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CONTENTS

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Project Initiation Notification System (PINS)

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

ACMA (American Composites Manufacturers Association)

Susan Hilaski <shilaski@acmanet.org> | 200 N. 15th Street, Suite 250 | Arlington, VA 22201 www.acmanet.org

Revision

BSR/ACMA EF01-202X, Unified Emission Factors (UEF) for Open Molding and Other Composite Processes (revision and redesignation of ANSI/ACMA UEF-1-2019)
Stakeholders: Composites manufacturers, suppliers to the composites industry, government or regulatory agencies, and other interested parties.

Project Need: Composites manufacturers are required to report air emissions from their facilities on a regular basis. Without sanctioned factors, each facility would be required to conduct prohibitive emission testing.

Interest Categories: Manufacturer/Molder/Producer, Material/ Equipment Supplier/Distributor, Government/Regulatory, General Interest, and User

The emission factors will include emission estimates from the open molding and other processes used in the composites industry. It will provide the user with a mechanism to estimate emissions based on the production process, materials being used and techniques employed. The final emission estimates will satisfy state and federal requirements for permit compliance and reporting emissions on Form R.

ANS (American Nuclear Society)

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

Revision

BSR/ANS 8.23-202x, Nuclear Criticality Accident Emergency Planning and Response (revision of ANSI/ANS 8.23-2019 (R2024))
Stakeholders: Government and commercial facilities that process or handle fissile material outside reactors and have credible and non-trivial consequences related from a nuclear criticality accident.

Project Need: Revision is needed to include clarifications, updated references, and modernize discussions and recommendations in the Appendices.

Interest Categories: Government Agency, Individual, National Laboratories/Government Facilities, Vendor, Society, University

This standard provides criteria for minimizing risks to personnel during emergency response to a nuclear criticality accident outside reactors. The criteria address management and technical staff responsibilities, planning, equipment, evacuation, rescue, reentry, stabilization, training, drills, and exercises. This standard applies to facilities, locations, or activities judged to have credible and non-trivial consequences from a criticality accident. This standard does not apply to nuclear power plant sites, to licensed research reactor facilities, or the conduct of critical experiments, where addressed by other standards.

FM (FM Approvals)

Josephine Mahnken <josephine.mahnken@fmapprovals.com> | One Technology Way | Norwood, MA 02062 www.fmapprovals.com

Revision

BSR/FM 4473-202x, Impact Resistance Testing of Rigid Roofing Materials by Impacting with Freezer Ice Balls (revision of ANSI/FM 4473-2011 (R2020))
Stakeholders: Commercial and industrial building end users, building code officials, AHJ's, manufacturers, architects, consultants, loss prevention engineers, insurance companies/agencies.

Project Need: To create an American National Standard for impact resistance testing of varying roof covering materials.

Interest Categories: General interest, producers, manufacturers, insurance

This test standard currently states the test requirements and procedures for the assessment of impact resistance of new rigid roofing materials by impacting with freezer ice balls. The intent of this scope expansion is to remove the restriction to rigid roofing materials and expand the applicability of the test method to roofing materials including but not limited to single-ply, built-up, metal, and modified bitumen roofing materials and assemblies, and to allow for impacts with alternate kinetic energies.

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

Jill Powers <jpowers@itic.org> | 700 K Street NW, Suite 600 | Washington DC, DC 20001 www.incits.org

Revision

INCITS 410-202x, Information Technology - Identification Cards - Limited Use (LU), Proximity Integrated Circuit Card (PICC) (revision of INCITS 410:2015 [R2025])
Stakeholders: Transit industry, numerous limited use contactless card/ticket applications.

Project Need: This was established primarily for the transit industry in the document development.

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

The revision of INCITS 410-2015 is required because the changes under consideration within INCITS 440-2015 (currently under revision) will not be in sync with the test recommendations within INCITS 410-202x. The INCITS/ID-Cards technical committee will review INCITS 410-2015 and make changes required to align with the revisions in INCITS 440-202x.

SCTE (Society of Cable Telecommunications Engineers)

Natasha Aden <naden@scte.org> | 140 Philips Road | Exton, PA 19341-1318 www.scte.org

Revision

BSR/SCTE 38-1-202x, Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-PROPERTY-MIB Management Information Base (MIB) Definition (revision of ANSI/SCTE 38-1-2017 (R2022))
Stakeholders: Cable telecommunications industry

Project Need: Update to current technology

Interest Categories: User, Producer, General Interest

The Property MIB defines the "properties" that may be associated with each alarmable parameter in HMS MIBs. The purpose of a "property"is to provide a mechanism to managed alarm thresholds. Both analog and discrete alarmable values are defined. The Property MIB contains information that must be supported by all HMS network elements, including but not limited to, transponders, line monitors, amplifiers, fiber nodes, and power supplies. The MIB is defined so that "properties" may be applied to any parameter (not necessarily limited to HMS MIB objects), because each property is indexed by the object identifier of the parameter.

SCTE (Society of Cable Telecommunications Engineers)

Natasha Aden <naden@scte.org> | 140 Philips Road | Exton, PA 19341-1318 www.scte.org

Revision

BSR/SCTE 38-2-202x, Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-ALARMS-MIB Management Information Base (MIB) Definition (revision of ANSI/SCTE 38-2-2017 (R2022))
Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

Interest Categories: User, Producer, General Interest

The Alarms MIB defines the reporting of alarms that result from MIB parameters meeting or exceeding the alarm conditions previously configured. This MIB describes both the table of recent alarms, and the SNMP trap generated when alarms occur. The Alarms MIB contains information that must be supported by all HMS network elements, including but not limited to, transponders, line monitors, amplifiers, fiber nodes, and power supplies. Alarms are not necessarily limited to HMS MIB objects.

ULSE (UL Standards and Engagement)

Celine Eid <celine.eid@ul.org> | 100 Queen Street, Suite 1040 | Ottawa, ON K1P 1J9 Canada https://ulse.org/

New Standard

BSR/UL 1441A-202x, Standard for Sleeving for Cable Management (new standard)
Stakeholders: Manufacturers, producers, testing and standards bodies

Project Need: Currently coated sleeving intended to provide electrical protection to inadequately insulated components of electrical systems is covered under a bi-national standard, UL 1441 and CSA C22.2 No. 198.3. Manufacturers produce woven or braided sleeving constructed without coating applied or impregnated on the surface. These constructions may be adjustable in diameter to provide an enclosed wire pathway for internal wiring in product applications and demonstrate a neat and workmanlike manner in accordance with relevant electrical codes. Sleeving is commonly installed in industrial, residential, and transportation including automotive (electric vehicles), railway, and marine. The proposed tests are based on comparable test methods outlined in existing standards for coated electrical sleeving, extruded insulating tubing, and appliance wiring material referenced below: - UL 1441 and CSA C22.2 No. 198.3; UL 224 and CSA C22.2 No. 198.1; UL 758; CSA C22.2 No. 210; certifications have been established for these types of constructions for many years based on the test program proposed in this Standard Publication of UL 1441A would allow for end-product standards to reference UL 1441A and could eliminate the need for end-product requirements to address these type of cable management systems. Benefits of a Single Standard for US and Canada Publishing UL ...

Interest Categories: Producers, Testing & Standards Organizations, AHJ/Regulator, Commercial/Industrial Users, General

The proposed first edition of the Standard for Sleeving for Cable Management, ANSI/CAN/UL 1441A, covers woven, braided, expandable, shrinkable, spiral wrap, or polymeric sleeving intended to the management of systems in electrical installations, such as securing, covering, or additional protection to bundles of wires, cables, and the like.

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: July 6, 2025

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC P-1-202x, Installation of Exhaust Systems for Propulsion of Auxiliary Engines (revision of ANSI/ABYC P -1-2019)
This standard addresses the design and installation of exhaust systems on boats equipped with internal combustion inboard or sterndrive engines, or permanently installed auxiliary engines, from the exhaust outlet of the engine or the turbocharger, if used, through the terminus where the exhaust gases are discharged.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: comments@abycinc.org

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

180 Technology Parkway, Peachtree Corners, GA 20092 | knguyen@ashrae.org, www.ashrae.org

Addenda

ASHRAE Addendum j to ANSI/ASHRAE Standard 15-2024, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022)
A grammatical change was made to item c. of 7.5.3 and approval by the AHJ was removed from item f. of 7.5.3.
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: July 6, 2025

ULSE (UL Standards and Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709 | ashley.seward@ul.org, https://ulse.org/

National Adoption

BSR/UL 60335-1-202x, Standard for Household and Similar Electric Appliances, Part 1: General Requirements (national adoption of IEC 60335-1 with modifications and revision of ANSI/UL 60335-1-2016)
This proposal includes revisions to the proposed adoption of IEC 60335-1, Standard for Safety of Household and Similar Electrical Appliances, Part 1: General Requirements (Edition 6, Issued by the IEC in September 2020), as the seventh edition of UL 60335-1.
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/Home/ProposalsDefault.aspx

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 50E-202x, Standard for Enclosures for Electrical Equipment - Environmental Considerations (revision of ANSI/UL 50E-2024)
This project intends to request to change Clause 7.2.3.1.
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 and Engagement)

100 Queen St suite 1040, Ottawa, ON K1P1A5 | mit.modi@ul.org, https://ulse.org/

Revision

BSR/UL 83B-202x, Standard for Switchboard and Switchgear Wires and Cables (revision of ANSI/UL 83B-2020)
These requirements cover 14 – 4/0 AWG sizes of 600-V, single-conductor, switchboard and switchgear wires and cables for use in accordance with the National Electrical Code.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Mit Modi <mit.modi@ul.org>

Comment Deadline: July 6, 2025

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 142-202x, Steel Aboveground Tanks for Flammable and Combustible Liquids (revision of ANSI/UL 142 -2021)

These requirements cover steel primary, secondary, and diked-type atmospheric storage tanks intended for the storage of noncorrosive, stable flammable, and combustible liquids with a specific gravity (spg) not exceeding 1.0 in aboveground applications, except for tanks storing liquids with a specific gravity that exceeds 1.0, covered in Section 12. Each tank type may be fabricated in a combination of various shapes (cylindrical, rectangular, or obround) and orientations (horizontal, vertical) with or without multiple compartments, as covered in this Standard. These tanks are intended for installation and use in accordance with the Flammable and Combustible Liquids Code, NFPA 30; the Standard for Installation of Oil-Burning Equipment, NFPA 31; the Code for Motor Fuel Dispensing Facilities and Repair Garages, NFPA 30A; the Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines, NFPA 37; the Uniform Fire Code, NFPA 1; and the International Fire Code published by the International Code Council. The tanks covered by these requirements are fabricated, inspected, and tested for leakage before shipment from the factory as completely assembled vessels.

Click here to view these changes in full

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

ULSE (UL Standards and Engagement)

1603 Orrington Ave, Suite 2000, Evanston, IL 60201 | Lisette.delgado@ul.org, https://ulse.org/

Revision

BSR/UL 498B-202x, Standard for Safety for Receptacles with Integral Switching Means (revision of ANSI/UL 498B-2022)

Revise current American National Standard.

Click here to view these changes in full

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

ULSE (UL Standards and Engagement)

100 Queen St suite 1040, Ottawa, ON K1P1A5 | mit.modi@ul.org, https://ulse.org/

Revision

BSR/UL 1685-202x, Standard for Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables (revision of ANSI/UL 1685-2010 (R2020))

1.1 Limits are specified for each fire test to make the tests equally acceptable for the purpose of quantifying the smoke. The cable manufacturer is to specify, for testing each limited-smoke cable construction, either the UL vertical-tray flame exposure described in Sections 4 – 11 or the FT4/IEEE 1202 type of flame exposure described in Sections 12 – 19. The same test need not be specified for all constructions. Sections 20 – 25 provide for the collection of certain optional additional data, which may be requested by the cable manufacturer (see list in 25.1).

1.2 For cables that are subject to a vertical-tray flame test without the cable manufacturer requesting the rating for limited smoke, the end-product wire standard specifies that smoke measurements are not applicable. In the UL or FT4/IEEE 1202 test for these cables, only the flame height and cable damage height are of interest unless the manufacturer requests that the smoke data and results also be reported.

