ANSI STANDARDS ACTION

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CONTENTS

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Project Initiation Notification System (PINS)

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

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

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

AAFS (American Academy of Forensic Sciences)

410 North 21st Street, Colorado Springs, CO 80904 www.aafs.org
Contact: Teresa Ambrosius; tambrosius@aafs.org

New Standard

BSR/ASB Std 169-202x, Standard for Veterinary Forensic Live Animal Examination (new standard)

Stakeholders: International Veterinary Forensic Sciences Association, veterinarians, veterinary technicians, other forensic specialties (entomology, radiology, toxicology), scene investigators, legal community.
Project Need: Veterinary forensic investigations are conducted in federal, state, and local jurisdictions throughout the United States and internationally by law enforcement agencies. It is common to have a veterinarian involved in the investigation, and in many cases, a live animal needs to be examined as an item of evidence or to provide critical information for law enforcement. Many veterinarians without advanced training in forensics do perform forensic live animal examinations, although documented forensic standard practices is preferable.
Scope: This document provides minimum requirements for the forensic veterinary examination of a live animal and the collection of physical evidence. This includes the physical examination, ancillary testing, documentation, evidence handling, and training specific to the examination of live animals encountered in potential civil or criminal forensic cases involving animals.

AAFS (American Academy of Forensic Sciences)

410 North 21st Street, Colorado Springs, CO 80904 www.aafs.org
Contact: Teresa Ambrosius; tambrosius@aafs.org

New Standard

BSR/ASB Std 170-202x, Standard for Veterinary Forensic Postmortem Examination (new standard)

Stakeholders: International Veterinary Forensic Sciences Association, veterinarians, veterinary technicians, other forensic specialties (entomology, radiology, toxicology), scene investigators, legal community.
Project Need: Veterinary forensic investigations are conducted in federal, state, and local jurisdictions throughout the United States and internationally by law enforcement agencies. It is common to have a veterinarian involved in the investigation. Involvement of a veterinary pathologist trained in forensic pathology should be standard practice in fatal cases, although sometimes veterinarians without advanced training in pathology perform forensic postmortem examinations.
Scope: This standard defines services rendered by a veterinarian acting in a forensic capacity and performing veterinary forensic postmortem examinations. The standard establishes minimum practices and procedural requirements for receipt of the body, external and internal examinations, identification, documentation, and sets ancillary testing and diagnostic support requirements. The standard also provides a reference for legal or law enforcement professionals.

AISC (American Institute of Steel Construction)

130 E. Randolph Street, Suite 2000, Chicago, IL 60601 www.aisc.org
Contact: Margaret Matthew; matthew@aisc.org

Revision

BSR/AISC 358-202x, Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications (revision, redesignation and consolidation of ANSI/AISC 358-2016, ANSI/AISC 358-S1-2018, and ANSI/AISC 358-S2-2020)

Stakeholders: Structural engineers, steel fabrication industry, researchers, and academics.
Project Need: Revise and update the current standard, incorporating existing supplements and new material.
Scope: This standard specifies design, detailing, fabrication, and quality criteria for structural steel connections that are prequalified in accordance with the AISC Seismic Provisions for Structural Steel Buildings (AISC 341) for use with special moment frames (SMF) and intermediate moment frames (IMF).

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 www.assp.org
Contact: Tim Fisher; TFisher@ASSP.org

National Adoption

BSR/ASSP/ISO 45003-202X, Occupational health and safety management - Psychological health and safety at work: Managing psychosocial risks - Guidelines (identical national adoption of ISO 45003-2021)

Stakeholders: Interested stakeholders addressing Occupational health and safety management - Psychological health and safety at work: Managing psychosocial risks - Guidelines.
Project Need: Based upon the consensus of interested stakeholders addressing Occupational health and safety management - Psychological health and safety at work : managing psychosocial risks
Scope: This document provides guidance with respect to managing psychosocial risk within an occupational health and safety (OH&S) management system based on ISO 45001 Occupational health and safety management systems - Requirements with guidance for use. It enables organizations to prevent work-related injury and ill health of their workers and other interested parties, and to promote well-being at work. It is applicable to organizations of all sizes and in all sectors, for the development, implementation, maintenance, and continual improvement of healthy and safe workplaces.

