ANSI STANDARDS ACTION

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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 this Public Document Library link 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.

AAFS (American Academy of Forensic Sciences)

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

Revision

BSR/ASB BPR 068-202x, Best Practice Recommendation for the Safe Handling of Firearms and Ammunition (revision of ANSI/ASB BPR 068-2020)
Stakeholders: Forensic Firearm and Toolmark examiners

Project Need: This document is the revision of ANSI/ASB Best Practice Recommendation 068, Safe Handling of Firearms and Ammunition, First Edition, 2020. This document provides best practice guidelines for the safe handling of firearm and ammunition evidence by firearm and toolmark(s) examiners or technicians.

Interest Categories: Academics and Researchers, General Interest, Jurisprudence and Criminal Justice, Producer, User - Government, User - Non-Government

This document provides best practice recommendations for the safe handling of firearm and ammunition evidence during forensic analysis.

AAFS (American Academy of Forensic Sciences)

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

Revision

BSR/ASB BPR 126-202x, Best Practice Recommendation for Casting Footwear and Tire Impression Evidence at the Crime Scene (revision of ANSI/ASB BPR 126-2020)
Stakeholders: Forensic footwear and tire track examiners, forensic educators, crime scene investigators.

Project Need: This document is the revision of ANSI/ASB Best Practice Recommendation, Best Practice Recommendation for Casting Footwear and Tire Impression Evidence at the Crime Scene, First Edition, 2020. The document provides stakeholders an overview of best practices to be followed for the casting of footwear and tire impressions. The document can be a guide to forensic science trainees and their trainers and provides attorneys and the trier of fact a baseline on how to judge the methods of collection of footwear and tire evidence.

Interest Categories: Academics and Researchers, General Interest, Jurisprudence and Criminal Justice, Producer, User - Government, User - Non-Government

This document provides best practice recommendations for casting of footwear and tire impression evidence for the optimal recovery of impressions. The procedures included in this document may not cover all aspects of unusual or uncommon conditions.

AARST (American Association of Radon Scientists and Technologists)

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

New Standard

BSR/AARST VI-CSM-202x, Conceptual Site Model for Vapor Intrusion (new standard)
Stakeholders: Environmental Consulting Firms; Regulatory Agencies; Soil Remediation Companies; Health and Safety Organizations; Academic Institutions; Industry Associations

Project Need: With increasing awareness of vapor intrusion risks and the potential impact on indoor air quality, there is a critical need for a standardized approach to vapor intrusion assessment through measurement and sampling. The standard will establish consistent framework and methodologies to be used in risk assessments, regulatory compliance, and informed decision-making. It will enhance the ability of environmental professionals to assess and mitigate potential hazards associated with indoor air contaminants from vapor intrusion.

Interest Categories: Environmental Consulting Firms; Regulatory Agencies; Soil Remediation Companies; Health and Safety Organizations; Academic Institutions; Industry Associations

This standard aims to establish clarity for a conceptual site model that can be uniformly applied for guiding recommended and required actions associated with addressing health concerns from vapor intrusion.

AARST (American Association of Radon Scientists and Technologists)

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

New Standard

BSR/AARST VI-MA-202x, Vapor Intrusion Measurement and Sampling of Indoor Air and Sub-Slab Soil Gas (new standard)
Stakeholders: Environmental Consulting Firms; Regulatory Agencies; Soil Remediation Companies; Health and Safety Organizations; Academic Institutions; Industry Associations, Measurement Professionals, Measurement Laboratories and Equipment Manufacturers

Project Need: With increasing awareness of vapor intrusion risks and the potential impact on indoor air quality, there is a critical need for standardized practices when conducting measurement and sampling of soil gas contaminants. The standard will establish clarity on practices and options that are consistent with conceptual site model methodologies used in risk assessments, regulatory compliance, and informed decision-making.

Interest Categories: Environmental Consulting Firms; Regulatory Agencies; Soil Remediation Companies; Health and Safety Organizations; Academic Institutions; Industry Associations, Measurement Professionals, Measurement Laboratories and Equipment Manufacturers

This standard aims to establish minimum requirements and guidance for practices associated with measurement and sampling of indoor air and sub-slab soil gas, which may integrate with conceptual site model procedures, for assessment of potential risks to human health and the environment from vapor intrusion.

ANS (American Nuclear Society)

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

New Standard

BSR/ANS 6.4.3-202x, Gamma-Ray Attenuation Coefficients and Buildup Factors for Engineering Materials (new standard)
Stakeholders: Owners and operators of nuclear power plants and their suppliers and practitioners of shielding analysis and design.

