeric shell, that are capable of being formed into an athletic mouth protector, either on a model of the teeth or in the mouth directly on the teeth. It lists the types and classes of mouth protectors and lists requirements for physical properties along with tests specified for determining compliance with those requirements It also specifies requirements for manufacturer's instructions and for packaging, labeling, and marking.

API (American Petroleum Institute)

Mario Diaz <DiazM@api.org> | 200 Massachusetts Ave NW | Washington DC, DC 20001 www.api.org

National Adoption

BSR/API Spec 5CRA/ISO 13680-202x, Corrosion-Resistant Alloy Seamless Products for Use as Casing, Tubing, Coupling Stock, and Accessory Material (national adoption of ISO 13680:2024 with modifications and revision of ANSI/API Spec 5CRA/ISO 13680-2022)
Stakeholders: Oil and natural gas operating companies.

Project Need: Adopt the new edition of the current ANS national adoption, which will come to supersede its previous edition, to avoid misalignment between the standards and provide users with updated information so better quality products may be procured.

Interest Categories: General Interest, Manufacturer, Manufacturer-Service Supplier, Operator-User, Service Supplier

This document specifies the technical delivery conditions for corrosion-resistant alloy seamless products for casing, tubing, coupling stock and accessory material (including coupling stock and accessory material from bar) for two product specification levels: PSL-1, which is the basis of this document; PSL-2, which provides additional requirements for a product that is intended to be both corrosion and cracking resistant for the environments and qualification method specified in Annex G and in the ISO 15156 series or NACE MR0175. This document contains no provisions relating to the connection of individual lengths of pipe. Demonstration of conformance to ISO 15156-3:2020 or NACE MR0175-2021 of material affected by end sizing, connection manufacture or welding operations is outside the scope of this document. This document contains provisions relating to marking of tubing and casing after threading.

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK92338-202x, New Practice for Training a Forensic Glass Practitioner (new standard)
Stakeholders: Criminalistics Industry

Project Need: Currently, there is no published forensic training programs for trace analysts that perform forensic glass examinations.

Interest Categories: Producer, User, General Interest

1.1 This practice is for use by forensic science service provider (FSSP) personnel responsible for designing a training program for the training of forensic science practitioners (FSPs) who will perform glass examinations and comparisons. 1.2 The trainees and training program shall meet or exceed the minimum training requirements set forth in Practice E2917. 1.3 This practice outlines the tasks, goals, and objectives that allow the trainee to acquire the foundational knowledge and basic practical skills necessary to become a qualified forensic glass practitioner.

BHCOE (Behavioral Health Center of Excellence)

Jenna Kokoski <jenna.kokoski@jadehealth.org> | 8033 West Sunset Blvd | Los Angeles, CA 90046 www.bhcoe.org

Revision

BSR/BHCOE 201-202x, Standards of Excellence for Applied Behavior Analysis Services (revision of ANSI/BHCOE 201 -2022)
Stakeholders: Consumer, service providers, private insurance, public insurance

Project Need: There are limited standards and guidelines for organizations providing Applied Behavior Analysis. These standards and guidelines focus on areas needed to deliver and sustain high-quality services and manage treatment costs. As the science and delivery of Applied Behavior Analysis therapy continues to evolve and grow, it is important that the standard set evolves as well.

Interest Categories: Consumer advocates, service providers, private insurance, public insurance, Consumers

The BHCOE/ANSI 201 Standards of Excellence for Applied Behavior Analysis Services includes 10 sections related to the professional, clinical, and ethical behavior an organization providing Applied Behavior Analysis therapy should meet. It also includes ways in which an organization can provide evidence of compliance.

CGA (Compressed Gas Association)

Kristy Mastromichalis <kmastromichalis@cganet.com> | 8484 Westpark Drive, Suite 220 | McLean, VA 22102 www.cganet.com

Revision

BSR/CGA H-5-202x, Standard for Bulk Hydrogen Supply Systems (revision of ANSI/CGA H-5-2020)
Stakeholders: Producers of gas and/or liquid hydrogen; Distributors of gas and/or liquid hydrogen (e.g., packaged gas distributors, retail vendors); Industrial customers and others who use hydrogen in its varied applications or users of hydrogen processing equipment; General interest in gas and/or liquid hydrogen (Regulators, DOE, universities, national laboratories); Industry or trade associations involved in gas and liquid hydrogen, standards/code development organizations such as NFPA and ICC; and Manufacturers and distributors of equipment or service providers for equipment used in hydrogen storage, transport, and dispensing.

Project Need: To revise CGA H-5-2020

Interest Categories: Producers, Distributors, Users, General interest, Equipment suppliers, Other

This standard contains minimum requirements for locating/siting, selecting equipment, installing, starting up, maintaining, and removing bulk hydrogen supply systems. This standard covers two types of bulk hydrogen supply systems: liquid and gaseous. Requirements of this standard are limited to systems operating up to 15000 psi (103.4 MPa). CGA H-5 applies to hydrogen supply systems containing any of the following equipment cryogenic hydrogen storage tank, either aboveground or belowground; gas storage vessels, either aboveground or belowground; heat exchangers (including vaporizers); valves including manual and automatic shutoff valves, and check valves; pressure control equipment including regulators and control valves; piping (pipe and tubing); cryogenic pumps; cryogenic and warm gas compressors; snubbers and pulsation dampeners; and monitoring and control systems including electrical and instrumentation. The bulk hydrogen supply system terminates at the source valve or where the gaseous or liquid hydrogen supply first enters the supply line.

PLATO (Portable Lights American Trade Organization)

Matthew Law <MattLaw@coastportland.com> | 8033 NE Holman St | Portalnd, OR 97218 www.plato-usa.org

Revision

BSR/PLATO FL 1-202x, Flashlight Basic Performance Standard (revision of ANSI/PLATO FL 1-2019)
Stakeholders: Manufacturers, consumers, and retailers.

Project Need: This revision cycle will consider adding requirements for short duration elevated brightness features, helping clarify peak lumens claims, as well as any relevant updates needed for test methods and a five-year revision cycle of the standard.

Interest Categories: Producer, Testing Laboratory, Retailer/Distributor, General Interest, Users

The ANSI/PLATO FL1 standard covers basic performance requirements for hand-held, portable flashlights, spotlights, headlamps and area lights. It includes relevant definitions, test methods and marking requirements in order to establish minimum performance for these consumer devices.

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: November 10, 2024

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

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

Addenda

BSR/ASHRAE Addendum 62.1f-202x, Ventilation and Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2022)
This proposed addendum improves the resiliency of a building by improving the ability to adjust ventilation quickly and easily in response to air-quality-related emergency conditions. It will add a requirement for the control system to include an Economizer Shutdown and a Ventilation Increase mode of operation that may be enabled in response to conditions such as nearby wildfires (Economizer Shutdown) or a pandemic (Ventilation Increase). It includes a requirement for an automatic return to normal operation based on a timer control to avoid accidentally leaving the systems in one of the emergency modes after the emergency situation has passed.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: November 10, 2024

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

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

Addenda

BSR/ASHRAE Addendum 62.2p-202x, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2022)
This proposed addendum would remove the definition of ventilation air. It would also change the requirement for ventilation rate in Section 4.1 to remove the requirement that the system deliver outdoor air, and instead state that the system shall provide air for ventilation, which is defined as the process for supplying outdoor air or removing indoor air from the dwelling unit. Finally, it would change Tables 4-1a and 4-1b to reference ventilation rate requirements instead of ventilation air requirements. The purpose of the proposed change is to acknowledge that the standard permits exhaust-only systems for dwelling unit ventilation in detached units.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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/ASHE Addendum m to ANSI/ASHRAE/ASHE Standard 189.3-2021, Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 189.3-2021)
Addendum m updates the normative and informative references in their respective appendices.
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/ASHE Addendum n to ANSI/ASHRAE/ASHE Standard 189.3-2021, Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 189.3-2021)
Addendum n makes two main changes. 189.1 removed the alternate renewables approach for compliance, and is keeping the standard renewables approach. This change updates Table 7.4.1.1 for Renewable Energy Requirements by removing the alternate approach columns. 189.1 made updates to Section 7.5 and Tables 7.5.1 and 7.5.2 (in addendum m and ay) and Table 7.5.2.2.1 (in addendum az) to provide consistent stringency with prescriptive energy requirements in Sections 7.1 through 7.4, which reference standard 90.1-2022. To be consistent, we are updating our tables, and making converting them to vertical versions to fit into the standard similar to 189.1. In addition, tables got moved to Section 7.6, so we are making that change to the document to match.
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: November 10, 2024

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/ASHE Addendum o to ANSI/ASHRAE/ASHE Standard 189.3-2021, Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 189.3-2021)
Addendum o modifies Section 10, "Construction and Plans for Operation," which was previously modified by published Addendum ao to ASHRAE/ICC/USGBC/IES Standard 189.1-2020. ASHRAE/ASHE Standard 189.3 maintains a majority of the content from the ASHRAE 189.1 addendum's modifications however it reflects the "construction and plans for operation" addressed in ANSI/ASHRAE/ASHE Standard 170. It also excludes counting patients as occupants due to their transitory presence in the building.
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 aa to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022)
This addendum modifies the purpose and scope of Standard 90.1 to establish requirements and set criteria for considering building and site operational GHG emissions.
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 ap to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022)
This addendum modifies the scope of Standard 90.1 to cover the installation of electric vehicle service equipment (EVSE).
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: November 10, 2024

RESNET (Residential Energy Services Network, Inc.)

P.O. Box 4561, Oceanside, CA 92052 | rick.dixon@resnet.us, www.resnet.us.com

Revision

BSR/RESNET/ICC 380-202x, Standard for Testing Airtightness of Building Enclosures, Airtightness of Heating and Cooling Air Distribution Systems, and Airflow of Mechanical Ventilation Systems (revision of ANSI/RESNET/ICC 380-2022)
The project is the triennial update to Standard ANSI/RESNET/ICC 380.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: RESNET using the online form for the draft at https://www.resnet.us/about/standards/standards-currently-out-for-public-comment/, under link “ANSI Standards and Amendments Out For Public Comment”

ULSE (UL Standards & Engagement)

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

National Adoption

BSR/UL 60335-2-34-202X, Household and Similar Electrical Appliances - Safety - Part 2-34: Particular Requirements for Motor-Compressors (national adoption of IEC 60335-2-34 with modifications and revision of ANSI/UL 60335-2-34-2017)
ULSE is proposing to adopt the 7th edition of UL 60335-2-34 which includes the 6th edition of IEC 60335-2-34 plus the North American national differences. This International Standard deals with the safety of sealed (hermetic and semi-hermetic type) motor-compressors, their protection and control systems, if any, which are intended for use in equipment for household and similar purposes.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: November 25, 2024

AAMI (Association for the Advancement of Medical Instrumentation)

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

Reaffirmation

BSR/AAMI/ISO 11135-2015 (R202x), Sterilization of health care products - Ethylene oxide - Requirements for the development, validation and routine control of a sterilization process for medical devices (reaffirm a national adoption ANSI/AAMI/ISO 11135-2015)
Specifies requirements for the development, validation, and routine control of an ethylene oxide sterilization process for medical devices.
Single copy price: Free
Obtain an electronic copy from: tkim@aami.org
Send comments (copy psa@ansi.org) to: Thomas Kim, tkim@aami.org

Comment Deadline: November 25, 2024

AAMI (Association for the Advancement of Medical Instrumentation)

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

Reaffirmation

BSR/AAMI/ISO 11140-04 (R202x), Sterilization of health care products - Chemical indicators - Part 4 - Class 2 indicators as an alternative to the Bowie and Dick-type test for detection of steam penetration (reaffirm a national adoption ANSI/AAMI/ISO 11140-4-2012 (R2015))
This part of ISO 11140 specifies the performance for a Class 2 indicator to be used as an alternative to the Bowie and Dick-type test for steam sterilizers for wrapped health care goods (instruments, etc., and porous loads).
Single copy price: Free
Obtain an electronic copy from: tkim@aami.org
Send comments (copy psa@ansi.org) to: Thomas Kim, tkim@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

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

Reaffirmation

BSR/AAMI/ISO 11140-5 (R202x), Sterilization of health care products-Chemical indicators-Part 5: Class 2 indicators for Bowie and Dick-type air removal tests (reaffirm a national adoption ANSI/AAMI/ISO 11140-5-2012 (R2015))
This part of ISO 11140 specifies the requirements for Class 2 indicators for Bowie and Dick-type air removal tests used to evaluate the effectiveness of air removal during the pre-vacuum phase of pre-vacuum steam sterilization cycles. Additionally, this part of ISO 11140 includes test methods and equipment used to meet these performance requirements.
Single copy price: Free
Obtain an electronic copy from: tkim@aami.org
Send comments (copy psa@ansi.org) to: Thomas Kim, tkim@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Arlington, VA 22203 | mmiskell@aami.org, www.aami.org

Reaffirmation

BSR/AAMI/ISO 14117-2019 (R202x), Active implantable medical devices-Electromagnetic compatibility-EMC test protocols for implantable cardiac pacemakers, implantable cardioverter defibrillators and cardiac resynchronization devices (reaffirmation of ANSI/AAMI/ISO 14117-2019)
This document specifies a comprehensive test methodology for the evaluation of the electromagnetic (EM) compatibility of active implantable cardiovascular devices. The devices addressed by this standard include those that provide one or more therapies for bradycardia, tachycardia, and cardiac resynchronization. This document details test methods appropriate for the interference frequencies at issue. It specifies performance limits or requires disclosure of performance in the presence of EM emitters, where indicated.
Single copy price: $319.00 (non-member) / $181.00 (member)
Obtain an electronic copy from: https://store.aami.org/s/store#/store/browse/detail/a152E000006j63dQAA
Send comments (copy psa@ansi.org) to: Mike Miskell <mmiskell@aami.org>

Comment Deadline: November 25, 2024

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE AD4254-11-202x JAN2012 (R202x), Agricultural machinery - Safety - Part 11: Pick-up balers (reaffirmation of ANSI/ASABE AD4254-11-JAN2012 (R2020))
ANSI/ASABE AD4254-11:2010 JAN2012 (R2017ED), intended to be used together with ISO 4254-1, specifies the safety requirements and their verification for the design and construction of self-propelled and trailed pick-up balers, including the combination of pick-up balers with wrappers, independent of the shape or size of the bales formed. It describes methods for the elimination or reduction of hazards arising from the intended use and reasonably foreseeable misuse of these machines by one person (the operator) in the course of normal operation and service. In addition, it specifies the type of information on safe working practices to be provided by the manufacturer.
Single copy price: Free
Obtain an electronic copy from: wall@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE S598 JAN2010 (R20xx), Procedure for Sampling, Measuring & Reporting Commingled Crop in Combine Harvest of a Subsequent Crop (reaffirmation of ANSI/ASABE S598 JAN2010 (R2019))
A standardized estimate of the level (percentage) of commingled grain present after cleaning all or parts of a combine harvester and/or flushing with a quantity of grain is produced from these procedures. Because of differences among various large- and small-seeded crop varieties as well as other harvest factors, estimates from this procedure should only be used as a comparative guide between machine treatments using these procedures and not as an absolute value of maximum commingled grain percentage for all crop conditions or any single sample value from one of the crops tested. This standard is without warranty of any kind, either expressed or implied. In no event shall the producers of this standard be liable for any damages including lost profits, lost savings or other indirect, incidental or consequential damages arising out of the use or inability to use this standard.
Single copy price: Free
Obtain an electronic copy from: wall@asabe.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: November 25, 2024

ASABE (American Society of Agricultural and Biological Engineers)

2590 Niles Road, Saint Joseph, MI 49085 | stell@asabe.org, https://www.asabe.org/

Reaffirmation

BSR/ASABE/ISO 24347 NOV2021 (R202x), Agricultural vehicles - Mechanical connections between towed and towing vehicles - Dimensions of ball-type coupling device (80 mm) (reaffirmation of ANSI/ASABE/ISO 24347 -2021)
ASABE/ISO 24347 specifies the dimensional requirements and location for a ball-coupling device of 80-mm nominal diameter, whose male part is fitted to an agricultural towing vehicle and female part is fitted to a towed, non-balanced vehicle provides mechanical connection between the two vehicles. It defines vertical loading for different positions. This document specifies a ball-coupling device with either a horizontal adjustable version, or a close position version.
Single copy price: Free
Obtain an electronic copy from: stell@asabe.org
Send comments (copy psa@ansi.org) to: Sadie Stell / stell@asabe.org

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE S392.2 APR2005 (R202x), Cotton Module Builder and Transporter Standard (reaffirmation of ANSI/ASAE S392.2 APR2005 (R2019))
The purpose of this Standard is to provide uniform equipment size guidelines for manufacturers that produce cotton module builders and transporters. Standardization will allow harvesting equipment, module builders, transporters, and module covers from various manufacturers to be used compatibly throughout the cotton industry and so avoid problems caused by incompatible equipment dimensions. This Standard also promotes consideration of safety in equipment operation and transport, and in the transporting of seed cotton modules on highways.
Single copy price: Free
Obtain an electronic copy from: wall@asabe.org
Send comments (copy psa@ansi.org) to: Same