CSA (CSA America Standards Inc.)

8501 E. Pleasant Valley Road, Cleveland, OH 44131 www.csagroup.org
Contact: David Zimmerman; ansi.contact@csagroup.org

Revision

BSR Z21.13/CSA 4.9-202x, Gas-fired low-pressure steam and hot water boilers (same as CSA 4.9) (revision and redesignation of ANSI Z21.13-2017)

Stakeholders: Manufacturers, utilities, consumers, testing agencies.
Project Need: To update the current standard due to user experience, feedback, and new technology.
Scope: Details test and examination criteria for Category I, Category II, Category III, and Category IV low-pressure steam and hot water boilers for use with natural, manufactured, and mixed gases; liquefied petroleum gases; and LP gas-air mixtures. A boiler is defined in the standard as a boiler operating at or below the following pressures or temperatures: steam heating boiler - 15 psi (103.42 kPa) steam pressure; hot water heating or supply boiler - 160 psi (1.10 MPa) water pressure, 250°F (121°C) water temperature.

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 www.esta.org
Contact: Karl Ruling; standards@esta.org

New Standard

BSR/E1.74-202x, Guidance on ventilation for indoor stages and motion picture studios (new standard)

Stakeholders: Theatrical effects designers and operators, production managers, directors of photography, industrial hygienists, theatre consultants, ventilation system designers, and the technicians and actors who work on stages and in motion picture studios.
Project Need: Standards exist for the ventilation of indoor spaces, but people responsible for effective ventilation often (1) fail to consider the needs of a particular live performance or motion picture production being done in the space and (2) have difficulty navigating the existing ventilation standards. Ventilation systems in live performance and motion picture studios may need to be adjusted to adequately control atmospheric effects, such as artificial fog and haze. System maintenance procedures and service frequency also may need to be adjusted to account for the particular activities in a space, which could be significantly different from what was done in that space previously. This proposed standard would reference as much as possible existing ventilation standards, but would provide guidance to help people in the live entertainment and motion picture industries effectively apply those standards to the needs of particular productions.
Scope: This proposed standard would provide guidance to help people in the live entertainment and motion picture industries to effectively assess the ventilation needs and system requirements for particular live stage and motion picture productions. The standard would as much as possible reference existing ventilation standards, but would give advice on how to apply them to the needs of individual shows and events.

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 www.esta.org
Contact: Richard Nix; standards@esta.org

Revision

BSR E1.22-202x, Entertainment Technology - Fire Safety Curtain Systems (revision of ANSI E1.22-2016)

Stakeholders: Theatrical fire safety curtain system manufacturers, designers, installers, specifiers, users, owners.
Project Need: The current standard is five years old and needs revision.
Scope: This is a revision of ANSI E1.22-2016, which governs the design, materials, fabrication, installation, operation, testing, and maintenance of fire safety curtain systems used for proscenium opening protection.

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: June 6, 2021

UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 (510) 319-4271 https://ul.org/

Revision

BSR/UL 746C-202x, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2020)
This proposal covers the clarification of diagnostic test methods as mentioned in Table 25.1 of UL 746C.
Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

12 Laboratory Drive, P.O. Box 13995, Research Triangle Park, NC 27709-3995 (919) 549-1391 https://ul.org/

Revision

BSR/UL 859-202X, Standard for Safety for Household Electric Personal Grooming Appliances (revision of ANSI/UL 859-2016)
(1) Proposed addition of cord tag evaluated to UL 969A; (2) Proposed revision to replace the reference to the Standard for Power Conversion Equipment, UL 508C, with reference to the Standard for Adjustable Speed Electric Power Drive Systems, UL 61800-5-1.
Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 (847) 664-3416 https://ul.org/