Click here to view these changes in full

Send comments (copy psa@ansi.org) to: Mit Modi <mit.modi@ul.org>

Comment Deadline: July 6, 2025

ULSE (UL Standards and Engagement)

47173 Benicia Street, Fremont, CA 94538 | Linda.L.Phinney@ul.org, https://ulse.org/

Revision

BSR/UL 4703-202X, Standard for Safety for Photovoltaic Wire (revision of ANSI/UL 4703-2014 (R2020))
Marking for other than Class B, C, or SIW, New 11.2 (I).
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)

1603 Orrington Ave, Suite 2000, Evanston, IL 60201 | madison.lee@ul.org, https://ulse.org/

Revision

BSR/UL 5840-202x, Standard for Safety for Electrical Systems of Battery Powered Aviation Ground Support Equipment (revision of ANSI/UL 5840-2022)
An addition of an exception for batteries and battery management systems not being used for traction power to ground support equipment is being proposed to the Standard for Safety for Electrical Systems of Battery Powered Aviation Ground Support Equipment, ANSI/UL 5840.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: July 21, 2025

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB BPR 193-202x, Best Practice Recommendations for Determining What Scene and Death Locations a Medicolegal Death Investigation Authority Should Respond to for Investigation. (new standard)
This document provides best practice recommendations for determining when a response and investigation by a medicolegal death investigation authority are necessary. This document addresses which types of decedents, locations, and cases should be examined at the location of death and at the incident scene. Details on how to conduct scene investigations are not addressed in this document.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: https://www.aafs.org/academy-standards-board
Send comments (copy psa@ansi.org) to: asb@aafs.org

Comment Deadline: July 21, 2025

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 196-202x, Standard for the Documentation and Processing of Shooting Scenes (new standard)
This document provides requirements for the documentation and processing of shooting scenes that may be subject to shooting reconstruction. This document does not provide complete protocols for conducting a full shooting reconstruction.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: https://www.aafs.org/academy-standards-board
Send comments (copy psa@ansi.org) to: asb@aafs.org

ACCA (Air Conditioning Contractors of America)

1520 Belle View Boulevard, #5220, Alexandria, VA 22307 | david.bixby@acca.org, www.acca.org

Addenda

BSR/ACCA 3 Manual S, Addendum c-202x, Residential Equipment Selection (addenda to ANSI/ACCA 3 Manual S -2023, Addendum a-2024, and Addendum b-2024 ,)
This standard provides procedures for selecting and sizing residential cooling equipment, heat pumps, electric heating coils, furnaces, boilers, ancillary dehumidification equipment, humidification equipment, and direct evaporative cooling equipment. The proposed changes are to further clarify the existing requirements, correct some errors, and to address user experience.
Single copy price: Free
Obtain an electronic copy from: david.bixby@acca.org
Send comments (copy psa@ansi.org) to: Same

ANS (American Nuclear Society)

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

Reaffirmation

BSR/ANS 6.1.1-2020 (R202x), Photon and Neutron Fluence-to-Dose Conversion Coefficients (reaffirmation of ANSI/ANS 6.1.1-2020)
This standard presents data recommended for computing the biologically relevant dosimetric quantity in photon and neutron radiation fields. Specifically, this standard is intended for use by radiation shielding designers for the calculation of effective dose. Fit coefficients are given for evaluating whole body effective dose per unit fluence for photons with energy between 10 keV to 10 GeV and for neutrons with energy between 0.001 eV to 10 GeV. Eight different irradiation geometries are considered. Establishing exposure limits is outside the scope of this standard.
Single copy price: $50.00
Obtain an electronic copy from: orders@ans.org
Send comments (copy psa@ansi.org) to: standards@ans.org

Comment Deadline: July 21, 2025

ANS (American Nuclear Society)

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

Reaffirmation

BSR/ANS 6.3.1-1987 (R202x), Program for Testing Radiation Shields in Light Water Reactors (LWR)
(reaffirmation of ANSI/ANS 6.3.1-1987 (R2020))
This standard describes a test program to be used in evaluating biological radiation shielding in nuclear reactor facilities under normal operating conditions including anticipated operational occurrences. The program encompasses examining and testing to be performed before startup, during startup, and testing subsequent to the startup phase. Post startup tests are required for the shielded components which do not contain sufficient radioactivity during the startup phase to allow valid testing. Shielding of these components is to be tested when radiation sources develop or are introduced into sufficient strength to allow meaningful measurements. Post startup shield tests are also required whenever radioactive or potentially radioactive equipment which could affect the adequacy of the installed shielding is introduced into the plant or relocated within the plant, or when previously tested shielding has been modified. One special category of post start-up testing is the testing of shielding during refueling operations.
Single copy price: $50.00
Obtain an electronic copy from: orders@ans.org
Send comments (copy psa@ansi.org) to: standards@ans.org

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

180 Technology Parkway, Peachtree Corners, GA 20092 | knguyen@ashrae.org, www.ashrae.org

Addenda

ASHRAE Addendum k to ANSI/ASHRAE Standard 15-2024, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022)
This Addendum incorporates elevation adjusted values for RCL and LFL, introduced as RCLe and LFLe, to modify permissible charge allowances in connected spaces, as well as required minimum ventilation opening and minimum airflow requirements for installations based on elevation relative to mean sea level.
Single copy price: Free
Obtain an electronic copy from: Free download available at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: July 21, 2025

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

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

New Standard

BSR/ASHRAE/ICC Standard 240P-202x, Quantification of Life Cycle Greenhouse Gas Emissions of Buildings (new standard)
The purpose of this standard is to provide a methodology to quantify and document greenhouse gas emissions associated with buildings, building systems, and building equipment, and their sites over their life cycle. This standard provides minimum requirements for the quantification of embodied and operational greenhouse gas emissions associated with buildings, and their sites. This standard provides minimum requirements for documentation of life cycle greenhouse gas emissions. This standard does not set benchmarks or establish levels of building performance. This is the second Independent Substantive Change public review.
Single copy price: Free
Obtain an electronic copy from: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts
Send comments (copy psa@ansi.org) to: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK72932-202x, Guide for the Forensic Collection, Analysis, Comparison and Evaluation of Glass (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK90340-202x, Guide for Sports Facility Padding (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK93265-202x, Guide for the Forensic Analysis of Geological Materials by Scanning Electron Microscopy and Energy Dispersive X-Ray Spectrometry (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: July 21, 2025

ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F2983-2013 (R202x), Guide for Manufacturers for Labeling and Care Instructions for Wrestling Mats (reaffirmation of ANSI/ASTM F2983-2013 (R2018))
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

Revision

BSR/ASTM D3679-202x, Specification for Rigid Poly(Vinyl Chloride) (PVC) Siding (revision of ANSI/ASTM D3679 -2024)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

Revision

BSR/ASTM D6299-202x, Practice for Applying Statistical Quality Assurance and Control Charting Techniques to Evaluate Analytical Measurement System Performance (revision of ANSI/ASTM D6299-2023a)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

Revision

BSR/ASTM D7372-202x, Guide for Analysis and Interpretation of Proficiency Test Program Results (revision of ANSI/ASTM D7372-2021)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: July 21, 2025

ASTM (ASTM International)

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

Revision

BSR/ASTM E329-202x, Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection (revision of ANSI/ASTM E329-2023)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

Revision

BSR/ASTM E2881-202x, Test Method for Extraction and Derivatization of Vegetable Oils and Fats from Fire Debris and Liquid Samples with Analysis by Gas Chromatography-Mass Spectrometry (revision of ANSI/ASTM E2881-2018)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

Revision

BSR/ASTM F765-202x, Specification for Wildcats, Ship Anchor Chain (revision of ANSI/ASTM F765-1993 (R2022))
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

Revision

BSR/ASTM F3146-202x, Test Method for Impact Attenuation of Turf Playing Systems Designated for Rugby (revision of ANSI/ASTM F3146-2018)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: July 21, 2025

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 | dgreco@atis.org, www.atis.org

Stabilized Maintenance

BSR/ATIS 0900105-2015 (S202x), Synchronous Optical Network (SONET) - Basic Description including Multiple Structure, Rates, Formats (stabilized maintenance of ANSI/ATIS 0900105-2015 (R2020))
The purpose of this standard is to specify the multiplexing format and basic overhead definitions for the Synchronous Optical Network (SONET) signal. Other standards in the ATIS-0900105.2008 series build upon this base document by providing additional detailed information about other, specific aspects of SONET.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Drew Greco <dgreco@atis.org>

ICC (International Code Council)

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

New Standard

BSR/ICC 1150-202x, Standard for 3D Automated Construction Technology for 3D Concrete Walls (new standard)
As an ANSI-accredited SDO, ICC is developing a new standard to establish minimum requirements for the evaluation of structural performance of 3D Concrete walls and proprietary concrete wall-to-floor connections designed in accordance with applicable building codes, including material and durability properties of proprietary 3D Concrete.
Single copy price: Free
Obtain an electronic copy from: https://www.iccsafe.org/products-and-services/i-codes/code-development/cs/3dact_consensus_committee/
Send comments (copy psa@ansi.org) to: https://form.jotform.com/Code_Apps/ICC-Public_Comments

ICE (Institute for Credentialing Excellence)

2001 K Street NW, 3rd Floor North, Washington, DC 20006 | ldombrowski@credentialingexcellence.org, www.credentialingexcellence.org

Revision

BSR/ICE 1100-2025, Standard for Assessment-Based Certificate Programs (revision of ANSI/ICE 1100-2019)
This standard pertains to assessment-based certificate programs. An assessment-based certificate program is a non-degree granting program that: (a) provides instruction and training to aid participants in acquiring specific knowledge, skills, and/or competencies associated with intended learning outcomes; (b) evaluates participants' accomplishment of the intended learning outcomes; and (c) awards a certificate only to those participants who meet the performance, proficiency, or passing standard for the assessment(s) (hence the term, "assessment-based certificate program").
Single copy price: Free
Obtain an electronic copy from: https://www.credentialingexcellence.org/Accreditation/Earn-Accreditation/ACAP/ICE-1100-Standards-Revision
Send comments (copy psa@ansi.org) to: standards@credentialingexcellence.org

Comment Deadline: July 21, 2025

ISA (International Society of Automation)

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

Reaffirmation

BSR/ISA 67.01.01-2019 (R202x), Transducer and Transmitter Installation for Nuclear Safety Applications (reaffirmation and redesignation of ANSI/ISA 67.01.01-2019)
This standard covers the installation of transducers for nuclear safety-related applications. It establishes requirements and recommendations for the installation of transducers and auxiliary equipment for nuclear applications outside of the main reactor vessel.
Single copy price: $9.00
Obtain an electronic copy from: tbailey@isa.org
Send comments (copy psa@ansi.org) to: Same

ULSE (UL Standards and Engagement)

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

National Adoption

BSR/UL 60947-1-202x, Standard for Low-Voltage Switchgear and Controlgear - Part 1: General Rules (national adoption of IEC 60947-1 with modifications and revision of ANSI/UL 60947-1-2022)
Reballot of the following topics which were balloted January 17, 2025: (1) Addition of Class CF; (4) Allowance to Provide User or Installation Manual Information Via the Internet; (5) Clarification Performing the Dielectric Test on DC Rated Devices.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
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 and Engagement)

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

Reaffirmation

BSR/UL 218-2015 (R202x), Standard for Fire Pump Controllers (reaffirmation of ANSI/UL 218-2015 (R2020))
(1) Reaffirmation and continuance of the Third Edition of the Standard for Fire Pump Controllers, UL 218, as an American National Standard.
Single copy price: Free
Obtain an electronic copy from: https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 852-202x, Standard for Metallic Sprinkler Pipe for Fire Protection Service (revision of ANSI/UL 852-2018 (R2023))
Revisions to Material and Dimensional Requirements.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Lauren Valentino, lauren.valentino@ul.org, https://csds.ul.com/ProposalAvailable

Comment Deadline: August 5, 2025

ANS (American Nuclear Society)

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

New Standard

BSR/ANS 2.35-202x, Guidelines for Conducting Socioeconomic Impact Assessments of Nuclear Facility Sites (new standard)
This standard provides guidance for suitable procedures to characterize baseline socioeconomic conditions for estimating the socioeconomic impacts of nuclear power plant and related facilities including spent nuclear fuel storage facilities or other facilities where nuclear fuel is present (hereby termed “nuclear fuel facilities”. The standard is intended to provide civilian and government professionals with methodologies that are generally acceptable to facilitate the regulatory authority review of site suitability relative to socioeconomic considerations as part of a comprehensive environmental analysis for new nuclear facility development and to inform development of environmental documents required per the National Environmental Policy Act (NEPA). The standard is not intended to assess the impacts of license renewal or decommissioning of existing facilities in the United States (U.S.). Methodologies will be ranked, as appropriate, with consideration to situation and location.
Single copy price: $50.00
Obtain an electronic copy from: orders@ans.org
Order from: orders@ans.org
Send comments (copy psa@ansi.org) to: standards@ans.org

ANS (American Nuclear Society)

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

New Standard

BSR/ANS 54.8-202x, Liquid Metal Fire Protection in LMR Plants (new standard)
This standard establishes guidelines and requirements to ensure that the fundamental performance of liquid-metal fire detection, alarm, suppression, control, and structural protection systems are adequate to protect the public health and safety, facility personnel, and minimize or limit the economic loss in the event of a sodium/NaK leak.
Single copy price: $50.00
Obtain an electronic copy from: orders@ans.org
Order from: orders@ans.org
Send comments (copy psa@ansi.org) to: standards@ans.org