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

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

Addenda

BSR/ASHRAE/ASHE Addendum 170s-202x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2021)
Proposed Addendum s revises portions of Sections 7 and 8 to provide clarity of intent and/or correlate elements (indicated below) of the current standard. Addendum s also follows the continuing maintenance process in further coordination with the FGI Infection Preventionist team and 170 committee to result in a coordinated document for use by all stakeholders in the Healthcare Community. This proposed addendum consists of the following general edits: Deletions to Table 7-1 and Table 8-1 relating to space designation, Deletions to related note that details use of the specific room type, Deletion of note that resulted in unnecessary confusion, Deletion of note that was not in use, Addition of note application to specific room type.
Single copy price: $35.00
Obtain an electronic copy from: Free download at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: November 25, 2024

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME BPVC Section II-202x, Part C - Specifications for Welding Rods, Electrodes, and Filler Metals (revision of ANSI/ASME BPVC Section II-2023)
Section II, Part C, contains material specifications, most of which are identical to corresponding specifications published by AWS and other recognized national or international organizations. All adopted specifications are either reproduced in the Code, where permission to do so has been obtained from the originating organization, or so referenced, and information about how to obtain them from the originating organization is provided.
Single copy price: Free
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Ray Rahaman

ATIS (Alliance for Telecommunications Industry Solutions)

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

Reaffirmation

BSR/ATIS 0300094-2019 (R202x), Trouble Type Codes in Support of ATIS Trouble Administration Standards (reaffirmation of ANSI/ATIS 0300094-2019)
This document contains a canonical listing of Trouble Type Codes to be used in the Electronic Bonding process as specified in ATIS-0300003.2012 and ATIS-0300227.2008.
Single copy price: Free
Obtain an electronic copy from: abrown@atis.org
Send comments (copy psa@ansi.org) to: Annie Brown, abrown@atis.org

ATIS (Alliance for Telecommunications Industry Solutions)

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

Reaffirmation

BSR/ATIS 0300218-2019 (R202x), ISDN Management - Data-Link and Network Layers (reaffirmation of ANSI/ATIS 0300218-2019)
This document covers maintenance of the layer 2 (data-link-layer) and layer 3 (network-layer) peer relationships between the exchange termination (ET) and the customer equipment. (Formerly known as T1.218-1999.)
Single copy price: Free
Obtain an electronic copy from: abrown@atis.org
Send comments (copy psa@ansi.org) to: Annie Brown, abrown@atis.org

ATIS (Alliance for Telecommunications Industry Solutions)

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

Reaffirmation

BSR/ATIS 0300231.01-2019 (R202x), DSL - Layer 1 In-Service Digital Transmission Performance Monitoring (reaffirmation of ANSI/ATIS 0300231.01-2019)
This standard provides performance monitoring functions and requirements applicable to DSL digital transmission lines. This standard provides functional requirements to support maintenance and is not meant to be an equipment specification. This standard is one of a set of standards for specific applications utilizing the common criteria as specified in ATIS-0300231.2013.
Single copy price: Free
Obtain an electronic copy from: abrown@atis.org
Send comments (copy psa@ansi.org) to: Annie Brown, abrown@atis.org

Comment Deadline: November 25, 2024

ATIS (Alliance for Telecommunications Industry Solutions)
1200 G Street, NW, Ste 500, Washington, DC 20005 | abrown@atis.org, www.atis.org

Reaffirmation

BSR/ATIS 0300231.02-2019 (R202x), DS1 - Layer 1 In-Service Digital Transmission Performance Monitoring (reaffirmation of ANSI/ATIS 0300231.02-2019)
This standard provides performance monitoring functions and requirements applicable to DS1 digital transmission signals. This standard provides functional requirements to support maintenance and is not meant to be an equipment specification. This standard is one of a set of standards which are applications utilizing the common criteria as specified in ATIS-0300231.2013
Single copy price: Free
Obtain an electronic copy from: abrown@atis.org
Send comments (copy psa@ansi.org) to: Annie Brown, abrown@atis.org

ATIS (Alliance for Telecommunications Industry Solutions)
1200 G Street, NW, Ste 500, Washington, DC 20005 | abrown@atis.org, www.atis.org

Reaffirmation

BSR/ATIS 0300231.03-2019 (R202x), DS3 - Layer 1 In-Service Digital Transmission Performance Monitoring (reaffirmation of ANSI/ATIS 0300231.03-2019)
This standard provides performance monitoring (PM) functions and requirements applicable to DS3 digital transmission. This standard provides functional requirements to support maintenance and is not meant to be an equipment specification. This standard is one of a set of standards which are applications utilizing the common criteria as specified in ATIS-0300231.2013.
Single copy price: Free
Obtain an electronic copy from: abrown@atis.org
Send comments (copy psa@ansi.org) to: Annie Brown, abrown@atis.org

ATIS (Alliance for Telecommunications Industry Solutions)
1200 G Street, NW, Ste 500, Washington, DC 20005 | abrown@atis.org, www.atis.org

Reaffirmation

BSR/ATIS 0300231.04-2019 (R202x), SONET - Layer 1 In-Service Digital Transmission Performance Monitoring (reaffirmation of ANSI/ATIS 0300231.04-2019)
This standard provides performance monitoring (PM) functions and requirements applicable to SONET digital transmission. This standard provides functional requirements to support maintenance and is not meant to be an equipment specification. This standard is one of a set of standards which are applications utilizing the common criteria as specified in ATIS-0300231.2013. This standard supersedes and replaces associated sections in ATIS -0300231.2003 in its entirety.
Single copy price: Free
Obtain an electronic copy from: abrown@atis.org
Send comments (copy psa@ansi.org) to: Annie Brown, abrown@atis.org

Comment Deadline: November 25, 2024

ATIS (Alliance for Telecommunications Industry Solutions)

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

Reaffirmation

BSR/ATIS 0300231-2019 (R202x), Digital Hierarchy - Layer 1 in-Service Digital Transmission Performance Monitoring (reaffirmation of ANSI/ATIS 0300231-2019)
This standard provides performance monitoring (PM) functions and requirements applicable to Layer 1 transmission signals for the covered levels of the North American transmission hierarchy. This standard provides functional requirements to support maintenance and is not meant to be an equipment specification. This standard, and its subparts, supersedes and replaces ATIS-0300231.2003 (R2007) in its entirety.
Single copy price: Free
Obtain an electronic copy from: abrown@atis.org
Send comments (copy psa@ansi.org) to: Annie Brown, abrown@atis.org

ATIS (Alliance for Telecommunications Industry Solutions)

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

Reaffirmation

BSR/ATIS 0300245-2019 (R202x), Directory Services for Telecommunications Management Network (TMN) and Synchronous Optical Network (SONET) (reaffirmation of ANSI/ATIS 0300245-2019)
This standard specifies the usage of the X.500 Directory, protocols and services for communications between Directory Users and Directory Servers. These specifications are for use of the Directory in support of management communications within the Telecommunications Management Network (TMN), and for specific technologies, such as Synchronous Optical Network (SONET). (Formerly known as T1.245-1997 (R2008).)
Single copy price: Free
Obtain an electronic copy from: abrown@atis.org
Send comments (copy psa@ansi.org) to: Annie Brown, abrown@atis.org

ATIS (Alliance for Telecommunications Industry Solutions)

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

Reaffirmation

BSR/ATIS 0600029-2019 (R202x), Standard for Irreversible Compression Lugs, Inline Splices, and Taps (reaffirmation of ANSI/ATIS 0600029-2019)
This standard covers requirements for copper irreversible compression lugs, inline splices, and taps used in telecommunications systems, including buried connections.
Single copy price: Free
Obtain an electronic copy from: masefa@atis.org
Send comments (copy psa@ansi.org) to: Mignot Asefa <masefa@atis.org>

Comment Deadline: November 25, 2024

ATIS (Alliance for Telecommunications Industry Solutions)

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

Stabilized Maintenance

BSR ATIS 0300219-2013 (S202x), ISDN Management - Overview and Principles (stabilized maintenance of ANSI ATIS 0300219-2013 (R2019))
This standard proves an overview of the set of standards on management operations for Integrated Services Digital Network (ISDNs) and establishes the principles for the maintenance and operations needed for over management of ISDNs. (Formerly known as T1.219-1991 (R2007).)
Single copy price: Free
Obtain an electronic copy from: abrown@atis.org
Send comments (copy psa@ansi.org) to: Annie Brown, abrown@atis.org

AWS (American Welding Society)

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

New Standard

BSR/AWS J1.1M/J1.1-202x, Specification for Resistance Welding Controls (new standard)
This standard provides nomenclature pertaining to the design, construction, and programming of resistance welding controls. Standard calibration and performance parameters as well as labeling and documentation requirements are also outlined. The purpose is to promote standardization, safety, and proper application of resistance welding controls.
Single copy price: $30.00 (Members); $40.00 (Nonmembers)
Obtain an electronic copy from: acelaya@aws.org
Send comments (copy psa@ansi.org) to: Same

AWWA (American Water Works Association)

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

Revision

BSR/AWWA B408-202x, Liquid Polyaluminum Chloride (revision of ANSI/AWWA B408-2017)
This standard describes polyaluminum chloride (PACl) in aqueous (liquid) form for use in the treatment of potable water, wastewater, and reclaimed water.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

EOS/ESD (ESD Association, Inc.)

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

Revision

BSR/EOS ESD SP27.1-202X, ESD Association Standard Practice for the Recommended Information Flow Regarding Potential EOS Issues between Automotive OEM, Tier 1, and Semiconductor Manufacturers (revision of ANSI/ESD SP27.1-2018)
This document applies to any electronic component, module, or assembly exhibiting electrically induced physical damage (EIPD) that is suspected to be a result of EOS.
Single copy price: $165.00 (List)/$135.00 (Members)
Obtain an electronic copy from: cearl@esda.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: November 25, 2024

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

4755 East Philadelphia Street, Ontario, CA 91761 | standards@iapmostandards.org, https://www.iapmostandards.org

Reaffirmation

BSR/ASSE/IAPMO Series 16000 (R202x), Professional Qualifications Standard for Inspectors and Plans Examiners (reaffirmation of ANSI/ASSE Series 16000-2019)
The purpose of this standard is to provide minimum performance criteria, identified by industry consensus, for Plumbing Inspectors, Mechanical System Inspectors, Plumbing Plan Examiners, and Mechanical Plan Examiners for both residential and commercial applications to ensure compliance with the referenced standards and codes.
Single copy price: Free
Obtain an electronic copy from: standards@iapmostandards.org
Send comments (copy psa@ansi.org) to: Same

ICC (ASC A117) (International Code Council)

4051 Flossmoor Road, Country Club Hills, IL 60478 | kaittaniemi@iccsafe.org, www.iccsafe.org

Revision

BSR ICC A117.1-202x, Standard for Accessible and Usable Buildings and Facilities (revision of ANSI/ICC A117.1 -2017)
Site design and architectural features affecting the accessibility and usability of buildings and facilities, consideration to be given to all types of physical and sensory disabilities, to publicly used buildings and facilities, and to residential structures.
Single copy price: Free
Obtain an electronic copy from: https://www.iccsafe.org/icc-asc-a117-1/
Send comments (copy psa@ansi.org) to: kpaarlberg@iccsafe.org

IPC (IPC - Association Connecting Electronics Industries)

3000 Lakeside Drive, Suite 105 N, Bannockburn, IL 60015 | kieronroberson@ipc.org, www.ipc.org

New Standard

BSR/IPC 9716-202x, Requirements for Automated Optical Inspection (AOI) Process Control for Printed Board Assemblies (new standard)
This standard provides requirements for automated inspection systems to define, set-up, establish, and apply process control for manufacturing printed board assemblies, including general and specific process and equipment conditions. Requirements will include those for operating and inspection parameters, vision systems, lighting conditions, calibration, detectability, resolution, threshold limits and process windows, program setups, measurement system analysis (MSA), maintenance and verification protocols. Any accept/reject criteria will be based on existing IPC standards (e.g., IPC-7527, IPC-A-610). The purpose of this standard is to set industry-defined requirements for AOI systems to reduce false calls, improve throughput and shorten cycle times to ensure quality and reliability of printed board assemblies. This standard will also support electronics manufacturers to enable advanced manufacturing real-time data analytics and control capabilities.
Single copy price: Free
Obtain an electronic copy from: KieronRoberson@IPC.org
Send comments (copy psa@ansi.org) to: Kieron Roberson <kieronroberson@ipc.org>

Comment Deadline: November 25, 2024

NEMA (ASC C137) (National Electrical Manufacturers Association)

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

New Standard

BSR/C137.9-2024-202x, Standard for Lighting Systems Network Lighting Control Systems Configuration Report (new standard)
This standard defines a Configuration Report generated by a Networked Lighting Control (NLC) system, giving stakeholders the ability to quickly understand how the NLC system is configured when the report is generated. This standard is limited to NLC systems intended for Interior use with luminaire or zone level wattage data availability. Room-based systems that are designed to control lighting only of a single room or space are excluded from the scope of this standard; however, such systems that are part of larger building systems may have all the elements needed to meet this standard and can be optionally declared as compliant. The report is exportable to a common format.
Single copy price: $100.00
Obtain an electronic copy from: michael.erbesfeld@nema.org
Send comments (copy psa@ansi.org) to: Same

NEMTAC (Non-Emergency Medical Transportation Accreditation Commission)

2307 S Rural Road, Tempe, AZ 85282 | phicks@nemtac.co, www.nemtac.co

New Standard

BSR/NEMTAC 3001-202X, Transportation Specialist Education (new standard)
This standard provides the guidelines by which an individual may be considered a Certified Transport Specialist, and details the type of education required to provide NEMT Services as a driver in the industry.
Single copy price: Free
Obtain an electronic copy from: www.NEMTAC.co/Standards
Send comments (copy psa@ansi.org) to: www.NEMTAC.co/Standards

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 12-202x, Standard on Carbon Dioxide Extinguishing Systems (revision of ANSI/NFPA 12-2018)
Portable carbon dioxide equipment is covered in NFPA 10. The use of carbon dioxide for inerting is covered in NFPA 69. This standard contains minimum requirements for carbon dioxide fire-extinguishing systems. This standard includes only the necessary essentials to make it workable in the hands of those skilled in this field.
Obtain an electronic copy from: www.nfpa.org/12Next
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: November 25, 2024

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 12A-202x, Standard on Halon 1301 Fire Extinguishing Systems (revision of ANSI/NFPA 12A-2022)
This standard contains minimum requirements for total flooding Halon 1301 fire extinguishing systems. It includes only the essentials necessary to make the standard workable in the hands of those skilled in this field. Only those skilled in this work are competent to design, install, maintain, decommission, and remove this equipment. It might be necessary for many of those charged with purchasing, inspecting, testing, approving, operating, and maintaining this equipment to consult with an experienced and competent fire protection engineer to effectively discharge their respective duties. (See Annex C.)
Obtain an electronic copy from: www.nfpa.org/12aNext
Send comments (copy psa@ansi.org) to: Same

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 36-202x, Standard for Solvent Extraction Plants (revision of ANSI/NFPA 36-2021)
This standard shall apply to the commercial scale extraction processing of animal and vegetable oils and fats by the use of Class I flammable hydrocarbon liquids, hereinafter referred to as “solvents.” A. Extraction processes that use flammable liquids but are not within the scope of NFPA 36 might be within the scope of NFPA 30, Flammable and Combustible Liquids Code, and the user is referred to that document for guidance. (See Chapter 3 for definitions of terms, including “extraction process” and “solvent.”) This standard shall also apply to any equipment and buildings that are located within 30 m (100 ft) of the extraction process. This standard shall also apply to the unloading, storage, and handling of solvents, regardless of distance from the extraction process. This standard shall also apply to the means by which material to be extracted is conveyed from the preparation process to the extraction process. This standard shall also apply to the means by which extracted desolventized solids and oils are conveyed from the extraction process. This standard shall also apply to preparation and meal finishing processes that are...
Obtain an electronic copy from: www.nfpa.org/36Next
Send comments (copy psa@ansi.org) to: Same

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 202x-202x, Standard for Fixed Aerosol Fire-Extinguishing Systems (revision of ANSI/NFPA 2010-2020)
This standard contains the requirements for the design, installation, operation, testing, and maintenance of condensed and dispersed aerosol fire-extinguishing systems for total flooding applications. This standard also covers performance requirements and methods of testing for condensed aerosol systems, dispersed aerosol systems, and associated components.
Obtain an electronic copy from: www.nfpa.org/2010Next
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NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 285-202x, Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Wall Assemblies Containing Combustible Components (revision of ANSI/NFPA 285-2023)
1.1 Scope. This standard provides a test method for determining the fire propagation characteristics of exterior wall assemblies that are constructed using combustible materials or that incorporate combustible components. The fire propagation characteristics are determined for post-flashover fires of interior origin.
Obtain an electronic copy from: www.nfpa.org/285Next
Send comments (copy psa@ansi.org) to: Same

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 329-202x, Recommended Practice for Handling Releases of Flammable and Combustible Liquids and Gases (revision of ANSI/NFPA 329-2020)
This recommended practice provides methods for responding to fire and explosion hazards resulting from the release of a flammable or combustible liquid, gas, or vapor that can migrate to a subsurface structure. Although this recommended practice is intended to address only fire and explosion hazards, other authorities should be consulted regarding the environmental and health impacts and other hazardous conditions of such releases. This recommended practice outlines options for detecting and investigating the source of a release, for mitigating the fire and explosion hazards resulting from the release, and for tracing the release back to its source. The options outlined in this recommended practice are not intended to be, nor should they be considered to be, all inclusive or mandatory in any given situation. If better or more appropriate alternative methods are available, they should be used. The procedures outlined in this recommended practice can apply to hazardous substances other than flammable and combustible liquids that might have adverse human health effects. However, the physical characteristics of the specific hazardous substance released must be understood before any action is taken. A. Guidance regarding maximum acceptable....
Obtain an electronic copy from: www.nfpa.org/329Next
Send comments (copy psa@ansi.org) to: Same