Revision

BSR/UL 1275-202x, Standard for Safety for Flammable Liquid Storage Cabinets (revision of ANSI/UL 1275-2010 (R2014))
The following is being recirculated: (1) Joint Standard for Safety for Flammable Liquid Storage Cabinets, UL/ULC 1275.
Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: June 6, 2021

UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 (510) 319-4297 https://ul.org/

Revision

BSR/UL 1277-202X, Standard for Safety for Electrical Power and Control Tray Cables with Optional Optical-Fiber Members (revision of ANSI/UL 1277-2021)
Revised 21.1, 22.1, and Tables 12.1, 21.1, and 22.1 to Include EVA-based jacket compounds found in the Reference Standard for Electrical Wires, Cables, and Flexible Cords, UL 1581.
Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 (510) 319-4271 https://ul.org/

Revision

BSR/UL 1640-202x, Standard for Safety for Portable Power-Distribution Equipment (revision of ANSI/UL 1640-2020)
This proposal is a revision of criteria for the use of "100 Percent Rated" circuit breakers in Paragraph 15.2.1 of UL 1640.
Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

12 Laboratory Drive, P.O. Box 13995, Research Triangle Park, NC 27709-3995 (919) 549-1391 https://ul.org/

Revision

BSR/UL 4200A-202X, Standard for Safety for Products Incorporating Button or Coin Cell Batteries of Lithium Technologies (revision of ANSI/UL 4200A-2020)
Proposed revision to clarify requirements in Section 5.5.
Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: June 21, 2021

AAFS (American Academy of Forensic Sciences)

410 North 21st Street, Colorado Springs, CO 80904 (719) 453-1036 www.aafs.org

New Standard

BSR/ASB Std 157-202x, Required Components for a Proficiency Testing Program in Bloodstain Pattern Analysis (new standard)
This standard establishes required components of a proficiency testing program in bloodstain pattern analysis. Components covered in this standard include the testing scheme, general test design, etc. It does not include specific test content.
Single copy price: Free
Obtain an electronic copy from: Document and comments template can be viewed on the AAFS Standards Board website at: http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination//
Order from: Document will be provided electronically on AAFS Standards Board website (www.asbstandardsboard.org) free of charge.
Send comments (with optional copy to psa@ansi.org) to: asb@aafs.org

Comment Deadline: June 21, 2021

AAFS (American Academy of Forensic Sciences)

410 North 21st Street, Colorado Springs, CO 80904 (719) 453-1036 www.aafs.org

New Standard

BSR/ASB Std 158-202x, Standard for a Developing Standard Operating Procedures in Bloodstain Pattern Analysis (new standard)
This standard provides guidance on the development of Standard Operating Procedures (SOP) that are a component of the quality assurance program for Bloodstain Pattern Analysis. The standard specifies SOP requirements for equipment, materials, reagents, calculations, documenting limitations, safety, and the generation of reports. The standard is applicable to scene, laboratory, and remote examinations. Please note that comments on a re-circulation will only be accepted on revised sections of a document, comments made to text not revised from the previous public comment period will not be accepted.
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: http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination/.
Order from: www.asbstandardsboard.org
Send comments (with optional copy to psa@ansi.org) to: asb@aafs.org

ANS (American Nuclear Society)

555 North Kensington Avenue, La Grange Park, IL 60526 (708) 579-8268 www.ans.org

Reaffirmation

BSR/ANS 2.3-2011 (R202x), Estimating Tornado, Hurricane, and Extreme Straight-Line Wind Characteristics at Nuclear Facility Sites (reaffirmation of ANSI/ANS 2.3-2011 (R2016))
This standard defines site phenomena caused by (1) extreme straight winds, (2) hurricanes, and (3) tornados in various geographic regions of the U.S. These phenomena are used for the design of nuclear facilities.
Single copy price: $70.00
Obtain an electronic copy from: orders@ans.org
Order from: orders@ans.org
Send comments (with optional copy to psa@ansi.org) to: pschroeder@ans.org

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 (847) 768-3475 www.assp.org