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME PTC 31-2011 (R202x), Performance Test Code for High-Purity Water Treatment Systems (reaffirmation of ANSI/ASME PTC 31-2011 (R2017))
This Code defines the procedures for the accurate field testing of high-purity water treatment systems for the purpose of determining level of performance. It is based on the use of accurate instrumentation and the best analytical and measurement procedures available.
Single copy price: $55.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Donnie Alonzo <alonzod@asme.org>

Comment Deadline: August 12, 2025

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME PTC 51-2011 (R202x), Gas Turbine Inlet Air-Conditioning Equipment (reaffirmation of ANSI/ASME PTC 51-2011 (R2016))
This Code provides procedures for in situ testing of inlet air-conditioning systems (cooling/heating) as they apply to gas turbines in simple, cogeneration, and combined-cycle applications.
Single copy price: $137.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Donnie Alonzo <alonzod@asme.org>

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 1937.7-202x, Standard for the Unmanned Aerial Vehicle (UAV) Polarimetric Remote Sensing Method for Earth Observation Applications (new standard)
Polarimetric remote sensing is a new remote sensing observation method and a supplement to conventional remote sensing. It is effective at the ultraviolet, visible, and infrared spectral regions for improved monitoring of the Earth. Different objects have different polarized characteristics, and even different parts of the same objects show different polarization characteristics. As a result, at every band range (ultraviolet, visible, and infrared) polarimetric remote sensing requires different sensors, different band settings, different data preprocessing procedures, and even different recognition models for Earth objects. Multiple parameters and diverse metrics create interoperability and data utilization problems, unless standards are established in various aspects of polarimetric remote sensing for Earth observation systems. This standard's contents specifies the basic definitions of terms in unmanned aerial vehicle (UAV) Earth observation polarimetric remote sensing tasking as well as the basic processes and method from three aspects: data acquisition and preparation, data acquisition and correction, and data processing and application. Instructive suggestions in many specific dimensions are also provided, such as equipment status, parameter indicators, data calibration, and data processing methods. The contents mentioned within this standard will enable vendors to supply various components for UAV polarimetric remote sensing systems and contribute to interoperability in operations and data utilization of polarimetric remote sensing deployed in Earth observation systems.
Single copy price: $60.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-1937-7-2024?product_id=2565299&sid=goog&gad_source=1&gclid=CjwKCAjwyo60BhBiEiwAHmVLJYrGTkHPArzgPBhd3oDtLIAR3qyZeE5krirxYYJoH6xzshUOq7gg3hoCOVwQAvD_BwE
Order from: https://store.accuristech.com/
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

Comment Deadline: August 5, 2025

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE C37.249-202x, Guide for Categorizing Security Needs for Protection-, Automation-, and Control-Related Data Files (new standard)
Security categorization is the first step in a security risk management framework because of its impact on all other steps, from the selection of security controls to apply based on the assessment to the level of effort required to assess the effectiveness of the security controls put in place. Information (data) at rest and information systems are covered by security categorization. The approach used in this guide applies only to data at rest. Types of information and information systems are considered by the National Institute of Standards and Technology (NIST) Special Publication (SP) 800-60 Vol. 1, Rev. 1. Security categories - based on the magnitude of harm expected to result from compromises rather than on the results of an assessment that includes an attempt to determine the probability of compromise - are established by Federal Information Processing Standards (FIPS) 199 [B1]. These standards are aligned by the approach in this guide.
Single copy price: $90.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-c37-249-2024?product_id=2577719&sid=goog&gad_source=1&gclid=CjwKCAjwyo60BhBiEiwAHmVLJYrGTkHPArzgPBhd3oDtLIAR3qyZeE5krirxYYJoH6xzshUOq7gg3hoCOVwQAvD_Bw
Order from: https://store.accuristech.com/
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE C37.300-202x, Guide for Centralized Protection and Control (CPC) Systems within a Substation (new standard)
This guide for Centralized Protection and Control (CPC) systems within a substation addresses the realization of various protection, automation, and control functions within a CPC system utilizing data collected from intelligent electronic devices. This guide includes protection, automation, and control functions within a substation, including interconnecting circuits using devices and their interconnections with suitable communication protocols. This guide includes references to existing standards applicable to protection, automation, and control applications for various types of circuit elements such as generators, transformers, bus bars, shunt and series capacitor banks, reactors, transmission lines, and distribution lines. Some protection and control systems may be applied to protect the integrity of the power system, for example, to avoid cascading outages, equipment damage from unanticipated power system conditions beyond equipment emergency ratings, voltage collapse, angular instability, or other system problems. These systems are referred to as SIPS (system integrity protection schemes). The guide addresses CPC system architectures for typical substation configurations. The guide addresses the reliability and maintainability of each architecture, along with their respective testing requirements. The guide also addresses CPC-based system development, installation, commissioning, troubleshooting, and maintenance.
Single copy price: $132.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-c37-300-2024?product_id=2577719&sid=goog&gad_source=1&gclid=CjwKCAjwyo60BhBiEiwAHmVLJYrGTkHPArzgPBhd3oDtLIAR3qyZeE5krirxYYJoH6xzshUOq7gg3hoCOVwQAvD_Bw
Order from: https://store.accuristech.com/
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

Comment Deadline: August 5, 2025

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 268-202x, Standard for Smoke Detectors for Fire Alarm Signaling Systems (revision of ANSI/UL 268 -2025)
This Standard sets forth requirements for smoke detectors and accessories, including mechanical guards to be employed in ordinary indoor locations in accordance with the following:
(a) In Canada only: (1) Standard for the Installation of Fire Alarm Systems, ULC 524; (2) National Building Code of Canada; and (3) National Fire Code of Canada.
(b) In the United States only: (1) National Fire Alarm and Signaling Code, NFPA 72.
Single copy price: Free
Order from: csds.ul.org
Send comments (copy psa@ansi.org) to: Same

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 1247-202x, Standard for Safety for Diesel Engines for Driving Centrifugal Fire Pumps (revision of ANSI/UL 1247-2024)
(1) Allowance of UL 969, Marking and Labeling Systems; (2) Mechanical Fuel Managed Engines with an Electrical Means to Control Engine Speed.
Single copy price: Free
Order from: https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 1821-202x, Standard for Thermoplastic Sprinkler Pipe and Fittings for Fire Protection Service (revision of ANSI/UL 1821-2019)
Revisions to Standard Sections 9.7, 9.8, 12.1, 20.2A, 21.2A, 23.4, 24.2A, 24.4, Figure 24.1, 25.2A, 26.2A, 31.7, Figure 31.1, Figure 31.2, 31.8, and 31.9, Tables 27.1 and 28.1.
Single copy price: Free
Order from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Lauren Valentino, lauren.valentino@ul.org, https://csds.ul.com/ProposalAvailable

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.

ANS (American Nuclear Society)

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

ANSI/ANS 2.2-2016 (R2025), Earthquake Instrumentation Criteria for Nuclear Power Plants (reaffirmation of ANSI/ANS 2.2-2016 (R2020)) Final Action Date: 6/2/2025 | *Reaffirmation*

ANSI/ANS 2.23-2016 (R2025), Nuclear Power Plant Response to an Earthquake (reaffirmation of ANSI/ANS 2.23-2016 (R2020)) Final Action Date: 6/2/2025 | *Reaffirmation*

ASA (ASC S2) (Acoustical Society of America)

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 | standards@acousticalsociety.org, www.acousticalsociety.org

ANSI/ASA S2.4-1976 (R2025), Method for Specifying the Characteristics of Auxiliary Analog Equipment for Shock and Vibration Measurements (reaffirmation of ANSI/ASA S2.4-1976 (R2020)) Final Action Date: 5/29/2025 | *Reaffirmation*

ANSI/ASA S2.8-2007 (R2025), Technical Information Used for Resilient Mounting Applications (reaffirmation of ANSI/ASA S2.8-2007 (R2020)) Final Action Date: 5/29/2025 | *Reaffirmation*

ANSI/ASA S2.26-2001 (R2025), Vibration Testing Requirements and Acceptance Criteria for Shipboard Equipment (reaffirmation of ANSI/ASA S2.26-2001 (R2020)) Final Action Date: 5/29/2025 | *Reaffirmation*

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

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

ANSI/ASHRAE Addendum 62.2c-2022, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2022) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE Addendum 62.2g-2022, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2022) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE Addendum 62.2w-2022, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2022) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 15-2024, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 15.2-2024, Safety Standard for Refrigeration Systems in Residential Applications (addenda to ANSI/ASHRAE Standard 15.2-2022) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE Addendum c to ANSI/ASHRAE Standard 15.2-2024, Safety Standard for Refrigeration Systems in Residential Applications (addenda to ANSI/ASHRAE Standard 15.2-2022) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE Addendum cu to ANSI/ASHRAE Standard 135-2024, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE Addendum d to ANSI/ASHRAE Standard 52.2-2017, Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2017) Final Action Date: 5/30/2025 | *Addenda*

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

180 Technology Parkway, Peachtree Corners, GA 20092 | knguyen@ashrae.org, www.ashrae.org

ANSI/ASHRAE Addendum e to ANSI/ASHRAE Standard 15.2-2024, Safety Standard for Refrigeration Systems in Residential Applications (addenda to ANSI/ASHRAE Standard 15.2-2022) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE Addendum g to ANSI/ASHRAE Standard 15-2024, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE Addendum u to ANSI/ASHRAE Standard 135.1-2023, Method of Test for Conformance to BACnet® (addenda to ANSI/ASHRAE Standard 135.1-2019) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE/ICC/IES/USGBC Addendum h to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE/IES Addendum af to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE/IES Addendum be to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE/IES Addendum bw to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE/IES Addendum by to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE/IES Addendum cb to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE/IES Addendum cd to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE/IES Addendum ce to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE/IES Addendum cg to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE/IES Addendum ch to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 5/30/2025 | *Addenda*

ANSI/ASHRAE 225-2020 (R2025), Methods for Performance Testing Centrifugal Refrigerant Compressors and Condensing Units (reaffirmation of ANSI/ASHRAE Standard 225-2020) Final Action Date: 5/30/2025 | *Reaffirmation*

ANSI/ASHRAE Standard 194-2025, Method of Test for Direct-Expansion Ground-Source Heat Pumps (revision of ANSI/ASHRAE Standard 194-2017) Final Action Date: 5/30/2025 | *Revision*

ASIS (ASIS International)

1625 Prince Street, Alexandria, VA 22314-2818 | standards@asisonline.org, www.asisonline.org

ANSI/ASIS INV-2025, Investigations (revision and redesignation of ANSI/ASIS INV.1-2015) Final Action Date: 6/2/2025 | *Revision*

ASME (American Society of Mechanical Engineers)

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

ANSI/ASME B5.50-2015 (R2025), 7/24 Taper Tool to Spindle Connection for Automatic Tool Change (reaffirmation of ANSI/ASME B5.50-2015) Final Action Date: 5/27/2025 | *Reaffirmation*

ANSI/ASME B94.2-1995 (S2025), Reamers (stabilized maintenance of ANSI/ASME B94.2-1995 (R2020)) Final Action Date: 5/27/2025 | *Stabilized Maintenance*

ANSI/ASME B94.35-1972 (S2025), Drill Drivers, Split - Sleeve, Collet Type (stabilized maintenance of ANSI/ASME B94.35-1972 (R2020)) Final Action Date: 5/27/2025 | *Stabilized Maintenance*

ANSI/ASME B94.49-1975 (S2025), Spade Drill Blades and Spade Drill Holders (stabilized maintenance of ANSI/ASME B94.49-1975 (R2020)) Final Action Date: 5/27/2025 | *Stabilized Maintenance*

ANSI/ASME B94.54-1999 (S2025), Specifications for Hole Saws, Hole Saw Arbors, and Hole Saw Accessories (stabilized maintenance of ANSI/ASME B94.54-1999 (R2020)) Final Action Date: 5/27/2025 | *Stabilized Maintenance*

AWS (American Welding Society)

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

ANSI/AWS G2.5/G2.5M-2025, Guide for the Fusion Welding of Zirconium and Zirconium Alloys (new standard) Final Action Date: 6/2/2025 | *New Standard*

NCMA (National Contract Management Association)

1818 Library Street, Suite 500, Reston, VA 20190 | kristin.dietz@ncmahq.org, www.ncmahq.org

ANSI/NCMA ASD 1-2019 (R2025), The Contract Management Standard (reaffirmation of ANSI/NCMA ASD 1-2019 (R2022)) Final Action Date: 5/27/2025 | *Reaffirmation*

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Jeff.Noren@NECAnet.org, www.neca-neis.org

ANSI/NECA 407-2025, Standard for Installing and Maintaining Panelboards (revision of ANSI/NECA 407-2015) Final Action Date: 5/29/2025 | *Revision*

NEMA (ASC C136) (National Electrical Manufacturers Association)

