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Project Initiation Notification System (PINS)

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

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

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

ANS (American Nuclear Society)

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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))

Stakeholders: Nuclear vendors, nuclear utilities, regulatory agencies & consultants.

Project Need: Because of plant life extension, the materials in regions beyond the traditional vessel beltline are being exposed to a higher neutron fluence and therefore increasing chance of embrittlement. To determine the neutron fluence in such regions the traditional particle transport methodologies may not be sufficiently accurate, and new methodologies may be required. The revised standard introduces different approaches for performing detailed 3-D transport calculations.

Interest Categories: Architect-Engineer, Consultant, Government Agency, Individual, National Laboratory/Government Facility, Society, University.

Scope: 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).

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

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Revision

BSR/ASHRAE Standard 29-202x, Method of Testing Automatic Ice Makers (revision of ANSI/ASHRAE Standard 29-2018)

Stakeholders: Commercial ice maker manufacturers.

Project Need: Revisions are needed as this is cited in government regulations.

Interest Categories: User, Producer, General.

Scope: This standard prescribes a method of testing automatic ice makers by: (a) specifying procedures to be used when testing automatic ice makers, (b) establishing the types of equipment to which the provisions of the standard apply, (c) defining terms describing the equipment covered and terms related to testing, (d) specifying the type of instrumentation and test apparatus required in testing, (e) specifying a uniform method for calculation of results, and (f) specifying data and results to be recorded.

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

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Revision

BSR/ASHRAE Standard 158.2-202x, Methods of Testing Capacity for Refrigerant Pressure Regulators (revision and redesignation of ANSI/ASHRAE 158.2-2018)

Stakeholders: U.S. commercial HVAC manufacturers.

Project Need: Revisions are needed as producers use this standard to test pressure regulators.

Interest Categories: User, Producer, General.

Scope: This standard provides methods of determining the mass flow capacity of refrigerant pressure regulators with sufficient accuracy to facilitate proper engineering application of the device in systems operating at various conditions with various refrigerants by: (a) prescribing a method of measuring key flow and gradient characteristics of refrigerant pressure regulators using air or water as the working fluid, and (b) prescribing computational means to enable reliable prediction of refrigerant vapor and liquid mass flow capacity based on the measured flow and gradient characteristics.

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

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Revision

BSR/ASHRAE Standard 199-202x, Method of Testing the Performance of Industrial Pulse Cleaned Dust Collectors (revision of ANSI/ASHRAE Standard 199-2016)

Stakeholders: Test laboratories, dust collector manufacturers, general industry (dust collector end users).

Project Need: The standard has been in existence since 2016 and various test labs have input on improvements as well as procedural corrections and clarifications; revisions are necessary.

Interest Categories: User, Producer, General.

Scope: The purpose is to provide a quantitative laboratory test method for determining the performance of Industrial Pulse Cleaned Dust Collectors using a test dust.

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

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Revision

BSR/ASHRAE Standard 218-202x, Method of Test for Lubricant and Refrigerant Miscibility Determination (revision of ANSI/ASHRAE Standard 218-2019)

Stakeholders: Consumers; testing facilities; and manufacturers of lubricants, refrigerants, and HVAC components.

Project Need: There is a need to update the references in this standard and some of the language.

Interest Categories: User, Producer, General.

Scope: To establish a test procedure to determine the critical solution locus of miscible properties of a lubricant and refrigerant mixture.

ASTM (ASTM International)

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New Standard

BSR/ASTM WK81507-202x, New Specification for Standard Specification for Adhesives for Joining Poly(Vinyl Chloride) (PVC) Plastic DWV (Drain, Waste, & Vent) Pipe and Fittings (new standard)

Stakeholders: Joining industry.

Project Need: To reduce V.O.C. emissions, used to join PVC DWV pipe and fittings, plumbers and homeowners

Interest Categories: Producer, User, General Interest.

Scope: The development of specifications for plastic pipe, fittings, and appurtenances; practices for joining and installing plastic pipes; test methods; terminology, systems and services specific to plastic piping systems and the stimulation of related research. The work of the Committee may include the consideration of composite piping systems, and components which are partially plastic.

AWWA (American Water Works Association)

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New Standard

BSR/AWWA C5XX-202x, Non-Metallic (Composite Materials) Air-Release, Air/Vacuum, & Combination Air Valves for Water and Wastewater Service (new standard)

Stakeholders: Water treatment and supply industry. Water utilities, consulting engineers, water treatment equipment manufacturers, etc.

Project Need: Non-metallic Air-Release, Air/Vacuum, & Combination Air Valves have been installed throughout North America for decades, and the demand continues to increase. To date, there is no AWWA standard addressing these valves. The purpose of this standard is to provide the minimum requirements for non-metallic air-release valves, air/vacuum valves, and combination air valves for water and wastewater service, including material, design, testing, inspection, marking, and packaging for shipment.

Interest Categories: Producers, General Interest and User members.

Scope: The standard will set minimum requirements for air/vacuum valves and combination air valves having non-metallic/composite materials in contact with water or wastewater.

CSA (CSA America Standards Inc.)

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National Adoption

BSR/CSA LNG 3.13-202x, Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 13: Tank pressure control regulator (national adoption of ISO 12614-13 with modifications and revision of ANSI/CSA LNG 3.13-2018)

Stakeholders: Consumers, manufacturers, gas suppliers, certifying agencies.

Project Need: The Standard is an adoption with U.S. and Canadian deviations of the identically titled ISO Standard 12614-13. The ISO standard has been updated to a new edition and therefore the U.S. and Canadian deviations will be reviewed/revise to reflect new technologies and stakeholder input.

Interest Categories: Consumers, manufacturers, gas suppliers, certifying agencies.

Scope: This document specifies tests and requirements for the tank pressure control regulator, a liquefied natural gas fuel system component intended for use on the types of motor vehicles defined in CSA B109.2 (in Canada) and NFPA 52 (in the United States). It also provides general design principles and specifies requirements for instructions and marking. This Standard is not applicable to the following: (a) fuel containers; (b) stationary gas engines; (c) container mounting hardware; (d) electronic fuel management; and (e) fueling receptacles. It is recognized that miscellaneous components, not specifically covered in this Standard can be examined to meet the criteria of this Standard and tested according to the appropriate functional tests. All references to pressure in this Standard are to be considered gauge pressures unless otherwise specified. This Standard is based upon a working pressure for natural gas as fuel of 1.6 MPa (232 psi). Other working pressures can be accommodated by adjusting the pressure by the appropriate factor (ratio). For example, a 2 MPa (290 psi) working pressure system will require pressures to be multiplied by 1.25.

NOTE 3A: For North American application, all references to working pressure are considered to be equivalent to maximum allowable working pressure (MAWP).

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National Adoption

BSR/CSA LNG 3.14-202x, Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 14: Differential pressure fuel content gauge (national adoption of ISO 12614-14 with modifications and revision of ANSI/CSA LNG 3.14-2018)

Stakeholders: Consumers, manufacturers, gas suppliers, certifying agencies.

Project Need: The Standard is an adoption with U.S. and Canadian deviations of the identically titled ISO Standard 12614-14. The ISO standard has been updated to a new edition and therefore the U.S. and Canadian deviations will be reviewed/revise to reflect new technologies and stakeholder input.

Interest Categories: Consumers, manufacturers, gas suppliers, certifying agencies.

Scope: This document specifies tests and requirements for the differential pressure fuel content gauge, a liquefied natural gas fuel system component intended for use on the types of motor vehicles defined in CSA B109.2 (in Canada) and NFPA 52 (in the United States). It also provides general design principles and specifies requirements for instructions and marking. This Standard is not applicable to the following: (a) fuel containers; (b) stationary gas engines; (c) container mounting hardware; (d) electronic fuel management; and (e) fueling receptacles. It is recognized that miscellaneous components, not specifically covered in this Standard can be examined to meet the criteria of this Standard and tested according to the appropriate functional tests. All references to pressure in this Standard are to be considered gauge pressures unless otherwise specified. This Standard is based upon a working pressure for natural gas as fuel of 1.6 MPa (232 psi). Other working pressures can be accommodated by adjusting the pressure by the appropriate factor (ratio). For example, a 2 MPa (290 psi) working pressure system will require pressures to be multiplied by 1.25.

NOTE 3A: For North American application, all references to working pressure are considered to be equivalent to maximum allowable working pressure (MAWP).

CSA (CSA America Standards Inc.)

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National Adoption

BSR/CSA LNG 3.15-202x, Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 15: Capacitance fuel content gauge (national adoption of ISO 12614-15 with modifications and revision of ANSI/CSA LNG 3.15-2018)

Stakeholders: Consumers, manufacturers, gas suppliers, certifying agencies.

Project Need: The Standard is an adoption with U.S. and Canadian deviations of the identically titled ISO Standard 12614-15. The ISO standard has been updated to a new edition and therefore the U.S. and Canadian deviations will be reviewed/ revised to reflect new technologies and stakeholder input.

Interest Categories: Consumers, manufacturers, gas suppliers, certifying agencies.

Scope: This document specifies tests and requirements for the capacitance fuel content gauge, a liquefied natural gas fuel system component intended for use on the types of motor vehicles defined in CSA B109.2 (in Canada) and NFPA 52 (in the United States). It also provides general design principles and specifies requirements for instructions and marking. This Standard is not applicable to the following: (a) fuel containers; (b) stationary gas engines; (c) container mounting hardware; (d) electronic fuel management; and (e) fueling receptacles. It is recognized that miscellaneous components, not specifically covered in this Standard can be examined to meet the criteria of this Standard and tested according to the appropriate functional tests. All references to pressure in this Standard are to be considered gauge pressures unless otherwise specified. This Standard is based upon a working pressure for natural gas as fuel of 1.6 MPa (232 psi). Other working pressures can be accommodated by adjusting the pressure by the appropriate factor (ratio). For example, a 2 MPa (290 psi) working pressure system will require pressures to be multiplied by 1.25.

NOTE 3A: For North American application, all references to working pressure are considered to be equivalent to maximum allowable working pressure (MAWP).

CSA (CSA America Standards Inc.)

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National Adoption

BSR/CSA LNG 3.16-202x, Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 16: Heat exchanger vaporizer (national adoption of ISO 12614-16 with modifications and revision of ANSI/CSA LNG 3.16-2018)

Stakeholders: Consumers, manufacturers, gas suppliers, certifying agencies.

Project Need: The Standard is an adoption with U.S. and Canadian deviations of the identically titled ISO Standard 12614-1. The ISO standard has been updated to a new edition and therefore the U.S. and Canadian deviations will be reviewed/ revised to reflect new technologies and stakeholder input.

Interest Categories: Consumers, manufacturers, gas suppliers, certifying agencies.

Scope: This document specifies tests and requirements for the heat exchanger vaporizer, a liquefied natural gas fuel system component intended for use on the types of motor vehicles defined in CSA B109.2 (in Canada) and NFPA 52 (in the United States). It also provides general design principles and specifies requirements for instructions and marking. This Standard is not applicable to the following: (a) fuel containers; (b) stationary gas engines; (c) container mounting hardware; (d) electronic fuel management; and (e) fueling receptacles. It is recognized that miscellaneous components, not specifically covered in this Standard can be examined to meet the criteria of this Standard and tested according to the appropriate functional tests. All references to pressure in this Standard are to be considered gauge pressures unless otherwise specified. This Standard is based upon a working pressure for natural gas as fuel of 1.6 MPa (232 psi). Other working pressures can be accommodated by adjusting the pressure by the appropriate factor (ratio). For example, a 2 MPa (290 psi) working pressure system will require pressures to be multiplied by 1.25.

NOTE 3A: For North American application, all references to working pressure are considered to be equivalent to maximum allowable working pressure (MAWP).

CSA (CSA America Standards Inc.)

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National Adoption

BSR/CSA LNG 3.18-202x, Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 18: Gas temperature sensor (national adoption of ISO 12614-18 with modifications and revision of ANSI/CSA LNG 3.18-2018)

Stakeholders: Consumers, manufacturers, gas suppliers, certifying agencies.

Project Need: The Standard is an adoption with U.S. and Canadian deviations of the identically titled ISO Standard 12614-18. The ISO standard has been updated to a new edition and therefore the U.S. and Canadian deviations will be reviewed/ revised to reflect new technologies and stakeholder input.

Interest Categories: Consumers, manufacturers, gas suppliers, certifying agencies.

Scope: This document specifies tests and requirements for the gas temperature sensor, a liquefied natural gas fuel system component intended for use on the types of motor vehicles defined in CSA B109.2 (in Canada) and NFPA 52 (in the United States). It also provides general design principles and specifies requirements for instructions and marking. This Standard is not applicable to the following: (a) fuel containers; (b) stationary gas engines; (c) container mounting hardware; (d) electronic fuel management; and (e) fueling receptacles. It is recognized that miscellaneous components, not specifically covered in this Standard can be examined to meet the criteria of this Standard and tested according to the appropriate functional tests. All references to pressure in this Standard are to be considered gauge pressures unless otherwise specified. This Standard is based upon a working pressure for natural gas as fuel of 1.6 MPa (232 psi). Other working pressures can be accommodated by adjusting the pressure by the appropriate factor (ratio). For example, a 2 MPa (290 psi) working pressure system will require pressures to be multiplied by 1.25.

NOTE 3A: For North American application, all references to working pressure are considered to be equivalent to maximum allowable working pressure (MAWP).

CSA (CSA America Standards Inc.)

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National Adoption

BSR/CSA LNG 3.19-202x, Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 19: Automatic valve (national adoption of ISO 12614-19 with modifications and revision of ANSI/CSA LNG 3.19-2018)

Stakeholders: Consumers, manufacturers, gas suppliers, certifying agencies.

Project Need: The Standard is an adoption with U.S. and Canadian deviations of the identically titled ISO Standard 12614-19. The ISO standard has been updated to a new edition and therefore the U.S. and Canadian deviations will be reviewed/revise to reflect new technologies and stakeholder input.

Interest Categories: Consumers, manufacturers, gas suppliers, certifying agencies.

Scope: This document specifies tests and requirements for the automatic valve, a liquefied natural gas fuel system component intended for use on the types of motor vehicles defined in CSA B109.2 (in Canada) and NFPA 52 (in the United States). It also provides general design principles and specifies requirements for instructions and marking. This Standard is not applicable to the following: (a) fuel containers; (b) stationary gas engines; (c) container mounting hardware; (d) electronic fuel management; and (e) fueling receptacles. It is recognized that miscellaneous components, not specifically covered in this Standard can be examined to meet the criteria of this Standard and tested according to the appropriate functional tests. All references to pressure in this Standard are to be considered gauge pressures unless otherwise specified. This Standard is based upon a working pressure for natural gas as fuel of 1.6 MPa (232 psi). Other working pressures can be accommodated by adjusting the pressure by the appropriate factor (ratio). For example, a 2 MPa (290 psi) working pressure system will require pressures to be multiplied by 1.25.

NOTE 3A: For North American application, all references to working pressure are considered to be equivalent to maximum allowable working pressure (MAWP).

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 3001.9-202x, Recommended Practice for the Design of Power Systems Supplying Lighting Systems in Commercial and Industrial Facilities (new standard)

Stakeholders: Those responsible for the lighting of industrial and commercial power systems, including design professionals, owners and operators of industrial and commercial facilities, and manufacturers who sell related components and equipment.

Project Need: This new standard is part of a larger project to revise and reorganize the technical content of the 13 existing IEEE Color Books. Benefits of the project include, but are not limited to: (1) the elimination of duplicate material that now exists in the various color books, (2) the speeding up of the revision process by allowing Color Book content to be reviewed, edited, and balloted in smaller segments, and (3) to accommodate more modern, efficient, and cost-effective physical publishing/distribution methodologies (i.e., the elimination of large and expensive-to-produce books). This recommended practice is likely to be of greatest value to the power-oriented engineer with limited experience with such requirements. It can also be an aid to all engineers responsible for the electrical design of industrial and commercial power systems.

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

Scope: This recommended practice covers the design of power systems supplying lighting loads of industrial and commercial facilities. Common power system considerations specifically related to lighting loads are covered including voltage drop, transients, flicker, and circuiting recommendations for various applications. General fundamental concepts of lighting design including common light sources, control methods, and application techniques are discussed. Industry-recognized lighting design organizations and applicable lighting codes are discussed and identified as further resources for the lighting designer.

NCPDP (National Council for Prescription Drug Programs)

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New Standard

BSR/NCPDP Specialty Pharmacy Performance Metrics Standard V10-202x, NCPDP Specialty Pharmacy Performance Metrics Standard V10 (new standard)

Stakeholders: Specialty pharmacies, manufacturers, plans/payers/pharmacy benefit managers, and data aggregators

Project Need: The industry identified a need for a comprehensive way to supply pharmacy performance data to various stakeholders. Currently, this is done using a variety of proprietary formats and is cumbersome for pharmacies to comply.