Project Need: This standard is used in the nuclear industry for gamma-ray shielding applications, specifically, dose rate calculations. Having a current standard is essential to performing the most accurate analyses possible. Providing new buildup factor data allows for validation of published values and may increase the accuracy of the information that is available.

Interest Categories: Individual, National Laboratories/Government Facilities, University, Architect-Engineer-Constructor, Government Agency, Owner

This standard presents evaluated gamma-ray elemental attenuation coefficients and single-material buildup factors for selected engineering materials for use in shielding calculations of structures in power plants and other nuclear facilities. These data are intended to be standard reference data for use in radiation analyses employing point-kernel methods.

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

Rosa Smith <smithr@apcointl.org> | 351 N Williamson Blvd | Daytona Beach, FL 32114-1112 www.apcoIntl.org

Revision

BSR/APCO 1.118.2-202X, Key Performance Indicators for Emergency Communications Center Personnel (revision and redesignation of ANSI/APCO 1.118.1-2020)
Stakeholders: Users, Producers and those Generally Interested in Emergency Communications processes and equipment.

Project Need: This standard identifies specific areas of public safety communications personnel performance which may be measured in order to benchmark individual effectiveness.

Interest Categories: Users, Producers and those Generally Interested in Emergency Communications processes and equipment.

This standard provides Emergency Communications Center (ECC) management with Key Performance Indicators (KPIs) as they relate to personnel performance measurements, accuracy, and quality of information logged or provided by ECC personnel.

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

Rosa Smith <smithr@apcointl.org> | 351 N Williamson Blvd | Daytona Beach, FL 32114-1112 www.apcoIntl.org

Revision

BSR/APCO 1.119.2-202X, Public Safety Telecommunicator Critical Incident Stress Debriefing Program (revision and redesignation of ANSI/APCO 1.119.1-2021)
Stakeholders: Users, Producers and those Generally Interested in Emergency Communications processes and equipment.

Project Need: Public Safety Telecommunicators (PST) handle life and death emergencies through audio, video, photographs, and text. PSTs often experience a fight-or-flight response without proper release or relief. This stress response increases the potential for PTSD and/or other unhealthy coping strategies that impact the PSTs ability to perform their jobs. Agencies must update their Critical Incident Stress Debriefing programs to accommodate these challenges.

Interest Categories: Users, Producers and those Generally Interested in Emergency Communications processes and equipment.

The health and well-being of Public Safety Telecommunicators (PST) requires a program to identify key signs and symptoms of a PST in need of a Critical Incident Stress Debriefing (CISD). PSTs handle incidents by various multimedia sources, often without closure or understanding of the end result. To assist agencies, this standard will provide the requirements for a CISD program specifically geared towards identifying and assisting PSTs in distress.

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

Rosa Smith <smithr@apcointl.org> | 351 N Williamson Blvd | Daytona Beach, FL 32114-1112 www.apcoIntl.org

Revision

BSR/APCO 2.102.2-202X, APCO/NENA Advanced Automatic Crash Notification (AACN) Vehicle Emergency Data Set (VEDS) (revision and redesignation of ANSI/APCO/NENA 2.102.1-2022)
Stakeholders: Users, Producers and those Generally Interested in Emergency Communications processes and equipment.

Project Need: Telematics Service Providers lack a common dataset that can be used to deliver AACN data to PSAPs. AACN data elements will provide major benefits to the dispatch of first responders and to the patient-care chain of survival. Based on predictive algorithms, one such data element is an indicator of the likelihood of severe injury. A single dataset will support the TSPs and public safety during proof-of-concept pilots. At the conclusion of the pilots the dataset will be re-evaluated and amended as necessary prior to any introduction of it as a comprehensive dataset for use across all AACN applications.

Interest Categories: Users, Producers and those Generally Interested in Emergency Communications processes and equipment.

The AACN dataset determines useful and critical data elements and the schema needed to provide an efficient emergency response to vehicular emergency incidents. The dataset identifies crash and medical data elements. The AACN dataset will use the XML and NIEM open standards as a common data exchange format to allow multiple methods of data transfer and handling. The project will be widely publicized to Medical/EMS and public safety communities, and to the Telematics/vehicle industries. A common AACN data exchange format will be defined for use in multiple simulations and field tests.