1300 North 17th Street Suite 900, Rosslyn, VA 22209 | Zijun.Tong@nema.org, www.nema.org

ANSI C136.13-2025, Roadway and Area Lighting Equipment - Metal Brackets for Wood Poles (revision of ANSI C136.13 -2020) Final Action Date: 6/2/2025 | *Revision*

ANSI C136.58-2025, Luminaire Four-Pin Extension Module and Receptacle - Physical and Electrical Interchangeability and Testing (revision of ANSI C136.58-2019) Final Action Date: 5/29/2025 | *Revision*

NFPA (National Fire Protection Association)

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

ANSI/NFPA 1250-2026, Recommended Practice in Fire and Emergency Service Organization Risk Management (revision of ANSI/NFPA 1250-2020) Final Action Date: 5/19/2025 | *Revision*

NSF (NSF International)

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

ANSI/NSF/CAN 60-2025 (i105r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF/CAN 60 -2024) Final Action Date: 5/24/2025 | *Revision*

ANSI/NSF/CAN 60-2025 (i106r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF/CAN 60 -2024) Final Action Date: 5/23/2025 | *Revision*

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

ANSI/SCTE 165-5-2019 (R2025), IPCablecom 1.5 Part 5: Media Terminal Adapter (MTA) Device Provisioning (reaffirmation of ANSI/SCTE 165-5-2019) Final Action Date: 5/27/2025 | *Reaffirmation*

ANSI/SCTE 165-6-2019 (R2025), IPCablecom 1.5 Part 6: MIBS Framework (reaffirmation of ANSI/SCTE 165-06-2019) Final Action Date: 5/27/2025 | *Reaffirmation*

ANSI/SCTE 165-7-2019 (R2025), IPCablecom 1.5 Part 7: MTA MIB (reaffirmation of ANSI/SCTE 165-07-2019) Final Action Date: 5/27/2025 | *Reaffirmation*

ANSI/SCTE 165-8-2019 (R2025), IPCablecom 1.5 Part 8: Signaling MIB (reaffirmation of ANSI/SCTE 165-08-2019) Final Action Date: 5/27/2025 | *Reaffirmation*

ANSI/SCTE 165-9-2019 (R2025), IPCablecom 1.5 Part 9: Event Messaging (reaffirmation of ANSI/SCTE 165-09-2019) Final Action Date: 5/27/2025 | *Reaffirmation*

ANSI/SCTE 165-11-2019 (R2025), IPCablecom 1.5 Part 11: Analog Trunking for PBX Specification (reaffirmation of ANSI/SCTE 165-11-2019) Final Action Date: 5/27/2025 | *Reaffirmation*

ANSI/SCTE 165-13-2019 (R2025), IPCablecom 1.5 Part 13: Electronic Surveillance Standard (reaffirmation of ANSI/SCTE 165-13-2019) Final Action Date: 5/27/2025 | *Reaffirmation*

ANSI/SCTE 165-14-2019 (R2025), IPCablecom 1.5 Part 14: Embedded MTA Analog Interface and Powering (reaffirmation of ANSI/SCTE 165-14-2019) Final Action Date: 5/27/2025 | *Reaffirmation*

ANSI/SCTE 165-15-2019 (R2025), IPCablecom 1.5 Part 15: Management Event MIB Specification (reaffirmation of ANSI/SCTE 165-15-2019) Final Action Date: 5/27/2025 | *Reaffirmation*

ANSI/SCTE 165-17-2019 (R2025), IPCablecom 1.5 Part 17: Audio Server Protocol (reaffirmation of ANSI/SCTE 165-17 -2019) Final Action Date: 5/27/2025 | *Reaffirmation*

ANSI/SCTE 165-19-2019 (R2025), IPCablecom 1.5 Part 19: CMS Subscriber Provisioning Specification (reaffirmation of ANSI/SCTE 165-19-2019) Final Action Date: 5/27/2025 | *Reaffirmation*

ANSI/SCTE 165-20-2019 (R2025), IPCablecom 1.5 Part 20: MTA Extension MIBS (reaffirmation of ANSI/SCTE 165-20 -2019) Final Action Date: 5/27/2025 | *Reaffirmation*

SEIA (Solar Energy Industries Association)

1425 K Street, NW, Suite 1000, Washington 20005 | jmartin@seia.org, www.seia.org

ANSI/SEIA 401-2025, Solar and Energy Storage Consumer Protection Standard (new standard) Final Action Date: 5/28/2025 | *New Standard*

ULSE (UL Standards and Engagement)

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

ANSI/UL 60745-2-19 (R2025), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-19: Particular Requirements for Jointers (reaffirmation of ANSI/UL 607452-2-19-2011 (R2020)) Final Action Date: 5/30/2025 | *Reaffirmation*

ANSI/UL 60745-2-14-2011 (R2025), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2 -14: Particular Requirements for Planers (reaffirmation of ANSI/UL 60745-2-14-2011 (R2020)) Final Action Date: 5/29/2025 | *Reaffirmation*

ANSI/UL 1004-3-2025, Standard for Safety for Thermally Protected Motors (revision of ANSI/UL 1004-3-2018 (R2023)) Final Action Date: 5/27/2025 | *Revision*

ANSI/UL 1277-2025, Standard for Safety for Electrical Power and Control Tray Cables with Optional Optical-Fiber Members (revision of ANSI/UL 1277-2023) Final Action Date: 5/29/2025 | *Revision*

ANSI/UL 1278-2025, Standard for Safety for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278-2024) Final Action Date: 5/27/2025 | *Revision*

ANSI/UL 2208-2025, Standard for Safety for Solvent Distillation Units (revision of ANSI/UL 2208-2020) Final Action Date: 5/29/2025 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

NENA - National Emergency Number Association

BSR/NENA STA.021.2-202x

NENA is seeking User and General Interest volunteers to participate in the EIDO-JSON Working Group to support the revision of the NENA Standard for Emergency Incident Data Objects (EIDO), NENA-STA-021.1.1 -202Y. Meetings are held on Fridays from 1:00 – 2:00 PM ET. To join, please complete the form at this link: https://www.nena.org/page/JoinEIDOJSONWG

ANSI Accredited Standards Developers

NENA - National Emergency Number Association

BSR/NENA STA-010.3.1-202x

NENA is seeking User and General Interest volunteers to participate in the i3 Architecture Working Group to support the revisions of the NENA i3 Standard for Next Generation 9-1-1, NENA-STA-010.3.1-202Y and the Legacy Selective Router Gateway (LSRG) Standard, NENA-STA-034.2-202Y. Meetings are held on Thursdays from 10:30 AM – 12:00 PM ET. To join, please complete the form at this link: https://www.nena.org/page/i3ArchitectureWG

ANSI Accredited Standards Developer

AAMI - Association for the Advancement of Medical Instrumentation

Call for Participation

AAMI TIR130 Ed 1 - Best Practices for Designing Accessible At-Home Diagnostic Test Kits

The following stakeholder groups are underrepresented:

Industry: *A member of a consensus body who, as an individual or organizational representative, is involved in the commercial production, promotion, sale, use or distribution of materials, products, systems, or services covered in the scope of technical documents developed by AAMI shall be classified as an Industry Interest stakeholder. Individuals in this interest category include manufacturers, those involved in supply chains, employees of test labs or commercial labs, industry consultants, etc.*
User: *A member of a consensus body who, as an individual or organizational representative, purchases, utilizes or receives the materials, products, systems, or services covered in the scope of technical documents developed by AAMI in the delivery of healthcare shall be classified as a User Interest stakeholder. Individuals in this interest category include clinicians, employees or representatives of Healthcare Delivery Organizations, clinical consultants, patients, etc.*
Regulatory: *A member of a consensus body who, as an individual or organizational representative, is involved in the regulation of the materials, products, systems, or services covered in the scope of the technical documents developed by AAMI shall be classified as a Regulatory Interest stakeholder. Individuals in this interest category would include those representing federal, state, local, foreign, or other government entities.*
General interest: *A member of a consensus body who, as an individual or organizational representative, has a general direct and material interest in the materials, products, systems, or services covered in the scope of the technical documents developed by AAMI and who does not fit into any of the preceding categories shall be classified as a General Interest stakeholder. Individuals in this category would include noncommercial academicians, noncommercial researchers, patient or consumer advocates, representatives of accrediting organizations, representatives of other organizations, etc.*
Other Interest: *A member who does not fit into any of the preceding interest categories but who still has an identifiable material interest in, or specialized knowledge of the materials, products, systems, or services covered in the scope of technical documents developed by AAMI in the delivery of healthcare shall be classified as an Other Interest stakeholder. The particular interest shall be declared and documented.*

ABYC (American Boat and Yacht Council)

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

BSR/ABYC P-1-202x, Installation of Exhaust Systems for Propulsion of Auxiliary Engines (revision of ANSI/ABYC P-1 -2019)
Interest Categories: Soliciting for categories: Manufacturer - Accessory; Insurance/Survey

ACMA (American Composites Manufacturers Association)

200 N. 15th Street, Suite 250, Arlington, VA 22201 | shilaski@acmanet.org, www.acmanet.org

BSR/ACMA EF01-202X, Unified Emission Factors (UEF) for Open Molding and Other Composite Processes (revision and redesignation of ANSI/ACMA UEF-1-2019)

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 | dgreco@atis.org, www.atis.org

BSR/ATIS 0900105-2015 (S202x), Synchronous Optical Network (SONET) - Basic Description including Multiple Structure, Rates, Formats (stabilized maintenance of ANSI/ATIS 0900105-2015 (R2020))

ISA (International Society of Automation)

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

BSR/ISA 67.01.01-2019 (R202x), Transducer and Transmitter Installation for Nuclear Safety Applications (reaffirmation and redesignation of ANSI/ISA 67.01.01-2019)

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

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

INCITS 410-202x, Information Technology - Identification Cards - Limited Use (LU), Proximity Integrated Circuit Card (PICC) (revision of INCITS 410:2015 [R2025])

ULSE (UL Standards and Engagement)

100 Queen St suite 1040, Ottawa, ON K1P1A5 | mit.modi@ul.org, https://ulse.org/

BSR/UL 83B-202x, Standard for Switchboard and Switchgear Wires and Cables (revision of ANSI/UL 83B-2020)

ULSE (UL Standards and Engagement)

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

BSR/UL 142-202x, Steel Aboveground Tanks for Flammable and Combustible Liquids (revision of ANSI/UL 142 -2021)

ULSE (UL Standards and Engagement)

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

BSR/UL 268-202x, Standard for Smoke Detectors for Fire Alarm Signaling Systems (revision of ANSI/UL 268-2025)

ULSE (UL Standards and Engagement)

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

BSR/UL 1247-202x, Standard for Safety for Diesel Engines for Driving Centrifugal Fire Pumps (revision of ANSI/UL 1247-2024)

ULSE (UL Standards and Engagement)

100 Queen St suite 1040, Ottawa, ON K1P1A5 | mit.modi@ul.org, https://ulse.org/

BSR/UL 1685-202x, Standard for Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables (revision of ANSI/UL 1685-2010 (R2020))

American National Standards (ANS) Announcements

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0900102-1993 (S2025], Digital Hierarchy - Electrical Interfaces

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0900105.01-2000 (S2025], Synchronous Optical Network (SONET) - Automatic Protection Switching

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0900105.04-1995 (S2025], Synchronous Optical Network (SONET) - Data Communication Channel Protocol and Architectures

For inquiries please contact: Drew Greco <dgreco@atis.org>

American National Standards (ANS) Announcements

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0900105.05-2002 (S2025), Synchronous Optical Network (SONET): Tandem Connection Maintenance

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0900105.06-2002 (S2025), Synchronous Optical Network (SONET): Physical Layer Specifications

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600401.01-2000 (S2025), Network to Customer Installation Interfaces - Analog Voicegrade Switched Access Lines Using Loop-Start or Ground Start Signaling With Line-Side Answer Supervision Feature

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600401.02-2000 (S2025), Network-to-Customer Installation Interfaces - Analog Voicegrade Switched Access Lines with Distinctive Ringing Features

For inquiries please contact: Drew Greco <dgreco@atis.org>

American National Standards (ANS) Announcements

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600401.03-1998 (S2025], Network-to-Customer Installation Interfaces - Analog Voicegrade Switched Access Lines with Calling Number Delivery, Calling Name Delivery, or Visual Message-Waiting Indicator Features

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600401.04-2000 (S2025], Network and Customer Installation Interfaces - Analog Voicegrade Switched Access Lines with the Call Waiting, Distinctive Call Waiting, or Calling Identity Delivery on Call Waiting Feature

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600401.05-2000 (S2025], Network-to-Customer Installation Interfaces - Analog Voicegrade Switched Access Lines with Network-Implemented Coin-Operated Payphone Feature

For inquiries please contact: Drew Greco <dgreco@atis.org>

American National Standards (ANS) Announcements

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600403.01-1999 (S2025], Network and Customer Installation Interfaces - (ISDN) Primary Rate Layer 1 Electrical Interfaces Specification