New Standard

BSR/ASSP Z359.9-202x, Personal Equipment for Protection against Falls - Descent Controllers (new standard)
This standard establishes requirements for the design, performance, testing, test methods, marking, instruction, maintenance, and removal from service of descent controllers for users within the capacity range of 130 to 310 pounds (59 to 140 kg).
Single copy price: $110.00
Obtain an electronic copy from: LBauerschmidt@assp.org
Order from: Lauren Bauerschmidt; LBauerschmidt@assp.org
Send comments (with optional copy to psa@ansi.org) to: Same

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (610) 832-9744 www.astm.org

New Standard

BSR/ASTM WK73697-202x, Test Method for Assessing Physical Resistance in Turfgrass Equine Surfaces (new standard)
https://www.astm.org/ANSI_SA
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Order from: Laura Klineburger; accreditation@astm.org
Send comments (with optional copy to psa@ansi.org) to: Same

Comment Deadline: June 21, 2021

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (610) 832-9744 www.astm.org

Reaffirmation

BSR/ASTM F1122-2010 (R202x), Specification for Quick Disconnect Couplings (6 in. NPS and Smaller) (reaffirmation of ANSI/ASTM F1122-2010 (R2015))
https://www.astm.org/ANSI_SA
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Order from: Laura Klineburger; accreditation@astm.org
Send comments (with optional copy to psa@ansi.org) to: Same

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (610) 832-9744 www.astm.org

Revision

BSR/ASTM E23-202x, Test Methods for Notched Bar Impact Testing of Metallic Materials (revision of ANSI/ASTM E23-2018)
https://www.astm.org/ANSI_SA
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Order from: Laura Klineburger; accreditation@astm.org
Send comments (with optional copy to psa@ansi.org) to: Same

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (610) 832-9744 www.astm.org

Revision

BSR/ASTM E105-202x, Practice for Probability Sampling of Materials (revision of ANSI/ASTM E105-2016)
https://www.astm.org/ANSI_SA
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Order from: Laura Klineburger; accreditation@astm.org
Send comments (with optional copy to psa@ansi.org) to: Same

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (610) 832-9744 www.astm.org

Revision

BSR/ASTM E178-202x, Practice for Dealing with Outlying Observations (revision of ANSI/ASTM E178-2016)
https://www.astm.org/ANSI_SA
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Order from: Laura Klineburger; accreditation@astm.org
Send comments (with optional copy to psa@ansi.org) to: Same

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (610) 832-9744 www.astm.org

Revision

BSR/ASTM E1169-202x, Practice for Conducting Ruggedness Tests (revision of ANSI/ASTM E1169-2020)
https://www.astm.org/ANSI_SA
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Order from: Laura Klineburger; accreditation@astm.org
Send comments (with optional copy to psa@ansi.org) to: Same

Comment Deadline: June 21, 2021

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (610) 832-9744 www.astm.org

Revision

BSR/ASTM E1325-202x, Terminology Relating to Design of Experiments (revision of ANSI/ASTM E1325-2016)
https://www.astm.org/ANSI_SA
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Order from: Laura Klineburger; accreditation@astm.org
Send comments (with optional copy to psa@ansi.org) to: Same

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (610) 832-9744 www.astm.org

Revision

BSR/ASTM E2935-202x, Practice for Conducting Equivalence Tests for Comparing Testing Processes (revision of ANSI/ASTM E2935-2020)
https://www.astm.org/ANSI_SA
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Order from: Laura Klineburger; accreditation@astm.org
Send comments (with optional copy to psa@ansi.org) to: Same

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (610) 832-9744 www.astm.org

Revision

BSR/ASTM F1000-202x, Practice for Piping System Drawing Symbols (revision of ANSI/ASTM F1000-2013 (R2019))
https://www.astm.org/ANSI_SA
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Order from: Laura Klineburger; accreditation@astm.org
Send comments (with optional copy to psa@ansi.org) to: Same