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: February 8, 2026

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

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

Addenda

BSR/ASHRAE Addendum d to Standard 209-2024, Energy Simulation Aided Design for Buildings except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 209-2024)
This addendum proposes changes to Modeling Cycle #2 - Conceptual Design Modeling, which due to a formatting hiccup did not get fully published in the 2024 version. The changes here are what was not included and aim to clarify the language without changing the scope of each cycle.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 2572-202x, Standard for Mass Notification Systems (revision of ANSI/UL 2572-2018 (R2024))
Recirculation of the following topic(s): (1) Add Class N, C, D, E pathways, and requirements for multiple primary batteries.
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 CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: February 8, 2026

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 62841-2-21-202x, Electric-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-21: Particular requirements for hand-held drain cleaners (revision of ANSI/UL 62841-2-21-2018 (R2023))
Proposed adoption of Amendment 1 of the First Edition of IEC 62841-2-21:2017, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-21: Particular requirements for hand-held drain cleaners, as a revision of the First Edition of UL 62841-2-21.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: February 23, 2026

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201 | jyeh2@ahrinet.org, www.ahrinet.org

New Standard

BSR/AHRI Standard 1350-202x (SI/I-P), Mechanical Performance Rating of Central Station Air-handling Unit Casings (new standard)
This standard applies to the enclosure which houses the fans, coils, filters, and other components of the central station air-handling unit (CSAHU). This standard establishes the test requirements, rating requirements, and minimum data requirements for casing deflection rating class, casing air leakage class, thermal transmittance class with leakage, thermal transmittance class without leakage, thermal bridging class, and filter bypass leakage.
Single copy price: Free
Obtain an electronic copy from: https://connect.ahrinet.org/standards-public-review/stdsunderpublicreview
Send comments (copy psa@ansi.org) to: AHRI_Standards@ahrinet.org

ULSE (UL Standards and Engagement)

12 Laboratory Drive, Research Triangle Park, NC | akhira.watson@ul.org, https://ulse.org/

Revision

BSR/UL 943B-202x, Standard for Appliance Leakage-Current Interrupters (revision of ANSI/UL 943B-2017 (R2023))
A proposed New Edition of UL 943B (Fourth Edition), Standard for Appliance Leakage-Current Interrupters.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: 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

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.

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

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

ANSI/ASHRAE/ICC/IES/USGBC Addendum b 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: 12/31/2025 | *Addenda*

ANSI/ASHRAE/ICC/IES/USGBC Addendum t to 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: 12/31/2025 | *Addenda*

ANSI/ASHRAE/ICC/IES/USGBC Addendum v 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: 12/31/2025 | *Addenda*

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 PSD-1-2025, Plant Systems Design (new standard) Final Action Date: 1/5/2026 | *New Standard*

ESTA (Entertainment Services and Technology Association)

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

ANSI E1.54-2021 (R2025), ESTA Standard for Color Communication in Entertainment Lighting (reaffirmation of ANSI E1.54-2021) Final Action Date: 1/5/2026 | *Reaffirmation*

ANSI E1.59-2021 (R2025), Object Transform Protocol (reaffirmation of ANSI E1.59-2021) Final Action Date: 1/5/2026 | *Reaffirmation*

ANSI/E1.31-2025, Lightweight streaming protocol for transport of DMX512 using ACN (revision of ANSI E1.31-2018) Final Action Date: 1/5/2026 | *Revision*

TVC (ASC Z80) (The Vision Council)

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

ANSI Z80.9-2025, Devices for Low Vision (revision of ANSI Z80.9-2020) Final Action Date: 1/5/2026 | *Revision*

ULSE (UL Standards and Engagement)

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

ANSI/UL 1062-2025a, Standard for Safety for Unit Substations (new standard) Final Action Date: 12/18/2025 | *New Standard*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

Membership in the INCITS Executive Board is open to all directly and materially interested parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, contact Jennifer Garner at jgarner@itic.org or visit http://www.incits.org/participation/membership-info for more information.
Membership in all interest categories is always welcome; however, the INCITS Executive Board seeks to broaden its membership base in the following underrepresented categories:

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

ANSI Accredited Standards Developer

NCPDP - National Council for Prescription Drug Programs

National Council for Prescription Drug Programs (NCPDP)

Enrollment in the 2026 Consensus Group opens Monday, January 12, 2026 and closes at 8:00 p.m. EST on Friday, February 13, 2026. Information concerning the Consensus Group registration process is available by contacting:

Margaret Weiker
National Council for Prescription Drug Programs
9240 East Raintree Drive, Scottsdale, AZ 85260
Phone: (480) 477-1000
Email:mweiker@ncpdp.org

Click here to view list of standards

ANSI Accredited Standards Developer

PEARL- Standard for Certification of Electrical Equipment Reconditioning Technicians

Application Deadline: February 15, 2026

PEARL is seeking applicants to participate in the Consensus Body for the development of the Standard for Certification of Electrical Equipment Reconditioning Technicians (EERT). Interest categories include:

· **User:** Those who are predominantly involved with the specification, selection, maintenance and use of electrical apparatus. This category typically includes building owners and operators, utilities, contractors, maintenance and testing organizations, engineers, electricians, inspectors, etc.
· **Electronic Equipment Recycler:** Those who recover electrical equipment removed from service and prepare it for return to service.
· **Producer:** Those who are predominantly involved with the manufacture of electrical products.
· **Government:** This category typically includes government agencies that procure, use and/or inspect electrical products.
· **General Interest:** Those who are not associated with or mentioned in any previously described category.

For more information and to fill out an application go to https://pearl1.org/standards-development/.
Deadline to apply is February 15, 2026.

Any questions can be sent to Jenn Brake at pearl@pearl1.org.

AARST (American Association of Radon Scientists and Technologists)

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

BSR/AARST VI-MA-202x, Vapor Intrusion Measurement and Sampling of Indoor Air and Sub-Slab Soil Gas (new standard)

AARST (American Association of Radon Scientists and Technologists)

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

BSR/AARST VI-CSM-202x, Conceptual Site Model for Vapor Intrusion (new standard)

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201 | jyeh2@ahrinet.org, www.ahrinet.org

BSR/AHRI Standard 1350-202x (SI/I-P), Mechanical Performance Rating of Central Station Air-handling Unit Casings (new standard)

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

351 N Williamson Blvd, Daytona Beach, FL 32114-1112 | smithr@apcointl.org, www.apcoIntl.org

BSR/APCO 1.118.2-202X, Key Performance Indicators for Emergency Communications Center Personnel (revision and redesignation of ANSI/APCO 1.118.1-2020)

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

351 N Williamson Blvd, Daytona Beach, FL 32114-1112 | smithr@apcointl.org, www.apcoIntl.org

BSR/APCO 1.119.2-202X, Public Safety Telecommunicator Critical Incident Stress Debriefing Program (revision and redesignation of ANSI/APCO 1.119.1-2021)

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

351 N Williamson Blvd, Daytona Beach, FL 32114-1112 | smithr@apcointl.org, www.apcoIntl.org

BSR/APCO 2.102.2-202X, APCO/NENA Advanced Automatic Crash Notification (AACN) Vehicle Emergency Data Set (VEDS) (revision and redesignation of ANSI/APCO/NENA 2.102.1-2022)

ULSE (UL Standards and Engagement)

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

BSR/UL 2572-202x, Standard for Mass Notification Systems (revision of ANSI/UL 2572-2018 (R2024))

American National Standards (ANS) Announcements

Corrections

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

BSR INCITS 440-202x

Please note that the December 26, 2025, Standards Action publication mistakenly referenced an incorrect URL for obtaining the draft of BSR INCITS 440-202X.

The correct URL to access the draft is provided below:
https://standards.incits.org/higherlogic/ws/public/download/178646/eb-2025-00498-PR-Register-INCITS-440-202x-Cmts-due-02-24-2026.pdf

If you have any questions, please contact Lynn Barra at lbarra@itic.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

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

ASA (ASC S1) - Acoustical Society of AmericaAcoustics

Meeting Time: May 2026

2026 ASA Standards Spring Meeting Schedule
MAY
ASACOS and Steering meetings are being held virtually. For access via ZOOM, please contact Nancy A. Blair-DeLeon, ASA Standards Manager at nblairdeleon@acousticalsociety.org.

Meeting of ASACOS Steering Tuesday, 5/5/2026 11:00 AM EST Virtual via ZOOM

Meeting of ASACOS Tuesday, 5/5/2026 2:00 PM EST Virtual via ZOOM

ASA Plenary and Accredited Standards Committee meetings will be held in conjunction with the 190th Meeting of the Acoustical Society of America at the Philadelphia Marriott Downtown Hotel, Philadelphia, Pennsylvania. For more information, visit our website at https://asastandards.org/#meetings or email us at Standards@acousticalsociety.org.

