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Project Initiation Notification System (PINS)

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

ADA (Organization) (American Dental Association)

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

New Standard

BSR/ADA Standard No.1113-202x, Complete Contents for Dental Procedure - Level Data Required for Eligibility and Benefit Responses (new standard)

Stakeholders: Dentists, dental office administrators

Project Need: To appropriately inform patients covered by a dental plan about the estimated treatment costs prior to care, dental offices need an eligibility and benefit response at the procedure level that goes beyond the current information available.

Interest Categories: Producer, Consumer, General interest

Scope: This project will specify the complete information necessary for providers to communicate to payers to determine benefits fully. Complete procedure level data for benefits are provided in this standard as a sub-set of ADA CDT codes, which are the most frequently utilized codes for communication with third-party benefit administrators.

ARESCA (American Renewable Energy Standards and Certification Association)

George Kelly <secretary@aresca.us> | 256 Farrell Farm Road | Norwich, VT 05055 www.aresca.us

National Adoption

BSR/ARESCA 61400-12-202x, Wind energy generation systems - Part 12: Power performance measurements of electricity producing wind turbines - Overview (identical national adoption of IEC 61400-12:2022)

Stakeholders: U.S. wind developers and investors, Certified Verification Agents (CVAs), Bureau of Safety and Environmental Enforcement (BSEE), Bureau of Ocean Energy Management (BOEM), U.S. Department of the Interior (DOI)

Project Need: The ambitious plans for development of wind energy projects requires a consistent and comprehensive set of industry-based consensus standards. This IEC document is directly applicable as an ANS for such projects.

Interest Categories: End users, OEMs, Industry, General interest

Scope: Identical adoption of IEC 61400-12:2022 defines procedures for assessing the power performance characteristics of wind turbines. This document provides a general introduction to the available options for power performance measurement and the contributing evaluations which are further detailed in the other parts of the IEC 61400-12 series. This first edition of IEC 61400-12 is part of a structural revision that cancels and replaces the performance standards IEC 61400-12-1:2017 and IEC 61400-12-2:2013. The structural revision contains no technical changes with respect to IEC 61400-12-1:2017 and IEC 61400-12-2:2013, but the parts that relate to wind measurements, measurement of site calibration and assessment of obstacle and terrain have been extracted into separate standards.

ISA (Organization) (International Society of Automation)

Eliana Brazda <ebrazda@isa.org> | 3252 S. Miami Blvd, Suite 102 | Durham, NC 27703 www.isa.org

National Adoption

BSR/ISA 60534-8-2 (75.07.02)-202x, Industrial-Process Control Valves – Part 8-2: Noise considerations – Laboratory measurement of noise generated by hydrodynamic flow through control valves (identical national adoption of IEC 60534-8-2)

Stakeholders: Consumers, manufacturers, regulatory bodies

Project Need: Safety requirements, such as occupational health standards, require that human exposure to noise be limited. There is also data indicating that noise levels above certain levels could lead to pipe failure or affect associated equipment.

Interest Categories: Producer; User; General; Architect-engineer, Engineer-constructors, Integrators

Scope: Includes the method for measuring the sound pressure level due to liquid flow through a control valve and the method for determining the characteristic increase of noise due to the onset of cavitation. The standard also defines the equipment, methods and procedures for the laboratory measurement of the airborne sound needed to determine these characteristics.

ISA (Organization) (International Society of Automation)

Eliana Brazda <ebrazda@isa.org> | 3252 S. Miami Blvd, Suite 102 | Durham, NC 27703 www.isa.org

National Adoption

BSR/ISA 60534-8-3 (75.07.03)-202x, Industrial-Process Control Valves – Part 8-3: Noise considerations – Control valve aerodynamic noise prediction method (identical national adoption of IEC 60534-8-3)

Stakeholders: consumers, manufacturers, regulatory bodies

Project Need: Safety requirements, such as occupational health standards, require that human exposure to noise be limited. There is also data indicating that noise levels above certain levels could lead to pipe failure or affect associated equipment.

Interest Categories: Producer; User; General; Architect-engineer, Engineer-constructors, Integrators

Scope: Establishes a theoretical method to predict the external sound-pressure level generated in a control valve and within adjacent pipe expanders by the flow of compressible fluids.

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

Christopher Merther <chris.merther@itsdf.org> | 1750 K Street NW, Suite 460 | Washington, DC 20006 www.indtrk.org

Revision

BSR/ITSDF B56.8-202x, Safety Standard for Personnel and Burden Carriers (revision of ANSI/ITSDF B56.8-2019)

Stakeholders: Manufacturers and users of personnel and burden carriers.

Project Need: Update to current state of the art.

Interest Categories: General interest, Manufacturers, User, Employee/union interest

Scope: This Standard defines safety requirements relating to the elements of design, operation, and maintenance of powered personnel and burden carriers having three or more wheels, a maximum speed not exceeding 40 km/h (25 mph), and a payload capacity not exceeding 4536 kg (10,000 lb) used for transporting material and/or personnel on indoor and outdoor improved surfaces, but not for use on public roads. This Standard does not include vehicles intended primarily for earth moving or over-the-road hauling, or unmanned automatic guided vehicles.

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

Christopher Merther <chris.merther@itsdf.org> | 1750 K Street NW, Suite 460 | Washington, DC 20006 www.indtrk.org

Revision

BSR/ITSDF B56.11.8-202x, Seat Belt (Lap-Type) Anchorage Systems for Powered Industrial Trucks (revision and redesignation of ANSI/ITSDF B56.11.8-2019)

Stakeholders: Manufacturers and users of powered industrial trucks

Project Need: Update requirements and change title.

Interest Categories: General interest, Manufacturers, User, Employee/union interest

Scope: This procedure provides the performance and testing requirements for anchorage systems of lap-type belts (seat belts) provided with counterbalanced, center control, high lift trucks that have a sit-down, non-elevating operator.

NFPA (National Fire Protection Association)

Dawn Michele Bellis <dbellis@nfpa.org> | One Batterymarch Park | Quincy, MA 02169 www.nfpa.org

Revision

BSR/NFPA 1300-202x, Standard on Community Risk Assessment and Community Risk Reduction Plan Development (revision of ANSI/NFPA 1300-2020)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U), Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)

Please refer to the following link <https://www.nfpa.org/tcclass> for more information about our classifications

Scope: 1.1 Scope. This standard shall have primary responsibility for requirements on the process to conduct a community risk assessment (CRA) and to develop, implement, and evaluate a community risk reduction (CRR) plan.

NFPA (National Fire Protection Association)

Dawn Michele Bellis <dbellis@nfpa.org> | One Batterymarch Park | Quincy, MA 02169 www.nfpa.org

Revision

BSR/NFPA 1452-202x, Guide for Training Fire Service Personnel to Conduct Community Risk Reduction for Residential Occupancies (revision of ANSI/NFPA 1452-2020)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)

Please refer to the following link <https://www.nfpa.org/tcclass> for more information about our classifications

Scope: 1.1 Scope. The intent of this document is to provide fire department training officers or other fire service personnel with a guide for the establishment of a community fire safety program for dwellings. 1.1.1 To be effective and to adequately deal with local fire problems, the solution to a particular fire safety problem should be developed locally. This document is intended to be a basic guide to possible elements for inclusion in a locally developed program. 1.1.2 Because the majority of fire deaths occur in residential occupancies, it is essential that fire safety survey programs become an integral part of the total fire safety program in a community. This guide can be applied to both rural and urban communities. Principles contained in this document can be applied to single-family as well as multifamily dwellings, such as apartments, town houses, and condominiums, as local conditions dictate. 1.1.3 This document is not intended to be a training manual or a fire inspection manual, but rather to serve as a guide for establishing a locally prepared dwelling inspection program geared to address the specific problem(s) faced by the local fire service organization. By utilizing fire suppression personnel in this capacity, fire departments...

VITA (VMEbus International Trade Association (VITA))

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

Revision

BSR/VITA 47.1-202x, Common Requirements for Environments, Design and Construction, Safety, and Quality for VITA 47 Plug-In Modules Dot Standard (revision of ANSI/VITA 47.1-2019)

Stakeholders: Manufacturers, suppliers, and users of modular embedded computers

Project Need: Develop a standard for standardizing common environmental requirement factors for embedded computers.

Interest Categories: Producer, User, General interest

Scope: The VITA 47 group of standards defines environmental, design and construction, safety, and quality requirements for commercial-off-the-shelf (COTS) Plug-In Modules intended for ground and aerospace applications. VITA 47.1 addresses requirements common across the VITA47 group of standards. This revision updates the operating and non-operating temperature requirements, adds cold wall requirements for VITA 48.2 conduction cooled Plug-In Modules and adds additional temperature cycling & cold start requirements.

Call for Comment on Standards Proposals

American National Standards

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

Comment Deadline: April 2, 2023

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

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

Addenda

BSR/ASHRAE Addendum g to BSR/ASHRAE Standard 34-202x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2022)

This proposed addendum updates the definition of occupational exposure limit (OEL), clarification for toxicity data, and several requirements to apply for designations and safety group classifications for refrigerants to better align with ISO 817, Refrigerants – Designation and safety classification.

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

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

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

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

Addenda

BSR/ASHRAE Addendum h to BSR/ASHRAE Standard 34-202x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2022)

This proposed addendum adds the zeotropic refrigerant blend R-480A 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: April 2, 2023

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

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

Addenda

BSR/ASHRAE Addendum j to BSR/ASHRAE Standard 34-202x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2022)

This proposed addendum adds the zeotropic refrigerant blend R-481A 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>

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

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

Addenda

BSR/ASHRAE Addendum k to BSR/ASHRAE Standard 34-202x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2022)

This proposed addendum adds the zeotropic refrigerant blend R-482A 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>

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

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

Addenda

BSR/ASHRAE Addendum m to BSR/ASHRAE Standard 34-202x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2022)

This proposed addendum adds the zeotropic refrigerant blend R-484A 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>

SPRI (Single Ply Roofing Industry)

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

Revision

BSR/SPRI VF-1-202x, External Fire Design Standard for Vegetative Roof Systems (revision of ANSI/SPRI VF-1-2017)

This design standard provides a method for designing external fire resistance for vegetative roofing systems. It is intended to provide a minimum design and installation reference for those individuals who design, specify, and install vegetative roofing systems. It shall be used in conjunction with the installation specifications and requirements of the manufacturer of the specific products used in the vegetative roofing system.