For inquiries please contact:Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600403.02-1999 (S2025], Network and Customer Installation Interfaces - DS1 - Robbed-Bit Signaling State Definitions

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600403.02.a-2001 (S2025], Supplement to ATIS-0600403.02.1999(R2005) - Network and Customer Installation Interfaces - DS1 Robbed-bit Signaling State Definitions

For inquiries please contact: Drew Greco <dgreco@atis.org>

American National Standards (ANS) Announcements

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600403.03-2002 (S2025], Network and Customer Installation Interfaces - DS1 Physical Layer Interface and Mapping Specifications for ATM Applications

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600403-1999 (S2025], Network and Customer Installation Interfaces - DS1 Electrical Interfaces

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600403.a-2001 (S2025], Supplement to ATIS-0600403.1999(R2007) - Network to Customer Installation Interfaces - DS1 Electrical Interfaces

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600403.b-2002 (S2025], Supplement to ATIS-0600403.1999(R2007) - Network and Customer Installation Interfaces - DS1 Electrical Interface

For inquiries please contact: Drew Greco <dgreco@atis.org>

American National Standards (ANS) Announcements

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600404.01-2002 (S2025], Network and Customer Installation Interfaces - DS3 Physical Layer Interface and Mapping Specifications for ATM Applications

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600404-2002 (S2025], Network and Customer Installation Interfaces - DS3 and Metallic Interface Specification

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600404.a-2005 (S2025], Supplement to T1.404-2004, Network and Customer Installation Interfaces - DS3 Metallic Interface Specification

For inquiries please contact: Drew Greco <dgreco@atis.org>

American National Standards (ANS) Announcements

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600405-2002 (S2025], Network and Customer Installation Interfaces - Direct Inward Dialing Analog Voicegrade Switched Access Using Loop Reverse-Battery Signaling

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600407-2002 (S2025], Network-to-Customer Installation Interfaces - Analog Voicegrade Special Access Lines Using Customer-Installation-Provided Loop-Start Supervision

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600409-2002 (S2025], Network and Customer Installation Interfaces - Analog Voicegrade Special Access Lines Using E&M Signaling

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600410-2001 (S2025], Network-to-Customer Electrical Interface - Digital Data at 64 kbit/s and Subrates

For inquiries please contact: Drew Greco <dgreco@atis.org>

American National Standards (ANS) Announcements

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600411-2001 (S2025], Network-to-Customer Installation Interfaces - Analog Voicegrade Enhanced 911 Switched Access Using Network-Provided Reverse-Battery Signaling

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600416.01-1999 (S2025], Network to Customer Installation Interfaces - Synchronous Optical NETwork (SONET) Physical Media Dependent Specification: Multi-Mode Fiber

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600416.02-1999 (S2025], Network to Customer Installation Interfaces - Synchronous Optical NETwork (SONET) Physical Media Dependent Specification: Single-Mode Fiber

For inquiries please contact: Drew Greco <dgreco@atis.org>

American National Standards (ANS) Announcements

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600416.02a-2001 (S2025], Supplement to ATIS-0600416.02.1999(R2005) - Network to Customer Installation Interfaces - Synchronous Optical NETwork (SONET) Physical Media Dependent Specification: Single Mode Fiber

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600416.03-1999 (S2025], Network to Customer Installation Interfaces - Synchronous Optical NETwork (SONET) Physical Media Dependent Specification: Electrical

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600416.04-2005 (S2025], Network and Customer Installation Interfaces - SONET Physical Layer Interface and Mapping Specifications for ATM Applications

For inquiries please contact: Drew Greco <dgreco@atis.org>

American National Standards (ANS) Announcements

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600416-1999 (S2025], Network to Customer Installation Interfaces - Synchronous Optical NETwork (SONET) Physical Layer Specification: Common Criteria

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600417-2003 (S2025], Spectrum Management for Loop Transmission Systems

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600418-2002 (S2025], High bit rate Digital Subscriber Line - 2nd Generation (HDSL2/HDSL4) Issue 2

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600418.a-2004 (S2025], High bit rate Digital Subscriber Line - 2nd Generation (HDSL2/HDSL4), Issue 2

For inquiries please contact: Drew Greco <dgreco@atis.org>

American National Standards (ANS) Announcements

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600421-2001 (S2025], In-Line Filter for Use with Voiceband Terminal Equipment Operating on the Same Wire Pair with High Frequency (up to 12 MHz) Devices

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600422-2001 (S2025], Single-Pair High-Speed Digital Subscriber Line (SHDSL) Transceivers

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600423-2001 (S2025], Asymmetric Digital Subscriber Line (ADSL) Transceivers Based on ITU-T Recommendation G.992.1

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600424-2004 (S2025], Interface Between Networks and Customer Installation Very-high-bit-rate Digital Subscriber Lines (VDSL) Metallic Interface (DMT based)

For inquiries please contact: Drew Greco <dgreco@atis.org>

American National Standards (ANS) Announcements

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600426-2004 (S2025], Enhanced Single-Pair High-Speed Digital Subscriber Line (E-SHDSL) Transceivers

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600427.01-2004 (S2025], ATM - Based Multi-Pair Bonding

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600427.02-2005 (S2025], Ethernet-based Multi-Pair Bonding

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600427.03-2004 (S2025], Multi-Pair Bonding Using Time Division Inverse Multiplexing

For inquiries please contact: Drew Greco <dgreco@atis.org>

American National Standards (ANS) Announcements

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600601-1999 (S2025], Integrated Services Digital Network (ISDN) - Basic Access Interface for Use on Metallic Loops for Application on the Network Side of the NT (Layer 1 Specification)

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600605-1991 (S2025], Integrated Services Digital Network (ISDN) - Basic Access Interface for S and T Reference Points (Layer 1 Specification)

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600107-2002 (S2025], Digital Hierarchy - Formats Specifications

For inquiries please contact: Drew Greco <dgreco@atis.org>

Continued Stabilized Maintenance

Alliance for Telecommunications Industry Solutions

Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3 Stabilized maintenance of American National Standards of the ANSI Essential Requirements (www.ansi.org/essentialrequirements). It has been determined that this standard that was stabilized in 2015 , shall continue to be maintained under the stabilized maintenance option.

ANSI/ATIS 0600107.a-2005 (S2025], Digital Hierarchy - Formats Specification (Virtual Concatenation and LCAS) (Supplement to ATIS-0600107)

For inquiries please contact: Drew Greco <dgreco@atis.org>

American National Standards (ANS) Process

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

Where to find Procedures, Guidance, Interpretations and More…

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

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

www.ansi.org/essentialrequirements

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

www.ansi.org/standardsaction

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

www.ansi.org/sdoaccreditation

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

www.ansi.org/asd

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

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

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

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

Accreditation Announcements (Standards Developers)

Public Review of Revised ASD Operating Procedures

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

Comment Deadline: July 7, 2025

INCITS - InterNational Committee for Information Technology Standards has submitted revisions to its currently accredited operating procedures for documenting consensus on INCITS-sponsored American National Standards, under which it was last reaccredited in 2024. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Lynn Barra, VP, INCITS Standards Operations, InterNational Committee for Information Technology Standards (INCITS/Information Technology Industry Council) | 700 K Street NW, Suite 600, Washington, DC 20001 | (202) 737-8888, lbarra@itic.org

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

Please submit any public comments on the revised procedures to INCITS) by **July 7, 2025**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org)

Public Review of Revised ASD Operating Procedures

PMI (Organization) - Project Management Institute

Comment Deadline: July 7, 2025

PMI - The Project Management Institute has submitted revisions to its currently accredited operating procedures for documenting consensus on PMI-sponsored American National Standards, under which it was last reaccredited in 2024. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Lorna Scheel, Project Management Institute (PMI (Organization)) | 18 Campus Boulevard, Suite 150, Newtown Square, PA 19073 | (313) 404-3507, lorna.scheel@pmi.org

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

Please submit any public comments on the revised procedures to PMI (Organization) by **July 7, 2025**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.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)

PHTA (Pool and Hot Tub Alliance)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

AAFS
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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 the USNC/IEC team at ANSI's New York offices (usnc@ansi.org). The final date for offering comments is listed after each draft.

ORDERING INSTRUCTIONS

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

ISO Standards

Agricultural food products (TC 34)

ISO/DIS 5507, Oilseeds, vegetable oils and fats - Nomenclature - 8/15/2025, $71.00

ISO/DIS 21415-2, Wheat and wheat flour - Gluten content - Part 2: Determination of wet gluten and gluten index by mechanical means - 8/17/2025, $88.00

Chemistry (TC 47)

ISO/DIS 25095-1, Propylene oxide for industrial use - Part 1: Determination of purity and trace impurities - Gas chromatography - 8/16/2025, $62.00

ISO/DIS 25095-2, Propylene oxide for industrial use - Part 2: Determination of aldehydes - Liquid chromatography - 8/16/2025, $46.00

Cranes (TC 96)

ISO/DIS 7752-2.2, Cranes - Control layout and characteristics - Part 2: Basic arrangement and requirements for mobile cranes - 6/6/2025, $71.00

Earth-moving machinery (TC 127)

ISO/DIS 19014-2.2, Earth-moving machinery - Functional safety - Part 2: Design and evaluation of hardware and architecture requirements for safety-related parts of the control system - 7/21/2025, $119.00

ISO/DIS 19014-3.2, Earth-moving machinery - Functional safety - Part 3: Environmental performance and test requirements of electronic and electrical components used in safety-related parts of the control system - 7/21/2025, $58.00

ISO/DIS 19014-4.2, Earth-moving machinery - Functional safety - Part 4: Design and evaluation of software and data transmission for safety-related parts of the control system - 7/21/2025, $112.00

Fire safety (TC 92)

ISO/DIS 5660-5, Reaction-to-fire tests - Heat release, smoke production and mass loss rate - Part 5: Heat release rate (cone calorimeter method) and smoke production rate (dynamic measurement) under reduced oxygen atmospheres - 8/16/2025, $82.00

Fisheries and aquaculture (TC 234)

ISO/DIS 25247, Treatment of aquaculture effluent in closed and semi- closed aquaculture systems - principles and guidelines - 8/15/2025, $46.00

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

ISO/DIS 12490, Oil and gas industries including lower carbon energy - Mechanical integrity and sizing of actuators and mounting kits for pipeline valves - 8/21/2025, $29.00

Natural gas (TC 193)

ISO/DIS 23335, Natural gas - upstream area - Determination of hydrate equilibrium temperature - 8/16/2025, $71.00

Rubber and rubber products (TC 45)

ISO/DIS 1817, Rubber, vulcanized or thermoplastic - Determination of the effect of liquids - 8/16/2025, $98.00

Textiles (TC 38)

ISO/DIS 11092, Textiles - Physiological effects - Measurement of thermal and water-vapour resistance under steady-state conditions (sweating guarded-hotplate test) - 8/15/2025, $67.00

Tobacco and tobacco products (TC 126)

ISO/DIS 5622, Tobacco heating system - Determination of carbon monoxide in the vapour phase of the aerosol (NDIR method) - Electrically heated tobacco products (eHTPs) - 8/16/2025, $46.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 6048-4, Information technology - JPEG AI learning-based image coding system - Part 4: Conformance - 8/15/2025, $58.00

ISO/IEC DIS 26300-2, Information technology - Open Document Format for Office Applications (OpenDocument) v1.3 - Part 2: Packages - 8/15/2025, $98.00

ISO/IEC DIS 26300-3, Information technology - Open Document Format for Office Applications (OpenDocument) v1.3 - Part 3: OpenDocument Schema - 8/15/2025, $301.00

ISO/IEC DIS 26300-4, Information technology - Open Document Format for Office Applications (OpenDocument) v1.3 - Part 4: Recalculated Formula (OpenFormula) Format - 8/15/2025, $194.00

IEC Standards

Automatic controls for household use (TC 72)

72/1485(F)/FDIS, IEC 60730-2-11 ED4: Automatic electrical controls - Part 2-11: Particular requirements for energy regulators, 06/20/2025

Electrical accessories (TC 23)

23B/1572/CDV, IEC 63418 ED1: Fixed accessories intended for household and similar purposes that supply power through an interface, 08/22/2025

23K/123(F)/FDIS, IEC 63445 ED1: System referencing conductor switching device, 06/13/2025

Electrical apparatus for explosive atmospheres (TC 31)

31/1873/CD, IEC 60079-26 ED5: Explosive atmospheres - Part 26: Equipment with Separation Elements or combined Levels of Protection, 09/19/2025

Electrical Energy Storage (EES) Systems (TC 120)

120/419(F)/FDIS, IEC 62933-4-3 ED1: Electrical energy storage (EES) systems - Part 4-3: The protection requirements of BESS according to the environmental conditions, 06/13/2025

Fibre optics (TC 86)