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (610) 832-9744 www.astm.org

Revision

BSR/ASTM F1166-202x, Practice for Human Engineering Design for Marine Systems, Equipment, and Facilities (revision of ANSI/ASTM F1166-2007 (R2013))
https://www.astm.org/ANSI_SA
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Order from: Laura Klineburger; accreditation@astm.org
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Comment Deadline: June 21, 2021

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (610) 832-9744 www.astm.org

Revision

BSR/ASTM F1200-202x, Specification for Fabricated (Welded) Pipe Line Strainers (Above 150 psig and 150F) (revision of ANSI/ASTM F1200-1988 (R2016))
https://www.astm.org/ANSI_SA
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Order from: Laura Klineburger; accreditation@astm.org
Send comments (with optional copy to psa@ansi.org) to: Same

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (610) 832-9744 www.astm.org

Revision

BSR/ASTM F2030-202x, Specification for Paintball Cylinder Burst Disk Assemblies (revision of ANSI/ASTM F2030-2011 (R2020))
https://www.astm.org/ANSI_SA
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Order from: Laura Klineburger; accreditation@astm.org
Send comments (with optional copy to psa@ansi.org) to: Same

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (610) 832-9744 www.astm.org

Revision

BSR/ASTM F2143-202x, Test Method for Performance of Refrigerated Buffet and Preparation Tables (revision of ANSI/ASTM F2143-2016)
https://www.astm.org/ANSI_SA
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Order from: Laura Klineburger; accreditation@astm.org
Send comments (with optional copy to psa@ansi.org) to: Same

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (610) 832-9744 www.astm.org

Revision

BSR/ASTM F3101-202x, Specification for Unsupervised Public Use Outdoor Fitness Equipment (revision of ANSI/ASTM F3101-2021)
https://www.astm.org/ANSI_SA
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Order from: Laura Klineburger; accreditation@astm.org
Send comments (with optional copy to psa@ansi.org) to: Same

Comment Deadline: June 21, 2021

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 (800) 443-9353 308 www.aws.org

New Standard

BSR/AWS B2.1-1-018-202x, Standard Welding Procedure Specification (SWPS) for Self-Shielded Flux-Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E71T-8, in the As-Welded Condition, Primarily Plate and Structural Applications (new standard)
This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1 -1/2 inch [38 mm], using semiautomatic self-shielded flux cored arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.
Single copy price: $136.00
Obtain an electronic copy from: jrosario@aws.org
Order from: Jennifer Rosario; jrosario@aws.org
Send comments (with optional copy to psa@ansi.org) to: Same

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 (212) 244-1505 www.esta.org

New Standard

BSR ES1.6-202x, Event Safety - Communications (new standard)
This standard shall apply to communications in the live event industry and describes requirements for both internal communication and public information for live events and related activities. It shall provide guidelines and good practices for effective communication within the production and operation of a live event. It describes communication messaging and technology for internal operations and external groups, such as the audience or general public, with guidelines for assessment with all involved entities. The goal is to determine logistics of and provide channels for general, operational, management, security, health and safety information to the affected parties in a timely manner. Requirements shall include the thorough examination of all the organizations involved in the event, assessed individually or jointly; general and operational management of the event; the appropriate handling of routine health, safety, and welfare information; as well as effective communication in the occurrence of a major incident. While this document will address communicating with law enforcement, medical support, or other AHJs, this standard specifically does not address any communications within AHJs or military operations, as these systems are determined by those organizations and therefore are beyond the scope of this document.
Single copy price: Free
Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php
Order from: Richard Nix; standards@esta.org
Send comments (with optional copy to psa@ansi.org) to: Same

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 (212) 244-1505 www.esta.org

Reaffirmation

BSR E1.40-2016 (R202x), Recommendations for the Planning of Theatrical Dust Effects (reaffirmation of ANSI E1.40-2016)
A wide variety of products are used to create dust effects in motion picture and television production and also in live theatrical productions and theme parks. The use of dust aerosols raises concerns for potential hazards, including combustibility and health effects from inhalation or ingestion, which are well known in some industrial sectors, but are poorly understood in others. This document provides recommendations for how to plan the use and assess the safety of such effects.
Single copy price: Free
Obtain an electronic copy from: http://tsp.esta.org/tsp/documents/public_review_docs.php
Order from: Karl Ruling; standards@esta.org
Send comments (with optional copy to psa@ansi.org) to: Same