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

Send comments (copy psa@ansi.org) to: Linda King <info@spri.org>

Comment Deadline: April 2, 2023

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 197-202x, Standard for Safety for Commercial Electric Cooking Appliances (revision of ANSI/UL 197-2020)

1. Addition Of UL 62368-1 As Alternative To UL 60950-1

[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.>"

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 201-202x, Standard for Safety for Garage Equipment (revision of ANSI/UL 201-2022)

1. Added language to include electronic and web-based instruction manuals.

[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/Login>"

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 514C-202X, Standard for Safety for Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers (revision of ANSI/UL 514C-2020)

1. Addition of requirements for Deck Boxes and Rooftop Deck Boxes

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

Send comments (copy psa@ansi.org) to: Sabrina Khreibtov, sabrina.khreibtov@ul.org

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 588-202X, Standard for Safety for Seasonal and Holiday Decorative Products (December 2, 2022) (revision of ANSI/UL 588-2022)

This proposal covers: Withdrawal of proposal: SD4 Overcurrent Protection

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

Send comments (copy psa@ansi.org) to: <https://csds.ul.com/Home/ProposalsDefault.aspx>

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062-2096 | mitchell.gold@ul.org, <https://ulse.org/>

Revision

BSR/UL 962A-202x, Standard for Furniture Power Distribution Units (revision of ANSI/UL 962A-2022)

Ballot of the following proposals: (1) Addition of Exception for More Than 8 Receptacles; (2) Addition of Requirements Allowing Electronic Installation Instructions; (3) Revision to Glossary Term "Receptacle Outlet".

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

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

Comment Deadline: April 2, 2023

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062-2096 | mitchell.gold@ul.org, <https://ulse.org/>

Revision

BSR/UL 1363-202x, Standard for Relocatable Power Taps (revision of ANSI/UL 1363-2018)

Ballot of the following proposals: (1) Update Standards Reference UL 62368-1; (2) Addition of Requirements Allowing Electronic Installation Instructions.

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

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

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 1651-202x, Standard for Safety for Optical Fiber Cable (revision of ANSI/UL 1651-2008 (R2013))

1. Sunlight Resistance - Deletion of Carbon-Arc Exposure

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

Send comments (copy psa@ansi.org) to: Sabrina Khreibtov, sabrina.khreibtov@ul.org

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 2518-202X, Standard for Air Dispersion Systems (revision of ANSI/UL 2518-2016 (R2021))

1. Expand the scope and testing criteria to cover products under negative pressure conditions

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

Send comments (copy psa@ansi.org) to: Griff Edwards, griff.edwards@ul.org

Comment Deadline: April 17, 2023

ADA (American Dental Association)

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

Withdrawal

ANSI/ADA Standard No. 111-2019, Adhesion Test Methods to Tooth Structure (withdrawal of ANSI/ADA Standard No. 111-2019)

This standard gives guidance on substrate selection and the essential characteristics of different test methods for quality testing of the adhesive bond between restorative dental materials and tooth structure, i.e. enamel and dentine.

Single copy price: \$35.00

Obtain an electronic copy from: standards@ada.org

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

Comment Deadline: April 17, 2023

AMCA (Air Movement and Control Association)

30 West University Drive, Arlington Heights, IL 60004-1893 | shrutik@amca.org, www.amca.org

New Standard

BSR/AMCA 270-202x, Laboratory Methods of Aerodynamic Testing Fan Arrays for Rating (new standard)

The purpose of this standard is to establish a laboratory method for determining the aerodynamic performance of fan arrays. Key performance metrics are airflow rate, pressures, shaft power and electrical power for fan arrays.

This standard is an adjunct to ANSI/AMCA Standard 210 to accommodate unique requirements of fan arrays.

Single copy price: Member price \$45.00; Non-member price \$90.00

Obtain an electronic copy from: shrutik@amca.org

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

AMCA (Air Movement and Control Association)

30 West University Drive, Arlington Heights, IL 60004-1893 | shrutik@amca.org, www.amca.org

Revision

BSR/AMCA 320-202x, Laboratory Method of Sound Testing of Fans Using Sound Intensity (revision of ANSI/AMCA 320-2013)

This standard establishes a method of determining the octave band sound power levels of a fan. Guidelines are provided on suitable test environment acoustical characteristics, the measurement surface, and the number of intensity measurements. This standard applies to fans of all types and sizes. It is limited to the determination of airborne sound emission for the specified setups. When all requirements of the method are met, the reproducibility will be defined in accordance with Annex D.

Single copy price: Member price \$45.00; Non-member price \$90.00

Obtain an electronic copy from: shrutik@amca.org

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

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 | LBauerschmidt@assp.org, www.assp.org

Revision

BSR/ASSP Z359.2-202x, Minimum Requirements for a Comprehensive Managed Fall Protection Program (revision and redesignation of ANSI/ASSE Z359.2-2017)

This standard establishes criteria and requirements for an employer's fall protection program including policies, responsibilities, training, survey and identification of fall hazards, procedures, controlling fall hazards, rescue planning, program implementation, incident investigation and evaluating program effectiveness.

Single copy price: \$150.00

Obtain an electronic copy from: LBauerschmidt@assp.org

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

AWWA (American Water Works Association)

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

Revision

BSR/AWWA C219-202x, Bolted Sleeve-Type Couplings for Plain-End Pipe (revision of ANSI/AWWA C219-2017)

This standard describes bolted sleeve-type couplings, reducing or transition couplings, and flanged coupling adapters (couplings) used to join plain-end pipe.

Single copy price: Free

Obtain an electronic copy from: ETSupport@awwa.org

Send comments (copy psa@ansi.org) to: Paul Olson <polson@awwa.org>

Comment Deadline: April 17, 2023

AWWA (American Water Works Association)

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

Revision

BSR/AWWA D104-202x, Automatically Controlled, Impressed-Current Cathodic Protection for the Interior Submerged Surfaces of Steel Water Storage Tanks (revision of ANSI/AWWA D104-2017)

This standard describes automatically controlled, impressed-current cathodic protection systems intended to minimize corrosion of interior submerged surfaces of steel water storage tanks and 30-in. (750-mm) diameter and larger wet risers of elevated tanks.

Single copy price: Free

Obtain an electronic copy from: ETSsupport@awwa.org

Send comments (copy psa@ansi.org) to: Paul Olson <polson@awwa.org>

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 70E®-202x, Standard for Electrical Safety in the Workplace® (revision of ANSI/NFPA 70E-2021)

This standard addresses electrical safety-related work practices, safety-related maintenance requirements, and other administrative controls for employee workplaces that are necessary for the practical safeguarding of employees relative to the hazards associated with electrical energy during activities such as the installation, inspection, operation, maintenance, and demolition of electric conductors, electric equipment, signaling and communications conductors and equipment, and raceways. This standard also includes safe work practices for employees performing other work activities that can expose them to electrical hazards as well as safe work practices for the following: (1) Installation of conductors and equipment that connect to the supply of electricity (2) Installations used by the electric utility, such as office buildings, warehouses, garages, machine shops, and recreational buildings that are not an integral part of...

Obtain an electronic copy from: www.nfpa.org/70eNext

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

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 77-202x, Recommended Practice on Static Electricity (revision of ANSI/NFPA 77-2019)

This recommended practice applies to the identification, assessment, and control of static electricity for purposes of preventing fires and explosions. This recommended practice does not apply directly to shock hazards from static electricity. However, application of the principles set forth in this recommended practice can reduce such shock hazards to personnel. This recommended practice does not apply to the prevention and control of static electricity in hospital operating rooms or in areas where flammable anesthetics are administered or handled. This recommended practice does not apply to lightning. This recommended practice does not apply to stray electrical currents or to induced currents from radio frequency (RF) energy. This recommended practice does not apply to fueling of motor vehicles, marine craft, or aircraft. This recommended practice does not apply to cleanrooms. This recommended practice does not apply to control of static electricity and static electricity hazards involved with electronic components, which have their own requirements.

Obtain an electronic copy from: www.nfpa.org/77Next

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

Comment Deadline: April 17, 2023

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 101®-202x, Life Safety Code® (revision of ANSI/NFPA 101-2021)

The following is a suggested procedure for determining the Code requirements for a building or structure: (1) Determine the occupancy classification by referring to the occupancy definitions in Chapter 6 and the occupancy Chapters 12 through 42. (See 6.1.14 for buildings with more than one use.) (2) Determine if the building or structure is new or existing. (See the definitions in Chapter 3.) (3) Determine the occupant load. (See 7.3.1.) (4) Determine the hazard of contents. (See Section 6.2.) (5) Refer to the applicable occupancy chapter of the Code, Chapters 12 through 42. [See Chapters 1 through 4 and Chapters 6 through 11, as needed, for general information (such as definitions) or as directed by the occupancy chapter.] (6) Determine the occupancy subclassification or special use condition, if any, by referring to Chapters 16 and 17, daycare occupancies; Chapters 18 and 19, health care occupancies; Chapters 22 and 23, detention and correctional occupancies; Chapters 28 and 29, hotels and dormitories; Chapters 32 and 33, residential board and care occupancies; Chapters 36 and 37, mercantile occupancies; and Chapter 40, industrial occupancies, which contain subclassifications or special use definitions. (7) Proceed through the applicable occupancy chapter to verify...

Obtain an electronic copy from: www.nfpa.org/101Next

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

Revision

BSR/TIA 942-C-202x, Telecommunications Infrastructure Standard for Data Centers (revision and redesignation of ANSI/TIA 942-B-2017)

This Standard specifies the minimum requirements for telecommunications infrastructure of data centers and computer rooms, including edge data centers, enterprise data centers, managed services data centers, colocation data centers, and cloud data centers. The topology specified in this document is intended to be applicable to any size data center.

Single copy price: \$256.00

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

Send comments (copy psa@ansi.org) to: Teesha Jenkins <standards-process@tiaonline.org>

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062-2096 | raji.ghandour@ul.org, <https://ulse.org/>

Reaffirmation

BSR/UL 887-2004 (R202x), Standard for Safety for Delayed-Action Timelocks (reaffirmation of ANSI/UL 887-2004 (R2018))

This proposal covers: 1. Reaffirmation and continuance of the 8th Edition of the Standard for Safety for Delayed-Action Timelocks, UL 887, as a standard.

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/ProposalAvailable>

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

Comment Deadline: April 17, 2023

ULSE (UL Standards & Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Jonette.A.Herman@ul.org, <https://ulse.org/>

Reaffirmation

BSR/UL 2089-2018 (R202x), Standard for Safety for Vehicle Battery Adapters (reaffirmation of ANSI/UL 2089-2018)

Reaffirmation of UL 2089 which covers portable vehicle battery adapters rated 24 V dc or less that are intended to be supplied from a vehicle cigarette lighter receptacle or power outlet. Vehicle battery adapters may supply outputs for appliances such as portable radios, tape players, battery chargers, and tools. Products covered by this standard include: (a) Cord assemblies consisting of the connector for insertion into a cigarette lighter receptacle, adjacent cord, and connector intended for connection to an appliance; and (b) Units consisting of the connector for insertion into a cigarette lighter receptacle, adjacent cord, and permanently attached filtering or regulating circuitry which may include an additional enclosure, output cord, and connector or battery receptacle.