86A/2587(F)/FDIS, IEC 60794-1-218 ED1: Optical fibre cables - Part 1-218: Generic specification - Basic optical cable test procedures - Environmental test methods - Mid-span temperature cycling test for exposed optical units, Method F18, 06/27/2025

86C/1973/CDV, IEC 61290-1-2 ED3: Optical amplifiers - Test methods - Part 1-2: Power and gain parameters - Electrical spectrum analyzer method, 08/22/2025

86C/1972/CDV, IEC 61757-1-4 ED1: Fibre optic sensors - Part 1 -4: Strain measurement - Distributed sensing based on Rayleigh scattering, 08/22/2025

86C/1980/CD, IEC 62149-10 ED2: Fibre optic active components and devices - Performance standards - Part 10: Radio-over-fibre (RoF) transceivers for mobile communication applications, 07/25/2025

86A/2588/DTR, IEC TR 63442 ED1: Guidelines for the assessment of rodent resistance for optical fibre cables, 07/25/2025

Magnetic components and ferrite materials (TC 51)

51/1559/FDIS, IEC 63093-15 ED1: Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 15: U-cores, 07/11/2025

Quantities and units, and their letter symbols (TC 25)

25/831/FDIS, ISO 80000-7/AMD1 ED2: Amendment 1 - Quantities and units - Part 7: Light and radiation, 07/11/2025

25/832/FDIS, ISO 80000-8/AMD1 ED2: Amendment 1 - Quantities and units - Part 8: Acoustics, 07/11/2025

25/833/FDIS, ISO 80000-9/AMD1 ED2: Amendment 1 - Quantities and units - Part 9: Physical chemistry and molecular physics, 07/11/2025

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

116/897/CDV, IEC 62841-2-16/AMD1 ED1: Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-16: Particular requirements for hand-held fastener driving tools, 08/22/2025

Safety of machinery - Electrotechnical aspects (TC 44)

44/1061(F)/FDIS, IEC 61496-3 ED4: Safety of machinery - Electro-sensitive protective equipment - Part 3: Particular requirements for active opto-electronic protective devices responsive to diffuse reflection (AOPDDR), 06/27/2025

Semiconductor devices (TC 47)

47/2917/CDV, IEC 63287-4 ED1: Semiconductor devices - Guidelines for reliability qualification plans - Part 4: Early failure assessment, 08/22/2025

47A/1191/DTR, IEC TR 62433-4-1 ED1: EMC IC modelling - Part 4-1: Use of ICIM-CI model to predict the IC conducted immunity in a PCB, 07/25/2025

Solar photovoltaic energy systems (TC 82)

82/2402/CDV, IEC 62920 ED2: Photovoltaic power generating systems - EMC requirements and test methods for power conversion equipment, 08/22/2025

82/2435/CD, IEC 63409-1 ED1: Photovoltaic power generating systems connection with the grid - Testing of power conversion equipment- Part 1: General requirements, 07/25/2025

82/2434/CD, IEC 63409-5 ED1: Photovoltaic power generating systems connection with the grid - Testing for power conversion equipment - Part 5: Electromagnetic compatibility for low frequency conducted disturbances, 07/25/2025

Ultrasonics (TC 87)

87/897/CDV, IEC 62127-3/AMD1 ED2: Amendment 1 - Ultrasonics - Hydrophones - Part 3: Properties of hydrophones for ultrasonic fields, 08/22/2025

Wearable electronic devices and technologies (TC 124)

124/321A/CDV, IEC 63203-201-4/AMD1 ED1: Amendment 1 - Wearable electronic devices and technologies - Part 201-4: Electronic textile - Test method for determining sheet resistance of conductive fabrics after abrasion, 08/08/2025

Newly Published ISO & IEC Standards

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

ISO Standards

Additive manufacturing (TC 261)

ISO/ASTM 52938-1:2025, Additive manufacturing of metals - Environment, health and safety - Part 1: Safety requirements for PBF-LB machines, $201.00

Energy management and energy savings (TC 301)

ISO 50002-1:2025, Energy audits - Part 1: General requirements with guidance for use, $230.00

ISO 50002-2:2025, Energy audits - Part 2: Guidance for conducting an energy audit using ISO 50002-1 in buildings, $172.00

ISO 50002-3:2025, Energy audits - Part 3: Guidance for conducting an energy audit using ISO 50002-1 in processes, $172.00

Fire safety (TC 92)

ISO 834-1:2025, Fire-resistance tests - Elements of building construction - Part 1: General requirements, $230.00

ISO 3008-1:2025, Fire resistance tests - Door and shutter assemblies - Part 1: General requirements, $259.00

Fluid power systems (TC 131)

ISO 10767-3:2025, Hydraulic fluid power - Determination of pressure ripple levels generated in systems and components - Part 3: Method for motors, $230.00

Geographic information/Geomatics (TC 211)

ISO 19152-2:2025, Geographic information - Land Administration Domain Model (LADM) - Part 2: Land registration, $287.00

Governance of organizations (TC 309)

ISO 37003:2025, Fraud control management systems - Guidance for organizations managing the risk of fraud, $230.00

Health Informatics (TC 215)

ISO 21564:2025, Health informatics - Terminology resource map quality measures and requirements (MapQual), $172.00

Information and documentation (TC 46)

ISO 9706:2025, Information and documentation - Paper for documents - Requirements for permanence, $84.00

ISO 11108:2025, Information and documentation - Archival paper - Requirements for permanence and durability, $84.00

Mechanical vibration and shock (TC 108)

ISO 16063-1:1998/Amd 2:2025, - Amendment 2: Methods for the calibration of vibration and shock transducers - Part 1: Basic concepts - Amendment 2, $23.00

ISO 20816-21:2025, Mechanical vibration - Measurement and evaluation of machine vibration - Part 21: Horizontal axis wind turbines, $201.00

Optics and optical instruments (TC 172)

ISO 10110-6:2025, Optics and photonics - Preparation of drawings for optical elements and systems - Part 6: Centring and tilt tolerances, $201.00

Plastics (TC 61)

ISO 19252:2025, Plastics - Determination of scratch properties, $127.00

ISO 7765-2:2025, Plastics film and sheeting - Determination of impact resistance by the free-falling dart method - Part 2: Instrumented puncture test, $127.00

ISO 11357-3:2025, Plastics - Differential scanning calorimetry (DSC) - Part 3: Determination of temperature and enthalpy of melting and crystallization, $56.00

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

ISO 4070:2025, Polyvinylidene fluoride (PVDF) - Effect of time and temperature on expected strength, $84.00

ISO 4075:2025, Polysulfone (PSU) - Effect of time and temperature on expected strength, $84.00

ISO 16486-4:2025, Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 4: Valves, $172.00

Road vehicles (TC 22)

ISO 17987-7:2025, Road vehicles - Local Interconnect Network (LIN) - Part 7: Electrical physical layer (EPL) conformance test specification, $287.00

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

ISO 24521:2025, Drinking water, wastewater and stormwater systems and services - Management of on-site domestic wastewater services, $230.00

Solid mineral fuels (TC 27)

ISO 1017:2025, Brown coals and lignites - Determination of acetone-soluble material (resinous substance) in the benzene-soluble extract, $56.00

Surface chemical analysis (TC 201)

ISO 20289:2025, Surface chemical analysis - Total reflection X-ray fluorescence analysis of water, $172.00

Transport information and control systems (TC 204)

ISO 17419:2025, Intelligent transport systems - Globally unique identification, $230.00

ISO Technical Reports

Fire safety (TC 92)

ISO/TR 22099:2025, Application examples for using reaction-to-fire test data for fire safety engineering, $230.00

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

ISO/TR 24589-2:2025, Examples of good practice for the management of assets of water supply and wastewater systems - Part 2: Wastewater systems, $201.00

ISO Technical Specifications

Environmental management (TC 207)

ISO/TS 14076:2025, Environmental management - Environmental techno-economic assessment - Principles, requirements and guidance, $201.00

Implants for surgery (TC 150)

ISO/TS 20721:2025, Implants for surgery - Absorbable implants - General guidelines and requirements for assessment of absorbable metallic implants, $127.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 10646:2020/Amd 2:2025, - Amendment 2: Information technology - Universal coded character set (UCS) - Amendment 2: Todhri, Garay, Tulu-Tigalari, Sunuwar, Gurung Khema, Kirat Rai, and other characters, FREE

ISO/IEC 42005:2025, Information technology - Artificial intelligence (AI) - AI system impact assessment, $230.00

ISO/IEC 18584-1:2025, Information technology - Test methods for on-card biometric comparison applications - Part 1: General principles and specifications, $172.00

ISO/IEC 18584-2:2025, Information technology - Test methods for on-card biometric comparison applications - Part 2: Work-sharing mechanism, $56.00

ISO/IEC 23008-1:2023/Amd 1:2025, - Amendment 1: Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 1: MPEG media transport (MMT) - Amendment 1: Signalling of adaptive FEC scheme, $23.00

ISO/IEC 23090-26:2025, Information technology - Coded representation of immersive media - Part 26: Conformance and reference software for carriage of geometry-based point cloud compression data, $84.00

ISO/IEC TS 20540:2025, Information security, cybersecurity and privacy protection - Testing cryptographic modules in their field, $230.00

ISO/IEC TS 18013-7:2025, Personal identification - ISO-compliant driving licence - Part 7: Mobile driving licence (mDL) add-on functions, $230.00

IEC Standards

Insulating materials (TC 15)

IEC 60684-3-281 Ed. 2.0 b:2025, Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 281: Heat-shrinkable, polyolefin sleeving, semiconductive, $103.00

S+ IEC 60684-3-281 Ed. 2.0 en:2025 (Redline version), Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 281: Heat-shrinkable, polyolefin sleeving, semiconductive, $175.00

Safety of Electronic Equipment within the Field of Audio/Video, Information Technology and Communication Technology (TC 108)

IEC 62911 Ed. 2.0 b:2025, Audio, video and information technology equipment - Routine electrical safety testing in production, $52.00

S+ IEC 62911 Ed. 2.0 en:2025 (Redline version), Audio, video and information technology equipment - Routine electrical safety testing in production, $88.00

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.

ABYC P-1

INSTALLATION OF EXHAUST SYSTEMS FOR PROPULSION AND AUXILIARY ENGINES

ABYC P-1
5/2025
*** * * RESTRICTED USE * * ***

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5

This excerpt from the P-1 draft includes substantive changes made by the Engine and Powertrain PTC after the standard passed its first consensus ballot. These changes are now subject to review during the second consensus ballot and public review.

~~1.7.5 ***Wet Exhaust Component Marking***~~

~~1.7.5.1 A wet exhaust component shall be clearly marked with the following:~~

~~1.7.5.1.1 manufacturer's or private labeler's name,~~

~~1.7.5.1.2 model number~~

~~1.7.5.1.3 class of service (ege.g.: gasoline [petrol], diesel, or both)~~

~~1.7.5.1.4 direction of water flow, if applicable~~

~~1.7.5.1.5 date of manufacture~~

~~1.7.5.2 If a manufacturer produces marine engine wet exhaust components at more than one factory, each component shall have a distinctive marking to identify it as the product of a particular factory.~~

BSR/ASHRAE Addendum j
to ANSI/ASHRAE Standard 15-2024

Second Public Review Draft

Proposed Addendum j to Standard 15-2024, Safety Standard for Refrigeration Systems

Second Public Review (June 2025)
(Draft shows Proposed Independent Substantive Changes to Previous Public Review Draft)

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

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

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

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

FOREWORD

This proposed addendum removes the exception of Section 7.5.3 which allowed the use of an A3 or B3 refrigerant outdoors with no restriction other than the total charge limitation of Section 7.5.1.1. The proposal also removes the exception of Section 7.8 which allowed without restriction the outdoor use of an A2 refrigerant in high-probability commercial refrigeration systems. These exceptions were added under Addendum l for the 2019 edition of ASHRAE 15 and created an unintended loophole that permitted charge limits of up to 1100 lb (500 kg) if the refrigerating system is installed outdoors. Removal of the exception to Section 7.5.3 does not prohibit the installation of equipment outdoors using A3 or B3 refrigerants. Group A3 and B3 refrigerants may still be used outdoors if they are listed or not listed but approved by the AHJ. At this time, ASHRAE 15 does not address how all equipment must be installed outdoors when utilizing an A2, A3 or B3 refrigerant and there are safety concerns about how refrigerant may leak into spaces surrounding the refrigeration system.

This is the second public review for this addendum which addresses two comments which were received during the first public review. A grammatical change was made to item c. of 7.5.3 and approval by the AHJ was removed from item f. of 7.5.3.

Note: This public review draft of addendum j makes proposed independent substantiative changes to the previous public review draft. These substantive changes to the previous public review draft are indicated by blue-colored text with double-underlining (for additions) and red-colored text with ~~strikethrough~~ (for deletions), except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard shown in blue or red text 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 15-2024

Modify Section 7 as follows. The remainder of Section 7 remains unchanged.