Interest Categories: The Consensus Group represents a reasonable balance of interests which requires that no single membership classification constitutes a majority of the Consensus Group. There are 4 classes of membership: Producer/Provider, Payer/Processor, Vendor/General Interest, and Student.

Scope: This standard will allow specialty pharmacies to consistently exchange performance metrics data with trading partners and other entities, as needed to fulfill certain obligations. The standard will allow for flexibility in content provided, with segments populated when applicable.

NEMA (ASC C29) (National Electrical Manufacturers Association)

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Reaffirmation

BSR C29.8-2017 (R202x), Wet Process Porcelain Insulators - Apparatus, Cap and Pin Type (reaffirmation of ANSI C29.8-2017)

Stakeholders: Manufacturers, electric power utilities, HV transmission systems.

Project Need: To keep the standard current.

Interest Categories: Producer, User, and General Interest.

Scope: This standard covers outdoor high-voltage cap and pin type apparatus insulators made of wet-process porcelain and used in the transmission and distribution of electrical energy.

SCTE (Society of Cable Telecommunications Engineers)

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Reaffirmation

BSR/SCTE 23-2-2017 (R202x), Data-Over-Cable Systems 1.1 Baseline Privacy Plus Interface Specification (reaffirmation of ANSI/SCTE 23-2-2017)

Stakeholders: Cable Telecommunications Industry.

Project Need: Update Current Technology.

Interest Categories: General Interest, User, Producer.

Scope: The intent of this BPI+ specification is to describe MAC layer security services for DOCSIS® CMTS CM communications. BPI+ security goals are twofold: provide cable modem users with data privacy across the cable network and provide MSOs with service protection; i.e., prevent unauthorized users from gaining access to the network's RF MAC services. BPI+ provides a level of data privacy across the shared medium cable network equal to or better than that provided by dedicated line network access services (analog modems or digital subscriber lines). The protected RF MAC data communications services fall into three categories: best-effort, high-speed, IP data services QoS (e.g., constant bit rate) data services IP multicast group services.

SCTE (Society of Cable Telecommunications Engineers)

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Reaffirmation

BSR/SCTE 23-3 2017 (R202x), DOCSIS 1.1 Part 3: Operations Support System Interface (reaffirmation of ANSI/SCTE 23-3-2017)

Stakeholders: Cable Telecommunications Industry.

Project Need: Update Current Technology.

Interest Categories: General Interest, User, Producer.

Scope: This standard defines the Network Management requirements for support a DOCSIS 1.1 environment. More specifically, the specification details the SNMP v3 protocol and how it coexists with SNMP V1/V2. The RFCs and Management Information Base (MIB) requirements are detailed as well as interface numbering, filtering, event notifications, etc. Basic network management principals such as account, configuration, fault, and performance management are incorporated in this specification for better understanding of managing a high-speed cable modem environment.

SCTE (Society of Cable Telecommunications Engineers)

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New Standard

BSR/SCTE 278-202x, Standard Data Fields for Outside Plant Power (new standard)

Stakeholders: Cable Telecommunications Industry.

Project Need: Create a new American National Standard.

Interest Categories: General Interest, User, Producer.

Scope: This SCTE standard defines the attributes of hybrid fibre coax (HFC) outside plant power supply devices an operator should keep inventory of to accurately describe the power network. The data fields defined in this document are designed to capture all relevant unique characteristics of hybrid fibre coax powering devices. These attributes may be utilized to model utility power consumption, utility power versus inverter time, and over all power network performance in the outside plant. This document defines the outside plant from the outside wall of the hubsite (headend) to the distribution line end. This document will reference where, when, and how an operator should acquire the data and metadata.

Call for Comment on Standards Proposals

American National Standards

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

Comment Deadline: May 29, 2022

APCO (Association of Public-Safety Communications Officials-International)

351 N. Williamson Boulevard, Daytona Beach, FL 32114-1112 | apcostandards@apointl.org, www.apcolntl.org

Revision

BSR/APCO 1.101.4-202x, Standard for Public Safety Telecommunicators When Responding to Calls of Missing, Abducted Sexually Exploited (revision and redesignation of ANSI/APCO 1.101.3-2015)

This standard is a reference specifically for Public Safety Telecommunicators to present the missing, abducted, and/or sexually exploited child response process in a logical progression from the first response (initial call intake and information entry) through ongoing incident and case support (data query, entry, and management in support of field/investigative work).

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

Send comments (copy psa@ansi.org) to: Mindy Adams; apcostandards@apointl.org

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

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Addenda

BSR/ASHRAE Addendum ab to BSR/ASHRAE Standard 34-202x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)

This addendum adds the zeotropic refrigerant blend R-476A to Tables 4-2 and D-2.

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

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

Comment Deadline: May 29, 2022

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

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Addenda

BSR/ASHRAE Addendum ac to BSR/ASHRAE Standard 34-202x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)

This proposed addendum provides clarification on the pressure range for flammability testing by revising Sections B1.1 and B1.9.

[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.)

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Addenda

BSR/ASHRAE/ICC/IES/USGBC Addendum s to BSR/ASHRAE/ICC/IES/USGBC Standard 189.1-202x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)

Addendum s adds language to disallow improper installation of equipment in a project. It requires all equipment, appliances, and devices installed be in accordance with manufacturer's instructions and the conditions of any listing. Similar requirements are already present in other codes from the ICC. This addendum also includes specifics for reusing materials in the list of material acquisition methods in Section 9.3.2, referring the user to new language in Section 4.4.3.

[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 | tlxley@ashrae.org, www.ashrae.org

Addenda

BSR/ASHRAE/ICC/IES/USGBC Addendum v to BSR/ASHRAE/ICC/IES/USGBC Standard 189.1-202x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)

Addendum v adds language to 8.3.3.2.3.1 to clarify that the cSTC is calculated based on accepted engineering standards. It moves the requirement in footnote 'a' of Table 8.3.3.3 to a new section 8.3.3.2.2 that requires vibration-related noise from fitness activities not exceed the average and maximum sound levels associated with normal building operations and exterior noise (Table 8.3.3.2). Additionally, the footnote 'a' in Table 8.3.3.3 is revised and applied to the full range of potential noise sources of concern.

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

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

Comment Deadline: May 29, 2022

NSF (NSF International)

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

Revision

BSR/NSF 53-202x (i141r1), Drinking Water Treatment Units - Health Affects (revision of ANSI/NSF 53-2021)
It is the purpose of this Standard to establish minimum requirements for materials, design, and construction, and performance of point-of-use and point-of-entry drinking water treatment systems that are designed to reduce specific health-related contaminants in public or private water supplies. Such systems include point-of-entry drinking water treatment systems used to treat all or part of the water at the inlet to a residential facility or a bottled water production facility, and includes the material and components used in these systems. This Standard also specifies the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners, as well as the minimum service-related obligations that the manufacturer shall extend to system owners.

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

Send comments (copy psa@ansi.org) to: Monica Milla; mmilla@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 58-202x (i97r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2021)

The purpose of this Standard is to establish minimum requirements for materials, design and construction, and performance of reverse-osmosis drinking-water treatment systems. This Standard also specifies the minimum product literature that manufacturers shall supply to authorized representatives and owners, as well as the minimum service-related obligations that manufacturers shall extend to system owners.

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

Send comments (copy psa@ansi.org) to: Monica Milla; mmilla@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 350-202x (i58r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)

This Standard contains minimum requirements for onsite residential and commercial greywater treatment systems. Systems may include greywater reuse treatment systems having a rated treatment capacity up to 5,678 L/d (1,500 gal/d); or commercial greywater reuse treatment systems: This applies to onsite commercial reuse treatment systems that treat combined commercial facility greywater with capacities exceeding 5,678 L/d (1,500 gal/d) and commercial facility laundry water only of any capacity. Management methods and end uses appropriate for the treated effluent discharged from greywater residential and commercial treatment systems meeting this Standard are limited to subsurface discharge to the environment only.

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

Send comments (copy psa@ansi.org) to: Jason Snider; jsnider@nsf.org

Comment Deadline: May 29, 2022

NSF (NSF International)

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

Revision

BSR/NSF 350-202x (i59r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)

This Standard contains minimum requirements for onsite residential and commercial greywater treatment systems. Systems may include greywater reuse treatment systems having a rated treatment capacity up to 5,678 L/d (1,500 gal/d); or commercial greywater reuse treatment systems: This applies to onsite commercial reuse treatment systems that treat combined commercial facility greywater with capacities exceeding 5,678 L/d (1,500 gal/d) and commercial facility laundry water only of any capacity. Management methods and end uses appropriate for the treated effluent discharged from greywater residential and commercial treatment systems meeting this Standard are limited to subsurface discharge to the environment only.

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

Send comments (copy psa@ansi.org) to: Jason Snider; jsnider@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 350-202x (i62r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)

This Standard contains minimum requirements for onsite residential and commercial greywater treatment systems. Systems may include greywater reuse treatment systems having a rated treatment capacity up to 5,678 L/d (1,500 gal/d); or commercial greywater reuse treatment systems: This applies to onsite commercial reuse treatment systems that treat combined commercial facility greywater with capacities exceeding 5,678 L/d (1,500 gal/d) and commercial facility laundry water only of any capacity. Management methods and end uses appropriate for the treated effluent discharged from greywater residential and commercial treatment systems meeting this Standard are limited to subsurface discharge to the environment only.

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

Send comments (copy psa@ansi.org) to: Jason Snider; jsnider@nsf.org

Comment Deadline: May 29, 2022

NSF (NSF International)

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

Revision

BSR/NSF 350-202x (i66r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)

This Standard contains minimum requirements for onsite residential and commercial greywater treatment systems. Systems may include Greywater reuse treatment systems having a rated treatment capacity up to 5,678 L/d (1,500 gal/d); or Commercial greywater reuse treatment systems: This applies to onsite commercial reuse treatment systems that treat combined commercial facility greywater with capacities exceeding 5,678 L/d (1,500 gal/d) and commercial facility laundry water only of any capacity. Management methods and end uses appropriate for the treated effluent discharged from greywater residential and commercial treatment systems meeting this Standard are limited to subsurface discharge to the environment only.

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

Send comments (copy psa@ansi.org) to: Jason Snider; jsnider@nsf.org

UL (Underwriters Laboratories)

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

Revision

BSR/UL 98-202x, Standard for Safety for Enclosed and Dead-Front Switches (revision of ANSI/UL 98-2019a)

This proposal covers values of Overload and Endurance Time Constant Correction/Addition. The initial version of this proposal was dated November 26, 2021.

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

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

UL (Underwriters Laboratories)

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

Revision

BSR/UL 252-202x, Standard for Safety for Compressed Gas Service (revision of ANSI/UL 252-2018)

The following is being proposed: (1) Revisions to merging ULC/ORD-C252, Guide for the Compressed Gas Regulators, with UL 252, Compressed Gas Regulators, as a single Joint Canada-US Standard

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

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

Comment Deadline: May 29, 2022

UL (Underwriters Laboratories)

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

Revision

BSR/UL 252A-202x, Standard for Safety for Compressed Gas Regulator Accessories (revision of ANSI/UL 252A-2019)

The following is being proposed: (1) Revisions to proposed new joint standard, UL/ULC 252A, Standard for Compressed Gas Regulator Accessories.

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

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

UL (Underwriters Laboratories)

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

Revision

BSR/UL 746D-202x, Standard for Safety for Polymeric Materials - Fabricated Parts (revision of ANSI/UL 746D -2021)

This proposal covers a clarification of the Recycled Plastics Program in Section 10. The initial version of this proposal from UL was dated August 20, 2021.

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

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

Comment Deadline: June 13, 2022

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

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

Revision

BSR/AHRI Standard 220-202x, Reverberation Room Qualification and Testing Procedures for Determining Sound Power of HVAC Equipment (revision of ANSI/AHRI Standard 220-2015)

This standard applies to HVAC products where sound power is determined by measurement using the Comparison Method in a reverberation room that meets the qualification requirements as defined in Section 4 of this standard.

Single copy price: Free

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

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

Comment Deadline: June 13, 2022

AWWA (American Water Works Association)

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

New Standard

BSR/AWWA E110-202x, Solids Handling Pumps For Wastewater Applications (new standard)

This standard provides minimum requirements for solids handling pumps for installation in wastewater treatment plants and wastewater collection systems.

Single copy price: Free

Obtain an electronic copy from: etssupport@awwa

Order from: AWWA, Attn: Vicki David; v david@awwa.org

Send comments (copy psa@ansi.org) to: AWWA, Attn: Paul Olson; polson@awwa.org

CPA (Composite Panel Association)

19465 Deerfield Avenue, Suite 306, Leesburg, VA 20176 | gheroux@cpamail.org, www.CompositePanel.org

Revision

BSR/CPA A208.1-202x, Particleboard (revision and redesignation of ANSI A208.1-2016)

The purpose of this Standard is to establish a nationally recognized voluntary consensus standard for particleboard which can serve as a common basis for understanding among those manufacturing, specifying or using particleboard products.

Single copy price: Available free of charge

Obtain an electronic copy from: gheroux@cpamail.org

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

CSA (CSA America Standards Inc.)

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

New Standard

BSR/CSA HGV 5.2-202x, Compact Hydrogen Fueling Systems (new standard)

This standard details the mechanical, electrical, and safety requirements for newly manufactured Compact Hydrogen Fueling Systems (CHFS) and similar integral hydrogen generation, compression, storage, and dispensing systems intended to fuel non-HPIT, on or off-road hydrogen motor vehicles equipped with onboard fuel containers compliant with SAE J2579 or UN Global Technical Regulation No. 13.1.1. These requirements apply to integrated or factory-matched (modular) hydrogen generating and fueling equipment that: (a) Is intended for fueling of hydrogen powered vehicles only; (b) Is intended for indoor or outdoor installations; (c) Has a single hydrogen generator or hydrogen pipeline source; (d) Produces (or consumes if pipeline is used) hydrogen at a rate equal to or less than 865 SCFH (24.5 Nm³/h); (e) Have a limited hydrogen storage capacity equal to or less than 5,000 SCF (131.4 Nm³) with a pressure not exceeding 875 barg; (f) Has a single compressor with a single or multiple compression stages; (g) Intended to meet the installation fire safety requirements in accordance with NFPA 2; (h) Can be installed in a general purpose and/or hazardous electrical locations; (i) For fill pressures of 350 bar and/or 700 bar only using industry accepted fueling protocol; (j) Fuel quality that meets or exceeds requirements in SAE J2719; (k) For devices that fuel at an ambient not below -40 °C and not exceeding 50 °C; and (l) Single and/or dual hose fueling systems. A CHFS that also supplies oxygen as a product is excluded from the scope of this Standard.

Single copy price: Free

Obtain an electronic copy from: ansi.contact@csagroup.org

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

Comment Deadline: June 13, 2022

CSA (CSA America Standards Inc.)

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

Revision

BSR Z21.58-202x/CSA 1.6-202x, Outdoor Cooking Gas Appliances, same as Gas Appliances (revision of ANSI Z21.58-2018/CSA 1.6-2018)

This Standard applies to newly produced outdoor cooking gas appliances (see Clause 3) constructed entirely of new, unused parts and materials. Outdoor cooking gas appliances submitted for examination under this Standard are classified as portable, stationary, or built-in. This Standard also applies to outdoor cooking gas appliances mounted to the exterior of a recreational vehicle (RV grills) for connection to the recreational vehicle's low-pressure liquefied petroleum (LP) gas supply system.