Comment Deadline: June 21, 2021

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

18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448 (708) 995-3015 www.asse-plumbing.org

Revision

BSR/ASSE Series 6000-202x, Professional Qualifications Standard for Medical Gas Systems Personnel (revision of ANSI/ASSE Series 6000-2018)
This series of standards establishes uniform minimum education and certification requirements for qualified medical gas systems installers, bulk medical gas/cryogenic fluid central supply systems installers, medical gas systems inspectors, medical gas systems verifiers, bulk medical gas/cryogenic fluid central supply systems verifiers, medical gas systems maintenance personnel, medical gas systems instructors, bulk medical gas/cryogenic fluid central supply systems instructors, and medical gas systems designers.
Single copy price: Free
Obtain an electronic copy from: marianne.waickman@asse-plumbing.org
Order from: Marianne Waickman; marianne.waickman@asse-plumbing.org
Send comments (with optional copy to psa@ansi.org) to: Same

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005 (917) 913-0027 www.ies.org

New Standard

BSR/IES RP-44-202x, Recommended Practice: Ultraviolet Germicidal Irradiation (UVGI) (new standard)
This document addresses the use of germicidal ultraviolet radiation for disinfection of room air and surfaces; potential dangers for humans; potential effects on materials and plants; UVGI technologies; and safety measures and precautions. It does not address photobiological safety with respect to emission or exposure limits; those topics are addressed in BSR/IES RP-27.1-xx, Recommended Practice: Photobiological Safety of Germicidal Lamp Systems for Upper-Room Applications.
Single copy price: $25.00
Obtain an electronic copy from: pmcgillicuddy@ies.org
Send comments (with optional copy to psa@ansi.org) to: pmcgillicuddy@ies.org

INMM (ASC N14) (Institute of Nuclear Materials Management)

1435 Ridgeview Road, Columbus, OH 43221 (614) 486-5350 www.inmm.org

Revision

BSR N14.7-202x, Guidance for Packaging Type A Quantities of Radioactive Materials (revision of ANSI N14.7-2013)
This standard was prepared to provide guidance to organizations responsible for implementing the performance standards used in developing packagings for transport of radioactive material limited to Type A quantities including fissile material that does not exceed the limits authorized under the general license section of the U.S. Nuclear Regulatory Commission (10 CFR 71.22) regulation for packaging and transportation of radioactive material. This standard is also intended to assist those organizations that are responsible for the testing, evaluation, and fabrication related to Type A packages in accordance with applicable regulatory requirements.
Single copy price: Free
Obtain an electronic copy from: N14secretary@gmail.com
Order from: Steven Maheras, 614-915-7391, N14secretary@gmail.com
Send comments (with optional copy to psa@ansi.org) to: Same

Comment Deadline: June 21, 2021

NASBLA (National Association of State Boating Law Administrators)

1648 McGrathiana Parkway, Suite 360, Lexington, KY 40511 (859) 225-9487 www.nasbla.org

New Standard

BSR/NASBLA 100-202x, Basic Boating Knowledge - Core (new standard)
This standard establishes the essential knowledge needed to reduce recreational boating risk factors and mitigate their effects. This "Core" standard is designed to be combined with discipline-specific power, sail, and/or human-propelled "Plus" standards for development of basic boating education courses and student assessment. This standard applies to basic boating knowledge for all disciplines (power, sail, or human-propelled) of recreational boating in the U.S. states, territories, and the District of Columbia.
Single copy price: Free
Obtain an electronic copy from: https://esp.nasbla.org/esp/
Order from: pam@nasbla.org
Send comments (with optional copy to psa@ansi.org) to: https://esp.nasbla.org/esp/

NASBLA (National Association of State Boating Law Administrators)