Single copy price: Free

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

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

ULSE (UL Standards & Engagement)

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

Reaffirmation

BSR/UL 3030-2018 (R202x), Standard for Unmanned Aircraft Systems (reaffirmation of ANSI/UL 3030-2018)

This proposal covers: 1. Reaffirmation and continuance of the First Edition of the Standard for Unmanned Aircraft Systems, UL 3030, as an standard

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/ProposalAvailable>

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

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 67-202x, Standard for Panelboards (revision of ANSI/UL 67-2020)

This proposal covers: 1. Revision of Service Equipment Requirements for Panelboards 2. Inclusion of Requirements for Field Installable Panelboard Accessories in Paragraphs 5.1A (New), 28.1 and 34.1.27 (New), and Subsections 6.6, 6.7, and 34.12 3. Inclusion of Requirements for Energy Management Systems in Paragraphs 5.26A (New), 6.6.11, 6.6.12, and 34.16.7 4. Inclusion of Requirements for Short-Circuit Current Rating (SCCR) for DC Rated Panelboards 5. Inclusion of New Requirements for Panelboard Kits in Paragraph 5.51A (New); Section 36; Subsections 6.6, 6.8 (New), 34.19 (New), 36.1 (New), 36.2 (New), and 36.3 (New); and Figures 36.1 (New) and 36.2 (New) 6. Clarification of Requirements Regarding Ventilating Openings in Panelboards in Paragraph 7.3.1.1 7. Addition of Requirements for Interconnection Equipment as New Paragraph 28.2 and Paragraphs 34.12.18 and 34.12.19 8. Correction of Rating Requirements for Panelboards Marked as Suitable for Use as Service Equipment in Section 31

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/ProposalAvailable>

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

Comment Deadline: April 17, 2023

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062 | megan.monsen@ul.org, <https://ulse.org/>

Revision

BSR/UL 1069-202x, Standard for Safety for Hospital Signaling and Nurse Call Equipment (revision of ANSI/UL 1069-2022)

This revision of ANSI/UL increases the continuous DC limitation from 42.4 Volts to 60 Volts.

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/ProposalAvailable>

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

ULSE (UL Standards & Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Julio.Morales@UL.org, <https://ulse.org/>

Revision

BSR/UL 1838-202x, Standard for Low Voltage Landscape Lighting Systems (revision of ANSI/UL 1838-2020)

This proposal covers: 1. Remove the output circuit VA power limitation 2. Definition Removals 3. Clarify the requirements applicable to class 2 circuits within a power unit 4. Protective Devices 5. Elimination of multiple branch circuit supply connections 6. Power supply cords with integral attachment plugs 7. Maximum Output Test 8. Overload Test 9. Short Circuit Test revision and elimination of Limited Short Circuit Test 10. Shift the Manufacturing and Production Tests to an informative Annex 11. Rating and marking adjustments 12. Use of websites and QR Codes for required product instructions 13. Insulation Piercing Terminal Temperature Test 14. Dielectric Withstand Test 15. Editorial

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/ProposalAvailable>

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

ULSE (UL Standards & Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Julio.Morales@UL.org, <https://ulse.org/>

Revision

BSR/UL 2108-202x, Standard for Safety for Low Voltage Lighting Systems (revision of ANSI/UL 2108-2021)

This proposal covers: 1. Scope simplification 2. Scope exclusions 3. Definition Removals 4. Permitted openings in recessed housings 5. Protective devices and the Maximum Output Test 6. Power unit temperature test 7. Overload Test 8. Removal of surge protection devices for dielectric withstand test 9. Reducing the marking minimum letter height 10. Marking type options 11. Class 2 luminaires with signal inputs 12. Clarification of class 2 wet location compliance 13. Class 2 device housings 14. Separable mounting means for class 2 luminaires 15. Grounding permitted but not required for class 2 luminaires 16. Editorial Corrections

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/ProposalAvailable>

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

Comment Deadline: April 17, 2023

VITA (VMEbus International Trade Association (VITA))

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

Revision

BSR/VITA 65.0-202x, OpenVPX System Standard (revision of ANSI/VITA 65.0-2021)

The OpenVPX System Standard was created to bring versatile system architectural solutions to the VPX market. Based on the extremely flexible VPX family of standards, the OpenVPX standard uses Plug-In Module mechanical, connectors, thermal, communications protocols, utility, and power definitions provided by specific VITA standards to define a series of Slot, Backplane, Module, and Standard Development Chassis Profiles. This revision adds additional profiles, additional communication protocols, higher speed copper connectors, and a new naming methodology for Module Profiles.

Single copy price: \$25.00

Obtain an electronic copy from: admin@vita.com

Send comments (copy psa@ansi.org) to: admin@vita.com

VITA (VMEbus International Trade Association (VITA))

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

Revision

BSR/VITA 65.1-202x, OpenVPX System Standard - Profile Tables (revision of ANSI/VITA 65.1-2021)

This standard documents variations of Slot, Backplane, and Modules Profiles. As part of the Slot Profile Description, there are also some Connector Modules defined. This document is primarily tables which are referenced by [VITA 65.0]. This revision adds additional profiles, additional communication protocols, higher speed copper connectors, and a new naming methodology for Module Profiles.

Single copy price: \$25.00

Obtain an electronic copy from: admin@vita.com

Send comments (copy psa@ansi.org) to: admin@vita.com

Comment Deadline: May 2, 2023

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

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

New Standard

INCITS 541-202x, Information technology - Automation/Drive Interface Commands - 4 (ADC-4) (new standard)

Automation/Drive Interface Commands - 4 is the next generation of the command portion of the current Automation/Drive Interface. It follows ADC-3, ADC-2, and ADC. The following items should be considered for inclusion in Automation/Drive Interface Commands - 4: a) support of methods for reporting data transfer device multi-initiator activity; b) enhancements to the protocol; c) corrections and clarifications; and d) other capabilities that may fit within the scope of this project.

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=149800&wg_abbrev=eb)

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Send comments (copy psa@ansi.org) to: Barbara Bennett <comments@standards.incits.org>

Final Actions on American National Standards

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

ACP (American Clean Power Association)

1501 M Street NW, Suite 1000, Washington, DC 22205 | tvinson@cleanpower.org, www.cleanpower.org

ANSI/AWEA 61400-11-2017 (R2023), Wind Turbine Generator Systems - Part 11: Acoustic Noise Measurement Techniques (reaffirm a national adoption ANSI/AWEA 61400-11-2017) Final Action Date: 2/27/2023 | *Reaffirmation*

ANSI/AWEA 61400-13-2017 (R2023), Wind Turbine - Part 13: Measurement of Mechanical Loads (reaffirm a national adoption ANSI/AWEA 61400-13-2017) Final Action Date: 2/27/2023 | *Reaffirmation*

ANSI/AWEA 61400-23-2017 (R2023), Wind Turbines - Part 23: Full-Scale Structural Testing of Rotor Blades (reaffirm a national adoption ANSI/AWEA 61400-23-2017) Final Action Date: 2/27/2023 | *Reaffirmation*

ANSI/AWEA 61400-12-1-2016, Power Performance Measures of Electricity Producing Wind Turbines (withdrawal of ANSI/AWEA 61400-12-1-2016) Final Action Date: 2/23/2023 | *Withdrawal*

AMPP (Association for Materials Protection and Performance)

15835 Park Ten Place, Houston, TX 77084 | rick.southard@ampp.org, www.ampp.org

ANSI/NACE MR0103/ISO 17945-2015 (R2023), Petroleum, petrochemical and natural gas industries - Metallic materials resistant to sulfide stress cracking in corrosive petroleum refining environments (reaffirm a national adoption ANSI/NACE MR0103/ISO 17945-2015) Final Action Date: 2/22/2023 | *Reaffirmation*

ASME (American Society of Mechanical Engineers)

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

ANSI/ASME A112.3.4-2013/CSA B45.9-2018 (R2023), Macerating Toilet Systems and Related Components (reaffirmation of ANSI/ASME A112.3.4-2013/CSA B45.9-2018) Final Action Date: 2/24/2023 | *Reaffirmation*

ANSI/ASME B89.3.7-2013 (R2023), Granite Surface Plates (reaffirmation of ANSI/ASME B89.3.7-2013 (R2018)) Final Action Date: 2/24/2023 | *Reaffirmation*

ANSI/ASME B89.1.9-2023, Gage Blocks (revision of ANSI/ASME B89.1.9-2002 (R2012)) Final Action Date: 2/23/2023 | *Revision*

ANSI/ASME BPVC Section II-2023, Part C - Specifications for Welding Rods, Electrodes, and Filler Metals (revision of ANSI/ASME BPVC Section II-2021) Final Action Date: 2/27/2023 | *Revision*

ANSI/ASME BPVC Section X-2023, Fiber-Reinforced Plastic Pressure Vessels (revision of ANSI/ASME BPVC Section X-2021) Final Action Date: 2/24/2023 | *Revision*

ANSI/ASME BPVC Section XIII-2023, Rules for Overpressure Protection (revision of ANSI/ASME BPVC Section XIII-2021) Final Action Date: 2/24/2023 | *Revision*

ANSI/ASME PTC 19.6-2023, Performance Test Code on Electrical Power Measurements (revision of ANSI/ASME PTC 19.6-2018) Final Action Date: 2/23/2023 | *Revision*

CTA (Consumer Technology Association)

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

ANSI/CTA 2106-2023, Characteristics and Requirements for Mental Health Technology Solutions (new standard)

Final Action Date: 2/23/2023 | *New Standard*

ECIA (Electronic Components Industry Association)

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

ANSI/EIA 364-29E-2023, Contact Retention Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-29D-2019) Final Action Date: 2/24/2023 | *Revision*

EOS/ESD (ESD Association, Inc.)