Single copy price: Free

Obtain an electronic copy from: ansi.contact@csagroup.org

Order from: Debbie Chesnik; ansi.contact@csagroup.org

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

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005-4001 | pmcgillicuddy@ies.org, www.ies.org

Reaffirmation

BSR/IES RP-38-2017 (R202x), Recommended Practice: Lighting Performance for Small to Medium Sized Video Conferencing Rooms (reaffirmation of ANSI/IES RP-38-2017)

This lighting performance Standard for small- to medium-sized videoconference rooms defines lighting requirements for videoconferencing that will enhance the comfort of participants and the picture quality delivered. A single-axis room is defined as having one set of video displays and cameras oriented toward a group of 3 to 25 seating locations. Dual-axis and multi-axis rooms have two or more orientations beyond the primary seating area. These include distance education and training rooms that have separate cameras directed toward a presenter location, in addition to cameras directed toward the seating area.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

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

Comment Deadline: June 13, 2022

NSF (NSF International)

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

Revision

BSR/NSF 53-202x (i125r3), Drinking Water Treatment Units - Health Affects (revision of ANSI/NSF 53-2021)

It is the purpose of this Standard to establish minimum requirements for materials, design and construction, and performance of point-of-use and point-of-entry drinking water treatment systems that are designed to reduce specific health-related contaminants in public or private water supplies. Such systems include point-of-entry drinking water treatment systems used to treat all or part of the water at the inlet to a residential facility or a bottled-water production facility, and includes the material and components used in these systems. This Standard also specifies the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners, as well as the minimum service-related obligations that the manufacturer shall extend to system owners.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/63274/53i125r3%20et%20al%20-%20JC%20Memo%20&%20Ballot.pdf

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

NSF (NSF International)

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

Revision

BSR/NSF 58-202x (i90r3), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2021)

The purpose of this Standard is to establish minimum requirements for materials, design and construction, and performance of reverse osmosis drinking water treatment systems. This Standard also specifies the minimum product literature that manufacturers shall supply to authorized representatives and owners, as well as the minimum service-related obligations that manufacturers shall extend to system owners.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/63274/53i125r3%20et%20al%20-%20JC%20Memo%20&%20Ballot.pdf

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

NSF (NSF International)

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

Revision

BSR/NSF/CAN 50-202x (i178r2), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)

This Standard covers materials, chemicals, components, products, equipment and systems, related to public and residential recreational water facility operation.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/63305/50i178r2%20-%20JC%20memo%20&%20ballot.pdf

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

Comment Deadline: June 13, 2022

SCTE (Society of Cable Telecommunications Engineers)

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

New Standard

BSR/SCTE 277-202x, Linear Contribution Encoding Specification (new standard)

This specification has the goal of providing a consolidated set of requirements for content essence and related information from a content provider to a processing facility for subsequent delivery to a Content Delivery Network (CDN) or a QAM distribution plant. The formats are defined to obtain the best resultant quality across a number of distribution methods. This specification will initially only define the contribution linear feed.

Single copy price: \$50.00

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

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

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

TIA (Telecommunications Industry Association)

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

National Adoption

BSR/TIA 455-111-B-202x, FOTP-111: IEC 60793-1-34, Optical Fibres - Part 1-34: Measurement Methods and Test Procedures - Fibre Curl (identical national adoption of IEC 60793-1-34 Optical Fibres and revision of ANSI/TIA 455-111-A-2003)

Revise current TIA 455-111 (Revision A, Nov 26, 2003) to reflect most recent IEC 60793-1-34 (March 2021) standard.

Single copy price: \$77.00

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

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

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

TIA (Telecommunications Industry Association)

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

National Adoption

BSR/TIA 526-14-D-202x, Optical Power Loss Measurement of Installed Multimode Fiber Cable Plant; IEC 61280-4-1 edition 3, Fiber-Optic Communications Subsystem Test Procedures - Part 4-1: Installed Cable Plant - Multimode Attenuation Measurement (national adoption with modifications of IEC 61280-4-1 edition 3)

Proposal to revise to add reference to bend insensitive MM fiber for testing with EF-compliant launch cord.

Single copy price: \$174.00

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

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

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

Comment Deadline: June 13, 2022

TIA (Telecommunications Industry Association)

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

Revision

BSR/TIA 568.3-E-202x, Optical Fiber Cabling Component Standard (revision and redesignation of ANSI/TIA 568.3-D-2016)

Revise TIA 568.3-D to include the content from TIA 568.3-D-1 Addendum 1: General Updates and any additional content deemed appropriate by formulating subcommittee. Justification: Uphold a 5-year cadence on maintenance of standard, incorporate content from published addendum, and update pertinent content to reflect the latest technological updates and capabilities.

Single copy price: \$65.00

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

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

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

UL (Underwriters Laboratories)

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

Reaffirmation

BSR/UL 1478A-2013 (R202x), Standard for Pressure Relief Valves for Sprinkler Systems (April 29, 2022) (reaffirmation of ANSI/UL 1478A-2013 (R2017))

This proposal covers: (1) Reaffirmation and continuance of the 1st Edition of the Standard for Pressure Relief Valves for Sprinkler Systems, UL 1478A, as an American National Standard.

Single copy price: Free

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

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

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

UL (Underwriters Laboratories)

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

Reaffirmation

BSR/UL 1637-2017 (R202x), Standard for Home Health Care Signaling Equipment (reaffirmation and redesignation of ANSI/UL 1637-2017)

Reaffirmation and continuance of the 5th Edition of the Standard for Home Health Care Signaling Equipment, UL 1637, as an American National Standard.

Single copy price: Free

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

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

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

Comment Deadline: June 13, 2022

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 | Amy.K.Walker@ul.org, <https://ul.org/>

Revision

BSR/UL 507-202x, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2020)

This proposal for UL 507 covers: (1) Clarification of duct-connection for fans for use in cooking areas; (2) Alternate insulation proposal; (3) Exception to allow exempt miscellaneous small parts for fans used in “other spaces used for environmental air”; (4) Addition of reference to UL 60335-2-40 for fans used in “other spaces used for environmental air”; (5) Revision to requirements of smart enabled electric fans; (6) Addition of requirements for cord-connected stationary air-cleaning devices with leakage current up to 3.5 mA; (7) Remote safety software update requirements; (8) Addition of UV measurement requirements for permanently installed air-cleaning devices with declared mounting height or ductwork connection; (9) Section 83.10 – Ducted fans to the outside.

Single copy price: Free

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

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

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

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 | Megan.M.VanHeirseeele@ul.org, <https://ul.org/>

Revision

BSR/UL 9540-202x, Standard for Safety for Energy Storage Systems and Equipment (revision of ANSI/UL 9540-2020)

(1) Revisions to marking criteria and inclusion of AC and DC ESS concepts; (2) Residential use ESS - clarification and code alignment; (3) Explosion protection for electrochemical ESS; (4) Addressing noise levels of ESS; (5) Clarification of Impulse waveform in 29.2; (6) Updates to Informative Appendix E; (7) Additional criteria for thermal ESS; (8) Revisions to Appendix D to align with the new UL 1973, Alternative Approach for Evaluating Valve Regulated or Vented Lead Acid or Nickel Cadmium Batteries Annex; (9) Revisions to replace UL 508C with UL 61800-5-1; (10) Revisions to replace UL 60950-1 with UL 62368-1; (11) Addition of UL 1778 / CSA C22.2 No. 107.3 to the list of power conversion/battery charger standards referenced in 24.1.1; (12) Clarification of material and enclosure tests for smaller ESS; (13) Use of representative subassemblies for testing; (14) Addition of references to component standards; (15) Revisions for flywheel ESS throughout the Standard; (16) External warning communication system criteria; (17) Revisions to address hazardous fluids and liquid coolant system hazards; (18) Miscellaneous corrections; (19) New Appendix G for Direct Injection Clean Agent Cooling Systems; (20) Revisions for remote software updates.

Single copy price: Free

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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/Home/ProposalsDefault.aspx>

Comment Deadline: June 13, 2022

WMA (World Millwork Alliance)

10047 Robert Trent Jones Parkway, New Port Richey, FL 34655 | jferris@worldmillworkalliance.com, <http://worldmillworkalliance.com>

Revision

BSR/WMA 100-202x, Standard Method of Determining Structural Performance Ratings of Side-Hinged Exterior Door Systems and Procedures for Component Substitution (revision of ANSI/WMA 100-2018)
Proposed revisions to the ANSI/WMA 100-2018 from WMA's Industry Standards and Certification Committee (ISCC) are being considered for this revision cycle. Additional comments are welcome from the public. WMA 100 provides a method to obtain a structural design pressure rating for a side-hinged exterior door system (SHEDS) using the ASTM E330 test method. Once a rating is obtained, the standard defines methods for qualifying door system components for substitution in the rated system. Slab stiffness testing is used and outlined in this standard as a means to qualify components.

Single copy price: Free

Obtain an electronic copy from: jferris@worldmillworkalliance.com

Order from: Jessica Ferris, Director of Codes and Standards: jferris@worldmillworkalliance.com

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

Comment Deadline: June 28, 2022

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

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

National Adoption

INCITS/ISO/IEC 14496-12:2022 [202x], Information technology - Coding of audio-visual objects - Part 12: ISO base media file format (identical national adoption of ISO/IEC 14496-12:2022 and revision of INCITS/ISO/IEC 14496-12:2020 [2021])

Specifies the ISO base media file format, which is a general format forming the basis for a number of other more specific file formats. This format contains the timing, structure, and media information for timed sequences of media data, such as audio-visual presentations.

Single copy price: \$250.00

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

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

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

Comment Deadline: June 28, 2022

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

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

National Adoption

INCITS/ISO/IEC 15444-4:2021 [202x], Information technology - JPEG 2000 image coding system - Part 4: Conformance Testing (identical national adoption of ISO/IEC 15444-4:2021 and revision of INCITS/ISO/IEC 15444-4:2004 [R2018])

Specifies the framework, concepts, methodology for testing, and criteria to be achieved to claim compliance to Rec. ITU-T T.800 | ISO/IEC 15444-1 or Rec. ITU-T T.814 | ISO/IEC 15444-15. It provides a framework for specifying abstract test suites (ATSs) and for defining the procedures to be followed during compliance testing.

Single copy price: \$200.00

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

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National Adoption

INCITS/ISO/IEC 15444-5:2021 [202x], Information technology - JPEG 2000 image coding system - Part 5: Reference software (identical national adoption of ISO/IEC 15444-5:2021 and revision of INCITS/ISO/IEC 15444-5:2015 [2019])

Defines a set of lossless and lossy compression methods for coding continuous-tone, bi-level, greyscale or color digital still images. This Recommendation | International Standard provides three independently created software reference implementations of Rec. ITU-T T.800 | ISO/IEC 15444-1, in order to assist implementers of Rec. ITU-T T.800 | ISO/IEC 15444-1 in testing and understanding its content. The packages are JASPER, JJ2000 and OPENJPEG.

Single copy price: \$149.00

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National Adoption

INCITS/ISO/IEC 15444-16:2021 [202x], Information technology - JPEG 2000 image coding system - Part 16: Encapsulation of JPEG 2000 images into ISO/IEC 23008-12 (identical national adoption of ISO/IEC 15444-16:2021 and revision of INCITS/ISO/IEC 15444-16:2019 [2021])

Specifies the encapsulation of image formats specified in the JPEG 2000 family of Recommendations | International Standards in the framework defined in ISO/IEC 23008-12.

Single copy price: \$73.00

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

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National Adoption

INCITS/ISO/IEC 15938-16:2021 [202x], Information technology - Multimedia content description interface - Part 16: Conformance and reference software for compact descriptors for video analysis (identical national adoption of ISO/IEC 15938-16:2021)

Specifies the assessment of conformance to ISO/IEC 15938-15 as well as the reference software.

Single copy price: \$111.00

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

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National Adoption

INCITS/ISO/IEC 23000-19:2020/AM1:2021 [202x], Information technology - Multimedia application format (MPEG-A) - Part 19: Common media application format (CMAF) for segmented media - Amendment 1:

Additional CMAF HEVC media profiles (identical national adoption of ISO/IEC 23000-19:2020/AM1:2021)

Amendment 1 to ISO/IEC 23000-19:2020.

Single copy price: \$20.00

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National Adoption

INCITS/ISO/IEC 23000-21:2019/AM1:2021 [202x], Information technology - Multimedia application format (MPEG-A) - Part 21: Visual identity management application format - Amendment 1: Conformance and

reference software (identical national adoption of ISO/IEC 23000-21:2019/AM1:2021)

Amendment 1 to ISO/IEC 23000-21:2019.

Single copy price: \$20.00

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National Adoption

INCITS/ISO/IEC 23000-22:2019/AM1:2021 [202x], Information technology - Multimedia application format (MPEG-A) - Part 22: Multi-image application format (MIAF) - Amendment 1: Reference software and conformance for multi-image application format (identical national adoption of ISO/IEC 23000-22:2019/AM1:2021)

Amendment 1 to ISO/IEC 23000-22:2019.

Single copy price: \$20.00

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National Adoption

INCITS/ISO/IEC 23000-22:2019/AM2:2021 [202x], Information technology - Multimedia application format (MPEG-A) - Part 22: Multi-image application format (MIAF) - Amendment 2: HEVC Advanced HDR profile and other clarifications (identical national adoption of ISO/IEC 23000-22:2019/AM2:2021)

Amendment 2 to ISO/IEC 23000-22:2019.

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National Adoption

INCITS/ISO/IEC 24800-2:2021 [202x], Information technology - JPSearch - Part 2: Registration, identification and management of schema and ontology (identical national adoption of ISO/IEC 24800-2:2021)
Specifies a series of interfaces to allow disparate systems an interoperable management of image repositories. It also specifies the general rules which govern the usage of metadata in JPSearch.

Single copy price: \$250.00

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

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

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Comment Deadline: June 28, 2022

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New Standard

INCITS 563-202x, Information technology - Fibre Channel Protocol for SCSI (FCP-5) (new standard)

The standard will update and revise FCP-4 to add additional functionality and will define a mapping layer for the execution of SCSI operations as defined by the SCSI Architecture Model - 5 (SAM-5). This mapping layer will function on the Fibre Channel infrastructure as defined in FC-PI-x, FC-FS-x, and related Fibre Channel standards. The following items should be considered for inclusion in FCP-5: (a) enhanced error detection and recovery; and (b) any additional items deemed appropriate by the committee.

Single copy price: Free

Obtain an electronic copy from: [https://standards.incits.org/apps/group_public/document.php?](https://standards.incits.org/apps/group_public/document.php?document_id=140101&wg_abbrev=eb)

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UL (Underwriters Laboratories)

171 Nepean Street, Suite 400, Ottawa, ON K2P 0B4 Canada | laura.werner@ul.org, <https://ul.org/>

Revision

BSR/UL 404-202x, Standard for Safety for Pressure-Indicating Gauges for Compressed Gas Service (revision of ANSI/UL 404-2015)

This Standard covers minimum requirements for indicating pressure gauges of the elastic element type. Indicating pressure gauges include: (a) High-pressure gauges employed in the high-pressure side of regulators or reducing valves used on compressed gas containers or cylinders of oxygen, hydrogen, nitrogen, and other gases usually have pressure ranges of 0 - 500, 0 - 1 000, 0 - 1 500, 0 - 2 000, 0 - 3 000, 0 - 4 000, 0 - 5 000, or 0 - 6 000 pounds per square inch (psi) (The related metric gauge ranges are approximately 0 - 3.4, 0 - 6.89, 0 - 10.34, 0 - 13.78, 0 - 20.68, 0 - 27.56, 0 - 34.47, or 0 - 41.36 MPa); and (b) Differential pressure gauges employed to measure the difference between two pressures with a maximum inlet pressure of 1 000 psig (6.89 MPa). For requirements for gauges employed in the low side of regulators with ranges of 1 000 psig (6.89 MPa) or less, refer to the Standard for Compressed Gas Regulator Accessories, ANSI/CAN/UL/ULC 252A.

Single copy price: Free

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

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UL (Underwriters Laboratories)

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

Revision

BSR/UL 749-202x, Standard for Safety for Household Dishwashers (revision of ANSI/UL 749-2018)

Proposed 12th edition of the Standard for Household Dishwashers, UL 749.

Single copy price: Free

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

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

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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.

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

ANSI/ASME A112.18.9-2011 (R2022), Protectors/Insulators for Exposed Waste and Supplies on Accessible Fixtures (reaffirmation of ANSI/ASME A112.18.9-2011 (R2017)) Final Action Date: 4/25/2022

Reaffirmation

ANSI/ASME B18.16.6-2017 (R2022), Prevailing Torque Locknuts (Inch Series) (reaffirmation of ANSI/ASME B18.16.6-2017) Final Action Date: 4/25/2022

Reaffirmation

ANSI/ASME B29.2M-2007 (R2022), Inverted Tooth (Silent) Chains and Sprockets (reaffirmation of ANSI/ASME B29.2M-2007 (R2017)) Final Action Date: 4/25/2022

Reaffirmation

ANSI/ASME B29.8-2010 (R2022), Leaf Chains, Clevises, and Sheaves (reaffirmation of ANSI/ASME B29.8-2010 (R2017)) Final Action Date: 4/25/2022

CRSI (Concrete Reinforcing Steel Institute)

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

Revision

ANSI/CRSI CG1.1-2022, CRSI Standard for Epoxy Coating Plant: Straight Bar Lines (revision of ANSI/CRSI CG1.1-2016) Final Action Date: 4/25/2022

Revision

ANSI/CRSI CG1.2-2022, CRSI Standard for Epoxy Coating Plant: Custom Lines (revision of ANSI/CRSI CG1.2-2016) Final Action Date: 4/25/2022

CTA (Consumer Technology Association)

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

Revision

ANSI/CTA 774-E-2022, TV Receiving Antenna Performance Presentation and Measurement (revision and redesignation of ANSI/CTA 774-D) Final Action Date: 4/25/2022

Revision

ANSI/CTA 2028-C-2022, Color Codes for Outdoor TV Receiving Antennas (revision and redesignation of ANSI/CTA 2028-B R-2019) Final Action Date: 4/25/2022

Revision

ANSI/CTA 2032-C-2022, Indoor TV Receiving Antennas Performance Standard (revision and redesignation of ANSI/CTA 2032-B R-2019) Final Action Date: 4/25/2022

EOS/ESD (ESD Association, Inc.)