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 410-202x, Standard on Aircraft Maintenance (revision of ANSI/NFPA 410-2020)
The scope of this standard is as follows: (1) This standard covers the minimum requirements for fire safety to be followed during aircraft maintenance and does not include the health and safety requirements for personnel involved in aircraft maintenance. (2) The operations covered include the following: (a) Maintenance of electrical systems; (b) Maintenance of oxygen systems; (c) Fuel tank repairing, cleaning, painting, and paint removal; (d) Welding operations in hangars (e) Interior cleaning (f) Refurbishing operations; (3) This standard also covers requirements for fire protection of aircraft ramp areas.
Obtain an electronic copy from: www.nfpa.org/410Next
Send comments (copy psa@ansi.org) to: Same

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NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 501A-202x, Standard for Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities (revision of ANSI/NFPA 501A-2021)
This standard shall cover fire safety requirements for the installation of manufactured homes and manufactured home sites, including accessory buildings, structures, and communities.
Obtain an electronic copy from: www.nfpa.org/501aNext
Send comments (copy psa@ansi.org) to: Same

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 600-202x, Standard on Facility Fire Brigades (revision of ANSI/NFPA 600-2020)
A major concern of industrial fire protection professionals is the protection of employees and property from the threat of fire in the workplace. In 1980, the Occupational Safety and Health Administration (OSHA) defined its requirements for industrial fire brigades. These requirements apply to industrial fire brigades once corporate or local management, in the role as an authority having jurisdiction, has determined that they want an industrial fire brigade at a facility. In OSHA, 29 CFR 1910.156, Subpart L, two types of industrial fire brigades are defined in an attempt to establish levels of industrial fire brigade function and to identify the training and safety requirements for each of those levels. Industrial fire protection professionals have wrestled with categorizing every existing industrial fire brigade into either the incipient stage category or the interior structural category. In attempting to develop a state-of-the-art industrial fire brigade standard, the Technical Committee on Loss Prevention Procedures and Practices has followed OSHA's lead in setting requirements based on the incipient and interior structural industrial fire brigade definitions. The adoption of NFPA 1500, Standard on Fire Department Occupational Safety and Health Program, by the NFPA in 1987 brought about an entirely new perspective...
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NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 601-202x, Standard for Security Services in Fire Loss Prevention (revision of ANSI/NFPA 601-2020)
This standard shall apply to the selection, requirements, duties, and training of security personnel who will perform fire loss prevention duties. It shall cover the following three categories of security services: (1) Protection of the property, including times when management is not present, (2) Access and egress control into and within the confines of the protected property, and (3) Carrying out procedures for the orderly conduct of various operations at the property.
Obtain an electronic copy from: www.nfpa.org/601Next
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: November 25, 2024

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 660-202x, Standard for Combustible Dusts (revision and redesignation of NFPA 61, NFPA 484, NFPA 652, NFPA 654, NFPA 655 and NFPA 664)
1.1 Scope. This standard addresses the fire, flash fire, and explosion hazards of combustible dusts and particulate solids. This standard also addresses all metals and alloys that are in a form that is capable of combustion or explosion, as well as other hazards, in accordance with the scope of Chapter 12. This standard also addresses the size reduction of sulfur and the handling of sulfur in any form, as well as other hazards entailed in processing sulfur, in accordance with the scope of Chapter 14. This standard also addresses industrial, commercial, or institutional facilities for .....
Obtain an electronic copy from: www.nfpa.org/660Next
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NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 804-202x, Standard for Fire Protection for Advanced Light Water Reactor Electric Generating Plants (revision of ANSI/NFPA 804-2020)
This standard applies only to advanced light water reactor electric generating plants and provides minimum fire protection requirements to ensure safe shutdown of the reactor, minimize the release of radioactive materials to the environment, provide safety to life of on-site personnel, limit property damage, and protect continuity of plant operation. The fire protection is based on the principle of defense-in-depth. For plants that have adopted a risk-informed, performance based approach to fire protection, subsequent changes to the fire protection program shall be made in accordance with NFPA 806, Performance-Based Standard for Fire Protection for Advanced Nuclear Reactor Electric Generating Plants Change Process. This standard does not address water-moderated or water-cooled nuclear reactors used for training, testing, experimental purposes or the production of special nuclear materials as defined in the Atomic Energy Act of 1954, as amended. Refer to NFPA 801, Standard for Fire Protection for Facilities Handling Radioactive Materials. This standard does not address light water nuclear power plants with construction permits issued prior to January 1, 1979. An advanced nuclear reactor electric generator station that has opted to use a risk-informed, performance-based approach to fire protection will use NFPA806, Performance-Based Standard for Fire....
Obtain an electronic copy from: www.nfpa.org/804Next
Send comments (copy psa@ansi.org) to: Same

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 805-202x, Performance-Based Standard for Fire Protection for Light Water Reactor Electric Generating Plants (revision of ANSI/NFPA 805-2020)
This standard specifies the minimum fire protection requirements for existing light water nuclear power plants during all phases of plant operation, including shutdown, degraded conditions, and decommissioning.
Obtain an electronic copy from: www.nfpa.org/805Next
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Comment Deadline: November 25, 2024

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 806-202x, Performance-Based Standard for Fire Protection for Advanced Nuclear Reactor Electric Generating Plants Change Process (revision of ANSI/NFPA 806-2020)
This standard provides minimum requirements for a risk-informed, performance-based change process for the fire protection program for advanced nuclear reactor electric generating plants during construction and all phases of plant operation, including shutdown, degraded conditions, and decommissioning. Fundamental fire protection elements for advanced nuclear reactor electric generating plants can be found in NFPA804, Standard for Fire Protection for Advanced Light Water Reactor Electric Generating Plants. This standard covers advanced light water reactors, advanced heavy water reactors, advanced gas-cooled reactors, advanced liquid metal reactors, or any and all types of advanced reactors. Advanced nuclear reactor designs include water-cooled reactors [light water and heavy water reactors (LWR/HWRs)], fast reactors [liquid metal fast reactors (LMFRs)], and gas-cooled reactors [graphite moderated high temperature gas-cooled reactors (HTGRs)]. Excluded are existing light water reactors. The fundamental elements of a fire protection program, including administrative controls, fire protection features, and so forth, can be found in NFPA 804, Standard for Fire Protection for Advanced Light Water Reactor Electric Generating Plants.
Obtain an electronic copy from: www.nfpa.org/806Next
Send comments (copy psa@ansi.org) to: Same

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 853-202x, Standard for the Installation of Stationary Fuel Cell Power Systems (revision of ANSI/NFPA 853-2020)
This standard shall apply to the design, construction, and installation of stationary fuel cell power systems. The scope of this document shall include the following: (1) A singular prepackaged, self-contained power system unit; (2) Any combination of prepackaged, self-contained power system units; (3) Power system units comprising two or more factory-matched modular components intended to be assembled in the field; and (4) Engineered and field-constructed power systems that employ fuel cells.
Obtain an electronic copy from: www.nfpa.org/853Next
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: November 25, 2024

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 909-202x, Code for the Protection of Cultural Resource Properties - Museums, Libraries, and Places of Worship (revision of ANSI/NFPA 909-2021)
This code describes principles and practices of protection for cultural resource properties (including, but not limited to, museums, libraries, and places of worship), their contents, and collections, against conditions or physical situations with the potential to cause damage or loss. This code covers ongoing operations and rehabilitation and acknowledges the need to preserve culturally significant and character-defining building features and sensitive, often irreplaceable, collections and to provide continuity of operations. Principles and practices for life safety in cultural resource properties are outside the scope of this code. Where this code includes provisions for maintaining means of egress and controlling occupant load, it is to facilitate the evacuation of items of cultural significance, allow access for damage limitation teams in an emergency, and prevent damage to collections through overcrowding or as an unintended consequence of an emergency evacuation. A. Cultural resource properties should comply with the provisions of NFPA 101, Life Safety Code. Library and museum collections that are privately owned and not open to the public shall not be required to meet the requirements of this code.
Obtain an electronic copy from: www.nfpa.org/909Next
Send comments (copy psa@ansi.org) to: Same

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 1020-202x, Standard for Fire Officer and Emergency Services Instructor Professional Qualifications (revision, redesignation and consolidation of NFPA 1021 and NFPA 1041)
1.1 Scope. This standard provides minimum requirements for professional qualifications for fire and emergency services instructor, fire officer, and emergency medical services (EMS) officer positions.
Obtain an electronic copy from: www.nfpa.org/1020Next
Send comments (copy psa@ansi.org) to: Same

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 1580-202x, Standard for Emergency Responder Occupational Health and Wellness (revision, redesignation and consolidation of NFPA 1581, NFPA 1582, NFPA 1583 and NFPA 1584)
1.1 Scope. This standard contains minimum requirements for a fire department infection control program; descriptive requirements for a comprehensive occupational medical program for fire departments; establishes the minimum requirements for the development, implementation, and management of a health-related fitness program (HRFP) for members of the fire department involved in emergency operations; and establishes the minimum criteria for developing and implementing processes for member prehabilitation, contamination control, rehabilitation, and recovery from incident scene operations and training exercises.
Obtain an electronic copy from: www.nfpa.org/1580Next
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: November 25, 2024

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 1930-202x, Standard on Fire and Emergency Service Use of Thermal Imagers, Two-Way Portable RF Voice Communication Devices, Ground Ladders, and Fire Hose, and Fire Hose Appliances (revision, redesignation and consolidation of NFPA 1801, NFPA 1802, NFPA 1932, NFPA 1937 and NFPA 1962)
1.1 Scope. This standard defines the minimum requirements for thermal imagers for the fire service; two-way, portable RF voice communications devices for use by emergency services personnel in the hazard zone; the use, maintenance, and service testing of in-service fire department ground ladders; the selection, care, and maintenance of rescue tools; and the care, use, inspection, testing, and replacement of fire hose, couplings, nozzles, and fire hose appliances.
Obtain an electronic copy from: www.nfpa.org/1930Next
Send comments (copy psa@ansi.org) to: Same

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 1950-202x, Standard on Protective Clothing, Ensembles, and Equipment for Technical Rescue Incidents, Emergency Medical Operations, and Wildland Firefighting, and Urban Interface Firefighting (revision, redesignation and consolidation of NFPA 1951, NFPA 1977 and NFPA 1999)
1.1 Scope. This standard provides minimum requirements for the design, performance, testing, and certification of the following: (1) Technical rescue protective ensembles for use by emergency services personnel during technical rescue incidents; (2) New single-use and new multiple-use emergency medical operations protective clothing, including garments, helmets, gloves, footwear, and face protection devices, used by emergency medical responders prior to arrival at medical care facilities, used by medical first receivers at medical care facilities during emergency medical operations, and used by health care workers providing medical and supportive care; (3) Items of wildland firefighting and urban interface firefighting protective clothing and equipment, including protective garments, protective helmets, protective gloves, protective footwear, protective goggles, and protective chain saw protectors, as well as items for load-carrying equipment. This standard shall not be construed as addressing all the safety concerns associated with the use of compliant protective ensembles or elements. It shall be the responsibility of the persons and organizations that use compliant protective ensembles or elements to establish safety and health practices and to determine the applicability of regulatory limitations prior to use.
Obtain an electronic copy from: www.nfpa.org/1950Next
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: November 25, 2024

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 1955-202x, Standard on Surface Water Operations Protective Clothing and Equipment and Protective Ensembles for Contaminated Water Diving (revision, redesignation and consolidation of NFPA 1952 and NFPA 1953)
1.1 Scope This standard provides minimum design, performance, testing, and certification requirements for the following: (1) New protective clothing and equipment items, including full body suits, helmets, gloves, footwear, and personal flotation devices designed to provide limited protection from physical, environmental, thermal, and certain common chemical and biological hazards for emergency services personnel during surface water operations; (2) New protective clothing and equipment items, including dry suits, dry suit gloves, and dry suit footwear designed to provide limited protection from physical, environmental, and certain chemical and biological hazards that are listed herein for emergency services personnel during contaminated water dive operations. This standard shall specify requirements for protective clothing and protective equipment used during operations in contaminated water dive operations.
Obtain an electronic copy from: www.nfpa.org/1955Next
Send comments (copy psa@ansi.org) to: Same

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 2001-202x, Standard on Clean Agent Fire Extinguishing Systems (revision of ANSI/NFPA 2001-2022)
1.1 * Scope. 1.1.1 * This standard contains minimum requirements for the design, installation, approval, and maintenance of total-flooding and local-application fire-extinguishing systems that use one of the gaseous agents in Table 1.1.1. Table 1.1.1 Agents Addressed in NFPA 2001
{See Table 1.1.1 in NFPA 10} 1.1.2 The scope of this standard does not include fire-extinguishing systems that use carbon dioxide or water as the primary extinguishing media, which are addressed by other NFPA documents.

Obtain an electronic copy from: www.nfpa.org/2001Next
Send comments (copy psa@ansi.org) to: Same

ULSE (UL Standards & Engagement)

100 Queen Street, Suite 1040, Ottawa, Canada, ON | Jacob.Stewart@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 62841-3-1000-2019 (R202x), Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-1000: Particular Requirements for Transportable Laser Engravers (reaffirmation of ANSI/UL 62841-3-1000-2019)
Reaffirmation and continuance of the First Edition of the Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 3-1000: Particular Requirements For Transportable Laser Engravers, UL 62841-3-1000, as an American National Standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable.

Comment Deadline: November 25, 2024

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 2075-202X, Standard for Gas and Vapor Detectors and Sensors (revision of ANSI/UL 2075-2023)
ULSE proposes revisions to the Standard for Gas and Vapor Detectors and Sensors, UL 2075.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

Comment Deadline: December 10, 2024

ANS (American Nuclear Society)

1111 Pasquinelli Drive, Suite 350, Westmont, IL 60559 | kmurdoch@ans.org, www.ans.org

Revision

BSR/ANS 19.10-202x, Methods for Determining Neutron Fluence in BWR and PWR Pressure Vessel and Reactor Internals (revision of ANSI/ANS 19.10-2009 (R2021))
This standard provides a procedure for the evaluation, qualification, and reporting of the best estimate fast (E > 1.0 MeV) neutron fluence at various regions surrounding the reactor from the core baffle/shroud to the inside surface of the vessel, through the pressure vessel and the reactor cavity. The fast neutron fluence at elevations above and below the active fuel (e.g., grid plates, nozzles) is also addressed in the standard. This evaluation employs both fast neutron flux computations and measurement data from in-vessel and cavity dosimetry, as appropriate. This standard applies to both pressurized water reactors (PWRs) and boiling water reactors (BWRs).
Single copy price: $50.00
Obtain an electronic copy from: orders@ans.org
Order from: orders@ans.org
Send comments (copy psa@ansi.org) to: Patricia Schroeder <pschroeder@ans.org>

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 BPVC Section IX-202x, Welding, Brazing and Fusing Qualifications (revision of ANSI/ASME BPVC Section IX-2023)
Section IX of the ASME Boiler and Pressure Vessel Code relates to the qualification of welders, welding operators, brazers, brazing operators, and fusing operators, and the procedures employed in welding, brazing, or plastic fusing in accordance with the ASME Boiler and Pressure Vessel Code and the ASME B31 Code for Pressure Piping.
Single copy price: Free
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Ray Rahaman

Comment Deadline: December 10, 2024

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 1821-202x, Standard for Safety for Thermoplastic Sprinkler Pipe and Fittings for Fire Protection Service (revision of ANSI/UL 1821-2019)
These requirements cover thermoplastic pipe and fittings for use in wet pipe sprinkler systems for fire protection service. Thermoplastic pipe and fittings covered by these requirements are intended for use in sprinkler systems in any of the following types of occupancies: Light hazard occupancies as defined in the Standard for Installation of Sprinkler Systems, NFPA 13; Residential occupancies as defined in the Standard for Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, NFPA 13D; and Residential occupancies as defined in the Standard for Installation of Sprinkler Systems in Low-Rise Residential Occupancies, NFPA 13R. The pipe and fittings covered by these requirements are intended to be installed in accordance with the Standard for Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, NFPA 13D; the Standard for Sprinkler Systems in Low-Rise Residential Occupancies, NFPA 13R; or the Standard for Installation of Sprinkler Systems, NFPA 13. The requirements covered by this standard do not address compatibility of plastic pipe and fittings with materials or products that they may be in contact with in storage, handling, or use.
Single copy price: Free
Order from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Lauren Valentino, lauren.valentino@ul.org, https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

100 Queen Street, Suite 1040, Ottawa, Canada, ON | Jacob.Stewart@ul.org, https://ulse.org/

Revision

BSR/UL 12402-4-202x, Standard for Personal Flotation Devices - Part 4: Lifejackets, Performance Level 100 - Safety Requirements (revision of ANSI/UL 12402-4-2020)
1. Scope. This part of ISO 12402 specifies the safety requirements for lifejackets, performance level 100. It applies to lifejackets used by adults or children. 1DV DT Modification by revising the second sentence of clause 1 to add infants, as follows: It applies to lifejackets used by adults, children, or infants. 1DV.1 DR Addition to clause 1 as follows: 1DV.1.1 Where references are made to ISO 12402 standards, they shall be considered to be to ANSI/CAN UL 12402 with the applicable Canadian /US National Differences where UL Standards exist. Where references are made to particular requirements within a part they shall include the associated DVs contained in that standard, as applicable. 1DV.1.2 Where references are made to the use of at least in the official language(s) of the country of destination, this shall at a minimum include English and French.
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Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable.