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

ANSI/EOS ESD S11.4-2022, ESD Association Standard for the Protection of Electrostatic Discharge Susceptible Items - Static Control Bags (revision of ANSI/ESD S11.4-2013) Final Action Date: 2/21/2023 | *Revision*

HPS (ASC N13) (Health Physics Society)

950 Herndon Parkway, Suite 450, Herndon, VA 20170 | awride-graney@burkinc.com, www.hps.org

ANSI N13.50-2023, Radiological Characterization of Low-Level Radioactive and Transuranic Wastes (new standard) Final Action Date: 2/23/2023 | *New Standard*

IAPMO (International Association of Plumbing & Mechanical Officials)

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

ANSI/IAPMO UMC 1-2024, Uniform Mechanical Code (revision of ANSI/IAPMO UMC 1-2021) Final Action Date: 2/23/2023 | *Revision*

ANSI/IAPMO UPC 1-2024, Uniform Plumbing Code (revision of ANSI/IAPMO UPC 1-2021) Final Action Date: 2/23/2023 | *Revision*

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 27001:2022 [2023], Information security, cybersecurity and privacy protection - Information security management systems - Requirements (identical national adoption of ISO/IEC 27001:2022 and revision of INCITS/ISO/IEC 27001:2013 [R2019])

INCITS/ISO/IEC 27001:2013/COR 1:2014 [2019]

INCITS/ISO/IEC 27001:2013/COR 2:2015 [2018]) Final Action Date: 2/23/2023 | *National Adoption*

NENA (National Emergency Number Association)

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

ANSI/NENA STA-024.1-2023, NENA Standard for the Conveyance of Emergency Incident Data Objects (EIDOs) between Next Generation (NG9-1-1) Systems and Applications (new standard) Final Action Date: 2/21/2023 | *New Standard*

NSF (NSF International)

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

ANSI/NSF/CAN 600-2023 (i7r1), Health Effects Evaluation and Criteria for Chemicals in Drinking Water (revision of ANSI/NSF/CAN 600-2021) Final Action Date: 2/21/2023 | *Revision*

SIA (Security Industry Association)

8405 Colesville Road, Suite 500, Silver Spring, MD 20910 | EShen@securityindustry.org, www.siaonline.org

ANSI/SIA/IAPSC AG-01-2023, Architectural Graphics for Security Standard (new standard) Final Action Date: 2/23/2023 | *New Standard*

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062 | isabella.brodzinski@ul.org, <https://ulse.org/>

ANSI/UL 2115-2017 (R2023), Standard for Safety for Processed Solid-Fuel Firelogs and Firestarters (reaffirmation of ANSI/UL 2115-2017) Final Action Date: 2/24/2023 | *Reaffirmation*

ANSI/UL 2201-2018 (R2023), Standard for Safety for Carbon Monoxide (CO) Emission Rate of Portable Generators (reaffirmation of ANSI/UL 2201-2018) Final Action Date: 2/24/2023 | *Reaffirmation*

ANSI/UL 180-2023, Standard for Safety for Combustible Liquid Tank Accessories (revision of ANSI/UL 180-2021) Final Action Date: 2/24/2023 | *Revision*

ANSI/UL 325-2023, Standard for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2020) Final Action Date: 2/21/2023 | *Revision*

ANSI/UL 331-2023, Standard for Safety for Strainers for Flammable and Combustible Liquids, Anhydrous Ammonia and Non-potable Water (revision of ANSI/UL 331-2020) Final Action Date: 2/22/2023 | *Revision*

ANSI/UL 521-2023, Standard for Safety for Heat Detectors for Fire Protective Signaling Systems (revision of ANSI/UL 521-2022) Final Action Date: 2/24/2023 | *Revision*

ANSI/UL 62986-2023, Standard for Safety for Plugs, Socket-Outlets and Couplers with Arcuate Contacts (revision of ANSI/UL 62986-2021) Final Action Date: 2/1/2023 | *Revision*

VITA (VMEbus International Trade Association (VITA))

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

ANSI/VITA 62.1-2023, Three Phase High-Voltage Power Supply Front-End in a 3U Plug-In Module Standard (new standard) Final Action Date: 2/24/2023 | *New Standard*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.

Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures.

More information is available at www.scte.org or by e-mail from standards@scte.org.

ANSI Accredited Standards Developers

ISEA - International Safety Equipment Association

Call for Interest Categories are sought:

BSR/ ISEA 121-202x, Dropped Object Prevention Solutions

Please direct inquiries to:

ISEA (International Safety Equipment Association) 1101 Wilson Blvd, Suite 1425, Arlington, VA 22209 |

hwoehrle@safetysafetyequipment.org, www.isea.org

ARESCA (American Renewable Energy Standards and Certification Association)

256 Farrell Farm Road, Norwich, VT 05055 | secretary@aresca.us, www.aresca.us

BSR/ARESCA 61400-12-202x, Wind energy generation systems - Part 12: Power performance measurements of electricity producing wind turbines - Overview (identical national adoption of IEC 61400-12:2022)

ISA (International Society of Automation)

3252 S. Miami Blvd, Suite 102, Durham, NC 27703 | ebrazda@isa.org, www.isa.org

BSR/ISA 60534-8-2 (75.07.02)-202x, Industrial-Process Control Valves - Part 8-2: Noise considerations - Laboratory measurement of noise generated by hydrodynamic flow through control valves (identical national adoption of IEC 60534-8-2)

ISA (International Society of Automation)

3252 S. Miami Blvd, Suite 102, Durham, NC 27703 | ebrazda@isa.org, www.isa.org

BSR/ISA 60534-8-3 (75.07.03)-202x, Industrial-Process Control Valves - Part 8-3: Noise considerations - Control valve aerodynamic noise prediction method (identical national adoption of IEC 60534-8-3)

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 541-202x, Information technology - Automation/Drive Interface Commands - 4 (ADC-4) (new standard)

TIA (Telecommunications Industry Association)

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

BSR/TIA 942-C-202x, Telecommunications Infrastructure Standard for Data Centers (revision and redesignation of ANSI/TIA 942-B-2017)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 47.1-202x, Common Requirements for Environments, Design and Construction, Safety, and Quality for VITA 47 Plug-In Modules Dot Standard (revision of ANSI/VITA 47.1-2019)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 65.0-202x, OpenVPX System Standard (revision of ANSI/VITA 65.0-2021)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 65.1-202x, OpenVPX System Standard - Profile Tables (revision of ANSI/VITA 65.1-2021)

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:
<https://www.ansi.org/portal/psawebforms/>
- Information about standards Incorporated by Reference (IBR):
<https://ibr.ansi.org/>
- ANSI - Education and Training:
www.standardstolearn.org

American National Standards Under Continuous Maintenance

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

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

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

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

<p>ACP American Clean Power Association 1501 M Street NW, Suite 1000 Washington, DC 22205 www.cleanpower.org Tom Vinson tvinson@cleanpower.org</p>	<p>ASME American Society of Mechanical Engineers Two Park Avenue, 6th Floor New York, NY 10016 www.asme.org Maria Acevedo ansibox@asme.org</p>	<p>EOS/ESD ESD Association, Inc. 218 W. Court Street Rome, NY 13440 https://www.esda.org Jennifer Kirk jkirk@esda.org</p>
<p>ADA (Organization) American Dental Association 211 East Chicago Avenue Chicago, IL 60611 www.ada.org Paul Bralower bralowerp@ada.org</p>	<p>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</p>	<p>HPS (ASC N13) Health Physics Society 950 Herndon Parkway, Suite 450 Herndon, VA 20170 www.hps.org Amy Wride-Graney awride-graney@burkinc.com</p>
<p>AMCA Air Movement and Control Association 30 West University Drive Arlington Heights, IL 60004 www.amca.org Shruti Kohli-Bhargava shrutik@amca.org</p>	<p>ASSP (Safety) American Society of Safety Professionals 520 N. Northwest Highway Park Ridge, IL 60068 www.assp.org Lauren Bauerschmidt LBauerschmidt@assp.org</p>	<p>IAPMO International Association of Plumbing & Mechanical Officials 4755 East Philadelphia Street Ontario, CA 91761 www.iapmo.org Gabiella Davis gaby.davis@iapmo.org</p>
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<p>ARESCA American Renewable Energy Standards and Certification Association 256 Farrell Farm Road Norwich, VT 05055 www.aresca.us George Kelly secretary@aresca.us</p>	<p>CTA Consumer Technology Association 1919 South Eads Street Arlington, VA 22202 www.cta.tech Catrina Akers cakers@cta.tech</p>	<p>ITI (INCITS) InterNational Committee for Information Technology Standards 700 K Street NW, Suite 600 Washington, DC 20001 www.incits.org Barbara Bennett comments@standards.incits.org Lynn Barra comments@standards.incits.org</p>
<p>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</p>	<p>ECIA Electronic Components Industry Association 13873 Park Center Road, Suite 315 Herndon, VA 20171 www.ecianow.org Laura Donohoe ldonohoe@ecianow.org</p>	<p>ITSDF Industrial Truck Standards Development Foundation, Inc. 1750 K Street NW, Suite 460 Washington, DC 20006 www.indtrk.org Christopher Merther chris.merther@itsdf.org</p>

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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

Acoustics (TC 43)

ISO/DIS 16032, Acoustics - Measurement of sound pressure level from service equipment or activities in buildings - Engineering method - 5/14/2023, \$82.00

Additive manufacturing (TC 261)

ISO/ASTM DIS 52943-2, Additive manufacturing for aerospace - Process characteristics and performance - Part 2: Directed energy deposition using wire and arc - 5/11/2023, \$62.00

Aircraft and space vehicles (TC 20)

ISO/DIS 16192, Space systems - Experience gained in space projects (lessons learned) - Principles and guidelines - 5/15/2023, \$62.00

ISO/DIS 21384-4, Unmanned aircraft systems - Part 4: Vocabulary - 5/11/2023, \$82.00

Industrial fans (TC 117)

ISO/DIS 12759-6, Fans - Efficiency classification for fans - Part 6: Calculation of the fan energy index - 5/14/2023, \$107.00

Information and documentation (TC 46)

ISO/DIS 18128, Information and documentation - Records risks - Risk assessment for records management - 5/12/2023, \$93.00

Machine tools (TC 39)

ISO/DIS 2407, Test conditions for internal cylindrical grinding machines with horizontal spindle - Testing of accuracy - 5/12/2023, \$93.00

ISO/DIS 8636-2, Machine tools - Test conditions for bridge-type milling machines - Part 2: Testing of the accuracy of travelling bridge (gantry-type) machines - 5/14/2023, \$119.00

Medical devices for injections (TC 84)

ISO/DIS 23217.2, Injection systems for self-administration by paediatric patients - Guidelines for design - 3/9/2023, \$112.00

Metallic and other inorganic coatings (TC 107)

ISO/DIS 9717, Metallic and other inorganic coatings - Phosphate conversion coating of metals - 5/15/2023, \$62.00

Natural gas (TC 193)

ISO/DIS 11626, Natural gas - Determination of sulfur compounds - Determination of hydrogen sulfide content by UV absorption method - 5/15/2023, \$53.00

Optics and optical instruments (TC 172)

ISO/DIS 19012-4, Microscopes - Designation of microscope objectives - Part 4: Polarization characteristics - 5/11/2023, \$40.00

Personal safety - Protective clothing and equipment (TC 94)

ISO/DIS 374-6, Protective gloves against dangerous chemicals and micro-organisms - Part 6: Protective gloves for hairdressers - 5/14/2023, \$40.00