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

Withdrawal

ANSI/ESD STM4.2-1998 (R2010), ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - ESD Protective Worksurfaces - Charge Dissipation Characteristics (withdrawal of ANSI/ESD STM4.2-1998 (R2010)) Final Action Date: 4/25/2022

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 | standards@esta.org, www.esta.org

New Standard

ANSI/ESTA E1.69-2022, Reporting the Dimming Performance of Entertainment Luminaires Using LED Sources (new standard) Final Action Date: 4/25/2022

Revision

ANSI E1.22-2022, Entertainment Technology - Fire Safety Curtain Systems (revision of ANSI E1.22-2016) Final Action Date: 4/25/2022

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

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

New Standard

ANSI/IAPMO Z1117-2022, Press Connections (new standard) Final Action Date: 4/21/2022

IEEE (ASC C2) (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | j.santulli@ieee.org, www.ieee.org

Revision

ANSI ASC C2 NESC-2022, National Electrical Safety Code (NESC) (revision and redesignation of ANSI ASC C2 NESC -2017) Final Action Date: 4/25/2022

NEMA (ASC C78) (National Electrical Manufacturers Association)

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

Reaffirmation

ANSI C78.62035-2016 (R2022), Electric Lamps - Discharge Lamps (Excluding Fluorescent Lamps) - Safety Specifications (reaffirmation of ANSI C78.62035-2016) Final Action Date: 4/19/2022

NFPA (National Fire Protection Association)

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

New Standard

ANSI/NFPA 1987-2023, Standard on Combination Unit Respirator Systems for Tactical and Technical Operations (new standard) Final Action Date: 4/24/2022

Revision

ANSI/NFPA 1986-2023, Standard on Respiratory Protection Equipment for Tactical and Technical Operations (revision of ANSI/NFPA 1986-2017) Final Action Date: 4/24/2022

NSF (NSF International)

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

Revision

ANSI/NSF/CAN 50-2022 (i171r3), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020) Final Action Date: 4/11/2022

Withdrawal

ANSI/NSF 321-2010 (R2016), Goldenseal Root (*Hydrastis canadensis*) (withdrawal of ANSI/NSF 321-2010 (R2016)) Final Action Date: 4/18/2022

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

ANSI/SCTE 15-2022, Specification for Trunk, Feeder and Distribution Coaxial Cable (revision of ANSI/SCTE 15-2019) Final Action Date: 4/25/2022

TCNA (ASC A108) (Tile Council of North America)

100 Clemson Research Blvd., Anderson, SC 29625 | KSimpson@tileusa.com, www.tcnatile.com

Reaffirmation

ANSI A108.1A-2017 (R2022), Installation of Ceramic Tile in the Wet-Set Method, with Portland Cement Mortar (reaffirmation of ANSI A108.1A-2017) Final Action Date: 4/25/2022

Reaffirmation

ANSI A108.10-2017 (R2022), Installation of Grout in Tilework (reaffirmation of ANSI A108.10-2017) Final Action Date: 4/25/2022

Reaffirmation

ANSI A118.11-2017 (R2022), Standard Specifications for EGP (Exterior Glue Plywood) Modified Dry-set Mortar (reaffirmation of ANSI A118.11-2017) Final Action Date: 4/25/2022

Revision

ANSI A137.3-2022, Standard Specifications for Gauged Porcelain Tiles and Gauged Porcelain Tile Panels/Slabs (revision of ANSI A137.3-2021) Final Action Date: 4/25/2022

UL (Underwriters Laboratories)

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

New Standard

ANSI/UL 1091-2022, Standard for Butterfly Valves for Fire-Protection Service (new standard) Final Action Date: 4/20/2022

Reaffirmation

ANSI/UL 840-2012 (R2022), Standard for Insulation Coordination Including Clearances and Creepage Distances for Electrical Equipment (reaffirmation of ANSI/UL 840-2012 (R2016)) Final Action Date: 4/19/2022

Reaffirmation

ANSI/UL 1309-2017 (R2022), Standard for Safety for Marine Shipboard Cable (reaffirmation of ANSI/UL 1309-2017) Final Action Date: 4/20/2022

UL (Underwriters Laboratories)

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

Reaffirmation

ANSI/UL 2344-2012 (R2022), Standard for Material Lifts (reaffirmation of ANSI/UL 2344-2012 (R2017)) Final Action Date: 4/19/2022

Revision

ANSI/UL 48-2022, Standard for Safety for Electric Signs (revision of ANSI/UL 48-2021) Final Action Date: 4/22/2022

Revision

ANSI/UL 213-2022, Standard for Rubber Gasketed Fittings for Fire-Protection Service (February 25, 2022) (revision of ANSI/UL 213-2019) Final Action Date: 4/22/2022

Revision

ANSI/UL 858-2022, Standard for Safety for Household Electric Ranges (revision of ANSI/UL 858-2019) Final Action Date: 4/18/2022

Revision

ANSI/UL 879-2022, Standard for Safety for Sign Components (revision of ANSI/UL 879-2009 (R2019)) Final Action Date: 4/22/2022

Revision

ANSI/UL 2238-2022, Standard for Cable Assemblies and Fittings for Industrial Control and Signal Distribution (revision of ANSI/UL 2238-2021) Final Action Date: 4/20/2022

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

AGSC - Auto Glass Safety Council

ROLAGS 2 (Repair of Laminated Automotive Glass Standard 2) Standards Committee

The Auto Glass Safety Council is the primary organization for the creation and maintenance of standards for the auto glass repair and replacement industry. AGSC is currently seeking to broaden the membership base of its ROLAGS 2 (Repair of Laminated Automotive Glass Standard 2) Standards Committee in all membership interest categories. Membership on this committee is open to all directly and materially affected parties. More information is available by email from kbimber@agsc.org.

ANSI Accredited Standards Developer

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

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

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

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

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- Users
- Consultants
- Government
- SDO and Consortia Groups
- Academia
- General Interest

Call for Members (ANS Consensus Bodies)

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.

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CSA - CSA America Standards Inc.

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

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

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

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

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

BSR/AHRI Standard 220-202x, Reverberation Room Qualification and Testing Procedures for Determining Sound Power of HVAC Equipment (revision of ANSI/AHRI Standard 220-2015)

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

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

BSR/ASHRAE Standard 158.2-202x, Methods of Testing Capacity for Refrigerant Pressure Regulators (revision and redesignation of ANSI/ASHRAE 158.2-2018)

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

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

BSR/ASHRAE Standard 199-202x, Method of Testing the Performance of Industrial Pulse Cleaned Dust Collectors (revision of ANSI/ASHRAE Standard 199-2016)

Call for Members (ANS Consensus Bodies)

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

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

BSR/ASHRAE Standard 218-202x, Method of Test for Lubricant and Refrigerant Miscibility Determination (revision of ANSI/ASHRAE Standard 218-2019)

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005-4001 | pmcgillicuddy@ies.org, www.ies.org

BSR/IES RP-38-2017 (R202x), Recommended Practice: Lighting Performance for Small to Medium Sized VideoConferencing Rooms (reaffirmation of ANSI/IES RP-38-2017)

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

INCITS/ISO/IEC 14496-12:2022 [202x], Information technology - Coding of audio-visual objects - Part 12: ISO base media file format (identical national adoption of ISO/IEC 14496-12:2022 and revision of INCITS/ISO/IEC 14496-12:2020 [2021])

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

INCITS/ISO/IEC 15444-4:2021 [202x], Information technology - JPEG 2000 image coding system - Part 4: Conformance Testing (identical national adoption of ISO/IEC 15444-4:2021 and revision of INCITS/ISO/IEC 15444-4:2004 [R2018])

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INCITS/ISO/IEC 15444-16:2021 [202x], Information technology - JPEG 2000 image coding system - Part 16: Encapsulation of JPEG 2000 images into ISO/IEC 23008-12 (identical national adoption of ISO/IEC 15444-16:2021 and revision of INCITS/ISO/IEC 15444-16:2019 [2021])

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

INCITS/ISO/IEC 15938-16:2021 [202x], Information technology - Multimedia content description interface - Part 16: Conformance and reference software for compact descriptors for video analysis (identical national adoption of ISO/IEC 15938-16:2021)

Call for Members (ANS Consensus Bodies)

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

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

INCITS/ISO/IEC 23000-19:2020/AM1:2021 [202x], Information technology - Multimedia application format (MPEG-A) - Part 19: Common media application format (CMAF) for segmented media - Amendment 1: Additional CMAF HEVC media profiles (identical national adoption of ISO/IEC 23000-19:2020/AM1:2021)

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

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

INCITS/ISO/IEC 23000-21:2019/AM1:2021 [202x], Information technology - Multimedia application format (MPEG-A) - Part 21: Visual identity management application format - Amendment 1: Conformance and reference software (identical national adoption of ISO/IEC 23000-21:2019/AM1:2021)

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

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

INCITS/ISO/IEC 23000-22:2019/AM1:2021 [202x], Information technology - Multimedia application format (MPEG-A) - Part 22: Multi-image application format (MIAF) - Amendment 1: Reference software and conformance for multi-image application format (identical national adoption of ISO/IEC 23000-22:2019/AM1:2021)

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

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

INCITS/ISO/IEC 23000-22:2019/AM2:2021 [202x], Information technology - Multimedia application format (MPEG-A) - Part 22: Multi-image application format (MIAF) - Amendment 2: HEVC Advanced HDR profile and other clarifications (identical national adoption of ISO/IEC 23000-22:2019/AM2:2021)

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

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

INCITS/ISO/IEC 24800-2:2021 [202x], Information technology - JPSearch - Part 2: Registration, identification and management of schema and ontology (identical national adoption of ISO/IEC 24800-2:2021)

NEMA (ASC C29) (National Electrical Manufacturers Association)

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

BSR C29.8-2017 (R202x), Wet Process Porcelain Insulators - Apparatus, Cap and Pin Type (reaffirmation of ANSI C29.8-2017)

NSF (NSF International)

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

BSR/NSF 53-202x (i125r3), Drinking Water Treatment Units - Health Affects (revision of ANSI/NSF 53-2021)

NSF (NSF International)

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

BSR/NSF 53-202x (i141r1), Drinking Water Treatment Units - Health Affects (revision of ANSI/NSF 53-2021)

Call for Members (ANS Consensus Bodies)

NSF (NSF International)

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

BSR/NSF 58-202x (i90r3), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2021)

NSF (NSF International)

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

BSR/NSF 58-202x (i97r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2021)

NSF (NSF International)

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

BSR/NSF 350-202x (i58r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)

NSF (NSF International)

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

BSR/NSF 350-202x (i59r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)

NSF (NSF International)

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

BSR/NSF 350-202x (i62r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)

NSF (NSF International)

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

BSR/NSF 350-202x (i66r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)

NSF (NSF International)

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

BSR/NSF/CAN 50-202x (i178r2), 50-20XX Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)

UL (Underwriters Laboratories)

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

BSR/UL 1637-2017 (R202x), Standard for Home Health Care Signaling Equipment (reaffirmation and redesignation of ANSI/UL 1637-2017)

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

AWS - American Welding Society

Effective April 22, 2022

The reaccreditation of AWS - American Welding Society has been approved at the direction of ANSI's Executive Standard Council, under its recently revised operating procedures for documenting consensus on AWS-sponsored American National Standards, effective April 22, 2022. For additional information, please contact: Peter Portela, American Welding Society (AWS) | 8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | (800) 443-9353, pportela@aws.org

Public Review of Application for ASD Accreditation

NRMCA - National Ready Mixed Concrete Association

Comment Deadline: 5/31/2022

The National Ready Mixed Concrete Association (NRMCA), a new ANSI member in 2022, has submitted an application for accreditation as an ANSI Accredited Standards Developer (ASD) and proposed operating procedures for documenting consensus on NRMCA-sponsored American National Standards. NRMCA's proposed scope of standards activity is as follows:

Those standards that directly affect the ready mixed concrete industry, including design, sustainability, resilience and production

To obtain a copy of NRMCA's application and proposed operating procedures or to offer comments, please contact: Scott Campbell, National Ready Mixed Concrete Association (NRMCA) | 66 Canal Center Plaza, Suite 250, Alexandria, VA 22314 | (703) 706-4800, scampbell@nrmca.org.

To view/download a copy of NRMCA's proposed operating procedures, [click here during the public review period](#).

Please submit any comments to NRMCA by May 31, 2022 (please copy the ExSC Recording Secretary in ANSI's New York Office (E-mail: Jthompso@ANSI.org)).

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

AGSC - Auto Glass Safety Council

June 14, 2022 11:00 a.m. – 1:00 p.m. ET

AGSC ROLAGS 2 (Repair of Laminated Automotive Glass Standard 2) Standards Committee

Tuesday, June 14, 2022 11:00 a.m. – 1:00 p.m. ET. This meeting will be held electronically by Zoom. The agenda, related documents and instructions for joining the Zoom meeting will be distributed to members of the committee. Those interested in participating on this committee can contact AGSC for additional information at (kbimber@agsc.org).

American National Standards (ANS) Process

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

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

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

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

American National Standards Under Continuous Maintenance

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

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

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

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

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

AHRI

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

ANS

American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526
www.ans.org
Kathryn Murdoch
kmurdoch@ans.org

APCO

Association of Public-Safety
Communications Officials-International
351 N. Williamson Boulevard
Daytona Beach, FL 32114
www.apcolntl.org
Mindy Adams
apcostandards@apcointl.org

ASHRAE

American Society of Heating, Refrigerating
and Air-Conditioning Engineers, Inc.
180 Technology Parkway
Peachtree Corners, GA 30092
www.ashrae.org
Ryan Shanley
rshanley@ashrae.org
Tanisha Meyers-Lisle
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Thomas Loxley
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ASME

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

ASME

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

ASTM

ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428
www.astm.org
Laura Klineburger
accreditation@astm.org

AWWA

American Water Works Association
6666 W. Quincy Avenue
Denver, CO 80235
www.awwa.org
Paul Olson
polson@awwa.org

CPA

Composite Panel Association
19465 Deerfield Avenue, Suite 306
Leesburg, VA 20176
www.CompositePanel.org
Gary Heroux
gheroux@cpamail.org

CRSI

Concrete Reinforcing Steel Institute
933 N Plum Grove Road
Schaumburg, IL 60173
www.crsi.org
Amy Trygestad
atrygestad@crsi.org

CSA

CSA America Standards Inc.
8501 East Pleasant Valley Road
Cleveland, OH 44131
www.csagroup.org
Debbie Chesnik
ansi.contact@csagroup.org

CTA

Consumer Technology Association
1919 S. Eads Street
Arlington, VA 22202
www.cta.tech
Catrina Akers
cakers@cta.tech

EOS/ESD

ESD Association, Inc.
218 W. Court Street
Rome, NY 13440
www.esda.org
Jennifer Kirk
jkirk@esda.org

ESTA

Entertainment Services and Technology
Association
271 Cadman Plaza, P.O. Box 23200
Brooklyn, NY 11202
www.esta.org
Karl Ruling
standards@esta.org
Richard Nix
standards@esta.org

IAPMO (Z)

International Association of Plumbing &
Mechanical Officials
4755 East Philadelphia Street
Ontario, CA 91761
<https://www.iapmostandards.org>
Hugo Aguilar
hugo.aguilar@iapmo.org

IEEE

Institute of Electrical and Electronics
Engineers
445 Hoes Lane
Piscataway, NJ 08854
www.ieee.org
Lisa Weisser
l.weisser@ieee.org

ANSI-Accredited Standards Developers Contact Information

IEEE (ASC C2)

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

Illuminating Engineering Society
120 Wall Street, Floor 17
New York, NY 10005
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ITI (INCITS)

InterNational Committee for Information Technology Standards
700 K Street NW, Suite 600
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NCPDP

National Council for Prescription Drug Programs
9240 East Raintree Drive
Scottsdale, AZ 85260
www.ncpdp.org
Margaret Weiker
mweiker@ncpdp.org

NEMA (ASC C29)