Final Actions on American National Standards

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

AISC (American Institute of Steel Construction)

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

ANSI/AISC N690-2024, Specification for Safety-Related Steel Structures for Nuclear Facilities (revision of ANSI/AISC N690-2018) Final Action Date: 10/4/2024 | *Revision*

ANS (American Nuclear Society)

1111 Pasquinelli Drive, Suite 350, Westmont, IL 60559 | kmurdoch@ans.org, www.ans.org

ANSI/ANS 19.13-2024, Initial Fuel Loading and Startup Tests for FOAK Advanced Reactors (new standard) Final Action Date: 10/7/2024 | *New Standard*

ANSI/ANS 58.8-2019 (R2024), Time Response Criteria for Manual Actions at Nuclear Power Plants (reaffirmation of ANSI/ANS 58.8-2019) Final Action Date: 10/4/2024 | *Reaffirmation*

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

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

ANSI/ASHRAE Addendum 62.2q-2022, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2022) Final Action Date: 9/30/2024 | *Addenda*

ANSI/ASHRAE Addendum ab to ANSI/ASHRAE Standard 15-2022, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022) Final Action Date: 9/30/2024 | *Addenda*

ANSI/ASHRAE Addendum bx to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020) Final Action Date: 9/30/2024 | *Addenda*

ANSI/ASHRAE Addendum ci to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020) Final Action Date: 9/30/2024 | *Addenda*

ANSI/ASHRAE Addendum cj to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020) Final Action Date: 9/30/2024 | *Addenda*

ANSI/ASHRAE Addendum co to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020) Final Action Date: 9/30/2024 | *Addenda*

ANSI/ASHRAE Addendum c to ANSI/ASHRAE Standard 15-2022, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022) Final Action Date: 9/30/2024 | *Addenda*

ANSI/ASHRAE Addendum d to ASHRAE Standard 209-2018, Energy Simulation Aided Design for Buildings except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 209-2018) Final Action Date: 9/30/2024 | *Addenda*

ANSI/ASHRAE Addendum i to Standard 209-2018, Energy Simulation Aided Design for Buildings except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 209-2018) Final Action Date: 9/30/2024 | *Addenda*

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

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

ANSI/ASHRAE Addendum j to Standard 209-2018, Energy Simulation Aided Design for Buildings except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 209-2018) Final Action Date: 9/30/2024 | *Addenda*

ANSI/ASHRAE Addendum m to Standard 209-2018, Energy Simulation Aided Design for Buildings except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 209-2018) Final Action Date: 9/30/2024 | *Addenda*

ANSI/ASHRAE Addendum q to ANSI/ASHRAE Standard 15-2022, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022) Final Action Date: 9/30/2024 | *Addenda*

ANSI/ASHRAE/IES Addendum ad to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 9/30/2024 | *Addenda*

ANSI/ASHRAE/IES Addendum bb to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 9/30/2024 | *Addenda*

ANSI/ASHRAE Standard 158.2-2024, Methods of Testing Capacity of Refrigerant Pressure Regulators (revision of ANSI/ASHRAE 158.2-2018) Final Action Date: 9/30/2024 | *Revision*

ANSI/ASHRAE Standard 172-2024R, Method of Test for Insoluble Materials in Lubricant and Refrigerant Systems (revision of ANSI/ASHRAE Standard 172-2017) Final Action Date: 9/30/2024 | *Revision*

ASME (American Society of Mechanical Engineers)

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

ANSI/ASME A17.4-2015 (R2024), Guide for Emergency Personnel (reaffirmation of ANSI/ASME A17.4-2015) Final Action Date: 10/4/2024 | *Reaffirmation*

ASTM (ASTM International)

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

ANSI/ASTM F3328-2018 (R2024), Practice for the One-Step (Solvent Cement Only) Method of Joining Poly(Vinyl Chloride) (PVC) or Chlorinated Poly(Vinyl Chloride) (CPVC) Pipe and Piping Components with Tapered Sockets (reaffirmation of ANSI/ASTM F3328-2018) Final Action Date: 10/1/2024 | *Reaffirmation*

AWS (American Welding Society)

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

ANSI/AWS A5.02/A5.02M-2025, Specification for Filler Metal Standard Sizes, Packaging, and Physical Attributes (new standard) Final Action Date: 10/1/2024 | *New Standard*

AWWA (American Water Works Association)

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

ANSI/AWWA B453-2024, Polyacrylamide (revision of ANSI/AWWA B453-2019) Final Action Date: 10/1/2024 | *Revision*

ANSI/AWWA B703-2024, Fluorosilicic Acid (revision of ANSI/AWWA B703-2019) Final Action Date: 10/1/2024 | *Revision*

CSA (CSA America Standards Inc.)

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

ANSI/CSA B149.6-2024, Code for biogas generation and utilization (revision of ANSI/CSA B149.6-2019) Final Action Date: 10/4/2024 | *Revision*

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

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

ANSI/ASSE 1079-2024, Performance Requirements for Dielectric Pipe Unions (revision of ANSI/ASSE 1079-2012 (R2021)) Final Action Date: 10/4/2024 | *Revision*

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

4755 East Philadelphia Street, Ontario, CA 91761 | standards@iapmostandards.org, https://www.iapmostandards.org

ANSI/IAPMO Z1119-2024, Water-Powered Sump Pumps (new standard) Final Action Date: 10/7/2024 | *New Standard*

IEEE (Institute of Electrical and Electronics Engineers)

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

ANSI/IEEE C37.75-2024, Standard for Pad-Mounted, Pole-Mounted, and Submersible Switchgear Enclosures and Associated Control Enclosures - Coastal and Non-Coastal Environmental Integrity (new standard) Final Action Date: 10/4/2024 | *New Standard*

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

ANSI ICEA S-108-720-2024, Standard for Extruded Insulation Power Cables Rated Above 46 Through 500 kV AC (revision of ANSI ICEA S-108-720-2018) Final Action Date: 9/30/2024 | *Revision*

NEMA (ASC C82) (National Electrical Manufacturers Association)

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

ANSI C82.77-10-2024, Lighting Equipment - Harmonic Emission Limits - Related Power Quality Requirements (revision of ANSI C82.77-10-2021) Final Action Date: 9/30/2024 | *Revision*

NSF (NSF International)

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

ANSI/NSF 53-2024 (i160r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2023) Final Action Date: 9/27/2024 | *Revision*

ANSI/NSF 58-2024 (i111r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2023) Final Action Date: 9/27/2024 | *Revision*

ULSE (UL Standards & Engagement)

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

ANSI/UL 574-2024, Standard for Safety for Electric Oil Heaters (revision of ANSI/UL 574-2014 (R2019)) Final Action Date: 10/3/2024 | *Revision*

ANSI/UL 1072-2024a, Standard for Safety for Medium-Voltage Power Cables (revision of ANSI/UL 1072-2024) Final Action Date: 10/2/2024 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

ANSI Accredited Standards Developer

NW&RA (ASC Z245) - National Waste & Recycling AssociationEquipment Technology & Operations for Wastes & Recyclable Materials

ANS Z245 Equipment Technology and Operations for Wastes and Recyclable Materials

The approved scope of the ANS Z245 Committee's standards activities encompasses requirements for the design, manufacture, installation, modification, servicing, maintenance and use of equipment and systems used to collect, contain, transport, store, process, recycle, treat and dispose of solid wastes and recyclable materials. It also includes the operations of facilities and activities in which these equipment and technologies are incorporated: Specific Interest Category: Regulatory Agency – a federal, state or local regulatory authority having jurisdiction over the approval of equipment or facilities included within the scope of the committee or having jurisdiction for the safe operation of those equipment or facilities. To apply or obtain additional information please contact Kirk Sander at ksander@wasterecycling.org. For more information, see https://wasterecycling.org/ans-z245-standards/

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Arlington, VA 22203 | mmiskell@aami.org, www.aami.org

BSR/AAMI PC85-202x, Requirements for Fatigue Performance of Cardiac Rhythm Management Leads (new standard)
Interest Categories: Committee is seeking regulatory and general interest members to participate in the development of AAMI PC85, Requirements for Fatigue Performance of Cardiac Rhythm Management Leads.

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Arlington, VA 22203 | mmiskell@aami.org, www.aami.org

BSR/AAMI PC125-202x, Implantable leads-Perforation propensity-Requirements and test methods (new standard)
Interest Categories: Committee is seeking regulatory and general interest members to participate in the development of AAMI PC125, Implantable leads—Perforation propensity—Requirements and test methods.

AAMI (Association for the Advancement of Medical Instrumentation)

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

BSR/AAMI/ISO 11135-2015 (R202x), Sterilization of health care products - Ethylene oxide - Requirements for the development, validation and routine control of a sterilization process for medical devices (reaffirm a national adoption ANSI/AAMI/ISO 11135-2015)

AAMI (Association for the Advancement of Medical Instrumentation)

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

BSR/AAMI/ISO 11140-04 (R202x), Sterilization of health care products - Chemical indicators - Part 4 - Class 2 indicators as an alternative to the Bowie and Dick-type test for detection of steam penetration (reaffirm a national adoption ANSI/AAMI/ISO 11140-4-2012 (R2015))

AAMI (Association for the Advancement of Medical Instrumentation)

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

BSR/AAMI/ISO 11140-5 (R202x), Sterilization of health care products-Chemical indicators-Part 5: Class 2 indicators for Bowie and Dick-type air removal tests (reaffirm a national adoption ANSI/AAMI/ISO 11140-5-2012 (R2015))

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Arlington, VA 22203 | mmiskell@aami.org, www.aami.org

BSR/AAMI/ISO 14117-2019 (R202x), Active implantable medical devices-Electromagnetic compatibility-EMC test protocols for implantable cardiac pacemakers, implantable cardioverter defibrillators and cardiac resynchronization devices (reaffirmation of ANSI/AAMI/ISO 14117-2019)

API (American Petroleum Institute)

200 Massachusetts Ave NW, Washington DC, DC 20001 | DiazM@api.org, www.api.org

BSR/API Spec 5CRA/ISO 13680-202x, Corrosion-Resistant Alloy Seamless Products for Use as Casing, Tubing, Coupling Stock, and Accessory Material (national adoption of ISO 13680:2024 with modifications and revision of ANSI/API Spec 5CRA/ISO 13680-2022)

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE AD4254-11-202x JAN2012 (R202x), Agricultural machinery - Safety - Part 11: Pick-up balers (reaffirmation of ANSI/ASABE AD4254-11-JAN2012 (R2020))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE S598 JAN2010 (R20xx), Procedure for Sampling, Measuring & Reporting Commingled Crop in Combine Harvest of a Subsequent Crop (reaffirmation of ANSI/ASABE S598 JAN2010 (R2019))

ASABE (American Society of Agricultural and Biological Engineers)

2590 Niles Road, Saint Joseph, MI 49085 | stell@asabe.org, https://www.asabe.org/

BSR/ASABE/ISO 24347 NOV2021 (R202x), Agricultural vehicles - Mechanical connections between towed and towing vehicles - Dimensions of ball-type coupling device (80 mm) (reaffirmation of ANSI/ASABE/ISO 24347-2021)

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASAE S392.2 APR2005 (R202x), Cotton Module Builder and Transporter Standard (reaffirmation of ANSI/ASAE S392.2 APR2005 (R2019))

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 BPVC Section II-202x, Part C - Specifications for Welding Rods, Electrodes, and Filler Metals (revision of ANSI/ASME BPVC Section II-2023)

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 BPVC Section IX-202x, Welding, Brazing and Fusing Qualifications (revision of ANSI/ASME BPVC Section IX-2023)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR ATIS 0300219-2013 (S202x), ISDN Management - Overview and Principles (stabilized maintenance of ANSI ATIS 0300219-2013 (R2019))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300094-2019 (R202x), Trouble Type Codes in Support of ATIS Trouble Administration Standards (reaffirmation of ANSI/ATIS 0300094-2019)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300218-2019 (R202x), ISDN Management - Data-Link and Network Layers (reaffirmation of ANSI/ATIS 0300218-2019)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300231.01-2019 (R202x), DSL - Layer 1 In-Service Digital Transmission Performance Monitoring (reaffirmation of ANSI/ATIS 0300231.01-2019)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300231.02-2019 (R202x), DS1 - Layer 1 In-Service Digital Transmission Performance Monitoring (reaffirmation of ANSI/ATIS 0300231.02-2019)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300231.03-2019 (R202x), DS3 - Layer 1 In-Service Digital Transmission Performance Monitoring (reaffirmation of ANSI/ATIS 0300231.03-2019)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300231.04-2019 (R202x), SONET - Layer 1 In-Service Digital Transmission Performance Monitoring (reaffirmation of ANSI/ATIS 0300231.04-2019)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300231-2019 (R202x), Digital Hierarchy - Layer 1 in-Service Digital Transmission Performance Monitoring (reaffirmation of ANSI/ATIS 0300231-2019)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300245-2019 (R202x), Directory Services for Telecommunications Management Network (TMN) and Synchronous Optical Network (SONET) (reaffirmation of ANSI/ATIS 0300245-2019)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0600029-2019 (R202x), Standard for Irreversible Compression Lugs, Inline Splices, and Taps (reaffirmation of ANSI/ATIS 0600029-2019)

CGA (Compressed Gas Association)

8484 Westpark Drive, Suite 220, McLean, VA 22102 | kmastromichalis@cganet.com, www.cganet.com

BSR/CGA H-5-202x, Standard for Bulk Hydrogen Supply Systems (revision of ANSI/CGA H-5-2020)

EOS/ESD (ESD Association, Inc.)

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

BSR/EOS ESD SP27.1-202X, ESD Association Standard Practice for the Recommended Information Flow Regarding Potential EOS Issues between Automotive OEM, Tier 1, and Semiconductor Manufacturers (revision of ANSI/ESD SP27.1-2018)

NEMA (ASC C137) (National Electrical Manufacturers Association)

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

BSR/C137.9-2024-202x, Standard for Lighting Systems Network Lighting Control Systems Configuration Report (new standard)

American National Standards (ANS) Announcements

30-Day Announcement

Corrections

NFPA - National Fire Protection Association

BSR/NFPA 410-202x Standard on Aircraft Maintenance

Please be advised that NFPA's call for public input and public comments were announced on NFPA. org and NFPA News for NFPA 410, Standard on Aircraft Maintenance (proposed 2025 edition). However, it has been discovered by ANSI and NFPA that the related PINs publication in ANSI Standards Action was inadvertently omitted. To rectify this oversight, NFPA announces that NFPA 410 has completed the first and second draft stages of development (See the BSR-8/public comment announcement in this issue of ANSI Standards Action opening this standard for submission of Notices of Intent to Make a Motion). Any questions, including any claim of conflict or duplication with an existing American National Standard (ANS) or a candidate ANS that has been announced previously (or concurrently) in Standards Action may be directed to:

NFPA Standards Council Secretary
Dawn Michele Bellis
Stds_admin@nfpa.org
NFPA
1Batterymarch Park
Quincy, MA 02169

American National Standards (ANS) Process

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

Where to find Procedures, Guidance, Interpretations and More…

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

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

www.ansi.org/essentialrequirements

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

www.ansi.org/standardsaction

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

www.ansi.org/sdoaccreditation

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

www.ansi.org/asd

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

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

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

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

Accreditation Announcements (Standards Developers)

Public Review of Application for ASD Accreditation

MBMA - Metal Building Manufacturers Association

Comment Deadline: 11/11/2024

The Metal Building Manufacturers Association (MBMA) has submitted an application for accreditation as a developer of American National Standards. MBMA's proposed scope of activity is:

Consensus standards for metal building systems and/or metal building systems-related processes. The initial scope involves the transfer of four (4) existing ANSI/AISI Standards to MBMA that are being temporarily maintained by the Steel Deck Institute.

As the application materials are available electronically, the public review period is 30 days. You may download a copy of MBMA's application and proposed operating procedures during the public review period by clicking **HERE**.