Surgical instruments (TC 170)

ISO/DIS 7151, Surgical instruments - Non-cutting, articulated instruments - General requirements and test methods - 5/11/2023, \$33.00

(TC 323)

ISO/DIS 59004, Circular Economy - Terminology, Principles and Guidance for Implementation - 5/18/2023, \$134.00

ISO/DIS 59020, Circular economy - Measuring and assessing circularity - 5/12/2023, \$146.00

Terminology (principles and coordination) (TC 37)

ISO/DIS 24620-5, Language resource management - Controlled human communication (CHC) - Part 5: Lexico-morpho-syntactic principles and methodology for personal data recognition and protection in texts (DataPro) - 5/15/2023, \$77.00

Textiles (TC 38)

ISO/DIS 105-B04, Textiles - Tests for colour fastness - Part B04: Colour fastness to artificial weathering: Xenon arc fading lamp test - 5/15/2023, \$58.00

IEC Standards**All-or-nothing electrical relays (TC 94)**

94/837/CD, IEC 61810-7-1 ED1: Electrical relays - Tests and Measurements - Part 7-1: Visual inspection and check of dimensions, 04/21/2023

94/828/CD, IEC 61810-7-11 ED1: Electrical relays - Tests and Measurements - Part 7-11: Enclosure Protection and Degree of Protection, 04/21/2023

94/838/CD, IEC 61810-7-4 ED1: Electrical relays - Tests and Measurements Part 7-4: Dielectric strength test, 04/21/2023

94/835/CD, IEC 61810-7-40 ED1: Electrical relays - Tests and Measurements - Part 7-40: Short circuit testing, 04/21/2023

94/836/CD, IEC 61810-7-41 ED1: Electrical relays - Tests and Measurements - Part 7-41: Insulation coordination, 04/21/2023

94/832/NP, PNW 94-832 ED1: Electrical relays - Tests and Measurements - Part 7-56: Ball Pressure Test, 05/19/2023

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

46C/1254/FDIS, IEC 61156-11 ED2: Multicore and symmetrical pair/quad cables for digital communications - Part 11: Symmetrical single pair cables with transmission characteristics up to 1,25 GHz - Horizontal floor wiring - Sectional specification, 04/07/2023

46A/1627/CD, IEC 61196-1-105 ED2: Coaxial communication cables - Part 1-105: Electrical test methods - Test for withstand voltage of cable dielectric, 05/19/2023

46A/1622/CDV, IEC 61196-1-119 ED3: Coaxial communication cables - Part 1-119: Electrical test methods - RF power for coaxial cables and cable assemblies, 04/21/2023

Electric cables (TC 20)

20/2096/FDIS, IEC 60287-1-1 ED3: Electric cables - Calculation of the current rating - Part 1-1: Current rating equations (100 % load factor) and calculation of losses - General, 04/07/2023

20/2097/FDIS, IEC 60287-1-2 ED2: Electric cables - Calculation of the current rating - Part 1-2: Current rating equations (100 % load factor) and calculations of losses - Sheath eddy current loss factors for two circuits in flat formation, 04/07/2023

20/2098/FDIS, IEC 60287-1-3 ED2: Electric cables - Calculation of the current rating - Part 1-3: Current rating equations (100 % load factor) and calculation of losses - Current sharing between parallel single-core cables and calculation of circulating current losses, 04/07/2023

20/2099/FDIS, IEC 60287-2-1 ED3: Electric cables - Calculation of the current rating - Part 2-1: Thermal resistance - Calculation of thermal resistance, 04/07/2023

20/2100/FDIS, IEC 60840/AMD1 ED5: Amendment 1 - Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um= 36 kV) up to 150 kV (Um = 170 kV) - Test methods and requirements, 04/07/2023

Electric road vehicles and electric industrial trucks (TC 69)

69/881/FDIS, IEC 61980-2 ED1: Electric vehicle wireless power transfer (WPT) systems - Part 2: Specific requirements for MF-WPT system communication and activities, 04/07/2023

Electromagnetic compatibility (TC 77)

77A/1165/CD, Fragment 2: Electromagnetic compatibility (EMC) - Part 2-4: Environment - Compatibility levels in industrial plants for low-frequency conducted disturbances (Informative annex describing which environments are included in IEC 61000-2-4 and which ones are excluded), 04/21/2023

77A/1161/CDV, IEC 61000-3-2/AMD2 ED5: Amendment 2 - Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current 16 A per phase), 05/19/2023

77A/1163A/CD, Electromagnetic compatibility (EMC) - Part 1-9: Assessment of measurement uncertainty for IEC 61000-3-2 and IEC 61000-3-12, 04/21/2023

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

48B/3018/CDV, IEC 60352-9 ED1: Solderless connections - Part 9: Ultrasonically welded connections - General requirements, test methods and practical guidance, 05/19/2023

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

104/978/CD, IEC 60068-2-87 Ed.1 Environmental Testing - Part 2-87: Tests-Test xx: UV-C Exposure of Materials and Components to Simulate Ultraviolet Germicidal Irradiation or Other Applications, 04/21/2023

104/976/CD, IEC 60068-3-6 ED3: Environmental testing - Part 3 -6: Supporting documentation and guidance - Confirmation of the performance of temperature/ humidity chambers, 04/21/2023

104/975/CD, IEC 60721-2-2 ED3: Classification of environmental conditions - Part 2-2: Environmental conditions appearing in nature - Precipitation and wind, 04/21/2023

104/979/CD, IEC 60721-2-5 ED2: Classification of environmental conditions - Part 2: Environmental conditions appearing in nature - Section 5: Dust, sand, salt mist, 04/21/2023

104/977/DTS, IEC TS 60721-4-3 ED1: Classification of environmental conditions - Part 4-3: Guidance for the correlation and transformation of environmental condition classes of IEC 60721-3-3 to the environmental tests of IEC 60068 - Stationary use at weatherprotected locations, 05/19/2023

Fibre optics (TC 86)

86A/2298(F)/FDIS, IEC 60794-1-301 ED1: Optical fibre cables - Part 1-301: Generic specification - Basic optical cable test procedures - Cable elements test methods - Bend test, method G1, 03/24/2023

86A/2299(F)/FDIS, IEC 60794-1-303 ED1: Optical fibre cables - Part 1-303: Generic specification - Basic optical cable test procedures - Ribbon dimensions - Aperture gauge, method G3, 03/24/2023

86A/2305(F)/FDIS, IEC 60794-1-309 ED1: Optical fibre cables - Part 1-309: Generic specification - Basic optical cable test procedures - Cable element test methods - Bleeding and evaporation of filling or flooding compounds, Method G9, 03/31/2023

Flat Panel Display Devices (TC 110)

110/1500/CD, IEC 62341-6-7 ED1: Organic light emitting diode (OLED) displays - Part 6-7: Measuring methods of optical characteristics for under screen feature, 04/21/2023

110/1501/CD, IEC 63211-3-2 ED1: Durability test methods for electronic displays - Part 3-2: Mechanical tests - Static stress, 04/21/2023

110/1499/CD, IEC/TR 62629-1-3 ED1: 3D display devices - Part 1-3: Depth perception by human and determination of the position of 3D object on the non-physical screen, 04/21/2023

Fuel Cell Technologies (TC 105)

105/974/CD, IEC 62282-3-200 ED3: Fuel cell technologies - Part 3-200: Stationary fuel cell power systems - Performance test methods, 05/19/2023

105/975/CD, IEC 62282-3-201 ED3: Fuel cell technologies - Part 3-201: Stationary fuel cell power systems - Performance test methods for small fuel cell power systems, 05/19/2023

Industrial-process measurement and control (TC 65)

65B/1228/FDIS, IEC 60534-1 ED4: Industrial-process control valves - Part 1: Control valve terminology and general considerations, 04/07/2023

Insulators (TC 36)

36/560/CD, IEC TR 62730/AMD1 ED1: HV polymeric insulators for indoor and outdoor use tracking and erosion testing by wheel test and 5 000h test, 05/19/2023

Lamps and related equipment (TC 34)

34C/1575/CDV, IEC 61347-1 ED4: Controlgear for electric light sources - Safety - Part 1: General requirements, 05/19/2023

34/1018(F)/FDIS, IEC 62386-250 ED1: Digital addressable lighting interface - Part 250: Particular requirements - Integrated power supply (device type 49), 03/24/2023

34/1019(F)/FDIS, IEC 62386-251 ED1: Digital addressable lighting interface - Part 251: Particular requirements - Memory bank 1 extension (device type 50), 03/24/2023

Nuclear instrumentation (TC 45)

45B/1022/CDV, IEC 61526 ED4: Radiation protection instrumentation - Measurement of personal dose equivalents for X, gamma, neutron, and beta radiations - Active personal dosimeters, 05/19/2023

45/949/NP, PNW 45-949 ED1: Calibration of the prompt fission neutron logging tools, 05/19/2023

Performance of household electrical appliances (TC 59)

59F/468A/CD, IEC 60704-2-20 ED1: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-20: Particular requirements for wet hard floor cleaning appliances, 04/14/2023

59L/232/CD, IEC 63399 ED1: Household and similar electrical rice cookers - Methods for measuring the performance, 05/19/2023

Power system control and associated communications (TC 57)

57/2578/FDIS, IEC 62351-3 ED2: Power systems management and associated information exchange - Data and communications security - Part 3: Communication network and system security - Profiles including TCP/IP, 04/07/2023

57/2579/FDIS, IEC 62351-9 ED2: Power systems management and associated information exchange - Data and communications security - Part 9: Cyber security key management for power system equipment, 04/07/2023

Printed Electronics (TC 119)

119/423/FDIS, IEC 62899-202 ED2: Printed electronics - Part 202: Materials - Conductive ink, 04/07/2023

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

116/653/NP, PNW 116-653 ED1: Electric motor-operated tools - Dust measurement procedure - Part 2-3: Particular requirements for hand-held concrete grinders and disc-type sanders, 04/21/2023

Safety of measuring, control, and laboratory equipment (TC 66)

66/778(F)/FDIS, IEC 61010-2-034 ED2: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-034: Particular requirements for measurement equipment for insulation resistance and test equipment for electric strength, 03/10/2023

Semiconductor devices (TC 47)

47A/1152/FDIS, IEC 61967-8 ED2: Integrated circuits - Measurement of electromagnetic emissions - Part 8: Measurement of radiated emissions - IC stripline method, 04/07/2023

Standard voltages, current ratings and frequencies (TC 8)

8/1655/CD, IEC TR 63282 ED2: LVDC systems - Assessment of standard voltages and power quality requirements, 05/19/2023

Surface mounting technology (TC 91)