National Electrical Manufacturers Association
1300 17th St N #900,
Arlington, VA 22209
www.nema.org
Paul Crampton
Paul.Crampton@nema.org

NEMA (ASC C78)

National Electrical Manufacturers Association
1300 N 17th St
Rosslyn, VA 22209
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Michael Erbesfeld
Michael.Erbesfeld@nema.org

NFPA

National Fire Protection Association
One Batterymarch Park
Quincy, MA 02269
www.nfpa.org
Patrick Foley
PFoley@nfpa.org

NSF

NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105
www.nsf.org
Jason Snider
jsnider@nsf.org
Monica Milla
mmilla@nsf.org
Rachel Brooker
rbrooker@nsf.org

SCTE

Society of Cable Telecommunications Engineers
140 Philips Rd
Exton, PA 19341
www.scte.org
Kim Cooney
kcooney@scte.org

TCNA (ASC A108)

Tile Council of North America
100 Clemson Research Blvd.
Anderson, SC 29625
www.tcnatile.com
Katelyn Simpson
KSimpson@tileusa.com

TIA

Telecommunications Industry Association
1320 North Courthouse Road, Suite 200
Arlington, VA 22201
www.tiaonline.org
Teesha Jenkins
standards-process@tiaonline.org

UL

Underwriters Laboratories
12 Laboratory Drive
Research Triangle Park, NC 27709
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WMA

World Millwork Alliance
10047 Robert Trent Jones Parkway
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Jessica Ferris
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ISO & IEC Draft International Standards



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

COMMENTS

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

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

ORDERING INSTRUCTIONS

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

ISO Standards

Aircraft and space vehicles (TC 20)

ISO/FDIS 24356, General requirements for tethered unmanned aircraft systems - 8/1/2021, \$58.00

ISO/DIS 24412, Space systems - Thermal vacuum environmental testing - 2/21/2022, \$98.00

ISO/DIS 27996, Aerospace fluid systems - Elastomer seals - Storage and shelf life - 2/21/2022, \$46.00

Building construction (TC 59)

ISO/FDIS 29481-3, Building information models - Information delivery manual - Part 3: Data schema and code - 7/2/2021, \$98.00

Cleaning equipment for air and other gases (TC 142)

ISO/FDIS 16890-2, Air filters for general ventilation - Part 2: Measurement of fractional efficiency and air flow resistance - 4/10/2020, \$125.00

ISO/FDIS 16890-4, Air filters for general ventilation - Part 4: Conditioning method to determine the minimum fractional test efficiency - 2/14/2020, \$58.00

Corrosion of metals and alloys (TC 156)

ISO/DIS 4905, Corrosion of metals and alloys - Electrochemical test methods - Guideline for electrochemical measurements in high temperature molten salts - 7/9/2022, \$58.00

Dentistry (TC 106)

ISO/DIS 3990, Dentistry - Evaluation of antibacterial activity of dental restorative materials, luting cements, fissure sealants and orthodontic bonding or luting materials - 2/13/2022, \$77.00

ISO/DIS 23401-1, Dentistry - Chairside denture base relining materials - Part 1: Hard type materials - 2/20/2022, \$58.00

Fine ceramics (TC 206)

ISO/DIS 3180, Fine ceramics (advanced ceramics, advanced technical ceramics) - Methods for chemical analysis of calcium phosphate based powders for non-biomedical applications - 7/15/2022, \$77.00

Fluid power systems (TC 131)

ISO/FDIS 4405, Hydraulic fluid power - Fluid contamination - Determination of particulate contamination by the gravimetric method - 6/13/2021, \$62.00

Industrial trucks (TC 110)

ISO/DIS 20297-2, Industrial trucks - Lorry-mounted trucks - Part 2: Safe use requirements - 7/10/2022, \$67.00

Machine tools (TC 39)

ISO/DIS 19085-7, Woodworking machines - Safety - Part 7: Surface planing, thickness planing, combined surface/thickness planing machines - 7/10/2022, \$119.00

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

ISO/DIS 6338, Method to calculate GHG emissions at LNG plant - 7/8/2022, \$119.00

ISO/DIS 15551, Petroleum and natural gas industries - Drilling and production equipment - Electric submersible pump systems for artificial lift - 7/9/2022, \$175.00

Nuclear energy (TC 85)

ISO/DIS 20043-2, Measurement of radioactivity in the environment - Guidelines for effective dose assessment using environmental monitoring data - Part 2: Nuclear emergency exposure situation - 7/4/2022, \$102.00

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

ISO/DIS 4981, Plastic piping systems for non-pressure underground conveyance and storage of non-potable water - Boxes used for retention, detention, transportation and storage systems - Specifications for storm water boxes made of PP and PVC-U - 2/24/2022, \$71.00

ISO/DIS 4982, Plastics piping systems for non-pressure underground conveyance and storage of non-potable water - Arch-shaped, corrugated wall chambers made of PE or PP used for retention, detention, transportation and storage systems - Product specifications and performance criteria - 2/24/2022, \$107.00

Prosthetics and orthotics (TC 168)

ISO/DIS 22523, External limb prostheses and external orthoses - Requirements and test methods - 2/24/2022, \$134.00

Pulleys and belts (including veebelts) (TC 41)

ISO/DIS 283, Textile conveyor belts - Full thickness tensile strength, elongation at break and elongation at the reference load - Test method - 2/21/2022, \$53.00

Refrigeration (TC 86)

ISO/DIS 5222-1, Heat recovery ventilators and energy recovery ventilators - Testing and calculating methods for seasonal performance factor - Part 1: Sensible heating recovery seasonal performance factors of HRV - 2/20/2022, \$93.00

Road vehicles (TC 22)

ISO/DIS 23150, Road vehicles - Data communication between sensors and data fusion unit for automated driving functions - Logical interface - 7/8/2022, \$245.00

ISO/DIS 19642-1, Road vehicles - Automotive cables - Part 1: Vocabulary and design guidelines - 7/10/2022, \$93.00

Rubber and rubber products (TC 45)

ISO/DIS 5978, Rubber or plastics-coated fabrics - Determination of blocking resistance - 7/8/2022, \$40.00

ISO/DIS 22640, Rubber - Framework for physical and chemical characterization of tyre and road wear particles (TRWP) - 7/9/2022, \$46.00

Ships and marine technology (TC 8)

ISO/DIS 5476, Ships and Marine Technology - Virtual reality and simulation training systems for lifesaving appliances and arrangements - 7/8/2022, \$62.00

Solid biofuels (TC 238)

ISO/DIS 18123, Solid biofuels - Determination of volatile matter - 7/8/2022, \$46.00

ISO/DIS 17225-8, Solid biofuels - Fuel specifications and classes - Part 8: Graded thermally treated and densified biomass fuels for commercial and industrial use - 2/20/2022, \$77.00

ISO/DIS 18134-3, Solid biofuels - Determination of moisture content - Oven dry method - Part 3: Moisture in general analysis sample - 7/10/2022, \$40.00

Thermal insulation (TC 163)

ISO/DIS 52016-3, Energy performance of buildings - Energy needs for heating and cooling, internal temperatures and sensible and latent heat loads - Part 3: Calculation procedures regarding adaptive building envelope elements - 2/20/2022, \$134.00

Timber (TC 218)

ISO/FDIS 8965, Logging industry - Technology - Vocabulary - 9/13/2021, \$62.00

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

ISO 3826-1:2019/DAMd 1, - Amendment 1: Plastics collapsible containers for human blood and blood components - Part 1: Conventional containers - Amendment 1 - 7/10/2022, \$29.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 17360, Automatic identification and data capture techniques - Supply chain applications of RFID - Product tagging, product packaging, transport units, returnable transport units (RTIs) and returnable packaging items (RPIs) - 7/9/2022, \$112.00

ISO/IEC DIS 4396-7, Telecommunications and information exchange between systems - Future network recursive inter-network architecture - Part 7: Flow allocator protocol - 5/13/2021, \$62.00

ISO/IEC DIS 4396-9, Telecommunications and information exchange between systems - Future network recursive inter-network architecture - Part 9: Error and flow control protocol - 5/13/2021, \$112.00

ISO/IEC DIS 19566-8, Information technologies - JPEG systems - Part 8: JPEG Snack - 2/21/2022, \$112.00

ISO/IEC FDIS 23009-1, Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 1: Media presentation description and segment formats -, \$230.00

ISO/IEC DIS 23090-2, Information technology - Coded representation of immersive media - Part 2: Omnidirectional media format - 2/20/2022, \$245.00

ISO/IEC/IEEE FDIS 42010, Software, systems and enterprise - Architecture description - 10/17/2020, \$134.00

IEC Standards

Alarm systems (TC 79)

79/658/FDIS, IEC 62676-2-33 ED1: Video surveillance systems for use in security applications - Part 2-33: Cloud uplink and remote management system access, 06/03/2022

All-or-nothing electrical relays (TC 94)

94/696/CD, IEC 61810-7-21 ED1: All-or-nothing electrical relays - Tests and Measurements - Part 7-21: Thermal Endurance, 06/17/2022

94/697/CD, IEC 61810-7-4 ED1: All-or-nothing electrical relays - Tests and Measurements Part 7-4: Dielectric strength test, 06/17/2022

94/694/CD, IEC 61810-7-40 ED1: All-or-nothing electrical relays - Tests and Measurements - Part 7-40: Short circuit testing, 06/17/2022

94/695/CD, IEC 61810-7-41 ED1: All-or-nothing electrical relays - Tests and Measurements - Part 7-41: Insulation coordination, 06/17/2022

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

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

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

Electrical accessories (TC 23)

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

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

23K/66/CDV, IEC 63345 ED1: Energy Efficiency Systems - Simple External Consumer Display, 07/15/2022

Electrical installations of buildings (TC 64)

64/2558/FDIS, IEC 60364-5-57 ED1: Low-voltage electrical installations - Part 5-57: Selection and erection of electrical equipment - Erection of stationary secondary batteries, 06/03/2022

64/2559/FDIS, IEC 60364-8-82 ED1: Low-voltage electrical installations - Part 8-82: Functional aspects - Prosumer's low-voltage electrical installations, 06/03/2022

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

18A/449/CD, IEC 60092-378 ED1: Electrical installations in ships - Part 378: Optical fiber cables, 07/15/2022

18A/450/CD, IEC 60092-379 ED1: Electrical installations in ships - Part 379: Ethernet (category) cables, 07/15/2022

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

48B/2963/CD, IEC 60512-99-003 ED1: Connectors for electrical and electronic equipment - Tests and measurements - Part 99-003: Endurance test schedules - Test 99c: Test schedule for balanced single-pair connectors unmating under electrical load, 07/15/2022

Fibre optics (TC 86)

86A/2198/CD, IEC 60794-2-20 ED4: Optical fibre cables - Part 2-20: Indoor cables - Family specification for multi-fibre optical cables, 07/15/2022

86C/1785/CDV, IEC 62007-1/AMD1 ED3: Amendment 1 - Semiconductor optoelectronic devices for fibre optic system applications - Part 1: Specification template for essential ratings and characteristics, 07/15/2022

86C/1786/CDV, IEC 62148-12/AMD1 ED1: Amendment 1 - Fibre optic active components and devices - Package and interface standards - Part 12: Laser transmitters with a coaxial RF connector, 07/15/2022

86/600/CD, IEC 62522 ED2: Calibration of tuneable laser sources, 07/15/2022

Flat Panel Display Devices (TC 110)

110/1415/CDV, IEC 62977-3-9 ED1: Electronic displays - Part 3-9: Evaluation of optical performance - Measurements of display sparkle contrast, 07/15/2022

Industrial-process measurement and control (TC 65)

65C/1168/FDIS, IEC 61139-2 ED1: Industrial networks - Single-drop digital communication interface - Part 2: Functional safety extensions, 06/03/2022

Insulators (TC 36)

36/542(F)/CDV, IEC 60437 ED3: Radio interference test on high-voltage insulators, 06/24/2022

Lamps and related equipment (TC 34)

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

Lightning protection (TC 81)

81/693/CDV, IEC 62305-4 ED3: Protection against lightning - Part 4: Electrical and electronic systems within structures, 07/15/2022

Performance of household electrical appliances (TC 59)

59D/484/CD, IEC TS 63429 ED1: Washing machines for household use - Method for measuring the microbiological performance, 07/15/2022

Power capacitors (TC 33)

33/673/CDV, IEC 62146-2 ED1: Grading capacitors for high-voltage alternating current circuit-breakers - Part 2: TRV capacitors, 07/15/2022

Power system control and associated communications (TC 57)

57/2492/DTR, IEC TR 61850-90-22 ED1: Communication networks and systems for power utility automation - Part 90-22: SCD based substation network auto-routing with visualization and supervision support, 06/17/2022

Rotating machinery (TC 2)

2/2102/NP, PNW TS 2-2102 ED1: Technical Specification for on-line partial discharge measurements of rotating machine windings supplied from an inverter, 07/15/2022

Semiconductor devices (TC 47)

47/2766/NP, PNW 47-2766 ED1: Semiconductor devices - Performance evaluation of autonomous vehicle detection system - Part 1: Optical performance testing methods of LiDAR device, 07/15/2022

47E/787/NP, PNW 47E-787 ED1: Semiconductor devices - Part 16-11: Microwave integrated circuits - Detectors, 07/15/2022

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

121B/154/CD, IEC TS 63290 ED1: General supplementary requirements for intelligent assemblies, 07/15/2022

(JTC1)

JTC1-SC25/3090/CD, ISO/IEC 14763-5 ED1: Information technology - Implementation and operation of customer premises cabling - Part 5 Sustainability, 07/15/2022

Ultrasonics (TC 87)

87/793/CD, IEC 63412-1 ED1: Ultrasonics - Shear-wave elastography - Part 1: Specifications for the user interface, 07/15/2022

Wearable electronic devices and technologies (TC 124)

124/177/CDV, IEC 63203-204-1 ED2: Wearable electronic devices and technologies - Part 204-1: Electronic textile - Test method for assessing washing durability of e-textile products, 07/15/2022



Newly Published ISO & IEC Standards

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

ISO Standards

Air quality (TC 146)

[ISO 23435:2022](#), Air quality - Test methods for snow depth sensors, \$111.00

Cork (TC 87)

[ISO 9727-8:2022](#), Cylindrical cork stoppers - Physical tests - Part 8: Determination of capillarity, \$48.00

Internal combustion engines (TC 70)

[ISO 7967-10:2022](#), Reciprocating internal combustion engines - Vocabulary of components and systems - Part 10: Ignition systems, \$48.00

Laboratory glassware and related apparatus (TC 48)

[ISO 8655-1:2022](#), Piston-operated volumetric apparatus - Part 1: Terminology, general requirements and user recommendations, \$73.00

[ISO 8655-2:2022](#), Piston-operated volumetric apparatus - Part 2: Pipettes, \$111.00

[ISO 8655-3:2022](#), Piston-operated volumetric apparatus - Part 3: Burettes, \$48.00

[ISO 8655-4:2022](#), Piston-operated volumetric apparatus - Part 4: Dilutors, \$48.00

[ISO 8655-5:2022](#), Piston-operated volumetric apparatus - Part 5: Dispensers, \$73.00

[ISO 8655-6:2022](#), Piston-operated volumetric apparatus - Part 6: Gravimetric reference measurement procedure for the determination of volume, \$111.00

[ISO 8655-7:2022](#), Piston-operated volumetric apparatus - Part 7: Alternative measurement procedures for the determination of volume, \$200.00

[ISO 8655-8:2022](#), Piston-operated volumetric apparatus - Part 8: Photometric reference measurement procedure for the determination of volume, \$111.00

[ISO 8655-9:2022](#), Piston-operated volumetric apparatus - Part 9: Manually operated precision laboratory syringes, \$73.00

Road vehicles (TC 22)

[ISO 14229-5:2022](#), Road vehicles - Unified diagnostic services (UDS) - Part 5: Unified diagnostic services on Internet Protocol implementation (UDSonIP), \$149.00

[ISO 14229-7:2022](#), Road vehicles - Unified diagnostic services (UDS) - Part 7: UDS on local interconnect network (UDSonLIN), \$111.00

[ISO 17447-1:2022](#), Road Vehicles - Glow plugs with conical seating and their cylinder head housing - Part 1: Basic characteristics and dimensions for metal-sheath-type glow plugs, \$111.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 23003-7:2022](#), Information technology - MPEG audio technologies - Part 7: Unified speech and audio coding conformance testing, \$200.00

IEC Standards

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

[IEC 62623 Ed. 2.0 b:2022](#), Desktop and notebook computers - Measurement of energy consumption, \$310.00

[S+ IEC 62623 Ed. 2.0 en:2022 \(Redline version\)](#), Desktop and notebook computers - Measurement of energy consumption, \$404.00