ASA Standards Plenary Tuesday, 05/12/2026 8:00 AM EST Philadelphia, PA

ASC S12, Noise Tuesday, 05/12/2026 9:15 AM EST Philadelphia, PA

ASC S2, Mechanical Vibration and Shock Tuesday, 05/12/2026 10:30 AM EST Philadelphia, PA

ASC S3, Bioacoustics Tuesday, 05/12/2026 12:15 AM EST Philadelphia, PA

ASC S3/SC1, Animal Bioacoustics Tuesday, 05/12/2026 1:30 PM EST Philadelphia, PA

ASC S1, Acoustics Tuesday, 05/12/2026 2:45 PM EST Philadelphia, PA

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)

IAPMO (International Association of Plumbing & Mechanical Officials)

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)

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.

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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.

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.

ACCESSING ISO AND IEC DRAFTS

ISO Drafts are available for purchase via the ANSI Web Store at https://webstore.ansi.org. IEC Drafts can be made available by contacting ANSI's Customer Service department. Please email your request for an IEC Draft to sales@ansi.org. When making your request, please provide the date of the Standards Action issue in which the IEC Draft document you are requesting appears.

ISO Standards

Agricultural food products (TC 34)

ISO/DIS 21033, Animal and vegetable fats and oils - Determination of trace elements by inductively coupled plasma optical emission spectroscopy (ICP-OES) - 3/26/2026, $62.00

Biotechnology (TC 276)

ISO/DIS 25347, Biotechnology - Bioprocessing - General requirements for the purification of extracellular vesicles - 3/23/2026, $58.00

Cranes (TC 96)

ISO/DIS 4302, Cranes - Wind load assessment - 3/23/2026, $82.00

Dimensional and Geometrical Product Specifications and Verification (TC 213)

ISO/DIS 25178-6, Geometrical product specifications (GPS) - Surface texture: Areal - Part 6: Classification of methods for measuring surface topography - 3/23/2026, $62.00

Fisheries and aquaculture (TC 234)

ISO/DIS 25782, Carbon fixation rate in farmed photosynthetic microalgae - methods for sampling and analysis - 3/20/2026, $40.00

ISO/DIS 25783, Carbon footprint for seafood - Product category rules (CFP-PCR) for farmed photosynthetic microalgae - 3/20/2026, $71.00

Gas cylinders (TC 58)

ISO 10156:2017/DAmd 1, - Amendment 1: Gas cylinders - Gases and gas mixtures - Determination of fire potential and oxidizing ability for the selection of cylinder valve outlets - Amendment 1 - 3/20/2026, $29.00

Lifts, escalators, passenger conveyors (TC 178)

ISO/DIS 8103-9, Escalators and moving walks - Part 9: Measurement of ride quality - 3/20/2026, $93.00

Microbeam analysis (TC 202)

ISO/DIS 16887, Microbeam analysis - Analytical electron microscopy - Guidelines for transmission electron microscopy specimen preparation by lift-out method using focused ion beam system - 3/26/2026, $88.00

Occupational health and safety management systems (TC 283)

ISO/DIS 45008, Occupational health and safety management - Guidelines for remote working - 3/19/2026, $88.00

Paints and varnishes (TC 35)

ISO/DIS 21227-1, Paints and varnishes - Evaluation of defects on coated surfaces using digital image processing - Part 1: General guidance - 3/23/2026, $93.00

ISO/DIS 21227-4, Paints and varnishes - Evaluation of defects on coated surfaces using digital image processing - Part 4: Evaluation of filiform corrosion on coated corrosion test samples - 3/26/2026, $46.00

ISO/DIS 22785-7, Coatings on plastics and composites - Part 7: Adhesion - 3/16/2026, $71.00

ISO/DIS 22785-8, Coatings on plastics and composites - Part 8: Film thickness - 3/16/2026, $82.00

Railway applications (TC 269)

ISO/DIS 23987-1, Railway Infrastructure - Switches and crossings - Part 1: Vocabulary - 3/21/2026, $82.00

Steel (TC 17)

ISO/DIS 14654, Epoxy-coated steel for the reinforcement of concrete - 3/23/2026, $98.00

ISO/DIS 14656, Epoxy powder and sealing material for the coating of steel for the reinforcement of concrete - 3/21/2026, $58.00

Thermal insulation (TC 163)

ISO/DIS 17528, Thermal performance of windows and doors - Determination of solar heat gain coefficient using natural solar radiation - 3/23/2026, $107.00