7. RESTRICTIONS ON REFRIGERANT USE

[…]

7.5.3

[...]

~~3. This restriction does not apply to *listed self-contained systems* containing~~ c. The *refrigeration system* is a *listed self-contained system*~~, is within *listed* equipment, contains~~ containing no more than 0.331 lb (150 g) of Group A3 *refrigerant*, provided that ~~and~~ the equipment is installed in accordance with the listing and the *manufacturer*'s installation instructions.

[...]

~~6. This restriction does not apply to refrigeration systems located in *machinery rooms* or outdoors.~~ f. The *refrigeration system* installation is ~~*approved* by the AHJ and~~ located in a *machinery room* in accordance with Sections 8.9 and 8.10.

[…]

Note to Reviewer: The following content shows a clean copy of how modified sections of this standard would appear after incorporating updates from the 2022 to 2024 edition, and the net effect of accepted changes from PPR1 and the associated approved comment responses. This includes items that are not independent substantive changes, and that are not open for review.

7. RESTRICTIONS ON REFRIGERANT USE

[…]

7.5 Additional Restrictions

[…]

7.5.3 Class 3 Refrigerants for refrigeration systems. *Refrigeration systems* containing Group A3 and B3 *refrigerants shall* only be used where at least one of the following is met:

a. The *refrigeration system* is installed in a laboratory with more than 100 ft² (9.3 m²) of space per person.

b. The *refrigeration system* is installed in an *industrial occupancy*.

c. The *refrigeration system* is a *listed self-contained system* containing no more than 0.331 lb (150 g) of Group A3 *refrigerant*, provided that the equipment is installed in accordance with the listing and the *manufacturer*'s installation instructions.

d. The *refrigeration system* is within equipment *listed* to UL 60335-2-89 [7]/CSA C22.2 No. 60335-2-89 [8] and all of the following provisions are met:

1. The *refrigeration system* contains no more than 0.459 × *LFL* (lb), where *LFL* is in lb/1000 ft³ (13 × *LFL* [kg], where *LFL* is in kg/m³) of Group A3 refrigerant.

2. A *refrigeration system* containing more than 0.141 × *LFL* (lb) (4 × *LFL* [kg]) in any *independent circuit* is installed not less than 20 ft (6 m) from an open flame.

3. The equipment is installed in accordance with the listing and the *manufacturer*'s installation instructions.

e. The *refrigeration system* is within equipment *listed* to UL 60335-2-40 [5]/CSA C22.2 No. 60335-2-40 [6] and contains no more than 0.106 × *LFL* (lb) (3 × *LFL* [kg]) of Group A3 *refrigerant*, and the equipment is installed in accordance with the listing and the *manufacturer*'s installation instructions.

f. The *refrigeration system* installation is located in a *machinery room* in accordance with Sections 8.9 and 8.10.

[…]

7.8* High-Probability Commercial Refrigeration Systems using Group A2 Refrigerants. *High-probability systems* using Group A2 *refrigerants* for commercial refrigeration applications within the scope of UL 60335-2-89 [7]/CSA C22.2 No. 60335-2-89 [8] *shall* comply with this section. *Refrigeration systems* using Group A2 *refrigerants shall* be limited to *listed self-contained systems* containing no more than 0.459 × *LFL* (lb), where *LFL* is in lb/1000 ft³ (13 × *LFL* [kg], where *LFL* is in kg/m³), provided that the *refrigeration system* is installed in accordance with the listing and the *manufacturer*'s installation instructions. *Refrigeration systems* containing more than 0.141 × *LFL* (lb), (4 × *LFL* [kg]) in an *independent circuit shall not* be installed within 20 ft (6 m) of an open flame.

Exceptions to 7.8:

1. This restriction does not apply to laboratories with more than 100 ft² (9.3 m²) of space per person.

2. This restriction does not apply *industrial occupancies*.

3. This restriction does not apply to *refrigeration systems* located in *machinery rooms*.

[…]

BSR/UL 60335-1, Standard for Safety for Household and Similar Electric Appliances, Part 1: General Requirements

1. Proposed 7th Edition of UL 60335-1

PROPOSAL

7 Marking and instructions

7.1 Appliances shall be marked with the:

– **RATED VOLTAGE** or **rated VOLTAGE RANGE** in volts;
– symbol for nature of supply, unless the **RATED FREQUENCY** is marked;
– **RATED POWER INPUT** in watts or **RATED CURRENT** in amperes;
– name, trade mark or identification mark of the manufacturer or responsible vendor;
– model or type reference;
– symbol IEC 60417-5172 (2003-02) for **CLASS II APPLIANCES** only;
– IP number according to degree of protection against ingress of water, other than IPX0;
– symbol IEC 60417-5180 (2003-02), for **CLASS III APPLIANCES**. This marking is not necessary for appliances operated only by **batteries** (primary **BATTERIES** or secondary **BATTERIES** recharged outside of the appliance) or appliances powered by **RECHARGEABLE BATTERIES** recharged in the appliance.

NOTE If the appliance is marked with rated pressure, the units used can be bars but only together with pascals and placed in brackets.

Appliance outlets accessible to the user and socket-outlets accessible to the user:

– that are incorporated in appliances connected to the supply mains; and
– that operate at **RATED VOLTAGE**

shall be marked with their **OUTLET LOAD** in watts or amperes.

Appliances intended to be supplied from a **DETACHABLE POWER SUPPLY PART** for the purposes of recharging the **BATTERY** shall be marked with symbol ISO 7000-0790 (2004-01). They shall also be marked with symbol IEC 60417-6181 (2016-01) and the model or type reference of the **DETACHABLE POWER SUPPLY PART** or with the substance of the following:

Use only with <model or type reference> supply unit

CLASS II APPLIANCES and **CLASS III APPLIANCES** incorporating a functional earth shall be marked with the symbol IEC 60417-5018 (2011-07).

The enclosure of electrically-operated water valves incorporated in external hose-sets for connection of an appliance to the water mains shall be marked with symbol IEC 60417-5036 (2002-10) if their **WORKING VOLTAGE** exceeds **EXTRA-LOW VOLTAGE**.

Compliance is checked by inspection.

7.1DV.1 D2 ***Modification of Clause 7.1 to add the following:***

Enclosure type ratings, ~~in addition to the IP ratings are acceptable. I~~if marked, ~~the appliance~~ shall comply with Clauses 15.1DV and 22.1DV.

15 Moisture resistance

15.1.1 *Appliances other than those classified IPX0 are subjected to the tests of IEC 60529:1989 including IEC 60529:1989/AMD1:1999 and IEC 60529:1989/AMD2:2013.*

IPX3 appliances are tested as described in Subclause 14.2.3a). The test as described in subclause 14.2.3b) may be used for testing appliances that cannot be placed under the oscillating tube.

IPX4 appliances are tested as described in Subclause 14.2.4a). The test as described in subclause 14.2.4b) may be used for testing appliances that cannot be placed under the oscillating tube;

IPX7 appliances are tested as described in Subclause 14.2.7. For this test, the appliance is immersed in water containing approximately 1 % NaCl.

*Water valves containing **LIVE PARTS** and that are incorporated in external hoses for connection of an appliance to the water mains are subjected to the test specified for IPX7 appliances.*

15.1.2 ***HAND-HELD APPLIANCES** are turned continuously through the most unfavourable positions during the test.*

*Appliances with an automatic cord reel are tested to 15.1.1 with the **SUPPLY CORD** unreeled and coiled in close proximity to the appliance under test so that the minimum diameter of the coil is 30 cm. The coil is concentric and in a single layer positioned in such a way that the appliance and the **SUPPLY CORD** are subjected to water spray. After the test of 15.1.1 is completed, the **SUPPLY CORD** shall be reeled into the appliance at free speed. The **SUPPLY CORD** shall not be dried before reeling.*

*If the appliance is a **FIXED APPLIANCE** mounted on the wall or ceiling, the cord will be allowed to drop to the floor from a height equal to the minimum height specified in the instructions before being coiled.*

***BUILT-IN APPLIANCES** are installed in accordance with the instructions.*

Appliances normally used on the floor or table are placed on a horizontal unperforated support having a diameter of twice the oscillating tube radius minus 15 cm.

Appliances normally fixed to a wall are mounted as in normal use in the centre of a wooden board having dimensions which are 15 cm $\pm$ 5 cm in excess of those of the orthogonal projection of the appliance on the board. The wooden board is placed at the centre of the oscillating tube.

Appliances and parts of appliances with integral pins for insertion into socket-outlets are held by the pins in the most unfavourable position during the test. They are not mounted in a socket-outlet for the tests. They may be held by the pins using a laboratory clamp or similar device.

For IPX3 appliances, the base of wall-mounted appliances is placed at the same level as the pivot axis of the oscillating tube.

For IPX4 appliances, the horizontal centre line of the appliance is aligned with the pivot axis of the oscillating tube. However, for appliances normally used on the floor or table, the movement is limited to two times 90° from the vertical for a period of 5 min, the support being placed at the level of the pivot axis of the oscillating tube.

If the instructions for wall-mounted appliances state that the appliance is to be placed close to the floor level and specifies a distance, a board is placed under the appliance at that distance. The dimensions of the board are 15 cm more than the horizontal projection of the appliance.

Appliances normally fixed to a ceiling are mounted underneath a horizontal unperforated support that is constructed to prevent water spraying onto its top surface. The pivot axis of the oscillating tube is located at the same level as the underside of the support and aligned centrally with the appliance. The spray is directed upwards. For IPX4 appliances, the movement of the tube is limited to two times 90° from the vertical for a period of 5 min.

*Appliances with **TYPE X ATTACHMENT**, except those having a specially prepared cord, are fitted with the lightest permissible type of flexible cord of the smallest cross-sectional area specified in Table 13.*

***DETACHABLE PARTS** are removed and subjected, if necessary, to the relevant treatment with the main part. However, if the instructions state that a part has to be removed for **USER MAINTENANCE** and a **TOOL** is needed, this part is not removed.*

15.1.2DV D2 *Modify Clause 15.1.2 by adding the following after the last paragraph*:

Moveable covers that protect the battery shall be placed in the most unfavourable position unless they are self-restoring.

29 Clearances, creepage distances and solid insulation

Appliances shall be constructed so that the **CLEARANCES**, **CREEPAGE DISTANCES** and solid insulation are adequate to withstand the electrical stresses to which the appliance is liable to be subjected.

Compliance is checked by the requirements and tests of 29.1 to 29.3 that are carried out separately.

*If coatings are used on printed circuit boards to protect the microenvironment (type 1 protection) or to provide **BASIC INSULATION** (type 2 protection), normative Annex J applies. The microenvironment is pollution degree 1 under type 1 protection. For type 2 protection, the spacing between the conductors before the protection is applied shall not be less than the values as specified in Table 1 of IEC 60664-3:2016. These values apply to **FUNCTIONAL INSULATION**, **BASIC INSULATION**, **SUPPLEMENTARY INSULATION** as well as **REINFORCED INSULATION**.*

NOTE The requirements and tests are based on IEC 60664-1:2007 from which further information can be obtained.

29DV.1 DC *Modification of Clause 29 to replace the third paragraph with the following:*

Coatings used on printed circuit boards to protect the microenvironment (type 1 protection) or to provide BASIC INSULATION (type 2 protection) shall comply with IEC 60664-3, the alternative standards specified in Table DVB.2 or Annex J.

If applying the alternative standards in Table DVB.2, the microenvironment is considered pollution degree 1 under the conformal coating, or potting material. In this case, potting material shall have a minimum thickness of 0,5 mm.

If applying Annex J, the microenvironment is pollution degree 1 under type 1 protection. For type 2 protection, the spacing between the conductors before the protection is applied shall not be less than the values as specified in Table 1 of IEC 60664-3. These values apply to FUNCTIONAL INSULATION, BASIC INSULATION, SUPPLEMENTARY INSULATION as well as REINFORCED INSULATION.

Table DVB.2
Alternative North American Material Test Standards

ASTM Comparative Tracking Index (CTI)	29.2, Annex N	IEC 60112	CSA C22.2 No. 0.17 (ASTM D3638)	UL 746A (ASTM D3638)
Conformal Coatings	29, Annex J	IEC 60664-3	CSA C22.2 No. 0.2	UL 746E, UL 840
Potting Material	29, Annex J	IEC 60664-3	CSA C22.2 No. 0.17	UL 746C

BSR/UL 50E, Standard for Enclosures for Electrical Equipment, Environmental Considerations

4. Request to change Clause 7.2.3.1

PROPOSAL

7.2.3.1 Type 3, 3X, 3R, 3RX, 3S, 3SX, 4, 4X, 6, and 6P ferrous enclosures, and external ferrous parts attached to these enclosures shall be protected against corrosion by one of the coatings in Clause 7.2.3.1 (a) – (d) ~~or shall comply with the test requirements of Clause 8.8~~ or methods providing corrosion protection other than listed shall comply with Clause 8.8:

BSR/UL 83B, Standard for Safety for Switchboard and Switchgear Wires and Cables

1. Terminology

PROPOSAL

5.14 Durability of ink printing

5.14.1 The printing on the finished wire shall remain legible after being subjected to the test, Durability of ink printing, in UL 2556.
5.14.2 One of two specimens shall be conditioned in a forced air-circulating oven at 90°C for 24 h; the other shall be left at room temperature for 24 h.