91/1846/CD, IEC TR 60068-3-15 ED1: ENVIRONMENTAL TESTING - Part 3-15: Supporting documentation and guidance - Vacuum-assisted reflow soldering, 05/19/2023

Switchgear and controlgear (TC 17)

17C/890/CD, IEC 62271-200/AMD1 ED3: Amendment 1 - High-voltage switchgear and controlgear - Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV, 05/19/2023

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

121B/173/FDIS, IEC 61439-5 ED3: Low-voltage switchgear and controlgear assemblies - Part 5: Assemblies for power distribution in public networks, 04/07/2023

(CISPR)

CIS/A/1389(F)/FDIS, CISPR 16-1-4/AMD2 ED4: Amendment 2 - Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements, 03/10/2023

Tools for live working (TC 78)

78/1417/CD, IEC TR 63491 ED1: Guidance for the selection, use and maintenance of electrical arc flash personal protective equipment, 05/19/2023

Winding wires (TC 55)

55/1970/CD, IEC TS 63263 ED1: Winding wires test methods - Electrical endurance under high frequency voltage impulses, 06/16/2023

ISO/IEC JTC 1, Information Technology**(JTC1)**

JTC1-SC25/3142/CD, ISO/IEC 15045-3-1: Information technology - Home Electronic System (HES) gateway - Part 3-1: Introduction to privacy, security, and safety, 04/21/2023

JTC1-SC25/3143/CD, ISO/IEC 15045-3-2 Information technology - Home Electronic System - HES Gateway Privacy Framework, 04/21/2023

JTC1-SC25/3144/CD, ISO/IEC 15045-4-1 ED1: Information Technology - Home Electronic System (HES) gateway - Part 4-1: Structural classes, 04/21/2023

JTC1-SC25/3145/CD, ISO/IEC 15045-4-2 ED1: Information Technology - Home Electronic System (HES) gateway - Part 4-2: Structural classes - Simple gateway, 04/21/2023



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

Agricultural food products (TC 34)

[ISO 24363:2023](#), Determination of fatty acid methyl esters (cis and trans) and squalene in olive oil and other vegetable oils by gas chromatography, \$157.00

Building construction machinery and equipment (TC 195)

[ISO 6085:2023](#), Building construction machinery and equipment - Self-loading mobile concrete mixers - Safety requirements and verification, \$157.00

[ISO 21467:2023](#), Drilling and foundation machinery - Horizontal directional drilling (HDD) machines - Commercial specifications, \$116.00

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

[ISO 5054-1:2023](#), Specification for an enterprise canonical model - Part 1: Architecture, \$116.00

Graphical symbols (TC 145)

[ISO 28564-4:2023](#), Public information guidance systems - Part 4: Installation and assessment, \$77.00

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

[ISO 24139-2:2023](#), Petroleum and natural gas industries - Corrosion resistant alloy clad bends and fittings for pipeline transportation system - Part 2: Clad fittings, \$210.00

Metallic and other inorganic coatings (TC 107)

[ISO 4289:2023](#), High velocity oxygen fuel (HVOF) cermet coatings for metallurgical roll components - Guidance with requirements, \$77.00

[ISO 7582:2023](#), Metallic coatings for electromagnetic interference shielding - Designation and characterization method, \$157.00

Non-destructive testing (TC 135)

[ISO 24647:2023](#), Non-destructive testing - Robotic ultrasonic test systems - General requirements, \$183.00

Plastics (TC 61)

[ISO 15024:2023](#), Fibre-reinforced plastic composites - Determination of mode I interlaminar fracture toughness, GIC, for unidirectionally reinforced materials, \$183.00

Pulleys and belts (including veebelts) (TC 41)

[ISO 583:2023](#), Conveyor belts with a textile carcass - Total belt thickness and thickness of constitutive elements - Test methods, \$77.00

Soil quality (TC 190)

[ISO 13914:2023](#), Soil, treated biowaste and sludge - Determination of dioxins and furans and dioxin-like polychlorinated biphenyls by gas chromatography with high resolution mass selective detection (HR GC-MS), \$210.00

Transport information and control systems (TC 204)

[ISO 23375:2023](#), Intelligent transport systems - Collision evasive lateral manoeuvre systems (CELM) - Requirements and test procedures, \$183.00

Welding and allied processes (TC 44)

[ISO 5817:2023](#), Welding - Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded) - Quality levels for imperfections, \$157.00

ISO Technical Reports

Cast iron and pig iron (TC 25)

[ISO/TR 10809-1:2023](#), Cast irons - Part 1: Materials and properties for design, \$237.00

ISO Technical Specifications

Health Informatics (TC 215)

[ISO/TS 17251:2023](#), Health informatics - Business requirements for a syntax to exchange structured dose information for medicinal products, \$116.00

Nanotechnologies (TC 229)

[ISO/TS 5094:2023](#), Nanotechnologies - Assessment of peroxidase-like activity of metal and metal oxide nanoparticles, \$116.00

IEC Standards

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

[IEC 60268-23 Ed. 1.0 b:2023](#), Sound system equipment - Part 23: TVs and monitors - Loudspeaker systems, \$417.00

Dependability (TC 56)

[IEC 61124 Ed. 4.0 b:2023](#), Reliability testing - Compliance tests for constant failure rate and constant failure intensity, \$455.00

Maritime navigation and radiocommunication equipment and systems (TC 80)

[IEC 61108-6 Ed. 1.0 en:2023](#), Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS) - Part 6: Navigation with Indian constellation (NavIC)/Indian regional navigation satellite system (IRNSS) - Receiver equipment - Performance requirements, methods of testing and required test results, \$278.00

Nuclear instrumentation (TC 45)

[IEC 61098 Ed. 3.0 b:2023](#), Radiation protection instrumentation - Installed personnel surface contamination monitors, \$417.00

Power transformers (TC 14)

[IEC 60076-25 Ed. 1.0 b:2023](#), Power transformers - Part 25: Neutral grounding resistors, \$190.00

Primary cells and batteries (TC 35)

[IEC 62281 Amd.2 Ed. 4.0 b:2023](#), Amendment 2 - Safety of primary and secondary lithium cells and batteries during transport, \$13.00

[IEC 62281 Ed. 4.2 b:2023](#), Safety of primary and secondary lithium cells and batteries during transport, \$405.00

Safety of household and similar electrical appliances (TC 61)

[IEC 60335-2-16 Ed. 6.0 b:2022](#), Household and similar electrical appliances - Safety - Part 2-16: Particular requirements for food waste disposers, \$145.00

IEC Technical Reports

Electromagnetic compatibility (TC 77)

[IEC/TR 61000-5-1 Ed. 2.0 en:2023](#), Electromagnetic compatibility (EMC) - Part 5-1: Installation and mitigation guidelines - General considerations, \$234.00

[IEC/TR 61000-2-15 Ed. 1.0 en:2023](#), Electromagnetic compatibility - Part 2-15: Description of the characteristics of networks with high penetration of power electronic converters, \$455.00

International Electrotechnical Commission (IEC)

Call for Members (USNC)

USNC TAG to IEC/TC 111

The USNC Technical Management Committee would like to grow the membership of the USNC TAG to **IEC/TC 111**. Individuals who are interested in joining the USNC TAG to IEC/TC 111 are invited to contact Mackenzie Connors at maconnors@ansi.org as soon as possible.

Scope: TC 111 - *Environmental standardization for electrical and electronic products and systems*

Standardization of environmental aspects concerns:

To prepare the necessary guidelines, basic and horizontal standards, including technical reports, in the environmental area, in close cooperation with product committees of IEC, which remain autonomous in dealing with the environmental aspects relevant to their products;

- To liaise with product committees in the elaboration of environmental requirements of product standards in order to foster common technical approaches and solutions for similar problems and thus assure consistency in IEC standards;
- To liaise with ACEA and ISO/TC 207;
- To monitor closely the corresponding regional standardization activities worldwide in order to become a focal point for discussions concerning standardization;
- EMC and EMF aspects are excluded from the scope.

Call for Members (USNC)

USNC TAG to IEC/TC 78

The USNC Technical Advisory Group (TAG) to IEC/TC 78 would like to grow its membership. Individuals who are interested in joining the USNC TAG to IEC/TC 78 are invited to contact Mackenzie Connors at maconnors@ansi.org as soon as possible.

Scope: TC 78 - *Live working*

To prepare International standards for tools, equipment and devices for utilization in Live Working, including their performance requirements, care and maintenance. Excluded: Work practices and methods for Live Working.

To prepare technical publications related to the utilization of tools, equipment and devices on, and in the vicinity of, live parts of electrical installations and systems.

Meeting Notices (International)

ANSI Accredited U.S TAG to ISO

TC 229, Nanotechnologies

Meeting Time: April 4-5, 2023

The ANSI-Accredited U.S. TAG to **ISO/TC 229 Nanotechnologies** will meet at the American Chemistry Council in Washington, DC, **April 4-5, 2023**. For additional information or to join the U.S. TAG, please contact Heather Benko (hbenko@ansi.org) at ANSI.

Registration of Organization Names in the United States

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

When organization names are submitted to ANSI for registration, they will be listed here alphanumerically.

Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

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

Online Resources:

WTO's ePing SPS&TBT platform: <https://epingalert.org/>

Register for ePing: <https://epingalert.org/en/Account/Registration>

WTO committee on Agriculture, Sanitary and Phytosanitary (SPS) measures:

https://www.wto.org/english/tratop_e/sps_e/sps_e.htm

WTO Committee on Technical Barriers to Trade (TBT): https://www.wto.org/english/tratop_e/tbt_e/tbt_e.htm

USA TBT Enquiry Point: <https://www.nist.gov/standardsgov/usa-wto-tbt-enquiry-point>

Comment guidance:

<https://www.nist.gov/standardsgov/guidance-us-stakeholders-commenting-notifications-made-wto-members-tbt-committee>

NIST: <https://www.nist.gov/>

TANC: <https://www.trade.gov/office-trade-agreements-negotiation-and-compliance-tanc>

Examples of TBTs: https://tcc.export.gov/report_a_barrier/trade_barrier_examples/index.asp.

Report Trade Barriers: https://tcc.export.gov/Report_a_Barrier/index.asp.

USDA FAS: <https://www.fas.usda.gov/about-fas>

FAS contribution to free trade agreements: <https://www.fas.usda.gov/topics/trade-policy/trade-agreements>

Tracking regulatory changes: <https://www.fas.usda.gov/tracking-regulatory-changes-wto-members>

USTR WAMA: <https://ustr.gov/trade-agreements/wto-multilateral-affairs/wto-issues/technical-barriers-trade>

Contact the USA TBT Enquiry Point at (301) 975-2918; E usatbtep@nist.gov or notifyus@nist.gov.