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

ISO/DIS 24645, General requirements for Luer activated needle-free connectors (LANCs) for intravascular applications - 3/23/2026, $98.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 18013-3, Personal identification - ISO-compliant driving licence - Part 3: Access control, authentication and integrity validation - 3/19/2026, $155.00

ISO/IEC DIS 19763-7, Information technology - Metamodel framework for interoperability (MFI) - Part 7: Metamodel for service model registration - 3/21/2026, $125.00

IEC Standards

Alarm systems (TC 79)

79/737/CDV, IEC 60839-7-9 ED1: Alarm and electronic security systems - Part 7-9: Message formats and protocols for serial data interfaces in alarm transmission systems - Requirements for common protocol for alarm transmission using the internet protocol, 03/27/2026

Automatic controls for household use (TC 72)

72/1517/CDV, IEC 60730-1/AMD1 ED6: Automatic electrical controls - Part 1: General requirements, 03/27/2026

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

46A/1743/CDV, IEC 61196-1-129 ED1: Coaxial communication cables - Part 1-129: Electrical test methods - Link-loss balance of radiating cables, 03/27/2026

Electric traction equipment (TC 9)

9/3297/CDV, IEC 62625-3 ED1: Electronic railway equipment - On board driving data recording system - Part 3: Audio and video recording, 03/27/2026

Fibre optics (TC 86)

86B/5152/CDV, IEC 61753-382-02 ED2: Fibre optic interconnecting devices and passive components - Performance standard - Part 382-2: Non-connectorized single-mode bidirectional G-PON-NGA WWDM devices for category C - Controlled environment, 03/27/2026

86/669/CDV, IEC 62496-2-6 ED1: Optical circuit boards - Part 2 -6: Basic test and measurement procedures - Near field pattern analysis of multimode optical waveguides with rectangular core (s) using encircled flux methodology, 03/27/2026

86B/5174(F)/FDIS, IEC 61753-022-13 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 022-13: Multimode fibre optic connectors terminated as pigtails and patchcords for category OP+^{HD}- Extended outdoor protected environment with additional heat dissipation, 01/23/2026

Laser equipment (TC 76)

76/793/FDIS, IEC 60601-2-22/AMD1 ED4: Amendment 1 - Medical electrical equipment - Part 2-22: Particular requirements for basic safety and essential performance of surgical, cosmetic, therapeutic and diagnostic laser equipment, 02/13/2026

Piezoelectric and dielectric devices for frequency control and selection (TC 49)

49/1527(F)/FDIS, IEC 63041-1 ED3: Piezoelectric sensors - Part 1: Generic specifications, 01/23/2026

Power electronics (TC 22)

22/430(F)/CDV, IEC 62477-2 ED2: Safety requirements for power electronic converter systems and equipment - Part 2: High Voltage Power electronic converters up to 36 kV a.c. or 54 kV d. c., 03/13/2026

Safety of household and similar electrical appliances (TC 61)

61/7533(F)/FDIS, IEC 60335-2-23 ED7: Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for hair care and similar appliances, 01/16/2026

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

121A/707/CDV, IEC 60947-7-2 ED4: Low-voltage switchgear and controlgear - Part 7-2: Ancillary equipment - Protective conductor terminal blocks for copper conductors, 03/27/2026

System engineering and erection of electrical power installations in systems with nominal voltages above 1 kV A. C., particularly considering safety aspects (TC 99)

99/520/CDV, IEC 60071-1 ED10: Insulation co-ordination - Part 1: Definitions, principles and rules, 03/27/2026

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).

IEC Standards

Industrial-process measurement and control (TC 65)

IEC 62541-21 Ed. 1.0 en:2026, OPC Unified architecture - Part 21: Device Onboarding, $478.00

IEC 62541-21 Ed. 1.0 b:2026, OPC Unified architecture - Part 21: Device Onboarding, $478.00

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.

ANSI Accredited Standards Developer

NCPDP - National Council for Prescription Drug Programs

Enrollment in the 2026 Consensus Group opens Monday, January 12, 2026 and closes at 8:00 p.m. EST on Friday, February 13, 2026. Information concerning the Consensus Group registration process is available by contacting:

Margaret Weiker
National Council for Prescription Drug Programs
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Standards:

Audit Transaction Standard – supports an electronic audit transaction that facilitates requests, responses, and final outcomes transmissions for both "Desk Top" claim audits and for in-store audit notices.