Electrostatics (TC 101)

[IEC 61340-5-3 Ed. 3.0 b:2022](#), Electrostatics - Part 5-3: Protection of electronic devices from electrostatic phenomena - Properties and requirements classification for packaging intended for electrostatic discharge sensitive devices, \$183.00

[IEC 61340-5-3 Ed. 3.0 en:2022 CMV](#), Electrostatics - Part 5-3: Protection of electronic devices from electrostatic phenomena - Properties and requirements classification for packaging intended for electrostatic discharge sensitive devices, \$313.00

Fibre optics (TC 86)

[IEC 60794-3-40 Ed. 2.0 b:2022](#), Optical fibre cables - Part 3-40: Outdoor cables - Family specification for cables for storm and sanitary sewers, \$259.00

[IEC 60794-1-310 Ed. 1.0 b:2022](#), <p>Optical fibre cables - Part 1-310: Generic specification - Basic optical cable test procedures - Cable element test methods - Strippability, method G10</p>, \$89.00

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

[IEC 63370 Ed. 1.0 b:2022](#), Lithium-ion batteries and charging systems - Safety, \$259.00

[IEC 62841-3-5 Ed. 1.0 b:2022](#), <p>Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-5: Particular requirements for transportable band saws</p>, \$183.00

Semiconductor devices (TC 47)

[IEC 60747-5-4 Ed. 2.0 en:2022](#), Semiconductor devices - Part 5-4: Optoelectronic devices - Semiconductor lasers, \$259.00

[IEC 60749-10 Ed. 2.0 b:2022](#), Semiconductor devices - Mechanical and climatic test methods - Part 10: Mechanical shock - device and subassembly, \$89.00

Switchgear and controlgear (TC 17)

[IEC 62271-102 Amd.1 Ed. 2.0 b:2022](#), Amendment 1 - High-voltage switchgear and controlgear - Part 102: Alternating current disconnectors and earthing switches, \$13.00

[IEC 62271-102 Ed. 2.1 b:2022](#), High-voltage switchgear and controlgear - Part 102: Alternating current disconnectors and earthing switches, \$569.00

Wearable electronic devices and technologies (TC 124)

[IEC 63203-201-1 Ed. 1.0 b:2022](#), Wearable electronic devices and technologies - Part 201-1: Electronic textile - Measurement methods for basic properties of conductive yarns, \$89.00

[IEC 63203-201-2 Ed. 1.0 b:2022](#), Wearable electronic devices and technologies - Part 201-2: Electronic textile - Measurement methods for basic properties of conductive fabrics and insulation materials, \$133.00

IEC Technical Reports**Surface mounting technology (TC 91)**

[IEC/TR 62878-2-9 Ed. 1.0 en:2022](#), Device embedding assembly technology - Part 2-9: Guidelines - Concept of JISSO level in the electronic assembly technology industries, \$89.00

Transmitting equipment for radio communication (TC 103)

[IEC/TR 63352 Ed. 1.0 en:2022](#), Transmitting and receiving equipment for radiocommunication - Radio spectrum measurement method - 300-GHz spectrum measurement equipment, \$221.00

IEC Technical Specifications**Electrical Energy Storage (EES) Systems (TC 120)**

[IEC/TS 62933-2-2 Ed. 1.0 en:2022](#), Electrical energy storage (EES) systems - Part 2-2: Unit parameters and testing methods - Application and performance testing, \$392.00

Accreditation Announcements (U.S. TAGs to ISO)

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

TC 2/SC 14, Surface coatings

Submit Comments by May 31, 2022

ASTM International has submitted an Application for Accreditation for a new proposed U.S. Technical Advisory Group (TAG) to ISO TC 2/SC 14, Fasteners: Surface Coatings, and a request for approval as TAG Administrator. The proposed TAG intends to operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

To obtain a copy of the TAG application or to offer comments, please contact: Ms. Jennifer Rodgers, General Manager, Technical Committee Operations, ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428; phone: 610.832.9694; Email: jrodgers@astm.org . Please submit any comments to ASTM by May 31, 2022 (please copy jthomps@ansi.org).

International Electrotechnical Commission (IEC)

USNC TAG Administrator - Organization Needed

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

Deadline April 29, 2022

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

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

Scope: CIS/A - Radio-Interference Measurements and Statistical Methods

Standardization of:

- a) measuring instruments, ancillary apparatus and test sites;
- b) measuring methods common to several applications;

NOTE The method of connection, arrangement and use of equipment for the measurement of a particular source of disturbance is primarily the responsibility of the subcommittee dealing with that source, but liaison is maintained with Subcommittee A to achieve the maximum coordination.

- c) treatment of uncertainties in CISPR compliance tests
- d) sampling methods used in statistical interpretation of disturbance measurement results and used in correlating the measurement of disturbance with its effect on signal reception; for publication in CISPR basic EMC standards and related technical reports. Evaluation of proposals for methods of measurement developed by other CISPR subcommittees, and consideration of those proposals for publication in CISPR basic or product standards.

International Electrotechnical Commission (IEC)

USNC TAG Administrator - Organization Needed

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

Deadline April 29, 2022

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

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

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

General purpose applications

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

ISM RF applications

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

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

International Electrotechnical Commission (IEC)

USNC TAG Administrator - Organization Needed

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

Deadline April 29, 2022

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

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

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

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

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

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

International Electrotechnical Commission (IEC)

USNC TAG Administrator - Organization Needed

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

Deadline April 29, 2022

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

Scope: CIS/H - Limits for the protection of radio services

Standardization in the field of identification of generic-type limits and methods of measurement for the assessment and control of radio frequency disturbances from any kind of electrical or electronic appliance intended for operation and use in a given electromagnetic environment, and incorporation of these requirements in the respective CISPR Generic Emission Standards.

Standardization in the field of CISPR coupling and disturbance models for determination of emission limits for the protection of radio services taking into account the needs of Product Committees.

Maintenance for the database for the characteristics of radio services.

Evaluation of proposals for limits for control of radio frequency disturbances developed by subcommittees of CISPR and review for their inclusion in CISPR Product Standards.

USNC TAG Administrator - Organization Needed

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

Deadline April 29, 2022

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

Scope: CIS/I - Electromagnetic compatibility of information technology equipment, multi-media equipment and receivers

Standardization in the field of EMC to establish limits and particular methods of measurement for the control of radio frequency disturbances from immunity of Multimedia Equipment including Information Technology Equipment, Radio and TV Broadcast Receivers and Associated Equipment.

The radio transmission aspects of MME transceivers and transmitters are excluded from the work of CISPR/I and are activities handled by other international standards organizations such as ITU-R.

International Electrotechnical Commission (IEC)

USNC TAG Administrator - Organization Needed

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

Deadline April 29, 2022

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

Scope: CISPR - International Special Committee on Radio Interference

Standardization in the field of electromagnetic compatibility (EMC) including:

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

I-MEMBERS

CISPR's member constituency includes more than national committees. I-members are shown here as CISPR is a special committee, unique in this aspect. I-members are shown on CISPR dashboard under the liaisons tab.

Currently the following organisations are I-members of CISPR:

- CIGRE (International Council on Large Electric Systems)
- EBU (European Broadcasting Union)
- ECMA International
- ETSI (European Telecommunications Standards Institute)
- IARU (International Amateur Radio Union)
- ITU-R (International Telecommunication Union - Radio-communication Sector)
- ITU-T (International Telecommunication Union - Telecommunication Standardization Sector)

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

International Electrotechnical Commission (IEC)

USNC TAG Administrator - Organization Needed

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

Deadline April 29, 2022

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

Scope: SC 77A - EMC – Low frequency phenomena

Standardization in the field of electromagnetic compatibility with regard to low frequency phenomena (ca \leq 9 kHz, see note).

Note: This limit frequency can be adapted to a higher frequency according to the phenomena or equipment

USNC TAG Administrator - Organization Needed

USNC TAG to IEC SC 77B - High frequency phenomena

Deadline April 29, 2022

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

Scope: SC 77B - High frequency phenomena

Standardization in the field of electromagnetic compatibility with regard to high frequency continuous and transient phenomena (ca $>$ 9 kHz, see Note).

Note: This limit frequency can be adapted toward a lower or higher frequency according to the phenomena or equipment.

USNC TAG Administrator - Organization Needed

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

Deadline April 29, 2022

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

Scope: SC 77C - High power transient phenomena

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

Lightning and other transient phenomena are excluded from the scope of SC 77C.

International Electrotechnical Commission (IEC)

USNC TAG Administrator - Organization Needed

USNC TAG to IEC TC 77 - Electromagnetic compatibility

Deadline April 29, 2022

If an organization is interested in the position of USNC TAG Administrator for the USNC TAG to IEC/TC 77, they are invited to contact Betty Barro at bbarro@ansi.org by April 29th, 2022.

Scope: TC 77 - Electromagnetic compatibility

Standardization

- to prepare standards and technical reports
- in the field of electromagnetic compatibility (EMC), with particular emphasis on general application and use by product committees. (Horizontal function).

The scope covers the following aspects of EMC:

- Immunity and related items, over the whole frequency range: basic and generic standards,
- emission in the low frequency range ($f \leq 9$ kHz, e.g. harmonics and voltage fluctuations): basic, generic and product (family) standards,
- emission in the high frequency range ($f > 9$ kHz): disturbances not covered by CISPR 10 (1992), in co-ordination with CISPR (e.g. mains signalling).

Product immunity standards are not included. However, at the request of product committees, TC 77 may also prepare such standards under the co-ordination of ACEC.

Horizontal Safety Function: Electromagnetic compatibility in so far as safety aspects are involved.

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Online catering service

Comment Deadline: June 10, 2022

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

Standardization in the field of online catering service. The scope will include, but is not limited to:

- *Vocabulary, principles, and framework of online catering service,*
- *Guidelines for service of online catering service providers, including physical restaurants, virtual kitchens/virtual restaurants*
- *Contents and methods of meal display and information description on online catering service website/App, and accessible online ordering,*
- *Operation management of online catering service providers, including purchasing and inventory, marketing,*
- *Monitoring, evaluation, and improvement of service.*

Excluded: Standardization covered by ISO/TC 34/SC 17(food safety management), ISO/TC 122(Packaging), ISO/TC 228/WG 16(Tourism and related services - Restaurants), ISO/TC 268/SC 2(Sustainable cities and communities - Sustainable mobility and transportation), ISO/TC 290(Online reputation) and ISO/TC 315(Cold chain logistics), and ISO/TC 326(Machinery intended for use with foodstuffs)

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (sot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, June 10, 2022.

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Smart Distribution in Logistics

Comment Deadline: June 3, 2022

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

The scope of the proposed new technical committee is to standardize services, techniques application and management in the field of distribution in logistics, specifically including the process of distributing goods from manufacturer or distributor to regional hub, distribution center, and ultimately to businesses such as urban retailers, and to improve the quality, safety and efficiency of distribution operations, and to enhance the stability, flexibility and sustainability of distribution in logistics.

The scope will include, but is not limited to;

- *Development of general requirement, framework, metrics, guidance, performance indicator, evaluation for smart distribution in logistics, etc.;*
- *Provision of service assurance for smart distribution in logistics (e.g. smart operation of distribution center, freight fleet management, education and training for operators, etc.)*
- *Operation, service and synergy optimization of distribution in logistics (e.g. order processing, cargo consolidation, sorting, picking, storage, repackaging and protective handling, loading, unloading, capacity allocation, shipping, distribution, other customized services, etc.)*

Excluded :

- *ISO/TC 22 Road vehicles*
- *ISO/TC 34 Food products*
- *ISO/TC122 Packaging*
- *ISO/TC 204 Intelligent transport systems*
- *ISO/TC 268 Sustainable cities and communities*
- *ISO/TC 315 Cold chain logistics*
- *ISO/TC 321 Transaction assurance in E-commerce*

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (sot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, June 3, 2022.

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4975.

When organization names are submitted to ANSI for registration, they will be listed here alphanumerically. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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



Standard for Public Safety Telecommunicators when Responding to Calls of Missing, Abducted and Sexually Exploited Children

APCO Candidate ANS 1.101.4-202X

Only **highlighted text** is open for Public Review and Comment. For reference only, the entire draft can be found [here](#)

EXECUTIVE SUMMARY {...} FBI statistics show over 350,000 NCIC entries for missing or **endangered** children each year, with run aways as the majority of cases. {...} **In 2020, 1** in 6 of the missing children report to NCMEC who had run away were likely child sex trafficking victims.

INTRODUCTION {...} This standard is recommended for use in concert with the following NCMEC publications: 5. Investigative Checklist for Law Enforcement When Responding to Missing Children **on the Autism Spectrum**

2.2.1.5.2 A missing child whose young age inherently puts the child at increased risk or whose young age makes it inappropriate to categorize as an **endangered** runaway, even if the child is missing on his or her own accord.

Chapter 3 Developing a Policy for Emergency Communications Centers Response to Missing, Abducted and Sexually Exploited Children {...}

28 3.2.2 {...} The Model Policy covers critically important procedural considerations for
29 PSTs, first responding field officers, field supervisors and case investigators and
30 attempts to present the response process in a logical progression from case intake
31 through first field response and case investigation through recovery and case
32 closure.

33 4.2 {...} 4.2.1.2 Obtain information on the location and nature of the emergency
34 (initial intake elements) which shall be asked as the first step when using each of the
35 Call Intake Protocols (Abduction, LIMs, **Endangered** Runaway/Abandoned).

36 Chapter 5 Call Intake Protocols: Scope: The following protocols for call intake are
37 intended to create a framework for the best possible call handling and first response
38 outcomes in response to Abduction, LIMs, and **Endangered** Runaway/Abandoned
39 incidents.

40 5.1.3.5 Known **Endangered** Runaway/Abandoned: A child is known to have run away
41 or been abandoned.

42 5.2.3.13 Does the child have any **known intellectual, developmental or physical**
43 **disabilities** or mental health disorders?

44 5.4 **Endangered** Runaway and Abandoned Call Intake Protocol

45 5.4.1 A Note on Handling **Endangered** Runaway Incidents

46 5.4.1.1 ECCs consistently acknowledge the complexities and logistical concerns
47 associated with effective and diligent handling of calls reporting **Endangered**
48 Runaway children , especially those who have been labeled as “habitual” runaways.
49 Many ECCs/departments struggle with performing comprehensive intake and
50 incident management in light of the volume and/or frequency of these **endangered**
51 runaway reports.

52 5.4.1.2 In designing the protocol for reports of **endangered** runaway and abandoned
53 children, a focus on providing the most comprehensive framework for intake of
54 critically important information has been applied.

55 5.4.2.11 {...} How many times has the child run away or **been reported** missing?
56 Were there any special or specific circumstances associated with the child’s previous
57 **missing** incidents?

58 5.4.3.13 Does the child have any **known intellectual, developmental or physical**
59 **disabilities or mental health disorders**?

60 5.4.6 Additional Work with **Endangered** Runaway/Abandoned Incident Information:

61 5.5.1.2 {...} Missing, abducted, **endangered** runaway/abandoned and exploited child
62 policies and operational procedures.

63 Chapter 6: 6.1.3 {...} It is a federal crime to knowingly recruit, entice, harbor,
64 transport, provide or obtain, **advertise, maintain, patronize or solicit** by any means a

65 child under the age of 18 to engage in commercial sex act. It is also illegal to benefit,
66 either financially or by receiving anything of value, from participation in a
67 **commercial** sex act. (18 U.S.C. §1591)

68 6.1.2.4 {...} It is a federal crime for a U. S. **resident** to travel to another country
69 intending to engage in sexual activity with a child under the aged of 18 that would
70 be illegal if it occurred in the U.S. (18 U.S.C. §2423).

71 6.2.2 **All** protocols should align with the required information for all responders and
72 stake holders.

73 Chapter 7: 7.3.1 If the reporting person has information about a suspect, such as a
74 trafficker, **sex buyer** or information about the child victim, ask the series of
75 questions noted below based upon the child's status.