**BSR/ASHRAE Addendum g
to ANSI/ASHRAE Standard 34-2022**

Public Review Draft

**Proposed Addendum g to
Standard 34-2022, Designation and
Safety Classification of
Refrigerants**

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(Draft shows Proposed Changes to Current Standard)**

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FOREWORD

This proposed addendum updates the definition of occupational exposure limit (OEL), clarification for toxicity data, and several requirements to apply for designations and safety group classifications for refrigerants to better align with ISO 817, Refrigerants — Designation and safety classification.

Note: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~striketrough~~ (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 g to Standard 34-2022

Modify Section 3 as follows. The remainder of Section 3 remains unchanged.

3. NUMBERING OF REFRIGERANTS

3.1 Defined Terms

[...]

occupational exposure limit (OEL): the time-weight average (TWA) concentration for a normal eight-hour workday and a 40-hour workweek to which nearly all workers can be repeatedly exposed without adverse effect. The OEL is generated by an independent organization that (1) is composed of health science experts without regard to nationality, (2) is experienced in generating OELs for refrigerant compounds, and (3) formally publishes the derived OELs in a way that is publicly accessible, ~~based on the OSHA PEL, ACGIH TLV TWA, TERA OARS WEEL, or consistent value.~~

[...]

Modify Section 4 as follows. The remainder of Section 4 remains unchanged.

4. NUMBERING OF REFRIGERANTS

- 4.3.2.3** Even in those cases where only a single ~~propane~~ isomer exists for the hydrocarbon portion of the ether structure, such as CF₃-O-CF₂-CF₃, the suffix letters described in Section 4.1.10 shall be ~~omitted~~ retained. In this cited example, the correct designation shall be R-E218ea.

[...]

Modify Section 6 as follows. The remainder of Section 6 remains unchanged.

6. SAFETY GROUP CLASSIFICATIONS

[...]

- 6.1.5.1 Toxicity Classification.** The chronic toxicity classification of a refrigerant blend is based on the nominal formulation. The OEL of mixtures upon which the safety classification is based shall be either:
- a. calculated from the threshold limit values (TLVs) or workplace environmental exposure level (WEELs) of the individual components following American Conference of Governmental Industrial Hygienists guidelines ⁴ when toxicity data for the blend are not available, or

- b. based on refrigerant blend toxicity data and the requirements in Section 6.1.2 when toxicity data for the blend are available.

[...]

Modify Section 9 as follows. The remainder of Section 9 remains unchanged.

9. APPLICATION INSTRUCTIONS

[...]

9.5.2.2 Azeotropic Blends. ...

[...]

- ~~j. Latent heat of vaporization at 140°F (60°C)~~
~~k. Specific heat ratio of the vapor at 140°F (60°C)~~

[...]

9.5.2.3 Zeotropic Blends. ...

[...]

- ~~g. Latent heat of vaporization at 140°F (60°C)~~
~~h. Specific heat ratio of the vapor at 140°F (60°C)~~

[...]

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

NORMATIVE APPENDIX B—DETAILS OF TESTING—FLAMMABILITY

[...]

B1.5 Samples shall be introduced into the flammability test apparatus in the vapor phase in accordance with ASTM E681. Liquid samples of the refrigerant or blend composition to be tested shall be expanded into a suitable evacuated container such that only vapor under pressure is present. The vapors shall be introduced into the flammability test apparatus. Air shall then be added to the test apparatus. Measurement of the refrigerant-to-air concentration shall be by partial pressures. The refrigerant and air shall be mixed in the chamber for at least five ~~two~~ minutes. Activation of the ignition source shall commence within 60 to 90 seconds ~~30 to 60 seconds~~ of stirrer deactivation.

[...]

~~**B2.5 Leak/Recharge Testing.** Refrigerant blends containing flammable components shall be evaluated to determine the fractionation effects of successive leakage and recharging on the composition of the blend. A container shall be charged to 15% of the maximum fill (as defined in Section B2.4.1) with the WCF formulation of the refrigerant blend. A vapor leak at a rate of 2% by mass of the starting charge per hour shall be created and maintained at 73.4°F ± 5.4°F (23.0°C ± 3.0°C) until 20% of the starting charge has been leaked. When 20% leak is reached, the composition of the head space gas shall be determined by analysis. The container shall again be charged with the WCF to 15% of the maximum fill (as defined in Section B2.4.1), leaked, and measured in the above defined manner. The charge/leak cycle shall be conducted a total of five times. At the conclusion of the fifth leakage, the composition of the head space gas and liquid shall again be determined by gas chromatography.~~

[...]



**BSR/ASHRAE Addendum h
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BSR/ASHRAE Addendum h to ANSI/ASHRAE Standard 34-2022, *Designation and Safety Classification of Refrigerants*
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FOREWORD

This proposed addendum adds the zeotropic refrigerant blend R-480A 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 h to Standard 34-2022

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

Table 4-2 Data and Safety Classifications for Refrigerant Blends

Refrigerant Number = 480A

Composition (Mass %) = R-744/1234ze(E)/227ea (5.0/86.0/9.0)

Composition tolerances = ±1.0/±1.0/±0.5

OEL = 900 ppm v/v

Safety Group = A1

RCL = 59,000 ppm v/v; 16 lb/1000 ft³; 260 g/m³

Highly Toxic or Toxic Under Code Classification = Neither

Table D-2 Data Classifications for Refrigerant Blends

Refrigerant Number = 480A

Composition (Mass %) = R-744/1234ze(E)/227ea (5.0/86.0/9.0)

Average Relative Molar Mass = 108.6 g/mol

Bubble Point (°F) = -51.7

Dew Point (°F) = -7.1

Bubble Point (°C) = -46.5

Dew Point (°C) = -21.7



**BSR/ASHRAE Addendum j
to ANSI/ASHRAE Standard 34-2022**

Public Review Draft

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FOREWORD

This proposed addendum adds the zeotropic refrigerant blend R-481A 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 j to Standard 34-2022

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

Table 4-2 Data and Safety Classifications for Refrigerant Blends

Refrigerant Number = 481A

Composition (Mass %) = R-32/125/134a/1233zd(E)/601a (16.9/6.3/74.4/1.8/0.6)

Composition tolerances = ±1.0/±0.5/±1.0/±0.4/+0.1, -0.2

OEL = 1000 ppm v/v

Safety Group = A1

RCL = 45,000 ppm v/v; 10 lb/1000 ft³; 160 g/m³

Highly Toxic or Toxic Under Code Classification = Neither

Table D-2 Data Classifications for Refrigerant Blends

Refrigerant Number = 481A

Composition (Mass %) = R-32/125/134a/1233zd(E)/601a (16.9/6.3/74.4/1.8/0.6)

Average Relative Molar Mass = 88.6 g/mol

Bubble Point (°F) = -36.9

Dew Point (°F) = -22.9

Bubble Point (°C) = -38.3

Dew Point (°C) = -30.5



**BSR/ASHRAE Addendum k
to ANSI/ASHRAE Standard 34-2022**

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FOREWORD

This proposed addendum adds the zeotropic refrigerant blend R-482A to Tables 4-2 and D-2.

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Addendum k to Standard 34-2022

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

Table 4-2 Data and Safety Classifications for Refrigerant Blends

Refrigerant Number = 482A

Composition (Mass %) = R-134a/1234ze(E)/1224yd(Z) (10.0/83.5/6.5)

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

OEL = 830 ppm v/v

Safety Group = A1

RCL = 62,000 ppm v/v; 18 lb/1000 ft³; 290 g/m³

Highly Toxic or Toxic Under Code Classification = Neither

Table D-2 Data Classifications for Refrigerant Blends

Refrigerant Number = 482A

Composition (Mass %) = R-134a/1234ze(E)/1224yd(Z) (10.0/83.5/6.5)

Average Relative Molar Mass = 114.4 g/mol

Bubble Point (°F) = -3.3

Dew Point (°F) = 1.4

Bubble Point (°C) = -19.6

Dew Point (°C) = -17.0



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FOREWORD

This proposed addendum adds the zeotropic refrigerant blend R-484A to Tables 4-2 and D-2.

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Addendum m to Standard 34-2022

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

Table 4-2 Data and Safety Classifications for Refrigerant Blends

Refrigerant Number = 484A

Composition (Mass %) = R-1270/600 (12.0/88.0)

Composition tolerances = +1.0, -2.0/+2.0, -1.0

OEL = 860 ppm v/v

Safety Group = A3

RCL = 1000 ppm v/v; 0.14 lb/1000 ft³; 2.3 g/m³

LFL = 18,000 ppm v/v; 2.6 lb/1000 ft³; 41 g/m³

Highly Toxic or Toxic Under Code Classification = Neither

Table D-2 Data Classifications for Refrigerant Blends

Refrigerant Number = 484A

Composition (Mass %) = R-1270/600 (12.0/88.0)

Average Relative Molar Mass = 55.6 g/mol

Bubble Point (°F) = 7.7

Dew Point (°F) = 24.6

Bubble Point (°C) = -13.5

Dew Point (°C) = -4.1

SPRI/VF-1 20xx

External Fire Design Standard for Vegetative Roof Systems

Proposed Substantive Revision

2.1 *Area Divider*

A area of the roof that meets Class A fire classification requirements when tested per ASTM E108 or UL 790.

BSR/UL 197, Standard for Safety for Commercial Electric Cooking Appliances

1. Addition Of UL 62368-1 As Alternative To UL 60950-1

PROPOSAL

28.3.3 Transformer Circuits – A transformer circuit in an appliance that is connected to a circuit protected at greater than 20 amperes in accordance with 28.1.3 and 28.1.4 shall be protected by an overcurrent-protective device incorporated in the appliance. The overcurrent-protective device shall have a maximum current rating in accordance with the National Electrical Code, ANSI/NFPA 70, Article 450.

Exception No. 1: Overcurrent protection is not required in the primary of a transformer complying with the requirements for Class 2 transformers in the Standard for Low Voltage Transformers – Part 1: General Requirements, UL 5085-1, and the Standard for Low Voltage Transformers – Part 3: Class 2 and Class 3 Transformers, UL 5085-3, or a transformer that is an integral part of a power supply complying with the Standard for Class 2 Power Units, UL 1310, or the requirements for "NEC Class 2" output in the Standard for Information Technology Equipment – Safety – Part 1: General Requirements, UL 60950-1, or the Standard for Audio/Video, Information and Communication Technology Equipment – Part 1: Safety Requirements, UL 62368-1.

Note from Standards Project Manager: Only revised portions of Table 34.1 shown.