Batch Standard Subrogation - provides a uniform approach to efficiently process post-payment subrogation claims and eliminate the numerous custom formats used in the industry today.

Benefit Integration Standard - supports the communication of accumulator data (such as deductible and out of pocket) between Benefit Partners to administer integrated benefits for a member.

Billing Unit Standard - provides a consistent and well-defined billing unit for use in pharmacy transactions. This results in time savings and accuracy in billing and reimbursement.

Financial Information Reporting Standard – provides a process whereby financial information is moved from one PBM to another when a patient changes benefit plans.

Formulary and Benefit Standard – provides a standard means for pharmacy benefit payers (including health plans and Pharmacy Benefit Managers) to communicate formulary and benefit information to prescribers via technology vendor systems.

Manufacturer Rebate Standard – provides a standardized format for the electronic submission of rebate information from Pharmacy Management Organizations (PMOs) to Pharmaceutical Industry Contracting Organizations (PICOs).

Medicaid Pharmacy Encounters Reporting – provides standardization of data content and file layout for reporting of Medicaid Managed Care Organization pharmacy claims to a state agency.

Post Adjudication Standard – provides a format for supplying detailed drug or utilization claim information after the claim has been adjudicated.

Prescription Drug Monitoring Programs (PDMP) Reporting Standard – developed to report controlled substance and other required drug information to assist healthcare providers to deter prescription drug abuse to ensure access for patients with valid medical needs.

Prescription Transfer Standard – developed to create file formats for the purpose of electronically transferring prescriptions between pharmacies.

Prior Authorization Transfer Standard – developed to define the file format and correct usage for electronically transferring existing prior authorization data between payer/processors when transitioning clients, performing system database or platform changes, or other scenarios where an existing prior authorization record is stored in one location and needs to be moved to another.

Product Identifiers Standard – developed to provide a standard for consistent formatting and utilization of product identifiers in healthcare and to provide clarification for maintenance of these specific product identifiers.

Standards (con'td):

Real-Time Prescription Benefit Standard – developed a real-time pharmacy benefit inquiry from a provider EMR application to: leverage pharmacy industry standards and technology infrastructure, to deliver an accurate, pharmacy specific, "Patient Pay Amount" for a proposed medication and quantity and to collaboratively align stakeholders.

Retiree Drug Subsidy Standard – developed to assist in the automation of summarized drug cost and related data transfer from one processor/pharmacy benefit manager to another processor/ pharmacy benefit manager for continuation of the CMS Retiree Drug Subsidy (RDS) cost data reporting by the receiving entity.

SCRIPT Standard – developed for transmitting prescription information electronically between prescribers, providers, and other entities.

Specialized Standard – developed for transmitting information electronically between prescribers, providers, and other entities. The standard addresses the electronic transmission of census information about a patient between a facility and a pharmacy, medication therapy management transactions between providers, payers, pharmacies, and other entities. It will include other transactions for electronic exchanges between these entities in the future.

Specialty Pharmacy Data Reporting Standard - provides a standardized format for the data submitted by specialty pharmacy to drug manufacturers/others to support programs and agreements between the parties.

State Medicaid Provider File Standard - developed a standard by which state Medicaid agencies or other entities could communicate their provider data with the MCOs/PBMs in a consistent and streamlined manner.

Telecommunication Standard – developed a standardized format for electronic communication of claims and other transactions between pharmacy providers, insurance carriers, third-party administrators, and other responsible parties.

Uniform Healthcare Payer Data Standard – developed a standard format for pharmacy claim data to support the reporting requirements of claim data to states or their designees.

BSR/ASHRAE Addendum *d* to
ANSI/ASHRAE Standard 209-2024

First Public Review Draft

Proposed Addendum *d* to Standard 209-2024, Energy Simulation Aided Design for Buildings except Low-Rise Residential Buildings

First Public Review Draft (January 2026)
(Draft shows Proposed Changes to Current Standard)

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

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

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

ASHRAE, 180 Technology Parkway, Peachtree Corners, GA 30092

BSR/ASHRAE Addendum d to ANSI/ASHRAE Standard 209-2024, *Energy Simulation Aided Design for Buildings except Low-Rise Residential Buildings*
First Public Review Draft

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

Background: The existing language workgroup proposed changes to Modeling Cycle #2 - Conceptual Design Modeling which due to a formatting hiccup did not get fully published in the 2024 version. The changes here are what was not included and aim to clarify the language without changing the scope of each cycle.