Please send any comments by the public review deadline to: Tony Bouquot, General Manager, MBMA, 1300 Summer Avenue, Cleveland, OH 44115; ph. (216) 241-7333; email: TBouquot@ThomasAMC.com (please copy jthompso@ansi.org)

Please direct inquiries to: Tony Bouquot, Metal Building Manufacturers Association (MBMA) | 1300 Sumner Avenue, Cleveland, OH 44115 | (216) 241-7333, TBouquot@ThomasAMC.com

American National Standards Under Continuous Maintenance

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

AARST (American Association of Radon Scientists and Technologists)

AGA (American Gas Association)

AGSC (Auto Glass Safety Council)

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ASME (American Society of Mechanical Engineers)

ASTM (ASTM International)

GBI (Green Building Initiative)

HL7 (Health Level Seven)

Home Innovation (Home Innovation Research Labs)

IES (Illuminating Engineering Society)

ITI (InterNational Committee for Information Technology Standards)

MHI (Material Handling Industry)

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

NCPDP (National Council for Prescription Drug Programs)

NEMA (National Electrical Manufacturers Association)

NFRC (National Fenestration Rating Council)

NISO (National Information Standards Organization)

NSF (NSF International)

PHTA (Pool and Hot Tub Alliance)

PRCA (Professional Ropes Course Association)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

AAMI
Association for the Advancement of Medical Instrumentation
901 N. Glebe Road
Arlington, VA 22203
www.aami.org

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AAMI
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901 N. Glebe Road, Suite 300
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ADA (Organization)
American Dental Association
211 E. Chicago Avenue
Chicago, IL 60611
www.ada.org

Mary Swick
swickm@ada.org

AISC
American Institute of Steel Construction
130 E. Randolph Street, Suite 2000
Chicago, IL 60601
www.aisc.org

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ANS
American Nuclear Society
1111 Pasquinelli Drive, Suite 350
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API
American Petroleum Institute
200 Massachusetts Ave NW
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ASHRAE
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ASME
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ASTM
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Mignot Asefa
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AWS
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8669 NW 36th St
Miami, FL 3316
www.aws.org

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

Kevin Bulger
kbulger@aws.org

AWWA
American Water Works Association
6666 W. Quincy Avenue
Denver, CO 80235
www.awwa.org

Madeline Rohr
mrohr@awwa.org

BHCOE
Behavioral Health Center of Excellence
8033 West Sunset Blvd
Los Angeles, CA 90046
www.bhcoe.org

Jenna Kokoski
jenna.kokoski@jadehealth.org

CGA
Compressed Gas Association
8484 Westpark Drive, Suite 220
McLean, VA 22102
www.cganet.com

Kristy Mastromichalis
kmastromichalis@cganet.com

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

Debbie Chesnik
ansi.contact@csagroup.org

EOS/ESD
ESD Association, Inc.
218 W. Court Street
Rome, NY 13440
https://www.esda.org

Jennifer Kirk
jkirk@esda.org

IAPMO (ASSE Chapter)
ASSE International Chapter of IAPMO
18927 Hickory Creek Drive, Suite 220
Mokena, IL 60448
www.asse-plumbing.org

Terry Burger
standards@iapmostandards.org

IAPMO (Z)
International Association of Plumbing & Mechanical Officials
4755 East Philadelphia Street
Ontario, CA 91761
https://www.iapmostandards.org

Terry Burger
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ICC (ASC A117)
International Code Council
4051 Flossmoor Road
Country Club Hills, IL 60478
www.iccsafe.org

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

Suzanne Merten
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IPC
IPC - Association Connecting Electronics Industries
3000 Lakeside Drive, Suite 105 N
Bannockburn, IL 60015
www.ipc.org

Kieron Roberson
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NEMA (ASC C137)
National Electrical Manufacturers Association
1300 N 17th Street, Suite 900
Rosslyn, VA 22209
www.nema.org

Michael Erbesfeld
Michael.Erbesfeld@nema.org

NEMA (ASC C8)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 900
Arlington, VA 22209
www.nema.org

Khaled Masri
Khaled.Masri@nema.org

NEMA (ASC C82)
National Electrical Manufacturers Association
1300 N 17th St
Rosslyn, VA 22209
www.nema.org

Michael Erbesfeld
Michael.Erbesfeld@nema.org

NEMTAC
Non Emergency Medical Transportation Accreditation Commission
2307 S Rural Road
Tempe, AZ 85282
www.nemtac.co

Peter Hicks
phicks@nemtac.co

NFPA
National Fire Protection Association
One Batterymarch Park
Quincy, MA 02169
www.nfpa.org

Dawn Michele Bellis
dbellis@nfpa.org

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

Monica Milla
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PLATO
Portable Lights American Trade Organization
8033 NE Holman St
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Matthew Law
MattLaw@coastportland.com

RESNET
Residential Energy Services Network, Inc.
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Oceanside, CA 92052
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ULSE
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https://ulse.org/

Lauren Valentino
lauren.valentino@ul.org

ULSE
UL Standards & Engagement
47173 Benicia Street
Fremont, CA 94538
https://ulse.org/

Marcia Kawate
Marcia.M.Kawate@ul.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

Aircraft and space vehicles (TC 20)

ISO/DIS 20991, Space systems - Requirements for small spacecraft - 12/21/2024, $40.00

Cleaning equipment for air and other gases (TC 142)

ISO/DIS 15957, Test dusts for evaluating air cleaning equipment - 12/19/2024, $58.00

Document imaging applications (TC 171)

ISO/DIS 15801, Document management - Electronically stored information - Requirements for trustworthiness and reliability - 12/20/2024, $107.00

Environmental management (TC 207)

ISO/DIS 14054, Natural capital accounting for organizations - Principles, requirements and guidelines - 12/21/2024, $107.00

Graphical symbols (TC 145)

ISO 7010:2019/DAmd 147, - Amendment 1: Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 147: Safety sign E076: Evacuation equipment - 12/21/2024, $29.00

ISO 7010:2019/DAmd 151, - Amendment 1: Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 151: Safety sign P080: No access for unauthorized persons - 12/21/2024, $29.00

ISO 7010:2019/DAmd 143, - Amendment 1: Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 143: Safety sign E072: Safe anchorage point - 12/21/2024, $29.00

ISO 7010:2019/DAmd 148, - Amendment 1: Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 148: Safety sign M068: Lock mechanical moving parts - 12/21/2024, $29.00

ISO 7010:2019/DAmd 150, - Amendment 1: Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 150: Safety sign M072: Use decontamination shower - 12/21/2024, $29.00

ISO 7010:2019/DAmd 145, - Amendment 1: Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 145: Safety sign E074: Emergency rations - 12/21/2024, $29.00

ISO 7010:2019/DAmd 146, - Amendment 1: Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 146: Safety sign E075: Lifeguard - 12/21/2024, $29.00

ISO 7010:2019/DAmd 149, - Amendment 1: Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 149: Safety sign M069: Tools must be tethered - 12/21/2024, $29.00

ISO 7010:2019/DAmd 144, - Amendment 1: Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 144: Safety sign E073: Emergency descent device - 12/21/2024, $29.00

Healthcare organization management (TC 304)

ISO/DIS 9829, Healthcare organization management - Pandemic response - Contact tracing - 12/19/2024, $71.00

Implants for surgery (TC 150)

ISO 18193:2021/DAmd 1, - Amendment 1: Cardiovascular implants and artificial organs - Cannulae for extracorporeal circulation - Amendment 1 - 12/22/2024, $29.00

Other

ISO/DGuide DIS 84, Guidelines for addressing climate change in standards - 12/19/2024, $134.00

Petroleum products and lubricants (TC 28)

ISO/DIS 13825, Petroleum and related products - Determination of arsenic in crude petroleum using atomic fluorescence spectrometry - 12/21/2024, $53.00

Plain bearings (TC 123)

ISO/DIS 31657-1, Plain bearings - Hydrodynamic plain journal bearings under steady-state conditions - Part 1: Calculation of multi-lobed and tilting pad journal bearings - 12/22/2024, $107.00

ISO/DIS 31657-2, Plain bearings - Hydrodynamic plain journal bearings under steady-state conditions - Part 2: Functions for calculation of multi-lobed journal bearings - 12/20/2024, $134.00

ISO/DIS 31657-3, Plain bearings - Hydrodynamic plain journal bearings under steady-state conditions - Part 3: Functions for calculation of tilting pad journal bearings - 12/26/2024, $146.00

ISO/DIS 31657-4, Plain bearings - Hydrodynamic plain journal bearings under steady-state conditions - Part 4: Permissible operational parameters for calculation of multi-lobed and tilting pad journal bearings - 12/20/2024, $40.00

Plastics (TC 61)

ISO/DIS 7214, Cellular plastics - Polyethylene - Methods of test - 12/19/2024, $53.00

ISO/DIS 8873-1, Rigid cellular plastics - Spray-applied polyurethane foam for thermal insulation - Part 1: Material specification - 12/20/2024, $53.00

Quality management and corresponding general aspects for medical devices (TC 210)

ISO/DIS 20417, Medical devices - Information to be supplied by the manufacturer - 12/23/2024, $134.00

Railway applications (TC 269)

ISO/DIS 19659-4, Railway applications - Heating, ventilation and air conditioning systems for rolling stock - Part 4: Design parameters, test and inspection items for the HVAC unit - 12/19/2024, $134.00

Refrigeration (TC 86)

ISO/DIS 18976, Testing of refrigerant compressors - 12/20/2024, $112.00

Road vehicles (TC 22)

ISO/DIS 15118-4, Road vehicles - Vehicle to grid communication interface - Part 4: Network and application protocol conformance test - 12/22/2024, $398.00

(TC 331)

ISO/DIS 13208, Biodiversity - Vocabulary - 12/19/2024, $98.00

Terminology (principles and coordination) (TC 37)

ISO/DIS 24495-2, Plain language - Part 2: Legal communication - 12/22/2024, $62.00

Tyres, rims and valves (TC 31)

ISO/DIS 18106, Passenger car, commercial vehicle, truck and bus tyres - Methods for measuring snow grip performance - Loaded new tyres - 12/19/2024, $77.00

Water re-use (TC 282)

ISO/DIS 20468-10, Performance evaluation of treatment technologies for water reuse systems - Part 10: Guidelines for evaluation of dependability of treatment systems - 12/22/2024, $62.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 4933, Information technology - User interfaces - Unifying input actions across devices - 12/19/2024, $62.00

ISO/IEC DIS 19752, Information technology - Office equipment - Method for the determination of toner cartridge yield for monochromatic electrophotographic printers and multi-function devices that contain printer components - 12/20/2024, $82.00

IEC Standards

Alarm systems (TC 79)

79/714/CD, IEC 62676-5 ED2: Video surveillance systems for use in security applications - Part 5: Data specifications and image quality performance for camera devices, 11/29/2024

All-or-nothing electrical relays (TC 94)

94/1074/FDIS, IEC 63522-36 ED1: Electrical relays - Tests and Measurements - Part 36: Fire hazard, 11/15/2024

94/1075/FDIS, IEC 63522-39 ED1: Electrical relays - Tests and measurements - Part 39: Insertion and withdrawal force, 11/15/2024

94/1076/FDIS, IEC 63522-43 ED1: Electrical relays - Tests and measurements - Part 43: Proof tracking index (PTI), 11/15/2024

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

100/4187/CDV, IEC 61937-17 ED1: Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 17: Non-linear PCM bitstreams according to the AVS3-P3 format, 12/27/2024

Automatic controls for household use (TC 72)

72/1458/CD, IEC 60730-2-24 ED1: Automatic electrical controls -Part 2-24: Particular requirements for displacement electrical controls, 12/27/2024

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

46A/1701/CD, IEC 61196-1-129 ED1: Coaxial communication cables - Part 1-129: Electrical test methods - Link-loss balance of radiating cables, 11/29/2024

Capacitors and resistors for electronic equipment (TC 40)

40/3178/FDIS, IEC 62813 ED2: Lithium ion capacitors for use in electric and electronic equipment - Test methods for electrical characteristics, 11/15/2024

Electric traction equipment (TC 9)

9/3147/CD, IEC 61375-2-5 ED2: Electronic railway equipment - Train communication network (TCN) - Part 2-5: Ethernet train backbone, 12/27/2024

Electrical accessories (TC 23)

23E/1370(F)/FDIS, IEC 61008-2-2 ED2: Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) - Part 2-2: RCCBs according to classification 4.1.2, 4.1.3, 4.1.4, 4.1.5 and 4.1.6, 10/18/2024

Electrical apparatus for explosive atmospheres (TC 31)

31/1797(F)/CDV, IEC 60079-42 ED1: Explosive atmospheres - Part 42: Electrical safety devices for the control of potential ignition sources for Ex-Equipment, 12/20/2024

Electrical equipment in medical practice (TC 62)

62D/2168(F)/FDIS, IEC 60601-2-40 ED3: Medical electrical equipment - Part 2-40: Particular requirements for the basic safety and essential performance of electromyographs and evoked response equipment, 10/18/2024

62C/927(F)/FDIS, IEC 60601-2-68 ED2: Medical electrical equipment - Part 2-68: Particular requirements for the basic safety and essential performance of X-ray-based image-guided radiotherapy equipment for use with electron accelerators, light ion beam therapy equipment and radionuclide beam therapy equipment, 10/25/2024

62C/925/CDV, IEC 61267 ED3: Medical diagnostic X-ray equipment - Radiation conditions for use in the determination of characteristics, 12/27/2024

62D/2169(F)/FDIS, IEC 80601-2-71 ED2: Medical electrical equipment - Part 2-71: Particular requirements for the basic safety and essential performance of functional near-infrared spectroscopy (NIRS) equipment, 10/25/2024

62A/1617/DTS, ISO TS 81001-2-1 ED1: Health software and health IT systems safety, effectiveness and security - Part 2-1: Coordination - Guidance for the use of assurance cases for safety and security, 11/29/2024

Electrical installations of buildings (TC 64)

64/2696/FDIS, IEC 60364-4-44 ED3: Low-voltage electrical installations - Part 4-44: Protection for safety - Protection against voltage disturbances and electromagnetic disturbances, 11/15/2024

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

18/1912/CDV, IEC 60092-301 ED4: Electrical installations in ships - Part 301: Equipment - Generators and motors, 12/27/2024

Electromagnetic compatibility (TC 77)

77/618/CD, Electromagnetic compatibility (EMC) - Part 4-1: Testing and measurement techniques - Overview of IEC 61000 -4 series, 12/27/2024

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

48B/3118/CDV, IEC 61076-2-118 ED1: Circular connectors - Detail specification for shielded and unshielded, free and fixed connectors with bayonet-locking size B12, B17, B23 and B40, for power, signal and data transmission, 12/27/2024

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

104/1077/CD, IEC TS 60721-4-4 ED1: Classification of environmental conditions - Part 4-4: Guidance for the correlation and transformation of environmental condition classes of IEC 60721-3 to the environmental tests of IEC 60068 - Stationary use at non-weatherprotected locations, 12/27/2024

Environmental standardization for electrical and electronic products and systems (TC 111)

111/778(F)/FDIS, IEC 82474-1 ED1: Material declaration - Part 1: General requirements, 10/25/2024

Flat Panel Display Devices (TC 110)

110/1709/DTR, IEC TR 63340-1 ED1: Electronic displays for special applications - Part 1: General introduction, 11/29/2024

Fuel Cell Technologies (TC 105)

105/1078/NP, PNW 105-1078 ED1: Fuel cell technologies - Part 2-X: Fuel cell modules - Performance test methods for PEM module, 12/27/2024

105/1077/NP, PNW TS 105-1077 ED1: Fuel cell technologies- Part xx: Fuel cell modules - PEM modules Size and interfaces definition (Shape, fluidic, electrical, API interfaces), 12/27/2024

Hydraulic turbines (TC 4)

4/510(F)/CDV, IEC 61116 ED2: Electromechanical equipment guide for small hydroelectric installations, 12/20/2024

Industrial-process measurement and control (TC 65)

65/1101/DTS, IEC TS 62443-6-2 ED1: Security evaluation methodology for IEC 62443-4-2: Technical security requirements for IACS components, 11/29/2024

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

113/866/DTS, IEC TS 62876-4-1 ED1: Nanomanufacturing - Reliability assessment - Part 4-1: Photonic products - Optical stability test of quantum dot enabled light conversion films: Temperature, humidity and light exposure, 11/29/2024

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

116/827/CDV, IEC 62841-2-25 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-25: Particular requirements for hand-held chain beam saws, 12/27/2024

Safety of household and similar electrical appliances (TC 61)

61/7296(F)/FDIS, IEC 60335-2-45 ED4: Household and similar electrical appliances - Safety - Part 2-45: Particular requirements for portable heating tools and similar appliances, 10/18/2024

Secondary cells and batteries (TC 21)

21A/903/CD, IEC 60623 ED6: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Vented nickel-cadmium prismatic rechargeable cells and batteries for use in industrial applications., 11/29/2024

21A/904/CD, IEC 62675 ED2: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Sealed nickel-metal hydride prismatic rechargeable cells and batteries for use in industrial applications., 11/29/2024

21/1226/NP, Replaced by 21/1226A/NP, 11/29/2024

Semiconductor devices (TC 47)

47/2866/CDV, IEC 63601 ED1: Guideline for Evaluating Bias Temperature Instability of Silicon Carbide Metal-Oxide-Semiconductor Devices for Power Electronic Conversion (Fast track), 12/27/2024

47/2867/CDV, IEC 63602 ED1: Guidelines for Representing Switching Losses of SIC MOSFETs in Datasheets (Fast track), 12/27/2024

47/2880/NP, PNW 47-2880 ED1: Reliability evaluation methods for vibration energy harvesters - Part 2: Temperature and humidity, 12/27/2024

Solar photovoltaic energy systems (TC 82)

82/2291(F)/CDV, IEC 63349-1 ED1: Photovoltaic direct-driven appliance controllers - Part 1: General requirement, 12/20/2024

82/2310/CD, IEC TS 63371-1 ED1: Materials used in photovoltaic (PV) cells - Part 1: Specifications for electrical characteristics of crystalline silicon wafers, 11/29/2024

Surface mounting technology (TC 91)