**Table 34.1
Comparison of secondary circuits**

Circuit name	Derived directly from component evaluated to standard
Class 2	UL 5085-1, UL 5085-2, UL 5085-3, UL 1310, or UL 60950-1, <u>or UL 62368-1</u>
Limited voltage/current	UL 5085-1, UL 5085-2, UL 5085-3, UL 1310, UL 1411, or UL 60950-1, <u>or UL 62368-1</u>
Limited voltage	UL 5085-1, UL 5085-2, UL 5085-3, UL 1310, UL 1411, or UL 60950-1, <u>or UL 62368-1</u>
Limited energy	UL 5085-1, UL 5085-2, UL 5085-3, UL 1310, UL 1411, or UL 60950-1, <u>or UL 62368-1</u>
Limiting impedance	N/A
Safety extra-low voltage (SELV) ^a	UL 60950-1 <u>or</u> UL 62368-1

34.3.1 A Class 2 circuit shall be supplied by an isolating source that complies with one of the following:

- a) The Standard for Class 2 Power Units, UL 1310;
- b) The requirements for Class 2 transformers in the Standard for Low Voltage Transformers – Part 1: General Requirements, UL 5085-1, and the Standard for Low Voltage Transformers – Part 3: Class 2 and Class 3 Transformers, UL 5085-3; or
- c) The requirements for "NEC Class 2" output in the Standard for Information Technology Equipment – Safety – Part 1: General Requirements, UL 60950-1, or the Standard for Audio/Video, Information and Communication Technology Equipment – Part 1: Safety Requirements, UL 62368-1.

34.8.1 A safety extra-low voltage circuit shall be supplied by an isolating power source complying with the requirements in the Standard for Information Technology Equipment – Safety – Part 1: General Requirements, UL 60950-1, or the Standard for Audio/Video, Information and Communication Technology Equipment – Part 1: Safety Requirements, UL 62368-1, for a safety extra-low voltage (SELV) power supply, and shall be located only in a pollution degree 2 or cleaner environment. See 39.4.

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BSR/UL 201, Standard for Safety for Garage Equipment

1. Added language to include electronic and web-based instruction manuals.

PROPOSAL

85.1 A legible instruction manual or ~~safety manual (or the equivalent)~~ shall be provided with all garage equipment. The ~~instruction manual or safety manual (or equivalent) may~~ shall be delivered in print, contained on a common electronic memory device, accessible by a QR code label, marking, or accessible by a label indicating the appropriate URL. ~~The instruction manual safety manual (or the equivalent) shall specifically warn the user of each potential risk of fire, electric shock, damage to property, or injury to persons, and shall state the precautions that should be taken to reduce each risk. The instructions pertaining to the risks shall be a permanent part of the manual safety manual set but separated in format or form from the other instructions, and shall appear before the operating instructions.~~

85.1.1 If the ~~instruction manual or safety manual (or the equivalent)~~ is not provided in print, then a label or marking shall be provided and placed on the garage equipment in a conspicuous location to indicate ~~where~~ how to access the manual, and to recommend that the user read and ~~provide ready access, to the manual by all users before using the equipment.~~

Garage equipment not provided with a printed manual ~~instructions or safety manual in print~~ shall be provided with the following cautionary marking:

WARNING: ~~“READ ALL INSTRUCTIONS prior to use~~ PRIOR TO USE. Important safety instructions can be found at (identify ~~electronic, web location, or link~~ electronic location to obtain the manual) ~~or call (phone number) for a copy.~~

85.5 Instructions shall be provided containing all required information needed ~~to properly install the~~ for proper installation and maintenance of the equipment. For equipment intended for use only within the ordinary location of a minor repair facility, the installation instructions shall indicate this fact and detail how the product is to be installed including the physical spacing dimensions from the classified location.

85.6 Instructions for installing an accessory shall be provided unless the method of installation or connection of the accessory is obvious. The instructions shall be located on the equipment, on the accessory, in literature packed with the accessory, or in the electronic location.

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BSR/UL 514C, *Standard for Safety for Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers*

1. Topic – Addition of requirements for Deck Boxes and Rooftop Deck Boxes

PROPOSAL

10 Floor Boxes, Deck Boxes, Rooftop Deck Boxes

10.1 In addition to the requirements for nonmetallic outlet boxes in this Standard, a floor box, deck box or rooftop deck box shall comply with the appropriate requirements for Floor Boxes in the Standard for Metallic Outlet Boxes, UL 514A, including markings and installation instructions indicated as applicable to outlet boxes for use in the United States.

10.2 Where appropriate, floor boxes shall be marked in accordance with 92.3.5 or 92.5.

10.3 ~~deleted~~ Exposed deck or rooftop deck box covers/surfaces of an area greater than 93.5 cm² (14.5 in²) shall be constructed to be slip resistant or be coated with a slip resistant coating and shall comply with the applicable testing described in the Standard for Slip Resistance of Floor Surface Materials, UL 410.

Note: Exposed covers/surfaces of an area less than 93.5 cm² (14.5 in²) are exempt from this requirement.

10.4 Deck or rooftop deck boxes may have a Type rating in accordance with the Standard for Enclosures for Electrical Equipment, Environmental Considerations, UL 50E.

MARKING

92 Details

92.1 General

92.1.15 A box, floor box, deck box or rooftop deck box or conduit body that complies with the requirements for a specific environmental condition of use may be marked with a type number, for example, "Type _____", indicating the external conditions for which it is acceptable. See the Standard for Enclosures for Electrical Equipment, UL 50. A product that complies with the requirements for more than one type may have multiple designations.

BSR/UL 588, Standard for Safety for Seasonal and Holiday Decorative Products

1. Withdrawal of Proposal: SD4 Overcurrent Protection

PROPOSAL

If the 2022-10-21 proposal is withdrawn, the current requirements in the standard would remain unchanged as shown below:

SD4 Overcurrent Protection

SD4.1 The overcurrent protection shall be as described in the standard except for the references to wire types and sizes as described in Supply Connections, Section SD5. For String Lights employing minimum 16 AWG cord, or string lights employing AWG with no load fitting, overcurrent protection is not required.

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BSR/UL 962A, Standard for Safety for Furniture Power Distribution Units

1. Addition of Exception for More Than 8 Receptacles

PROPOSAL

14 Receptacles

14.6 A FPDU shall be provided with a maximum of eight receptacles.

Exception No. 1: A FPDU is able to be provided with more than eight receptacles when the FPDU is provided with a circuit breaker that complies with the requirements in the Standard for Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures, UL 489, and is in accordance with the National Electrical Code, ANSI/NFPA 70 branch circuit protection.

Exception No. 2: A FPDU is able to be provided with more than eight receptacles when the FPDU is provided with a supplementary overcurrent protection device that shall be capable of clearing a fault current of not less than that indicated in Table 16.1 and shall also comply with the requirements in the Standard for Supplementary Protectors for Use in Electrical Equipment, UL 1077. The supplementary overcurrent protection device shall have been subjected to the overload test in UL 1077, tested for motor starting at 6 times the AC full load current rating.

2. Addition of Requirements Allowing Electronic Installation Instructions

PROPOSAL

54 Details

54.1A Installation instructions shall be provided with a Furniture Power Distribution Unit (FPDU).

54.1B When the FPDU manufacturer's web site is used to identify installation instruction information, the web address shall be marked on the FPDU, packaging and/or information sheet. The web address may be in the form of a Uniform Resource Locator (URL – <http://www. .com/ />), or as a Quick Response Code (QR code). The referenced web page shall be reviewed for accuracy and date of validation.

3. Revision to Glossary Term “Receptacle Outlet”

PROPOSAL

6.13 RECEPTACLE OUTLET (OR RECEPTACLE) – A single female contact device ~~mounted within an electrical enclosure~~ to allow a detachable electrical connection of an attachment plug.

BSR/UL 1363, Standard for Safety for Relocatable Power Taps

1. Update Standards Reference UL 62368-1

PROPOSAL

28 Low Voltage Charging and Isolated Secondary Output Circuits

28.1 A charging circuit and/or isolated secondary output circuit provided in a RPT, shall comply with the Standard for Class 2 Power Units, UL 1310, ~~or~~ the Standard for Information Technology Equipment - Safety - Part 1: General Requirements, UL 60950-1 or the Standard for Audio/Video, Information and Communication Technology Equipment - Part 1: Safety Requirements, UL 62368-1 for Limited Power Circuits. When UL 62368-1 is used ES1 (Electrical Energy source class1) and PS2 (Power source class 2) ratings apply.

2. Addition of Requirements Allowing Electronic Installation Instructions

PROPOSAL

53 Details

52.5 When the RPT manufacturer's web site is used to identify installation instruction information, the web address shall be marked on the RPT, packaging and/or information sheet. The web address may be in the form of a Uniform Resource Locator (URL – <http://www. .com/ />), or as a Quick Response Code (QR code). The referenced web page shall be reviewed for accuracy and date of validation.

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BSR/UL 1651, Standard for Safety for Optical Fiber Cable

1. Topic – Sunlight Resistance - Deletion of Carbon-Arc Exposure

PROPOSAL

10 Sunlight Resistance Test

10.1 For cable that is marked for use in sunlight, the ratio of the average tensile strength and ultimate elongation of five conditioned specimens of the overall jacket to the average tensile strength and ultimate elongation of five unconditioned specimens of the overall jacket shall be 0.80 or more when the finished cable is conditioned and tested as described in the Weather (sunlight) Resistance Test, in UL 2556, using 720 hours of ~~carbon-arc exposure~~ or xenon-arc exposure.

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UL 2518-202X, Standard for Air Dispersion Systems

1. Expand the scope and testing criteria to cover products under negative pressure conditions

PROPOSAL

1.3 These air dispersion system materials are intended to be limited for use in air handling systems in exposed locations operating under positive pressure.

Exception: Air dispersion systems that have been tested to Section 10A (Collapse Test) and labeled with the rated negative pressure are not limited to operating under positive pressure.

10A Collapse Test

10A.1 The collapse test is required when an air dispersion system is labeled for installation in a negative pressure application and marked accordingly. ~~The collapse test is only required if the product is intended to be installed in a negative pressure application, and marked accordingly.~~

11.1 Each piece of the air dispersion system shall be marked with:

- a) The manufacturer's or vendor's identification;
- b) The rated air velocity;
- c) The rated positive pressure;
- d) The statement, "For Use in Positive Pressure Mechanical Ventilation Systems Only", except where marked per item (g). ~~The rated negative pressure, if applicable;~~
- e) The statement, "This Product Shall Not Pass Through Fire-Resistance-Rated Assemblies", ~~or equivalent wording;~~
- f) The statement, "For Use in Exposed Dry Interior Locations Only", ~~or equivalent wording;~~ and
- g) If applicable, the rated negative pressure and rated negative pressure design ~~cross-sectional area, if applicable; and~~
- h) ~~If intended for positive pressure applications only, the statement, "For Use in Positive Pressure Mechanical Ventilation Systems Only", or equivalent wording.~~

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