Addendum d to Standard 209-2024 – Proposed changes

6.2 Modeling Cycle #2—Conceptual Design Modeling

6.2.1 Purpose. Evaluate energy improvements that are tied to the form and architecture of the building.

6.2.2 Applicability. This *modeling cycle* applies to projects where the form and architecture of the building are still subject to design changes before *schematic design* begins. This *modeling cycle* applies to buildings with internal equipment/*process loads* less than 75% of overall energy breakdown.

6.2.3 Analysis. Create *energy models* based on architectural conceptual designs to estimate annual building energy consumption by end use and peak heating and cooling loads with identical *HVAC systems*, internal occupancy, and equipment/*process loads*.

Exception: When HVAC system selection impacts the architectural form, multiple HVAC systems may be modeled.

6.2.3.1 Perform comparative analyses of the conceptual designs options to inform design decisions.

UL 2572, Standard for Safety for Mass Notification Systems

1. Add Class N, C, D, E pathways, and requirements for multiple primary batteries

PROPOSAL

5.35A Endpoint (Class N) – The end of a pathway where a single addressable device or a control unit is connected.

5.17A Device (Class N) – A supervised component of a life safety system that communicates with other components of life safety systems and that collects environmental data or performs specific input or output functions necessary to the operation of the life safety system.

~~41.1.5.2~~41.1.1.9 Where two or more ACU, LOCs, and/or ECCUs are interconnected, the interconnecting pathways shall be defined by class A, B, ~~N and/or X~~X and/or N in the product installation wiring diagram/instructions consistent with the operation of the particular pathway during the specified fault conditions specified in ~~44~~41.1.2, ~~44~~41.1.3, ~~44~~41.1.4, and 41.1.5.

41.1.5 Class N Pathway

41.1.5.1 Pathways designated Class N shall operate as follows:

a) Two or more pathways shall be provided, with the functionality of both~~where operational capability of~~ the primary ~~pathway~~ and ~~a~~ redundant pathways to each device ~~are~~ verified through end-to-end communication. A loss of intended communications shall ~~result in the annunciation of~~initiate a trouble signal in accordance with Section 43 when two pathways/channels are no longer available;

Exception: When only one endpoint device is served, ~~only one~~a single pathway is ~~required~~permitted.

b) A loss of intended communications between endpoints shall be annunciated as a trouble signal in accordance with Section 43;

c) A single open, ground, short, or combination of faults on one pathway shall not affect any other pathway;

d) Conditions that affect the operation of the primary pathway(s) and the redundant pathway(s) shall be annunciated as a trouble signal in accordance with Section 43 when the system's minimal operational requirements cannot be met; ~~and~~

~~e) Conditions that affect the intended operation of the required paths are annunciated as a trouble signal in accordance with Section 43.~~

~~f) Operational capability is maintained during the application of a single ground fault.~~

~~g) Non-endpoint devices shall have provisions for connection of at least two separate pathways~~

~~h~~e) Primary and redundant pathways shall not share traffic over the same wire or fiber physical segment; and

~~i~~f) Where operational capability is to be maintained during a fault, the operational capability shall be restored within 200 s of the application of the fault.

~~*Exception: Requirement (f) shall not apply to non-conductive pathways (e.g. fiber).*~~

BSR/UL 62841-2-21, Standard for Safety for Electric-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 2-21: Particular requirements for hand-held drain cleaners

1. Proposed adoption of Amendment 1 of the First Edition of IEC 62841-2-21:2017, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-21: Particular requirements for hand-held drain cleaners, as a revision of the First Edition of UL 62841-2-21.

PROPOSAL

Table 4
Required performance levels

Type and purpose of SCF	Minimum performance level (PL)
Power switch – prevent unwanted switch-on	a
Power switch – provide desired switch-off	a
Provide desired direction of rotation	a
Any electronic control to pass the test of 18.3	a
Any speed limiting device	Not an **SCF**
Prevent exceeding thermal limits as in ~~Clause~~ 18.4 and 18.5.3	a

21.18.1.2 This subclause is not applicable.

23 Components

This clause of Part 1 is applicable~~.~~, except as follows:

23.3 This subclause is not applicable.

I.3.5.1 General

Addition:

For **battery** operated tools, the tests are conducted with the lightest **battery** in accordance with K.8.14.2 e) 2) of Part 1 that has sufficient capacity to operate the tool at no-load for at least 25 min.