76 7.6.2.1 Federal law (18 U.S.C. §2258A) requires electronic service providers (ESPs) to
77 **report apparent child pornography to NCMEC's CyberTipline when they become**
78 **aware of it.**

79 Appendix: NCMEC Resources: Reporting Missing Children {...} assist **deaf or hard of**
80 **hearing** callers and coordinates access to communicate with callers in more than 200
81 different languages;

82 Appendix: Assisting in Missing Child Cases: Overview: NCMEC is ready to assist
83 families, **caregivers**, and law enforcement agencies 24 hours a day. {...} NCMC is
84 prepared to assist in all missing child cases, particularly when a child has been
85 missing for a long period of time, was abducted internationally by a parent or **is on**
86 **the Autism Spectrum.**

87 Acronyms and Abbreviations: AA: **AMBER Alert Training and Technical Assistance**
88 **Program**

89 Glossary: {...} Federal Definition of Child Pornography: **Federal Law criminalizes visual**
90 **depictions of a minor (anyone younger than the age of 18) engaged in sexually**
91 **explicit conduct. Possessing, manufacturing, producing or distributing child**
92 **pornography is a federal crime. In addition, all states have similar laws criminalizing**
93 **child pornography. Please review the state statues in your jurisdiction. Note: Nude**
94 **images of children may constitute child pornography.**



**BSR/ASHRAE Addendum ab
to ANSI/ASHRAE Standard 34-2019**

Public Review Draft

**Proposed Addendum ab to
Standard 34-2019, Designation and
Safety Classification of
Refrigerants**

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

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

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180 Technology Parkway NW, Peachtree Corners, GA 30092

BSR/ASHRAE Addendum ab to ANSI/ASHRAE Standard 34-2019, *Designation and Safety Classification of Refrigerants*
First Public Review Draft

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FOREWORD

This addendum adds the zeotropic refrigerant blend R-476A to Tables 4-2 and D-2.

Note: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strike through~~ (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 ab to Standard 34-2019

Modify Tables 4-2 and D-2 as shown.

Table 4-2 Data and Safety Classifications for Refrigerant Blends

Refrigerant Number = 476A

Composition (Mass %) = R-134a/1234ze(E)/1336mzz(E) (10.0/78.0/12.0)

Composition tolerances = +2.0,-0.5/+0.5,-2.0/+2.0,-0.5

OEL = 750 ppm v/v

Safety Group = A1

RCL = 38,000 ppm v/v; 11 lb/Mcf; 180 g/m³

Highly Toxic or Toxic Under Code Classification = Neither

Table D-2 Data Classifications for Refrigerant Blends

Refrigerant Number = 476A

Composition (Mass %) = R-134a/1234ze(E)/1336mzz(E) (10.0/78.0/12.0)

Average Relative Molar Mass = 116.9 g/mol

Bubble Point (°F) = -2.4

Dew Point (°F) = 2.9

Bubble Point (°C) = -19.1

Dew Point (°C) = -16.1



**BSR/ASHRAE Addendum ac
to ANSI/ASHRAE Standard 34-2019**

Public Review Draft

Proposed Addendum ac to Standard 34-2019, Designation and Safety Classification of Refrigerants

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BSR/ASHRAE Addendum ac to ANSI/ASHRAE Standard 34-2019, *Designation and Safety Classification of Refrigerants*
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FOREWORD

This proposed addendum provides clarification on the pressure range for flammability testing by revising Sections B1.1 and B1.9.

Note: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strike through~~ (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 ac to Standard 34-2019

Modify Normative Appendix B as follows. The remainder of Normative Appendix B remains unchanged.

(This appendix is a normative appendix and is part of this standard.)

NORMATIVE APPENDIX B—DETAILS OF TESTING—FLAMMABILITY

B1. FLAMMABILITY TESTING

[...]

B1.1 Test Conditions

- a. For single-compound refrigerants, flammability tests shall be conducted at 140°F (60°C) and ~~14.7 psia (101.3 kPa)~~ ambient pressures between 14.1 psia (97.3 kPa) and 15.1 psia (104.0 kPa). Testing shall be conducted up to and including the point at which flame propagation is demonstrated. ...

[...]

- b. For refrigerant blends, flammability tests shall be conducted on the WCF at 140°F (60°C) and ~~14.7 psia (101.3 kPa)~~ ambient pressures between 14.1 psia (97.3 kPa) and 15.1 psia (104.0 kPa) and also shall be conducted on the WCFF at 140°F (60°C) and ~~14.7 psia (101.3 kPa)~~ ambient pressures between 14.1 psia (97.3 kPa) and 15.1 psia (104.0 kPa). The WCFF shall be determined by the method specified in Section B2. ...

[...]

- c. For refrigerant those refrigerants that show flame propagation in accordance with step (a) or (b), flammability testing shall also be conducted at 73.4°F (23.0°C) and ~~14.7 psia (101.3 kPa)~~ ambient pressures between 14.1 psia (97.3 kPa) and 15.1 psia (104.0 kPa) to determine the LFL. The LFL normally is expressed as refrigerant percentage by volume percent; multiply this by 0.00041 × relative molar mass (g·mol) to obtain kg/m³, or by 0.000026 × relative molar mass (g·mol) to obtain lb/ft³. ...

[...]

B1.9 Flammability Test Data Required. ...

[...]

- d. ~~test pressure: ±0.1 psi (0.7 kPa);~~

BSR/ASHRAE Addendum c to ANSI/ASHRAE Standard 188-2018, Legionellosis: Risk Management for Building Water Systems
First Public Review Draft

Note: Renumber following Section B1.9 list items accordingly.

Public Review Draft

Proposed Addendum s to Standard 189.1-2020

Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings

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

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

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Foreword

This addendum adds language that the code official can use to disallow improper installation of equipment in a construction project. It requires that all equipment, appliances, and devices be installed in accordance with manufacturer's instructions and the conditions of any listing.

It is not expected that action will be needed to enforce these requirements in most building projects. Only when equipment is included in the design in a manner that raises questions from the plans examiner or field inspector will these requirements come in to play in that the AHJ can require evidence that the questionable installation is proper. These requirements should not increase the cost of design or construction. Similar requirements are already present in other codes from the ICC including the International Building Code (Sec. 104.9), the International Mechanical Code (Sec. 102.8, 102.9 and 304.1), and the International Plumbing Code (Sec. 102.8, 301.7 and 303.2).

Additionally, this addendum adds language to include reusing materials in the list of material acquisition methods in section 9.3.2. By referring to new language in Section 4.4.3, it reminds users that the requirements for used materials are the same as for new materials. The benefit of adding this language is that it will encourage the use of previously used materials which avoids the embodied carbon associated with extracting, harvesting, or manufacturing new material. The use of previously used material may also have the advantage of reducing the cost of the project.

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Addendum s to 189.1-2020

Add a new Section 4.4 as follows:

4.4 Installation.

4.4.1 General. Equipment, appliances, and devices shall be installed in accordance with the conditions of the *listing*, the manufacturer's installation instructions and this standard. Manufacturer's installation instructions shall be available on the job site at the time of inspection.

4.4.2 Conflicts.

(a) Where a provision of this standard is more restrictive than the conditions of the *listing* of the equipment, appliance or device, or the manufacturer's installation instructions, the provisions of this standard shall apply.

(b) Where a provision of this standard is less restrictive than the conditions of the *listing* of the equipment, appliance or device or the manufacturer's installation instructions, the conditions of the *listing* and the manufacturer's installation instructions shall apply.

4.4.3 Used materials and equipment. Used materials, equipment, appliances, and devices shall comply with the requirements for new materials, equipment, appliances, and devices.

Modify Section 9.3.2 as follows:

9.3.2 Extracting, Harvesting, ~~and/or~~ Manufacturing, and Reusing. This section applies to all materials, products, and/or assemblies installed prior to the issuance of the final certificate of occupancy.

Materials shall be harvested and/or extracted, and products and/or assemblies shall be manufactured, according to the laws and regulations of the country of origin.

Wood products in the project, other than recovered or reused wood, shall not contain wood from endangered wood species unless the trade of such wood conforms with the requirements of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES).

Informative Note: Reused materials are also addressed in Section 4.4.3.

Public Review Draft

Proposed Addendum v to Standard 189.1-2020

Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings

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

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Foreword

This addendum adds language to 8.3.3.2.3.1 to clarify that the cSTC is calculated based on accepted engineering standards. It moves the requirement in footnote a of Table 8.3.3.3 to a new section 8.3.3.2.2 that requires vibration-related noise from fitness activities not exceed the average and maximum sound levels associated with normal building operations and exterior noise (Table 8.3.3.2). In addition, the footnote 'a' in Table 8.3.3.3 is revised and applied to the full range of potential sources of concern. The original language cited the whole section 8.3.3.2, which does not reference noise sources other than exterior noise and building systems, which created some confusion for users of the standard. These changes do not add cost or scope to the existing language of the standard. Lastly this addendum requests to editorially add parentheses to (L_{eq}) and (L_{max}) throughout the standard to match the definition.

[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 v 189.1-2020

Add new section 8.3.3.2.2 and renumber all subsequent sections accordingly:

8.3.3.2.2 Interior Noise Impact Events. Airborne and structure-borne noise impacts from tenants and activities within the building shall not exceed the values specified in Table 8.3.3.2. The maximum sound pressure levels (L_{max}) shall be measured using fast-weighting for structure-borne events, such as fitness activities and dancing, and for airborne events such as amplified music or speech.

8.3.3.2.23 Conformance. Conformance to the requirements in Section 8.3.3.2 shall be demonstrated either through the design requirements of Section 8.3.3.2.34 or the testing requirements of Section ~~8.3.3.2.4~~ 8.3.3.2.5.

NOTE: Remainder of sections renumbered accordingly.

Revise Section 8.3.3.2.3.1 as follows:

8.3.3.2.3 Interior Background Noise—Design. Conformance with the provisions of this section shall be demonstrated.

8.3.3.2.3.1 Building Envelope. The composite sound transmission class (cSTC) for the *building envelope* shall be calculated using generally accepted engineering standards. The cSTC shall be ~~and~~ used in determining the maximum interior background sound pressure levels for room types listed in Table 8.3.3.2.

Revise Table 8.3.3.3 and footnote a. Add footnote in 3 locations:

Table 8.3.3.3 Minimum Sound and Impact Sound Ratings

Room Type	cSTC ^{c,d}	IIC
Dwelling and sleeping units (apartment, condominium, duplex, hotel guest room, etc.)	55	55
Retail or restaurant	50 ^a	45 ^a
Exercise Fitness space, gym or pool^b	55 ^a	50 ^a
Mechanical, electrical, and elevator machinery rooms ^b	60	N/A ^e
Conference and teleconference rooms	50	50
Enclosed offices	45	45
Open-plan offices	N/A ^e	45

- a. ~~The IIC value listed addresses footfall noise but not exercise related vibration borne sound. Exercise related vibration borne sound shall also comply with the requirements of Section 8.3.3.2. The values noted do not account for high-noise and structure-borne noise impacts. These room types must also meet the Interior Noise Impact Events requirements in Sec. 8.3.3.2.2 when applicable.~~
- b. Minimum cSTC and IIC values are not required between adjacent rooms of the same room type.
- c. For operable partitions and *walls* containing doors, windows, or both, the minimum cSTC ratings shall be 5 less than the values listed in Table 8.3.3.3.
- d. The minimum cSTC values shall be 5 less than the cSTC values in Table 8.3.3.3 for *walls* between *spaces* and corridors and between *spaces* and open offices. The minimum cSTC values shall be 15 less than the cSTC values specified in Table 8.3.3.3 for *walls* having doors that open to corridors or open offices.
- e. Not applicable.

Tracking number 53i141r1 et al
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 Multiple revisions for 53i141r1 and 58i97r1

Revision to NSF/ANSI 53-2021
 Issue 141 Revision 1 (April 2022)

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

NSF/ANSI Standard
 for Drinking Water Treatment Units –

Drinking Water Treatment Units –
 Health Effects

NSF/ANSI Standard
 for Drinking Water Treatment Units –

Reverse Osmosis
 Drinking Water Treatment Systems

4 Materials

-
-
-

Table 4.2
 Extraction testing parameters (semivolatiles)

Analyte	CAS number	Maximum reporting limit (RL) (mg/L)	US EPA Method(s)
•			
•			
•			
naphthalene	91-20-3	0.04	525.2, 528, 625
n-nitroso-di-n-butylamine	924-16-3	0.0006	521, 525.2, 528, 625
n-nitroso-di-n-propylamine	621-64-7	0.0005	521, 525.2, 528, 625
n-nitrosodimethylamine	62-75-9	0.000002 (2 ng/L)	521 ¹
n-nitrosodiphenylamine	86-30-6	0.007	521, 525.2, 528, 625
o-cresol or 2-methylphenol	95-48-7	0.001	525.2, 528, 625

Tracking number 53i141r1 et al
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 Multiple revisions for 53i141r1 and 58i97r1

Revision to NSF/ANSI 53-2021
 Issue 141 Revision 1 (April 2022)

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Table 4.2
Extraction testing parameters (semivolatiles)

Analyte	CAS number	Maximum reporting limit (RL) (mg/L)	US EPA Method(s)
<ul style="list-style-type: none"> • • • 			
¹ An alternate validated method of equivalent sensitivity to US EPA Method 521 is permissible.			

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Rationale: When reviewing nitrosamine criteria in NSF/ANSI 53 and 58, NSF labs requested adding US EPA Method 521 as an option for *n*-nitroso-di-*n*-butylamine, *n*-nitroso-di-*n*-propylamine, and *n*-nitrosodiphenylamine. Method 521 would give laboratories flexibility in the method applied so that the appropriate method sensitivity is achieved. The Nitrosamines Task Group Chair agreed.

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NSF/ANSI Standard
For Wastewater Technology –

Onsite Residential and Commercial Water Reuse Treatment Systems.

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5 Design and construction

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5.8 Failure sensing and signaling equipment

The system shall possess a mechanism or process capable of detecting failures of electrical and mechanical components critical to the treatment processes and delivering a visible and audible signal to notify the owner or user of the failure. The system shall possess a mechanism or process capable of detecting a high-water condition and delivering a visible and audible signal to notify the owner or user, and service provider ~~that if the water level is above normal operating specifications or that flow is being diverted to a bypass function as described in Section 5.9.~~

The visual and auditory signals shall continue to be functional in the event of an electrical, mechanical, or hydraulic malfunction of the system providing power is available to the system and shall resume once power is restarted following the power outage. This does not mandate a battery back-up for the alarm system.

Compliance with the requirements of Sections 5.8.1 and 5.8.2 shall be determined by a group of three observers. Observers shall be employees of the test agency.

The system shall possess a mechanism or process capable of detecting a high-water condition and delivering a visible and audible signal to notify the owner or user, and service provider that the water level is above normal operating specifications or that flow is being diverted to a bypass function caused by a system malfunction as described in Section 5.9.

Rationale: removes requirement for a bypass alarm on systems that divert water surplus water to a bypass as part of normal operation.

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5.9 Flow design

Systems shall have a designated flow path that is reflective of the entire treatment process. During periods of normal system operation, as well as periods of system and component malfunction, the design and construction of the system shall preclude discharge of wastewater from an opening external to the designated flow path.

Components (treatment, storage, or both) installed inside a home or building shall meet the following:

- treatment systems shall possess a minimum storage capacity equal to 500% of the daily rated treatment capacity, or a means of bypass for discharge of untreated water to a locally approved wastewater treatment and disposal system and shall be activated during periods of system malfunction; and
- treatment systems shall possess a means to control the volume of treated water in any storage vessel and shall prevent overflow to any location other than to a locally approved wastewater treatment and disposal system.

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NSF/ANSI Standard
For Wastewater Technology –

Onsite Residential and Commercial Water Reuse Treatment Systems.

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8 Performance testing and evaluation

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8.1.2.2.1.3 Systems treating laundry water

Time frame	Percent rated daily hydraulic input capacity
7:00 a.m. to 10:00 a.m.	approximately 100; Thursday, Friday
11:00 a.m. to 2:00 p.m.	approximately 100; Monday, Tuesday, Wednesday
6:00 p.m. to 9:00 p.m.	approximately 100; Saturday, Sunday

Individual doses shall be 10 to 15 gal and be uniformly applied over the dosing periods. For systems with a rated capacity less than 400 GPD, individual doses may be adjusted to less than 10 gal as needed to meet the dosing schedule requirements.

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8.4 Sample collection

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8.4.3 Influent and effluent wastewater samples shall be collected in accordance with the table below. Influent samples shall be obtained during periods of system dosing, and effluent samples shall be obtained during periods of system discharge. Effluent samples shall be representative of all treated effluent

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discharged from the system, as sampled from a central point of collection of all treated effluent. 24-hour composite samples shall be flow-proportional. The location of the grab sample shall be appropriate to provide a sample that is representative of the influent or effluent. Systems containing storage of treated greywater shall be sampled at the outlet of the storage container. Grab samples shall be collected during the morning or noon dosing period for gravity flow systems and during a time of discharge for systems that are pump discharged.