1648 McGrathiana Parkway, Suite 360, Lexington, KY 40511 (859) 225-9487 www.nasbla.org

Revision

BSR/NASBLA 101-202x, Basic Boating Knowledge - Plus Human-Propelled (revision of ANSI/NASBLA 101-2017)
This discipline-specific "Plus" standard, when combined with the "Basic Boating Knowledge – Core" standard, establishes minimum essential knowledge to reduce human-propelled recreational boating risk factors. The combined standards are to be used for development of basic boating education courses and student assessment for human-propelled vessels. This standard applies to basic knowledge for human-propelled recreational boating in the U.S. states, territories, and the District of Columbia.
Single copy price: Free
Obtain an electronic copy from: https://esp.nasbla.org/esp/
Order from: pam@nasbla.org
Send comments (with optional copy to psa@ansi.org) to: https://esp.nasbla.org/esp/

NASBLA (National Association of State Boating Law Administrators)

1648 McGrathiana Parkway, Suite 360, Lexington, KY 40511 (859) 225-9487 www.nasbla.org

Revision

BSR/NASBLA 102-202x, Basic Boating Knowledge - Plus Sailing (revision of ANSI/NASBLA 102-2017)
This discipline-specific "Plus" standard, when combined with the "Basic Boating Knowledge – Core" standard, establishes minimum essential knowledge to reduce recreational sailing risk factors. The combined standards are to be used for development of basic boating education courses and student assessment for sailing vessels. This standard applies to basic knowledge for recreational sailboating in the U.S. states, territories, and the District of Columbia.
Single copy price: Free
Obtain an electronic copy from: https://esp.nasbla.org/esp/
Order from: pam@nasbla.org
Send comments (with optional copy to psa@ansi.org) to: https://esp.nasbla.org/esp/

Comment Deadline: June 21, 2021

NASBLA (National Association of State Boating Law Administrators)

1648 McGrathiana Parkway, Suite 360, Lexington, KY 40511 (859) 225-9487 www.nasbla.org

Revision

BSR/NASBLA 103.1-202x , Supplement - Basic Boating Knowledge - Plus Water-Jet Propelled (revision of ANSI/NASBLA 103.1 -2018)
This discipline-specific supplement standard, when combined with the "Basic Boating Knowledge – Core" and "Basic Boating Knowledge - Plus Power" standards, establishes minimum essential knowledge to reduce recreational risk factors for water-jet propelled watercraft operation. The combined standards are to be used for development of basic boating education courses and student assessment for water-jet propelled powerboats. This standard applies to basic water-jet propelled boating knowledge in the U.S. states, territories, and the District of Columbia.
Single copy price: Free
Obtain an electronic copy from: https://esp.nasbla.org/esp/
Order from: pam@nasbla.org
Send comments (with optional copy to psa@ansi.org) to: https://esp.nasbla.org/esp/

NASBLA (National Association of State Boating Law Administrators)

1648 McGrathiana Parkway, Suite 360, Lexington, KY 40511 (859) 225-9487 www.nasbla.org

Revision

BSR/NASBLA 103-202x, Basic Boating Knowledge - Plus Power (revision of ANSI/NASBLA 103-2016)
This discipline-specific "Plus" standard, when combined with the "Basic Boating Knowledge – Core" standard, establishes minimum essential knowledge to reduce recreational powerboating risk factors. The combined standards are to be used for development of basic boating education courses and student assessment for power driven vessels. This standard applies to basic knowledge for recreational powerboating in the U.S. states, territories, and the District of Columbia.
Single copy price: Free
Obtain an electronic copy from: https://esp.nasbla.org/esp/
Order from: pam@nasbla.org
Send comments (with optional copy to psa@ansi.org) to: https://esp.nasbla.org/esp/

NEMA (ASC C8) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Arlington, VA 22209 (571) 426-3226 www.nema.org