91/1983(F)/FDIS, IEC 61189-2-809 ED1: Test methods for electrical materials, printed board and other interconnection structures and assemblies - Part 2-809: X/Y coefficient of thermal expansion (CTE) test for thick base materials by TMA, 11/01/2024

91/1973/CDV, IEC 61189-3-302 ED1: Test methods for electrical materials, printed board and other interconnection structures and assemblies - Part 3-302: Detection of plating defects in unpopulated circuit boards by computed tomography (CT), 12/27/2024

(TC)

SyCSmartEnergy/284/NP, PNW TS SYCSMARTENERGY-284 ED1: SRD Smart Energy Standards Map Project, 12/27/2024

Ultrasonics (TC 87)

87/878(F)/FDIS, IEC 62127-2 ED2: Ultrasonics - Hydrophones - Part 2: Calibration for ultrasonic fields, 10/18/2024

Newly Published ISO & IEC Standards

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

ISO Standards

Additive manufacturing (TC 261)

ISO/ASTM 52967:2024, Additive manufacturing for aerospace - General principles - Part classifications for additive manufactured parts used in aviation, $81.00

Aircraft and space vehicles (TC 20)

ISO 17981:2024, Space systems - Cube satellite (CubeSat) interface, $194.00

Banking and related financial services (TC 68)

ISO 17442-3:2024, Financial services - Legal entity identifier (LEI) - Part 3: Verifiable LEIs (vLEIs), $54.00

Corrosion of metals and alloys (TC 156)

ISO 7054:2024, Corrosion of metals and alloys - Wiping method for measurements of gases and particles on real structures and equipment, $124.00

ISO 9812:2024, Corrosion of metals and alloys - Corrosion test method for disinfectant - Spray test method, $81.00

Dimensional and Geometrical Product Specifications and Verification (TC 213)

ISO 5459:2024, Geometrical product specifications (GPS) - Geometrical tolerancing - Datums and datum systems, $278.00

Elevating Work Platforms (TC 214)

ISO 18893:2024, Mobile elevating work platforms - Safety principles, inspection, maintenance and operation, $194.00

Environmental management (TC 207)

ISO 59014:2024, Environmental management and circular economy - Sustainability and traceability of the recovery of secondary materials - Principles, requirements and guidance, $194.00

Essential oils (TC 54)

ISO 9842:2024, Essential oil of rose (Rosa x damascena Miller), $81.00

ISO 14714:2024, Essential oils and aromatic extracts - Determination of benzene content, $54.00

Foundry machinery (TC 306)

ISO 23779:2024, Shot blasting machinery - Safety and environmental requirements, $194.00

Geosynthetics (TC 221)

ISO 10319:2024, Geosynthetics - Wide-width tensile test, $166.00

ISO 13428:2024, Geosynthetics - Determination of the protection efficiency of a geosynthetic against impact damage, $81.00

Industrial trucks (TC 110)

ISO 10896-8:2024, Rough-terrain trucks - Safety requirements and verification - Part 8: Requirements for trucks designed for towing, $166.00

Light metals and their alloys (TC 79)

ISO 2135:2024, Anodizing of aluminium and its alloys - Accelerated test of light fastness of coloured anodic oxidation coatings using artificial light, $81.00

ISO 10216:2024, Anodizing of aluminium and its alloys - Instrumental determination of image clarity of anodic oxidation coatings - Instrumental method, $81.00

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

ISO 5124:2024, Loading and unloading of liquefied natural gas (LNG) tank wagons and containers, $124.00

Other

ISO/CIE 28077:2024, Photocarcinogenesis action spectrum (non-melanoma skin cancers), $81.00

Paper, board and pulps (TC 6)

ISO 3689:2024, Paper and board - Determination of bursting strength after immersion in water, $81.00

ISO 5637:2024, Paper and board - Determination of water absorption after immersion in water, $81.00

Plastics (TC 61)

ISO 4892-1:2024, Plastics - Methods of exposure to laboratory light sources - Part 1: General guidance and requirements, $194.00

ISO 4892-3:2024, Plastics - Methods of exposure to laboratory light sources - Part 3: Fluorescent UV lamps, $166.00

Refractories (TC 33)

ISO 20182:2024, Refractory test-piece preparation - Gunning refractory panels by the pneumatic-nozzle mixing type guns, $81.00

Risk management (TC 262)

ISO 31031:2024, Managing risk for youth and school trips, $223.00

Sieves, sieving and other sizing methods (TC 24)

ISO 13318-1:2024, Determination of particle size distribution by centrifugal liquid sedimentation methods - Part 1: General principles, requirements and guidance, $278.00

Small tools (TC 29)

ISO 5686-1:2024, Polygonal turret interface with flat contact surface - Part 1: Shanks of type F, H and A, $223.00

ISO 5686-2:2024, Polygonal turret interface with flat contact surface - Part 2: Receivers of type F, H, A and X for shanks of type F, H and A, $250.00

ISO 5686-3:2024, Polygonal turret interface with flat contact surface - Part 3: Coupling for driven tool holders with shanks of type F and A, $54.00

Sterilization of health care products (TC 198)

ISO 15883-1:2024, Washer-disinfectors - Part 1: General requirements, terms and definitions and tests, $250.00

Thermal insulation (TC 163)

ISO 12572:2016/Amd 1:2024, - Amendment 1: Hygrothermal performance of building materials and products - Determination of water vapour transmission properties - Cup method - Amendment 1, $23.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO 6531:2024, Machinery for forestry - Portable chain-saws - Vocabulary, $81.00

ISO Technical Reports

Transfusion, infusion and injection equipment for medical use (TC 76)

ISO/TR 8417:2024, Risk management of particulate contamination for devices with intravascular access, $81.00

ISO Technical Specifications

Health Informatics (TC 215)

ISO/TS 5788:2024, Health informatics - Internet healthcare service pattern, $81.00

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

ISO/TS 20790:2024, Oil and gas industries including lower carbon energy - Guidelines for green manufacturing and lower carbon emission of oil and gas-field equipment and materials, $166.00

Road vehicles (TC 22)

ISO/TS 21934-2:2024, Road vehicles - Prospective safety performance assessment of pre-crash technology by virtual simulation - Part 2: Guidelines and requirements for application, $278.00

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 33022:2024, Information technology - Process assessment - Application of ISO/IEC/IEEE 12207 processes to the ISO/IEC 33020 process capability measurement scale, $278.00

ISO/IEC TR 33023:2024, Information technology - Process assessment - Application of ISO/IEC TS 33073 processes to the ISO/IEC 33020 process capability measurement scale, $250.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 26131:2024, Information technology - OpenID connect - OpenID connect core 1.0 incorporating errata set 2, $278.00

ISO/IEC 26132:2024, Information technology - OpenID connect - OpenID connect discovery 1.0 incorporating errata set 2, $194.00

ISO/IEC 26133:2024, Information technology - OpenID connect - OpenID connect dynamic client registration 1.0 incorporating errata set 2, $194.00

ISO/IEC 26134:2024, Information technology - OpenID connect - OpenID connect RP-initiated logout 1.0, $81.00

ISO/IEC 26135:2024, Information technology - OpenID connect - OpenID connect session management 1.0, $81.00

ISO/IEC 26136:2024, Information technology - OpenID connect - OpenID connect front-channel logout 1.0, $81.00

ISO/IEC 26137:2024, Information technology - OpenID connect - OpenID connect back-channel logout 1.0 incorporating errata set 1, $124.00

ISO/IEC 26138:2024, Information technology - OpenID connect - OAuth 2.0 multiple response type encoding practices, $81.00

ISO/IEC 26139:2024, Information technology - OpenID connect - OAuth 2.0 form post response mode, $54.00

ISO/IEC 19795-10:2024, Information technology - Biometric performance testing and reporting - Part 10: Quantifying biometric system performance variation across demographic groups, $166.00

ISO/IEC TS 18013-7:2024, Personal identification - ISO-compliant driving licence - Part 7: Mobile driving licence (mDL) add-on functions, $223.00

IEC Standards

Flat Panel Display Devices (TC 110)

IEC 62341-6-7 Ed. 1.0 en:2024, Organic light emitting diode (OLED) displays - Part 6-7: Measuring methods of optical characteristics for display with under-screen feature, $193.00

Nuclear instrumentation (TC 45)

IEC 63391 Ed. 1.0 en:2024, Active millimetre-wave systems for security screening of humans - General requirements, $193.00

Performance of household electrical appliances (TC 59)

IEC 63399 Ed. 1.0 b:2024, Household and similar electrical rice cookers - Methods for measuring the performance, $303.00

International Electrotechnical Commission (IEC)

USNC Technical Advisor Needed

Response Deadline: November 1, 2024

As the current Technical Advisor for TC 113 TAG will be stepping down at the end of this year, the USNC is looking for a new Technical Advisor (s) to take on this USNC TAG Technical Advisory role beginning January 1, 2025.

If individuals are interested in the position of USNC TAG Technical Advisor for the USNC TAG to IEC/TC 113, they are invited to contact Betty Barro at bbarro@ansi.org by November 1st, 2024.

Please see the scope for **the IEC/ TC 113** below:

Scope: **TC 113 - Nanotechnology for electrotechnical products and systems**

Standardization of the technologies relevant to electrotechnical products and systems in the field of nanotechnology in close cooperation with other committees of IEC and ISO

International Organization for Standardization (ISO)

Call for comment on ISO/IEC Guide 59:2019

Comment Deadline: October 18, 2024

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

This document provides recommended standardization practices that are intended to support the application of the following:
- the WTO TBT Committee decision on principles for the development of international standards, guides and recommendations (G/TBT/9, 13 November 2000);
- the WTO TBT Agreement's Code of Good Practice for the Preparation, Adoption and Application of Standards (Annex 3 of the 1995 WTO TBT Agreement).
This document is intended to be used by the national members of ISO and IEC, hereafter referred to as national bodies.

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

Call for comment on ISO/IEC Guide 63:2019

Comment Deadline: October 18, 2024

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

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

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

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Ayurveda and Yoga

Comment Deadline: November 15, 2024

BIS, the ISO member body for India, has submitted to ISO a proposal for a new field of ISO technical activity on Ayurveda and Yoga, with the following scope statement:

Standardization in the field of Ayurveda and Yoga. Both traditional and modern aspects of products and services of these systems are covered. The committee will focus on following fields including but not limited to Terminology; Quality and Safety of ingredients, extracts, finished products, Ayurveda based dietary supplements and nutraceuticals, Ayurveda Pharmaceutical equipment and procedures; Health and Wellness service requirements; Health Assessment tools/equipment; Rejuvenative procedures and tools/equipment /devices; Yoga accessories, Yoga props and common yoga protocol practices.

Excluded: Standardization covered by
- *ISO/TC 54 - Essential oils*
- *ISO/TC 215 - Health Informatics*
- *ISO/TC 249 - Traditional Chinese Medicine*

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, November 15, 2024.

ISO Proposal for a New Field of ISO Technical Activity

Contact Centers

Comment Deadline: November 8, 2024

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on Contact Centers, with the following scope statement:

Standardization in the field of terminology, requirement, guidance, practices, evaluation for contact centers management and services provision.

Excluded: Relevant work within the scopes of the following committees:
- *ISO/IEC JTC 1 Information technology*
- *ISO/IEC JTC 1/SC 40 IT service management and IT governance*
- *ISO/TC 176 Quality management and quality assurance*
- *ISO/TC 176/SC 3 Quality management and quality assurance —Supporting technologies*
- *ISO/TC 290 Online reputation*
- *ISO/TC 312 Excellence in service*
- *ISO/PC 317 Consumer protection: privacy by design for consumer goods and services*

Note: In parallel, the proposed TC works in cooperation with existing committees on subjects that may support contact centers.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, November 8, 2024.

Registration of Organization Names in the United States

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

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

BSR/ASHRAE Addendum f
to ANSI/ASHRAE Standard 62.1-2022

Public Review Draft

Proposed Addendum f to Standard 62.1-2022, Ventilation and Acceptable Indoor Air Quality

First Public Review (July 2024)
(Draft shows Proposed Changes to Current Standard)

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

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FOREWORD

This proposed addendum improves the resiliency of a building by improving the ability to adjust ventilation quickly and easily in response to air quality related emergency conditions. It will add a requirement for the control system to include an Economizer Shutdown and a Ventilation Increase mode of operation that may be enabled in response to conditions such as nearby wildfires (Economizer Shutdown) or a pandemic (Ventilation Increase). It includes a requirement for an automatic return to normal operation based on a timer control to avoid accidentally leaving the systems in one of the emergency modes after the emergency situation has passed.

The committee notes that ventilation controls for air quality emergencies were published as Addendum k to Standard 189.1-2020. This addendum to Standard 62.1-2022 borrows from Addendum k, but differs in part due to Standard 62.1's mission to provide the minimum, rather than enhanced, requirements of ventilation, indoor air quality, and operation.

[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 f to 62.1-2022

Add new Section 5.21 as shown below.

5.21 Outdoor Air Intake Controls for Air Quality Emergencies. The building control system shall include modes of operation to adjust ventilation rates. A timer-based reset shall automatically restore normal operation after a user adjustable period that shall be limited to not more than 72 hours. The control system shall allow initiation of the following modes:

a. Economizer Shutdown: Disable economizer controls such that systems operate with minimum outdoor airflow only.
b. Outdoor Air Intake Increase: Demand controlled ventilation (DCV) shall be disabled. The outdoor air intake flow (Vot) and the exhaust rates shall be set to the maximum rates designated by the Designer for system operation in this mode.

5.21.1 The initiation of these modes of operation shall trigger a control system notification.

Informative Note: *An example emergency during which the Economizer Shutdown mode of operation may be employed is a nearby wildfire causing poor outdoor air quality. An example emergency during which the Ventilation Increase mode of operation may be employed is a period of indoor temporary* unusual source.

Exceptions to 5.21:

1. Health care facilities, including hospitals, nursing facilities, and outpatient facilities.
2. Laboratory and other facilities where differential pressurization must be maintained to comply with health and safety requirements.
3. Systems that do not have a direct digital control (DDC) system.

BSR/ASHRAE Addendum p
to ANSI/ASHRAE Standard 62.2-2022

Public Review Draft

Proposed Addendum p to Standard 62.2-2022, Ventilation and Acceptable Indoor Air Quality in Residential Buildings

First Public Review (August 2024)
(Draft shows Proposed Changes to Current Standard)

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

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FOREWORD

This proposed addendum would remove the definition of ventilation air. It would also change the requirement for ventilation rate in Section 4.1 to remove the requirement that the system deliver outdoor air, and instead state that the system shall provide air for ventilation, which is defined as the process for supplying outdoor air or removing indoor air from the dwelling unit. Finally, it would change Tables 4-1a and 4-1b to reference ventilation rate requirements instead of ventilation air requirements. The purpose of the proposed change is to acknowledge that the standard permits exhaust-only systems for dwelling unit ventilation in detached units.

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Addendum p to 62.2-2022

Revise Section 3 as shown below. The remainder of Section 3 is unchanged.

3. DEFINITIONS

3.1 Terms

~~***air, ventilation:*** outdoor air delivered to the dwelling unit that is intended to dilute airborne contaminants.~~

ventilation: process of supplying outdoor air to or removing indoor air from a dwelling unit by natural or mechanical means. Such air may or may not have been conditioned.

Revise Section 4.1 as shown below. The remainder of Section 4 is unchanged.

4. DWELLING-UNIT VENTILATION

4.1 Ventilation Rate. A mechanical exhaust system, supply system, or combination thereof shall be designed and ~~provided~~ installed with the capacity to ~~deliver outdoor air~~ provide air for ventilation ~~to~~ of the ~~whole~~ dwelling unit at a continuous rate not less than that specified in Sections 4.1.1 through 4.1.4.

Revise the titles of Tables 4-1a (I-P) and 4-1b (SI) as shown below. The remainder of tables are unchanged.

Table 4-1a (I-P) Ventilation ~~Air~~ Rate Requirements, cfm

Floor Area, ft^2	Bedrooms				
	1	2	3	4	5
<500	30	38	45	53	60

501 to 1000	45	53	60	68	75
1001 to 1500	60	68	75	83	90
1501 to 2000	75	83	90	98	105
2001 to 2500	90	98	105	113	120
2501 to 3000	105	113	120	128	135
3001 to 3500	120	128	135	143	150
3501 to 4000	135	143	150	158	165
4001 to 4500	150	158	165	173	180
4501 to 5000	165	173	180	188	195

Table 4-1b (SI) Ventilation ~~Air~~ Rate Requirements, L/s

Floor Area, m^2	Bedrooms				
	1	2	3	4	5
<47	14	18	21	25	28
47 to 93	21	24	28	31	35
94 to 139	28	31	35	38	42
140 to 186	35	38	42	45	49
187 to 232	42	45	49	52	56
233 to 279	49	52	56	59	63
280 to 325	56	59	63	66	70
326 to 372	63	66	70	73	77
373 to 418	70	73	77	80	84
419 to 465	77	80	84	87	91

BSR/ASHRAE/ASHE Addendum m
to ANSI/ASHRAE/ASHE Standard 189.3-2021

Publication Draft

Proposed Addendum m to Standard 189.3-2021, Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities

(Draft shows Proposed Changes to Current Standard)

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

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FOREWORD

Addendum m updates the normative and informative references.