2. Printing under nylon

5.14 Durability of ink printing

5.14.1 The printing on the finished wire shall remain legible after being subjected to the test, Durability of ink printing, in UL 2556.
5.14.2 One of two specimens shall be conditioned in a forced air oven at 90°C for 24 h; the other shall be left at room temperature for 24 h. Printing located under the nylon shall be legible before and after aging and need not be subjected to rubbing with the felt-covered block.

3. Aging time for color coating test

PROPOSAL

5.15 Color coating

5.15.1 Surface (ink or paint) coated thermoplastic-insulated wire shall comply with the requirements in Clauses 5.15.2 – 5.15.4, when tested in accordance with the test, Color coating, in UL 2556.
5.15.2 The surface-coated thermoplastic-insulated conductor shall comply with the tensile strength and ultimate elongation requirements before and after the air-oven aging applicable to the insulation.
5.15.3 The coating shall not flake off of the surface of the insulation when samples of the wire are flexed at room temperature in the manner described in the test, Color coating, in UL 2556 both before and after the air-oven aging applicable to the insulation as indicated in Table 11.
5.15.4 The surface coating shall not migrate when tested in accordance with the test, Color coating, in UL 2556 after conditioning for 7 hours at 70 ± 1C.

4. Updates to Align with UL Style Manual

PROPOSAL

1) Update to organizational structure of the standard

CONTENTS

2) Update to Language in the standard per ULSE Style Manual

4.2.5.2 Test requirement
Compliance with ~~Clause~~ 4.2.5.1 shall be determined in accordance with the test, Physical properties (ultimate elongation and tensile strength), in UL 2556.

6.1.9 Gasoline and oil resistance (optional)
6.1.9.1 Wires or cables marked "GR I" shall meet the requirements of ~~Clauses~~ 5.9.1 and 5.10.1.

3) Update to the format of a table

Tables

Table 20
Maximum direct-current resistance at 20°C of Class M stranded conductors

Size of conductor		Bare copper		Coated copper (each strand coated with tin or a tin alloy)	
mm2	AWG or kcmil	Ohms per km	Ohms per 1000 ft	Ohms per km	Ohms per 1000 ft
2.08	14 AWG	8.61	2.62	9.25	2.82
3.31	12	5.53	1.68	5.94	1.81
5.26	10	3.48	1.06	3.73	1.14
8.37	8	2.18	0.666	2.35	0.715
13.3	6	1.39	0.423	1.49	0.455
21.2	4	0.873	0.266	0.937	0.286
26.7	3	0.699	0.213	0.744	0.226
33.6	2	0.554	0.169	0.595	0.182
42.4	1	0.440	0.134	0.472	0.144
53.5	1/0	0.349	0.106	0.374	0.114
67.4	2/0	0.276	0.0851	0.300	0.0913
85.0	3/0	0.221	0.0874	0.238	0.0724
107	4/0	0.175	0.0534	0.189	0.0574
Note – Nominal strand configuration and number of wires are found in ASTM.					

BSR/UL 142, Standard for Safety for Steel Aboveground Tanks for Flammable and Combustible Liquids

1. Addition of Compartment Tank Construction Requirements for Tank Types Other than Horizontal Cylindrical

PROPOSAL

8.11 Venting requirements for the primary containments of compartment tanks per Sections 15.4, 17.5, and 19.3 shall be determined on a compartment-by-compartment basis.

15.4.6 The design of a multicompartment tank not consistent with Figure 15.1 shall be allowed for consideration. The suitability of the design shall be determined by one of the following methods:

a) The tank shall be evaluated per the requirements of Section 43, Hydrostatic Strength Test, except the test pressure shall be two times the calculated tank bottom pressure based on the maximum anticipated specific gravity when the tank is filled to the maximum capacity; or

b) Tank construction shall be evaluated using calculations or analytical tools for approval using the alternate multi compartment design. The calculations or analysis shall be based on two times the weight of a full tank containing the maximum specific gravity liquid.

17.5 Compartment tank construction

17.5.1 A bulkhead of a compartment tank shall be constructed so that leakage through any bulkhead joints will not be directed from one compartment to another. Bulkheads are not allowed in tanks over 144 inches in diameter.

17.5.2 A bulkhead shall be subject to the requirements of Section 13.

17.5.3 The bottom compartment shall additionally be considered a skirt support and be subject to the requirements of Part IV, Tank Supports.

19.3 Compartment tank construction

19.3.1 A bulkhead of a compartment tank shall be constructed so that leakage through any bulkhead joints will not be directed from one compartment to another.

19.3.2 Bulkhead constructions shall be evaluated by conducting the Hydrostatic Strength Test, Section 43 on each compartment.

2. Defining the term "CALCULATIONS"

PROPOSAL

3.3A CALCULATIONS – A documented and recognized application of engineering methods and practices for analysis of structural integrity.

3. Tanks with operating pressure in excess of 1 psi and less than 15 psi

PROPOSAL

12A Tanks Storing Liquids at a Pressure Greater than 1 psi

12A.1 Tanks optionally covered for storage of liquids and that operate at a pressure over 1 psi shall meet the following construction and performance requirements based on the maximum operating pressure identified in the 52.1.1(h) marking.

12A.2 shall be limited to liquids with a maximum specific gravity of 1.0 and a maximum pressure of 6 psi.

12A.3 The steel thickness of tanks storing liquids at a pressure over 1 psi shall be determined by one of the following methods:

a) The tank shall be evaluated per the requirements of Section 43, Hydrostatic Strength Test, except the test pressure shall be three times the rated tank pressure based on the maximum anticipated operational pressure
b) Tank construction shall be evaluated by a Professional Engineer using calculations or by a tank builder using UL approved design tools or guides for approval. The tank design shall be based on using the maximum anticipated operating pressure. The calculations or analysis shall be based on two times the weight of a full tank containing a liquid with a specific gravity of 1.

12A.4 Horizontal tank heads shall be flanged flat or dished. Joint types shall be limited to full penetration and complete fusion welds (see Figure 6.2)

12A.5 Integral supports for all tanks shall be evaluated per Part IV Tank Supports, except the support load test or evaluations shall be based on two times the weight of a full tank containing the maximum specific gravity load

16A Vertical Cylindrical Tanks Storing Liquids at a Pressure Greater than 1 psi

16A.1 Tanks optionally covered for storage of liquids and that operate at a pressure over 1 psi shall meet the following construction and performance requirements based on the maximum operating pressure identified in the 52.1.1(i) marking.

16A.2 Tanks shall be limited to liquids with a maximum specific gravity of 1.0 and a maximum pressure of 2.5 psi.

16A.3 The steel thickness of tanks storing liquids at a pressure over 1 psi shall be determined by one of the following methods:

a) For vertical tanks with flat bottoms and without support: Calculate the equivalent height of the tank by adding an additional 2.5 feet of height for each psi of additional operational pressure. The resulting equivalent height shall be used in Table 17.1, footnotes a) and b), to determine the steel thickness. The same method shall be used for determining the secondary tank steel thickness for secondary containment tanks:

    1) The tank roof will be constructed in the same manner as the tank floor.

    2) The manway assembly will be rated for twice the maximum tank pressure by the manway assembly manufacturer; or

b) The tank shall be evaluated per the requirements of Section 43, Hydrostatic Strength Test, where the test pressure is three times the rated tank pressure based on the maximum anticipated operational pressure; or

c) Tank construction shall be evaluated by a Professional Engineer using calculations or design tools or guides for approval using the maximum anticipated operating pressure. The calculations or analysis shall be based on two times the weight of a full tank containing a liquid with a specific gravity of 1.

16A.4 Provisions will be provided on vertical tanks to prevent shell movement when the tank is under pressure. This could include anchoring the tank or by elevating the tank floor.

16A.5 Integral supports for all tanks shall be evaluated per Part IV, Tank Supports, where the support load test or evaluations are based on two times the weight of a full tank containing the maximum specific gravity load.

52.1.1 (h) Tanks complying with Section 12A shall be marked with the maximum pressure under which the tank can operate, “Maximum pressure is _____”.

52.1.1 (i) Tanks complying with Section 16A shall be marked with the maximum pressure under which the tank can operate, “Maximum pressure is _____”.

BSR/UL 498B, Standard for Safety for Receptacles with Integral Switching Means

1. Marking Requirements

PROPOSAL

44.6.4.1 If the installation instruction marking on the receptacle with integral switching means is different from the marking either appearing on the packaging, label or instruction, the marking appearing on the packaging, label or instruction shall be used to identify the type and size (AWG) of conductors suitable for use with the receptacle. If no instruction is available or provided with the receptacle, the markings appearing on the receptacle with integral switching means shall be used.

44.7 Marking and Instruction Location

44.7.1 Markings and instructions that are alternatively permitted on a stuffer sheet, information sheet etc. may be provided via a manufacturer's web site. The web address shall be marked on the device, 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 web address link shall take the user to an internet page containing the required information or a direct link to the required information. The file shall be a file format that is commonly used and may be downloadable. This does not apply to markings that are specified to be located on the device or the packaging/container only (not a stuffer sheet) but this information may be repeated on the web site.

BSR/UL 1685, Standard for Safety for Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables

1. Clarification of the Criteria for the FT4 Flame Test, Revised 12.1(a)

PROPOSAL

12.1 The FT4/IEEE 1202 type of flame exposure is a vertical-tray fire test for determining values of cable damage height and smoke release from electrical and optical-fiber cables when the cables are subjected to a flaming ignition source. For a cable to be acceptable under the FT4/IEEE 1202 type of test procedure, each of the following is to be exhibited (see 19.1):

a) The cable char height shall not exceed ~~is to be less than~~ 4 ft, 11 inches (1.5 m) when measured from the lower edge of the burner face in accordance with Section 13.

b) The total smoke released is to be 150 m^2 or less.

c) The peak smoke release rate is to be 0.40 m^2/s or less.

BSR/UL 4703, Standard for Safety for Photovoltaic Wire

1. **Marking for Other Than Class B, C or SIW, New 11.2 (l)**

PROPOSAL

11.2 The following information shall be printed on the outer surface of the wire at intervals not exceeding 40 inches (1 meter), except for conductor size, which shall be repeated at intervals not exceeding 24 inches (610 mm). Additional markings may be surface marked as long as they are not confusing or misleading.

a) Identification of the organization responsible for the product. When the organization responsible for the product operates more than one manufacturing location, a distinctive identification for each location shall be provided;

b) The size of conductors shall be marked on the product, expressed in one or more of the following forms:

1) AWG (mm^2)

2) mm^2 (AWG)

3) kcmil (mm^2)

4) mm^2 (kcmil)

5) AWG

6) kcmil

The use of either a comma or a period signifies a decimal. For printing on products, the use of "mm2" in place of "mm^2" shall be allowed;

c) The words "Photovoltaic Wire", or "PV Wire";

d) Dry and wet temperature ratings;

e) Voltage rating, using "V", "volts", or "VOLTS";

f) "Sunlight Resistant" or "Sun Res";

g) Optional "–40°C" or "–50°C" or "–60°C" for wire complying with 9.1(d) and 9.1(e) at the marked low temperature;

h) Optional "VW-1" for wire complying with 9.1(c);

i) Optional "Direct Burial" or "Dir Bur" or "for direct burial" for wire complying with 9.1(g);

j) Aluminum conductors shall be marked "AL". The additional marking "ACM" and/or "AA 8000" shall be optional;

k) The outer surface of the finished wire of each copper-clad aluminum conductor shall be durably and legibly ink printed, indent printed, or embossed at intervals no longer than 6 inches or 150 mm throughout the entire length of the wire with one of the designations "AL (CU-CLAD)", "ALUMINUM (COPPER-CLAD)", "CU-CLAD AL", or "COPPER-CLAD ALUMINIUM".

l) A wire employing other than ASTM Class B, C, or SIW stranding shall be marked with the conductor class or classes and the number of strands. Example: 2 AWG (259w Class H)

BSR/UL 5840, Standard for Safety for Electrical Systems of Battery Powered Aviation Ground Support Equipment

1. Addition of exception to batteries and battery management systems

PROPOSAL

4 Referenced Publications

UL 1973, Batteries for Use in Stationary and Motive Auxiliary Power Applications

13.2 The battery and its BMS shall comply with the requirements in UL/ULC 2580 or UL/ULC 2271.

Exception: A battery pack, consisting of a battery and integral battery management system not being used for traction power to the GSE shall alternatively comply with the requirements in UL 1973.