Parameter	Sample type	Sample location	
		Raw influent	Treated effluent
BOD ₅	24-h composite	X	—
CBOD ₅	24-h composite	—	X
total suspended solids	24-h composite	X	X
pH	grab	X	X
temperature (°C)	grab	X	—
<i>E. coli</i>	grab	X	X
turbidity	24-h composite	X	X
disinfectant ¹	grab or 24-h composite	—	X
TKN	24-h composite	X	—
NO ₂ /NO ₃	24-h composite	X	—
total phosphorous	24-h composite	X	—
COD	24-h composite	X	—
total coliforms	grab	X	—
alkalinity	grab or 24-h composite	X	—
hardness	grab or 24-h composite	X	—

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NSF/ANSI Standard
For Wastewater Technology –

Onsite Residential and Commercial Water Reuse Treatment Systems.

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Normative Annex 1 (formerly Annex A)

Key elements for a field evaluation of a commercial (C) onsite treatment system

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Table N-1.1
Summary of analytical accuracy and precision limit goals

Analyses	Units	Reference methods	Accuracy percent recovery	Precision relative percent difference
BOD ₅	mg/L	SM 5210 B	75 to 125	0 to 20
CBOD ₅	mg/L	SM 5210 B	75 to 125	0 to 20
total suspended solids	mg/L	SM 2540 D	NA ¹	0 to 10
pH	SU	SM 4500-H ⁺ -B	NA ¹	0 to 10
temperature	°C	SM 2550 B ²	NA ¹	0 to 10
<i>E. coli</i>	MPN/100 mL	SM 9221	— NA ¹	— NA ¹
		SM 9223-B by Colilert	— NA ¹	— NA ¹
turbidity	NTU	EPA 180.1	89 to 102	0 to 7
total chlorine residual	mg/L	SM 4500-Cl-B-I	98 to 111	0 to 10
TKN	mg/L as N	EPA 351.2	80 to 120	0 to 10
NO ₃ /NO ₂	mg/L as N	EPA 353.2	80 to 120	0 to 10
total phosphorous	mg/L	SM 4500-P-E	89 to 123	0 to 10

Tracking #350i62r1
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Revision to NSF/ANSI 350-2020
Issue 62, Revision 1 (April 2022)

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COD	mg/L	SM 5220 B	— NA ¹	— NA ¹
total coliform	MPN/100 mL or cfu/100 mL	SM 9221	— NA ¹	— NA ¹
		SM 9222-B	— NA ¹	— NA ¹
TOC	mg/L	SM 5310 C	79 to 129	0 to 5
alkalinity	mg/L as CaCO ₃	EPA 310.1	80 to 120%	0 to 10
hardness	mg/L as CaCO ₃	EPA 200.7	88 to 119	0 to 17

¹ NA: Not applicable.

² *Standard Methods*. Error! Bookmark not defined.

All “—” will be removed from the table

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NSF/ANSI Standard
For Wastewater Technology –

Onsite Residential and Commercial Water Reuse Treatment Systems.

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8 Performance testing and evaluation

The analytical methods listed in Table N-1.4² shall be used for testing. Alternate methods are permissible, provided equivalency is demonstrated by technical review and the review is documented. An equivalent method involves the same measurement technique. Equivalent methods are known to be capable of generating reliable results to equivalent quality requirements. All sample collection methods shall be in accordance with *Standard Methods*^{Error! Bookmark not defined.} unless otherwise specified.

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Normative Annex 1

Key elements for a field evaluation of a commercial (C) onsite treatment system

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Table N-1.1
Summary of analytical accuracy and precision limit goals

Analyses	Units	Reference methods	Accuracy percent recovery	Precision relative percent difference
BOD ₅	mg/L	SM 5210 B	75 to 125	0 to 20
CBOD ₅	mg/L	SM 5210 B	75 to 125	0 to 20
total suspended solids	mg/L	SM 2540 D	NA ¹	0 to 10
pH	SU	SM 4500-H ⁺ -B	NA ¹	0 to 10
temperature	°C	SM 2550 B ²	NA ¹	0 to 10
<i>E. coli</i>	MPN/100 mL	SM 9221	—	—

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turbidity	NTU	EPA 180.1	89 to 102	0 to 7
total chlorine residual	mg/L	SM 4500-CI-B-I	98 to 111	0 to 10
TKN	mg/L as N	EPA 351.2	80 to 120	0 to 10
NO ₃ /NO ₂	mg/L as N	EPA 353.2	80 to 120	0 to 10
total phosphorous	mg/L	SM 4500-P-E	89 to 123	0 to 10
COD	mg/L	SM 5220 B	—	—
total coliform	MPN/100 mL	SM 9221	—	—
TOC	mg/L	SM 5310 C	79 to 129	0 to 5
alkalinity	mg/L as CaCO ₃	EPA 310.1	80 to 120%	0 to 10
hardness	mg/L as CaCO ₃	EPA 200.7	88 to 119	0 to 17

Table N-1.2
Alternate equivalent test methods

Parameters	Method Referenced Method in NSF/ANSI 350 for commercial systems		Equivalent Method	Acceptable Alternate
	Standard Methods	EPA		
BOD ₅ /CBOD ₅	SM 5210 B	—	—	—
TSS	SM 2540 D	—	—	—
pH	SM 4500-H ⁺ -B	—	—	—
temperature	SM 2550 B	—	—	—
turbidity	—	EPA 180.1	SM 2130B HACH 10258	—
total Kjeldahl nitrogen (TKN)	—	EPA 351.2	—	EPA 351.1, SM 4500 N org B, SM 4500 NH ₃ B
NO ₃ /NO ₂	—	EPA 353.2	SM 4500 NO ₃ E, F, I, SM 4500 P-J	EPA 300, EPA 300.1
alkalinity	—	EPA 310.1	SM 2320B	—
total phosphorous	SM 4500 P-E	—	SM 4500 P-J	EPA 200.7, EPA 365.1
COD (chemical oxygen demand)	SM 5220 B	—	EPA 410.4 R2	SM 5220 D, SM 5220 C, HACH 8000
TOC	SM 5310 C	—	—	—
iron	—	EPA 200.7	—	SM 3111 B, EPA 200.8 R 5.4
<i>E. coli</i>	SM 9221	—	SM 9223 B by Colilert	Colilert – 18, EPA 1603 (CFU method for influent only)
total coliform	SM 9221	—	SM 9222-B	—

Tracking #350i66r1
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Revision to NSF/ANSI 350-2020
Issue 66, Revision 1 (April 2022)

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total chlorine residual	SM 4500-CI-B-I	—	—	EPA 330.5, SM 4500 CI-G
surfactants	SM 5540-C	—	—	—
hardness		Digestion followed by EPA 200.7	—	SM 2340 B, SM 2340 C
color	SM 2120 B	—	—	—
odor	SM 2150 B	—	—	EPA 140.1
fats, oils and grease	SM 5520B	—	EPA 1664-B	—

BSR/UL 98, Standard for Enclosed and Dead-Front Switches

3. Overload and Endurance Time Constant Correction/Addition

PROPOSAL

7.3.1.1 A general-use switch shall perform successfully when operated:

- a) For 50 cycles,
- b) Making and breaking 150 percent of its rated current, except as noted in 7.3.1.3 and 7.3.2.10,
- c) With the rate of speed being the number of cycles per minute given in Table 19,
- d) At the test voltage described in 7.3.2.4,
- e) For ac rated switches, a load with a power factor of 0.75 - 0.80 maximum; and
- f) ~~For dc rated switches, a load with a time constant of not less than 0.003 seconds~~ with a noninductive resistance load.

There shall not be any electrical or mechanical malfunction of the device or welding of the contacts. The ground fuse shall not have opened. Burning or pitting of the contacts shall be considered to be acceptable, but line-to-line breakdown shall be considered to be unacceptable.

7.3.1.2 A horsepower- or kilowatt-rated switch shall perform successfully when operated:

- a) For 50 cycles of operation for switches rated 74.6 kW or 100 horsepower or kilowatt and less, or 10 cycles of operations for switches rated over 74.6 kW or 100 horsepower or kilowatt,
- b) Making and breaking current given in Table 17 and Table 18.
- c) ~~With~~ With the rate of speed being the number of cycles per minute given in Table 19 (operations with current); the switch rating in amperes shall be assumed to be equal to 60 percent of the required overload test current. A switch rated in excess of 74.6 kW or 100 hp need not be operated faster than 1 cycle per minute,
- d) A test voltage as described in 7.3.2.4, ~~and;~~
- e) ~~With~~ For ac rated switches, a load with power factor ~~(for an ac switch)~~ of 0.45 - 0.50 maximum; and

f) For dc rated switches, a load with a time constant of not less than 0.003 seconds.

There shall not be any electrical or mechanical malfunction of the device or welding of the contacts. The ground fuse shall not have opened. Burning or pitting of the contacts shall be considered to be acceptable, but line-to-line breakdown shall be considered to be unacceptable.

7.3.2.3 A switch intended for use on dc circuits and a switch not specially marked for alternating current only shall be tested with direct current, ~~with a noninductive resistance load~~, and with the device so connected that the enclosure will be positive in potential with respect to the nearest arcing point.

7.4.1 The same switch previously subjected to the overload test shall perform successfully when operated:

- a) For the number of cycles and rate of speed indicated in Table 19,
- b) Making and breaking 100 percent of its rated current. Switches for isolating use only, rated at more than 1 200 A at 250 V or less, and switches rated at more than 600 A at more than 250 V may be operated without current, if the switch is marked in accordance with 9.2.12,
- c) With the test potential as described in 7.3.2.4 for an ac switch and within 5 percent of the rated voltage of the switch if direct current is used,
- d) For ac rated switches, a load with a power factor of 0.75 - 0.80 maximum, and
- e) For dc rated switches, ~~a load with a time constant of not less than 0.003 seconds~~ a noninductive resistance load.

There shall not be any electrical or mechanical malfunction of the device or welding of the contacts. The ground fuse shall not have opened. Burning or pitting of the contacts shall be considered to be acceptable, but line-to-line breakdown shall be considered to be unacceptable.

BSR/UL 252, Standard for Safety for Compressed Gas Service

- 1. Revisions to merging ULC/ORD-C252, Guide for the Compressed Gas Regulators, with UL 252, Compressed Gas Regulators, as a single Joint Canada-US Standard**

PROPOSAL

PERFORMANCE

20 Hydrogen Low Temperature Test

20.1 An elastomeric part for hydrogen use shall not show any cracking or other damage after being tested as described in 20.2.

20.2 Three samples of the elastomeric part, together with a steel mandrel having a diameter of 6.4 mm (0.25 in) shall be placed for 24 h in a cold chamber at a temperature of $-40 \pm 2^{\circ}\text{F}$ ($-40 \pm 1^{\circ}\text{C}$). While still at the temperature of the cold chamber, each sample shall be bent around the mandrel until the segments of the sample touch. The operator shall wear gloves while handling the samples and the mandrel to reduce heat transfer to the samples.

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BSR/UL 252A, Standard for Safety for Compressed Gas Regulator Accessories**1. Revisions to proposed new joint standard, UL/ULC 252A, Standard for Compressed Gas Regulator Accessories****PROPOSAL****PERFORMANCE****18 Hydrogen Low Temperature Test**

18.1 An elastomeric part for hydrogen use shall not show any cracking or other damage after being tested as described in 18.2.

18.2 Three samples of the elastomeric part, together with a steel mandrel having a diameter of 6.4 mm (0.25 in) shall be placed for 24 h in a cold chamber at a temperature of $-40 \pm 2^{\circ}\text{F}$ ($-40 \pm 1^{\circ}\text{C}$). While still at the temperature of the cold chamber, each sample shall be bent around the mandrel until the segments of the sample touch. The operator shall wear gloves while handling the samples and the mandrel to reduce heat transfer to the samples.

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BSR/UL 746D, Standard for Polymeric Materials – Fabricated Parts

1. Clarification of the Recycled Plastics Program in Section 10

PROPOSAL

2.5A MECHANICALLY RECYCLED PLASTIC BASE COLOR – The color of the mechanically recycled resin arising from pigments and dyes that are in the as received resin and prior to any further addition of pigments or dyes. For example, the base color of a mechanically recycled plastics resin can be gray or black with the actual color depending on the distribution of pigments and dyes given the multiple plastics being recycled in the recycled plastics stream.

2.5B MECHANICALLY RECYCLED PLASTICS – Those plastics composed of post-consumer material or post-industrial material only, or both, that may or may not have been subjected to additional processing steps of the types used to make products such as mechanically recycled-regrind, or reprocessed plastic.

~~2.9 RECYCLED PLASTIC BASE COLOR~~ – The color of the recycled resin arising from pigments and dyes that are in the as received resin and prior to any further addition of pigments or dyes. For example, the base color of a recycled plastics resin can be gray or black with the actual color depending on the distribution of pigments and dyes given the multiple plastics being recycled in the recycled plastics stream. *Deleted*

~~2.10 RECYCLED PLASTICS~~ – Those plastics composed of post-consumer material or recovered material only, or both, that may or may not have been subjected to additional processing steps of the types used to make products such as recycled-regrind, or reprocessed or reconstituted plastics. *Deleted*

2.11 RECYCLED PLASTICS STREAM – Plastic pellets incorporating one or more grades of the plastic material that has been mechanically recovered from post-consumer or post-industrial sources.

2.13 REPROCESSED PLASTIC – Regrind or mechanically recycled-regrind material that has been processed for reuse by extruding and forming into pellets or by other appropriate treatment.

10.1.1 Mechanically recycled plastic plastics as described in 2.5B shall be evaluated to determine whether the variations between production batches have significantly affected critical material properties. Figure 10.1 illustrates the test program for recycled thermoplastic materials and the following paragraphs describe the test requirements and acceptability criteria.

10.2.1 Mechanically recycled plastics as described in 2.5B meeting the identification comparison criteria in the Standard for Polymeric Materials – Short Term Property Evaluations, UL 746A, are to be categorized as recycled plastics with consistent identification.

10.2.2 Mechanically recycled plastics described in 2.5B that are expected to meet the identification criteria in the Standard for Polymeric Materials – Short Term Property Evaluations, UL 746A between different batches are to have a complete series of UL 94 flammability and UL 746A identification tests, conducted on specimens for three production batches

10.2.3 Results of tests for the three production batches are expected to meet the following requirements:

- a) The identification tests per UL 746A are to be comparable between batches.
- b) The same flammability rating is to be maintained for all tested production batches in the mechanically recycled plastic base color or if base color is not part of the evaluation, a commonly produced color that is part of the evaluation can be considered for complete series of UL 94 flammability and UL 746 identification tests, on three production batches.
- c) For additional colors, only one production batch is required for flammability testing in compliance with 7.3.4, 8.3.4 or 9.3.4 in UL 94, as applicable, and the rating of this one batch shall be the same as the rating of the recycled plastic color that was evaluated for three production batches.

10.3.1 Mechanically recycled plastics described in 2.5B not meeting the requirements stated in 10.1.1 are to be categorized as recycled plastics without consistent identification.

10.3.2 Mechanically recycled plastics, as described in 2.5B, without consistent identification are to have a complete series of flammability, ignition, tensile strength, impact strength, thermal softening, and dielectric strength tests conducted on specimens from a minimum of five production batches

10.3.3 Results of tests for the five production batches are expected to meet the following requirements:

- a) The same flammability rating shall be maintained for all tested production batches in the mechanically recycled plastic base color or if base color is not part of the evaluation, a commonly produced color that is part of the evaluation can be considered for complete series of UL 94 flammability tests on five production batches.
- b) For additional colors, only one production batch is required for flammability testing in compliance with 7.3.4, 8.3.4 or 9.3.4 in UL 94, as applicable, and the rating of this one batch is to be the same as the rating of the recycled plastic color that was evaluated for five production batches.
- c) A minimum impact strength value, as defined by the manufacturer or applicable end-product standard, is to be met by all tested production batches.

- d) The tensile strength values are to be $\pm 15\%$ from the mean of all the tested production batches.
- e) The heat deflection temperatures are to be $\pm 10\%$ the mean of all the tested production batches.
- f) The dielectric strength values are to meet a minimum of 5kV/mm for all tested production batches.
- g) The manufacturer can choose to test either the hot wire ignition (HWI) or the glow wire ignition temperature (GWIT) to evaluate the recycled plastic's response to ignition as a result of the application of a hot wire. The test results for either test in the five production batches are to meet the minimum values as defined by the manufacturer or by the applicable end-product standard.

10.3.4 Mechanically recycled plastics as described in 2.5B without consistent identification are to be subjected to Infrared Analysis (IR) in accordance with the Standard for Polymeric Materials – Short Term Property Evaluations, UL 746A, on one batch, to confirm the generic material class, e.g., polyethylene, polycarbonate, polypropylene, acrylonitrile-butadiene-styrene, etc., in accordance with the Standard for Polymeric Materials – Long Term Property Evaluations, UL 746B.

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