Note: 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 m to Standard 189.3-2021

Modify Section 12 Normative References as follows:

Reference	Title	Section
Advancing Safety in Medical Technology (AAMI) 4301 N. Fairfax Drive, Suite 301 Arlington, VA 22203-1633, United States 1-703-525-4890 http://www.aami.org		
ANSI/AAMI ST58:2013 (R2018)	Chemical Sterilization and High-Level Disinfection in Health Care Facilities	11.3.3.3
American Conference of Governmental Industrial Hygienists (ACGIH) 1330 Kemper Meadow Drive Cincinnati, OH 45240, United States 1-513-742-2020 http://www.acgih.org		
2024 ~~2014~~ TLVs® and BEIs	Threshold Limit Values for Chemical Substances and Physical Agents (TLV)	11.3.3.3, 11.4.2.4
American Society of Mechanical Engineers (ASME) Three Park Avenue New York, NY 10016-5990 United States 1-800-843-2763 and 1-973-882-1170 http://www.asme.org		
ASME A112.18.1-2018 ~~2005~~/CSA B125.1-05	Plumbing Supply Fittings	6.3.2.1
ASME A112.19.2-2018 ~~2008~~/CSA B45.1-08	Vitreous China Plumbing Fixtures and Hydraulic Requirements for Water Closets and Urinals	6.3.2.1
ASME A112.19.14-2013 (R2018) ~~2006~~	Six Liter Water Closets Equipped With a Dual Flushing Device	6.3.2.1
ASME A112.19.19-2016 (R2021) ~~2006~~	Vitreous China Nonwater Urinals	6.3.2.1
~~**Antelope Valley Air Quality Management District (AVAQMD) 43301 Division Street, Suite 206 Lancaster, CA 93535, United States 1-661-723-8070 https://avaqmd.ca.gov/**~~ **South Coast Air Quality Management District 21865 Copley Dr. Diamond Bar, CA 91765 https://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1406.pdf**		
Rule 1406-1994	Control of Dioxin Emissions from Medical Waste Incinerators	11.3.1.3

ASHRAE **180 Technology Parkway NW** **Peachtree Corners, GA 30092, United States 1-404-636-8400** **http://www.ashrae.org**		
ANSI/ASHRAE/IES Standard 90.1-2022 ~~2019~~	Energy Standard for Buildings Except Low-Rise Residential Buildings	7.4.2.1, 7.4.3, 7.4.3.5, 7.4.3.6.1, 7.4.3.7, 7.4.3.10.3, 7.4.6, Exception to 7.5.1
ANSI/ASHRAE/ASHE Standard 170-2021 ~~2017~~	Ventilation of Health Care Facilities	7.4.3, Exceptions to 7.4.3.5 and 7.4.3.7, 8.3.1, Exception to 8.3.1.4.1, 8.4.2.1.1, 8.4.2.2.1, 8.4.2.3.1, 8.4.2.5.2.1, 8.4.2.6.1
ANSI/ASHRAE/USGBC/IES Standard 189.1-2023 ~~2020~~	Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings	4.1, 4.2, 5.2, 6.2, 6.3.4, 7.2, 7.3, 7.3.4, 7.4, 7.4.5.1, 7.4.6.1, 7.4.6.3.1, 7.5.1, 7.5.2, 8.2, Exception to 8.3.1.2.2, Exception to 8.3.1.10, 9.2, 9.3.1.2, 10.2, 10.3.2, 10.10
The Business and Institutional Furniture Manufacturer's Association (BIFMA) **678 Front Avenue NW, Suite 150** **Grand Rapids, MI 49504-5368, United States** **1-616-285-3963** **http://www.bifma.org email@bifma.org**		
ANSI/BIFMA M7.1	Standard Test Method for determining VOC Emissions from Office Furniture Systems, Components and Seating	8.4.2.5.1, 8.4.2.5.2
ANSI/BIFMA e3-2019 ~~2008~~	Furniture Sustainability Standard	8.4.2.5.1
Facility Guidelines Institute (FGI) 350 N. Saint Paul St., Suite 100 Dallas, TX 75201, United States 800-242-2626 **http://www.fgiguidelines.org**		
Version 2022 ~~2018~~	Guidelines for the Design and Construction of Hospitals	8.3.3, 8.4.2.1.1, 8.4.2.2.1, 8.4.2.3.1, 8.4.2.5.2.1, 8.4.2.6.1
Version 2022 ~~2018~~	Guidelines for the Design and Construction of Outpatient Facilities	8.3.3,8.4.2.1.1, 8.4.2.2.1,8.4.2.3.1,8.4.2.5.2.1, 8.4.2.6.1,11.3.4.1
Version 2022 ~~2018~~	Guidelines for the Design and Construction of Residential Health, Care, and Support Facilities	8.3.3, 8.4.2.1.1, 8.4.2.2.1, 8.4.2.3.1, 8.4.2.5.2.1, 8.4.2.6.1
Version 2022 ~~2018~~	Materials and Resources in the Guidelines for Design and Construction of Residential Health, Care, and Support Facilities	11.3.4.1
https://fgiguidelines.org/resource/sustainable-design-guidelines-for-hospitals-and-outpatient-facilities-a-white-paper (2014)	Sustainable Design Guidelines for Hospitals and Outpatient Facilities: A White Paper	11.3.4.1
Green Seal (GS) **1001 Connecticut Avenue, NW, Suite 827** **Washington, DC 20036-5525, United States 1-202-872-6400** **http://www.greenseal.org**		

GS-34, September 8 ~~1~~, 2017 ~~2011~~	Cleaning and Degreasing Agents Edition 2.2	10.9.5
GS-37, June ~~July~~ 23 ~~12~~, 2022 ~~2012~~	Cleaning Products for Industrial and Institutional Use Edition 7.8	10.9.5
GS-40, ~~September 1, 2011~~ July 31, 2020	Floor-Care Products for Industrial and Institutional Use Edition 2.5	10.9.5
GS-42, ~~October 14, 2011~~ July 7, 2015	Commercial and Institutional Cleaning Services Edition 2.3	10.9.5
International Association of Plumbing and Mechanical Officials (IAPMO) 4755 E. Philadelphia Street Ontario, CA 91761, United States 1-909-472-4100 http://www.iapmo.org		
IAPMO/ANSI Z124.4.9- ~~2004~~ 2022e1	Plastic Urinal Fixtures	6.3.2.1
The Joint Commission One Renaissance Road Oakbrook Terrace, IL 60181, United States 1-630-792-5000 http://www.jointcommission.org		
Standard 3.10	Environment of Care	10.10.3.1
Underwriters Laboratories Inc. (UL) 333 Pfingsten Road Northbrook, IL 60062, United States 1-847-272-8800 http://www.ul.com cec.us@us.ul.com		
UL EcoLogo 2759-2016 ~~2011~~	Hardsurface Cleaners	10.9.5
UL EcoLogo 2777-2016 ~~2011~~	Floor Care Products	10.9.5
UL EcoLogo 2792-2016 ~~2012~~	Cleaning and Degreasing Compounds: Biologically-Based	10.9.5
UL EcoLogo 2794-2012	Disinfectants and Disinfectant Cleaners	10.9.5
UL EcoLogo 2795-2016 ~~2012~~	Carpet and Upholstery Cleaners	10.9.5
U.S. Government Printing Office (GPO) 732 North Capitol Street, NW Washington, DC 20401-0001, United States 202.512.1800 http://www.gpo.gov		
Title 42—The Public Health And Welfare	Chapter 134—Energy Policy, Subchapter I—Alternative Fuels-General, Sec. 13211—Definitions	11.4.1.1
U.S. Department of Health and Human Services Centers for Disease Control and Prevention (CDC) Healthcare Infection control Practices Advisory committee (HICPAC) 1600 Clifton Rd. Atlanta, GA 30333, United States 1 800-CDC-INFO (800-232-4636) http://www.cdc.gov		

CDC Guidelines (2008)	Guideline for Disinfection and Sterilization in Healthcare Facilities, 2008	11.3.3.3
CDC Guidelines (2003)	Guidelines for Environmental Infection Control	J7
Bulletin 52 (1997)	Ethylene Oxide Sterilizers in Health Care Facilities: Engineering Controls and Work Practices	11.3.3.3
U.S. Department of Labor Occupational Safety and Health Administration (OSHA) 200 Constitution Ave., NW Washington, DC 20210, United States 1-800-321-OSHA (6742) http://www.osha.gov		
Standard 29 CFR 1910.1047	Part 1910 Occupational Safety and Health Standards—Subpart 1047—Ethylene Oxide.	11.3.3.3., 11.4.2.4
U.S. Environmental Protection Agency (USEPA) Office of Wastewater Management (4204M) 1200 Pennsylvania Avenue NW Washington, DC 20460, United States 1-866-987-7367 http://www.epa.gov/watersense		
Version 1.2 (2014)	WaterSense Tank-Type High Efficiency Toilet Specifications	6.3.2.1(a) and (b)
Version 1.0 (2007)	Standards Of Performance For New Stationary Sources	6.3.2.1(f)
40 CFR Part 40—Chapter 1, Subchapter N, Part 460 Protection of Environment, Chapter 1—	Environmental Protection Agency, Subchapter N— Effluent Guidelines and Standards, Part 460—Hospital Point Source Category	10.10.1
40 CFR Part 60 (2013)	Standards Of Performance For New Stationary Sources	11.3.1.3
40 CFR Part 112 (2013)	Spill Prevention Control Countermeasures Regulations (SPCC)	10.10.3, 11.3.3.2
Modify Informative Appendix A as follows: INFORMATIVE APPENDIX A	INFORMATIVE REFERENCES	

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ANSI/ASHRAE Standard 62.1-2022 ~~2019~~	Ventilation for Acceptable Indoor Air Quality	Foreword

BSR/ASHRAE/ASHE Addendum n
to ANSI/ASHRAE/ASHE Standard 189.3-2021

Public Review Draft

Proposed Addendum n to Standard 189.3-2021, Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities

(Draft shows Proposed Changes to Current Standard)

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FOREWORD

Addendum n makes two main changes. 189.1 removed the alternate renewables approach for compliance, and is keeping the standard renewables approach. This change updates the Table 7.4.1.1 for Renewable Energy Requirements by removing the alternate approach columns.
189.1 made updates to section 7.5 and tables 7.5.1 and 7.5.2 (in addendum m and ay) and table 7.5.2.2.1 (in addendum az) to provide consistent stringency with prescriptive energy requirements in sections 7.1 through 7.4, which reference standard 90.1-2022. To be consistent, we are updating our tables, and making converting them to vertical versions to fit into the standard similar to 189.1. In addition, tables got moved to section 7.6, so we are making that change to the document to match. Hospital and Specialized Outpatient Facility category values match with Hospital values listed in ASHRAE Standard 189.1-2023. Residential Health Facility values align with multifamily category values listed in ASHRAE Standard 189.1-2023. General Outpatient Facility values match with the Office category values listed in ASHRAE Standard 189.1-2023.
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Addendum n to Standard 189.3-2021

Change Table 7.4.1.1 as follows:

Table 7.4.1.1 Renewable Energy Requirement

	Standard Renewables Approach		~~**Alternate Renewables Approach**~~	
Building Type	**kBtu/ft²·year**	**kW/m²·year**	~~**kBtu/ft²·year**~~	~~**kW/m²·year**~~
Hospital	40	126	~~36~~	~~113~~
Residential health facility [a]	22	68	~~20~~	~~62~~
Specialized outpatient facility	38	120	~~34~~	~~107~~
General outpatient facility	14	44	~~13~~	~~40~~

a. [189.3] **Exception:** Applicable for new construction only.

Modify section 7.5.1 as follows:

7.5.1 Annual Energy Cost

a. Follow Standard 189.1 Section 7.5.1, “Annual Energy Cost,” except that building performance factor (BPF) shall be taken from Table 7.6.1 of this standard.

Modify section 7.5.2 as follows:

7.5.2 Zero ~~Annual~~ Carbon ~~Dioxide Equivalent (CO2e)~~ Emission Factor (zCEF). Follow Standard 189.1 Section 7.5.2, "Zero ~~Annual~~ Carbon ~~Dioxide Equivalent (CO2e)~~ Emission Factor (zCEF)," except that PCI target shall be determined in accordance with Standard 189.3 Section 7.5.1, "Annual Energy Cost."

Add modifications with new Building Types and values *to Table 7.6.1 and 7.62:*

Table 7.6.1 Building Performance Factors for Cost (BPFc) and Renewable Fraction (RFc)

		Building Type			
	Climate Zone	Hospital	Residential Health Facility	Specialized Outpatient Facility	General Outpatient Facility
Building Performance Factor for Cost	0A	0.62	0.69	0.62	0.51
	0B	0.60	0.68	0.60	0.52
	1A	0.63	0.72	0.63	0.50
	1B	0.60	0.69	0.60	0.51
	2A	0.60	0.73	0.60	0.46
	2B	0.56	0.73	0.56	0.47
	3A	0.57	0.74	0.57	0.45
	3B	0.57	0.76	0.57	0.48
	3C	0.54	0.68	0.54	0.40
	4A	0.58	0.74	0.58	0.45
	4B	0.56	0.75	0.56	0.46
	4C	0.53	0.74	0.53	0.43
	5A	0.57	0.73	0.57	0.48
	5B	0.54	0.76	0.54	0.48
	5C	0.55	0.75	0.55	0.46
	6A	0.58	0.72	0.58	0.49
	6B	0.57	0.73	0.57	0.49
	7	0.59	0.71	0.59	0.48
	8	0.60	0.73	0.60	0.52
Renewable Fraction		0.35	0.50	0.35	0.50

Table 7.6.2 Building Performance Factors for Emissions (BPFe) and Renewable Fraction (RFe)

		Building Type			
	Climate Zone	Hospital	Residential Health Facility	Specialized Outpatient Facility	General Outpatient Facility
Building Performance Factor for Greenhouse Gas Emissions	0A	0.63	0.68	0.63	0.51
	0B	0.61	0.67	0.61	0.53
	1A	0.63	0.71	0.63	0.51
	1B	0.60	0.69	0.60	0.51
	2A	0.60	0.71	0.60	0.46
	2B	0.57	0.71	0.57	0.48
	3A	0.48	0.74	0.48	0.46
	3B	0.47	0.72	0.47	0.48
	3C	0.56	0.66	0.56	0.41
	4A	0.59	0.68	0.59	0.43
	4B	0.57	0.70	0.57	0.46
	4C	0.55	0.67	0.55	0.43

	5A	0.58	0.65	0.58	0.46
	5B	0.56	0.68	0.56	0.48
	5C	0.58	0.67	0.58	0.47
	6A	0.60	0.64	0.60	0.47
	6B	0.60	0.65	0.60	0.49
	7	0.61	0.62	0.61	0.46
	8	0.63	0.64	0.63	0.49
Renewable Fraction		0.35	0.50	0.35	0.50

Add modifications with new Building Types and values Table 7.6.2.2.1

Table 7.6.2.2.1 Building Performance Factors for Emissions (BPFE) and Renewable Fraction (RFE) for Use with LRMER

		Building Type			
	Climate Zone	**Hospital**	**Residential Health Facility**	**Specialized Outpatient Facility**	**General Outpatient Facility**
Building Performance Factor for Greenhouse Gas Emissions	**0A**	0.63	0.70	0.63	0.51
	0B	0.63	0.70	0.63	0.51
	1A	0.63	0.70	0.63	0.51
	1B	0.63	0.70	0.63	0.51
	2A	0.60	0.70	0.60	0.47
	2B	0.59	0.68	0.59	0.49
	3A	0.58	0.72	0.58	0.47
	3B	0.60	0.64	0.60	0.49
	3C	0.63	0.57	0.63	0.44
	4A	0.58	0.63	0.58	0.43
	4B	0.59	0.59	0.59	0.47
	4C	0.60	0.51	0.60	0.43
	5A	0.59	0.60	0.59	0.45
	5B	0.59	0.54	0.59	0.47
	5C	0.68	0.49	0.68	0.49
	6A	0.61	0.57	0.61	0.46
	6B	0.65	0.52	0.65	0.47
	7	0.64	0.53	0.64	0.43
	8	0.63	0.62	0.63	0.49
Renewable Fraction		0.35	0.50	0.35	0.50

BSR/ASHRAE/ASHE Addendum o
to ANSI/ASHRAE/ASHE Standard 189.3-2021

Publication Draft

Proposed Addendum o to Standard 189.3-2021, Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities

(Draft shows Proposed Changes to Current Standard)

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

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FOREWORD

Addendum o modifies Section 10, "Construction and Plans for Operation," which was previously modified by published Addendum ao to ASHRAE/ICC/USGBC/IES Standard 189.1-2020. Standard 189.3 maintains a majority of the content from the ASHRAE 189.1 addendum's modifications however it reflects the "construction and plans for operation" addressed in ANSI/ASHRAE/ASHE 170. It also excludes counting patients as occupants due to their transitory presence in the building.

Note: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) and 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 o to Standard 189.3-2021

Modify Section 10.4.2 as follows:

10.4.2 IAQ Construction Management and System Startup. The project shall comply with ANSI/ASHRAE/ASHE 170 Section 10.1

Modify section 10.10.8

10.10.8 Indoor Environmental Quality Survey and Response to Occupants. Occupant (excluding all patients) responses to indoor environmental quality shall be monitored in accordance with the following:

10.10.8.1 An IEQ survey of all occupants of the building shall be conducted at an interval of not more than three years. The initial survey shall be performed within six months of initial occupancy.

10.10.8.2 The survey questions shall include satisfaction and diagnostic questions addressing IEQ, lighting, acoustics, and thermal comfort. The survey questions shall use a seven-point satisfaction scale and comply with ANSI/ASHRAE Standard 55, Section 7.3.1.1.

10.10.8.3 A plan for reporting the survey results shall be provided that includes the following:

a. The survey report shall state where the response rate was less than the response rates specified in ASHRAE Standard 55, Section 7.3.1.

b. The survey report shall indicate the percentage of satisfaction for each question in accordance with ASHRAE Standard 55, Section 7.4.1(a).

c. The percentage satisfaction results shall be compared to a nationally recognized survey benchmarking database where the building occupancy category is represented in the databases of nationally recognized organizations.

10.10.8.4 Occupant Response. An occupant complaint and response program for IEQ shall be implemented.

BSR/ASHRAE/IES Addendum aa
to ANSI/ASHRAE/IES Standard 90.1-2022

Public Review Draft

Proposed Addendum aa to Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings

First Public Review (October 2024)
(Draft Shows Proposed Changes to Current Standard)

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

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FOREWORD

This addendum modifies the purpose and scope of the Standard to establish requirements and set criteria for considering building and site operational GHG emissions. In July 2022, ASHRAE issued a position document on building decarbonization and its role in mitigating the negative carbon impact of buildings on the environment. ASHRAE states that by 2030, the global built environment must at least halve its 2015 greenhouse gas (GHG) emissions, with all new buildings being net-zero GHG emissions in operation. Increasing stringency and enforcement of energy codes are critical for decarbonization. This addendum supports and furthers ASHRAE goals.

[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 aa to 90.1-2022

1. PURPOSE

1.1 To establish the minimum *energy efficiency* requirements of *buildings* other than *low-rise residential buildings*, and *sites* for

a. design, *construction*, and a plan for operation and maintenance; and
b. utilization of ~~*on-site*~~ *renewable energy* ~~resources~~ *resources*.

1.2 To establish requirements that reduce greenhouse gas emissions associated with the operation and use of *buildings* and *sites.*

2. SCOPE

2.1 This standard provides

a. minimum *energy*-efficient requirements for the design and *construction*, and a plan for operation and maintenance of,
   1. new *buildings* and their *systems*,
   2. new portions of *buildings* and their *systems*,
   3. new *systems* and *equipment* specifically identified in this standard that are part of a *site*,
   4. new *systems* and *equipment* in *existing buildings*, and
   5. new *equipment* or *building systems* specifically identified in this standard that are part of *process*

applications;

b. criteria for reducing greenhouse gas emissions associated with the operation and use of *buildings* and *sites,* and *systems* and *equipment* identified in Section 2.1a;

c. ~~b.~~ criteria for controlling *systems* in the *building* or on the *site* that modify *energy* usage based on communication with *energy* suppliers to facilitate the use of lower greenhouse gas ~~-~~emissions energy sources; and

d. ~~c.~~ criteria for determining compliance with these requirements.

BSR/ASHRAE/IES Addendum ap
to ANSI/ASHRAE/IES Standard 90.1-2022

Public Review Draft

Proposed Addendum ap to Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings

First Public Review (October 2024)
(Draft Shows Proposed Changes to Current Standard)

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

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FOREWORD

This addendum modifies the scope of the Standard to cover the installation of electric vehicle service equipment (EVSE).

In July 2022, ASHRAE issued a position document on building decarbonization and its role in mitigating the negative carbon impact of buildings on the environment. ASHRAE states that by 2030, the global built environment must at least halve its 2015 greenhouse gas (GHG) emissions, with all new buildings being net-zero GHG emissions in operation. Increasing stringency and enforcement of energy codes are critical for decarbonization. This addendum supports and furthers ASHRAE goals.

[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 ap to 90.1-2022

1. PURPOSE

1.1 To establish the minimum *energy efficiency* requirements of *buildings* other than *low-rise residential buildings*, and *sites* for

a. design, *construction*, and a plan for operation and maintenance; and
b. utilization of *on-site renewable energy* resources.

2. SCOPE

2.2 This standard provides

a. minimum *energy*-efficient requirements for the design and *construction*, and a plan for operation and maintenance of,
    1. new *buildings* and their *systems*,
    2. new portions of *buildings* and their *systems*,
    3. new *systems* and *equipment* specifically identified in this standard that are part of a *site*,
    4. new *systems* and *equipment* in *existing buildings*, and
    5. new *equipment* or *building systems* specifically identified in this standard that are part of *process applications.*

b. criteria for controlling *systems* in the *building* or on the *site* that modify *energy* usage based on communication with *energy* suppliers to facilitate the use of low-emissions energy sources; and

c. criteria for energy transfer infrastructure to support transportation; and

d~~e.~~ criteria for determining compliance with these requirements.

…

NOTE: Addendum CA – added [b. criteria for controlling systems in the building or on the site that modify energy usage based on communication with energy suppliers to facilitate the use of low-emissions energy sources; and]

Addendum AA – TPS Changes for GHG Emissions

1. PURPOSE

1.1 To establish the minimum *energy efficiency* requirements of *buildings* other than *low-rise residential buildings*, and *sites* for

a. design, *construction*, and a plan for operation and maintenance; and
b. utilization of ~~*on-site*~~ *renewable energy* ~~resources~~*resources*.

1.2 To establish requirements that reduce greenhouse gas emissions associated with the operation and use of *buildings* and *sites.*

2. SCOPE

2.1 This standard provides

a. minimum *energy*-efficient requirements for the design and *construction*, and a plan for operation and maintenance of,
   6. new *buildings* and their *systems*,
   7. new portions of *buildings* and their *systems*,
   8. new *systems* and *equipment* specifically identified in this standard that are part of a *site*,
   9. new *systems* and *equipment* in *existing buildings*, and
   10. new *equipment* or *building systems* specifically identified in this standard that are part of *process applications;*

b. criteria for reducing greenhouse gas emissions associated with the operation and use of *buildings* and *sites, systems* and *equipment* identified in Section 2.1a; and

c.~~b.~~ criteria for controlling *systems* in the *building* or on the *site* that modify *energy* usage based on communication with *energy* suppliers to facilitate the use of lower greenhouse gas ~~-~~emissions energy sources; and

d~~e.~~ criteria for determining compliance with these requirements.

DRAFT PDS-02
RESNET/ICC 380-202x Update

Modify the text of the following sections of draft PDS-01 RESNET/ICC 380-202x as shown with strike-through and underline text in red print.

5.2.7. Openings for Ventilation air within the duct system shall be treated in accordance with Sections 5.2.7.1 through 5.2.7.4.

Exception: ~~If the test is being conducted for a purpose other than to complete an Energy Rating Index Energy Rating in accordance with ANSI/RESNET/ICC 301,[1] and~~ If the authority having jurisdiction allows openings for ventilation air to not have a damper, and the entity requiring use of this standard does not otherwise prohibit it, then such openings are permitted to be sealed for the duration of the test.

5.2.7.1. Each continuously-operating Dwelling Unit Mechanical Ventilation System connected to the duct system shall be sealed[2] for the duration of the test at the inlet terminal for that fan[3] at a location within the Ventilation or exhaust duct, at the Ventilation or exhaust equipment itself, or at the outlet terminal for that fan, whichever is accessible. The sealing location selected shall be documented.

5.2.7.2. All intermittently operating Dwelling Unit Mechanical Ventilation Systems connected to the duct system shall not be sealed, including such systems that control the HVAC fan.

5.2.7.3. If a continuously operating Exhaust Ventilation System is present in the Dwelling Unit, all outdoor air intakes with an operable shutoff damper[4] connected to the duct system and other operable Ventilation air openings connected to the duct system shall be placed in their closed position for the duration of the test, but shall not be sealed.

5.2.7.4. Ventilation air openings connected to the duct system besides those listed in Section 5.2.7.3 shall be left in their as-found position and shall not be sealed.

5.4.2 Duct leakage to outside test.

5.4.2.1. If ducts run outside the Infiltration Volume, including Attics, garages or crawl spaces, then any vents, access panels, doors or windows between those spaces and the outside shall be opened. All exterior doors and windows between the Infiltration Volume and the outside

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[1] ~~(Informative Note) For example, if the test is to comply with the prescriptive compliance option of a code.~~

[2] (Normative Note) A motorized damper placed in its closed position or a non-motorized damper pushed into its closed position during the test shall satisfy the intent of this section to seal the opening if it is located at one of the listed sealing locations. In such cases, additional sealing is permitted, but not required.

[3] (Informative Note) See Figure 1 in Chapter 6 for an illustration of the inlet terminal, ventilation duct, and outlet terminal. To provide an example of potential sealing locations, an inline fan connected to the return side of the HVAC System may be sealed at the exterior of the Dwelling Unit, at the filter slot of the inline fan, or where the ventilation duct terminates in the return duct of the HVAC System, whichever is accessible.

[4] (Informative Note) For example, a manual shutoff damper in a duct supplying outdoor air to the return side of the HVAC System shall be closed if a continuously operating local mechanical exhaust system or continuously-operating Exhaust Ventilation System is present.

shall be closed. Other openings to the outside with potential to hinder the ability of the air-moving fan to achieve an induced enclosure pressure difference of 25 Pa (0.1 in. H_2O) with reference to the outside shall be closed or covered in some manner. Any vents, access panels, doors, or other movable partitions that separate spaces within the Infiltration Volume ~~Interior doors~~ shall be opened.

5.4.2.2. With the air-moving fan for the enclosure and the duct leakage tester sealed and turned off, one measurement of the pressure difference across the enclosure shall be recorded with the outside as the reference. The measurement shall represent the average value over at least a 10-second period and shall be defined as the Pre-Test Baseline Dwelling Unit Pressure.

6.1.8. Local mechanical exhaust or Dwelling Unit Mechanical Ventilation System. The fan of the local mechanical exhaust system or Dwelling Unit Mechanical Ventilation System under test shall be turned on. For Dwelling Unit Mechanical Ventilation Systems that use the Blower Fan of a Forced-Air HVAC System as their primary fan, this shall be accomplished according to Section 6.1.7.

6.1.8.1. If measuring the airflow through a microwave-integrated exhaust fan, the Rater is permitted to tape off all air inlets except at the bottom.

6.1.9. Other fans. Any other fans that could change the pressure in either the Conditioned Space Volume or any spaces containing the ducts of the Dwelling Unit Mechanical Ventilation System or local mechanical exhaust system[5] under test shall be turned off.

[5](Informative Note) For example, clothes dryers, Attic fans.

UL 60335-2-34, Standard for Household and Similar Electrical Appliances - Safety - Part 2-34: Particular requirements for motor-compressors

1. ANSI approval of the 7th edition of UL 60335-2-34.

PROPOSAL

1DV DR *Modification by replacing Clause 1 of the Part 2 with the following:*

This International Standard deals with the safety of sealed (hermetic and semi-hermetic type) MOTOR-COMPRESSORS, their protection and control systems, if any, which are intended for use in equipment for household and similar purposes and which conform with the standards applicable to such equipment. It applies to MOTOR-COMPRESSORS tested separately, under the most severe conditions that may be expected to occur in normal use, their rated voltage being not more than 15 000, single or multi-phase and direct current (DC). MOTOR-COMPRESSORS covered by this standard are intended for use in accordance with:

- **CSA C22.1, Canadian Electrical Code, Part I, in Canada;**

- **NFPA 70, National Electrical Code (NEC), in the United States.**

This standard is unique in that it applies to MOTOR-COMPRESSORS which are components used within an end-use appliance having its own safety certification standard. Thus, this standard does not distinguish whether a specific MOTOR-COMPRESSOR is intended for use in household, commercial or industrial applications. MOTOR-COMPRESSOR usage is defined by the end-use standard.

MOTOR-COMPRESSORS with a rated voltage from 600 to 15 000 V shall use Annex 101.DVI together with other relevant requirements in this standard ~~for guidance~~.

This standard also covers

- **multi-speed MOTOR-COMPRESSORS, that are MOTOR-COMPRESSORS, the speed of which can be set to different values;**

- **variable capacity MOTOR-COMPRESSORS, that are MOTOR-COMPRESSORS where the capacity of the compressor is controlled at fixed speeds;**

- **MOTOR-COMPRESSORS used in an appliance not intended for normal household use but which nevertheless can be a source of danger to the public. These appliances are intended to be used by lay people in shops, in light industry, farms, and similar applications.**

NOTE 101 Examples of equipment which contain MOTOR-COMPRESSORS are,

- **tumble dryers (IEC 60335-2-11);**

- **refrigerating appliances, ice-cream appliances and ice-makers (CSA C22.2 No. 60335-2-24/ UL 60335-2-24);**

- **electrical heat pumps, air-conditioners, and dehumidifiers (CSA C22.2 No. 60335-2-40/ UL 60335-2-40);**

- **commercial dispensing appliances and vending machines (IEC 60335-2-75);**

– commercial refrigerating appliances and ice makers with an incorporated or remote refrigerant unit or compressor (CSA C22.2 No. 60335-2-89/ UL 60335-2-89).

– electrical equipment for measurement, control, and laboratory use (CSA C22.2 No. 61010-2-011/ UL 61010-2-011);

– professional ice-cream makers (IEC 60335-2-118);

– refrigerating systems and heat pumps (ISO 5149-2).

This standard does not supersede the requirements of standards relevant to the particular appliance in which the MOTOR-COMPRESSOR is used. However, if the MOTOR-COMPRESSOR type used complies with this standard, the tests for the MOTOR-COMPRESSOR specified in the particular appliance standard may not need to be made in the particular appliance or assembly. If the MOTOR-COMPRESSOR CONTROL SYSTEM is associated with the particular appliance control system, additional tests could be necessary on the final appliance.

So far as is practical, this standard deals with the common hazards presented by MOTOR-COMPRESSORS used in appliances which are encountered by all persons in and around the home. However, it does not in general take into account

– the use of appliances by young children or infirm persons without supervision;

– playing with the appliances by young children.

NOTE 102 Attention is drawn to the fact that

– for MOTOR-COMPRESSORS intended to be used in appliances in vehicles or on board ships, additional requirements could be necessary;

– in many countries, additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour and similar authorities.

This standard does not apply to

– MOTOR-COMPRESSORS used in appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas).

NOTE 103 If MOTOR-COMPRESSORS for refrigerant R-744 used in appliances with a TRANSCRITICAL REFRIGERATION SYSTEM are equipped with PRESSURE RELIEF DEVICES, compliance with the requirements for these devices is checked during the tests on the final appliance.

101.DVI.4.1 A representative sample of a FORM WOUND MOTOR or a RANDOM WOUND MOTOR shall withstand without breakdown for a period of 1 minute each, a 50 to 60 Hz ac potential equal to

a) the maximum voltage rating of the motor applied between coil windings as well as between coil windings and dead metal parts; and

~~b)~~ **500 V applied between the turn-to-turn windings ~~in accordance with IEC 61180-1. See Table 1 of C22.2 No. 253 or UL 347~~.**

101.DVI.4.2 The test in Clause 101.DVI.4.1 shall be conducted at the Column 2, Common value test voltage based on the rated voltage (Column 1) of the MOTOR-COMPRESSOR in accordance with Table 1, "Rated insulation levels for rated voltages", of CSA C22.2 No. 253 or UL 347.

101.DVJ.2 Hydrostatic strength testing of internal motor protective devices

A motor PROTECTIVE DEVICE located within the MOTOR-COMPRESSOR HOUSING shall be subjected to the test specified below. Following this test, the PROTECTIVE DEVICE shall not be structurally damaged. In addition, the maximum allowable operating (opening) and reset (closing) temperature

a) deviation shall not exceed 8 K of the test value between the two PROTECTIVE DEVICE samples, and

b) drift shall not exceed 5 % of the test value of the specific PROTECTIVE DEVICE sample.

If the operating and reset temperatures of a PROTECTIVE DEVICE have not been declared, one sample PROTECTIVE DEVICE shall be mounted within an air oven having a forced air circulation velocity of not less than 0,51 m/s and designed to nullify the effects of radiation. The oven temperature shall be measured at a location immediately adjacent to the PROTECTIVE DEVICE. Operating and reset temperature shall be indicated by a continuity indicating circuit that does not influence operation of the PROTECTIVE DEVICE.

Temperatures of all PROTECTIVE DEVICE parts shall be maintained at equilibrium. The oven temperature shall then be increased at a rate of not greater than 0,5 K per minute until the PROTECTIVE DEVICE operates. Oven equilibrium conditions shall then be re-established. The oven temperature shall then be decreased at a rate of not greater than 0,5 K per minute until the PROTECTIVE DEVICE resets.

The test shall be repeated on the same sample PROTECTIVE DEVICE. The test shall then be conducted using a second sample PROTECTIVE DEVICE.

NOTE If the operating and reset temperatures of a PROTECTIVE DEVICE have been declared, then determining the operating and reset temperatures prior to the pressure test is not required.

The two samples of the PROTECTIVE DEVICE shall then be placed within a container completely filled with an incompressible, inert fluid to exclude all air, and connected to a hydraulic pump system.

The container pressure shall be raised gradually and maintained for 1 minute at a pressure of not less than 2 times ~~120 %~~ the MAXIMUM ALLOWABLE PRESSURE (PS).

The air oven temperature test as specified above shall then be conducted on each sample PROTECTIVE DEVICE following the pressure test.