Reaffirmation

BSR/NEMA WC 67-2015 (R202x), Standard for Uninsulated Conductors Used in Electrical and Electronic Applications (reaffirmation of ANSI/NEMA WC 67-2015)
This standard covers the following uninsulated conductors: (a) Single end (solid) and stranded; (b) coated and uncoated copper; (c) coated copper alloy; (d) coated copper-clad steel; (e) aluminum conductors; and (f) thermocouple extension conductors.
Single copy price: $101.00
Obtain an electronic copy from: KHALED.MASRI@NEMA.ORG
Order from: Khaled Masri; Khaled.Masri@nema.org
Send comments (with optional copy to psa@ansi.org) to: Same

Comment Deadline: June 21, 2021

NEMA (ASC C8) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Arlington, VA 22209 (571) 426-3226 www.nema.org

Revision

BSR NEMA HP 6-202x, Electrical and Electronic Silicone and Silicone Braided Insulated, Hook-Up Wire, Types S (600 V), ZHS (600 V), SS (1000 V), ZHSS (1000 V), and SSB Braided (1000 V) (revision of ANSI/NEMA HP 6-2013)
This standard publication covers specific requirements for silicone-rubber-insulated stranded wire, designed for the internal wiring of high-reliability electrical and electronic equipment. This standards publication addresses 600 V (Type S, ZHS) and 1000 V (Type SS, ZHSS and SSB) wire and permits continuous conductor temperature ratings of -55C to +150C with tin-coated copper or -55C to + 200C with silver-coated copper. These types of hook-up wire are used when the following requirements are called for:
- High-temperature resistance;
- Low-temperature resistance;
- Good flexibility and flex life;
- Solder iron resistance for easier solder terminations without potential damage; and
- Type ZHS and ZHSS are used for applications requiring low-smoke and zero-halogen requirements.
Single copy price: $84.00
Obtain an electronic copy from: KHALED.MASRI@NEMA.ORG
Order from: Khaled Masri; Khaled.Masri@nema.org
Send comments (with optional copy to psa@ansi.org) to: Same

NEMA (ASC C8) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Arlington, VA 22209 (571) 426-3226 www.nema.org

Revision

BSR NEMA WC 55021-202x, Standard for Military Internal Electrical Cable (revision of ANSI/NEMA WC 55021-2013)
This standards publication covers specific requirements for finished cables. The cables are intended for internal wiring of electrical equipment for use in the hook-up of various electronic assemblies. The component wires are covered by other reference standards. Cables constructed with PVC-insulated wires or jackets are not to be used for aerospace applications.
Single copy price: $80.00
Obtain an electronic copy from: KHALED.MASRI@NEMA.ORG
Order from: Khaled Masri; Khaled.Masri@nema.org
Send comments (with optional copy to psa@ansi.org) to: Same

UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 (510) 319-4259 https://ul.org/

Revision

BSR/UL 174-202x, Standard for Safety for Household Electric Storage Tank Water Heaters (revision of ANSI/UL 174-2021)
The following topics are being proposed: (1) Addition of requirements for integral mixing valves; (2) Clarification of instruction requirement; and (3) Revision to the dip tube heat deformation tester.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: June 21, 2021

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 (919) 549-1054 https://ul.org/

Revision

BSR/UL 508-202X, Standard for Safety for Industrial Control Equipment (revision of ANSI/UL 508-2018)
Recirculation of the following topics: 1. Correction of Fahrenheit temperature values in Table 45.22. Update to lithium battery requirements 5. Addition of LED driver rating 6. Revision of scope to reflect effective UL 60947 standards 7. Ground current requirement for flush-device box switches controlling lighting loadsNeed access to the full standard or a standard this proposal references?
Single copy price: Contact comm2000 for pricing and delivery options
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (with optional copy to 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

Project Withdrawn

In accordance with clause 4.2.1.3.3 Discontinuance of a standards project of the ANSI Essential Requirements, an accredited standards developer may abandon the processing of a proposed new or revised American National Standard or portion thereof if it has followed its accredited procedures. The following projects have been withdrawn accordingly:

ANS (American Nuclear Society)

555 North Kensington Avenue, La Grange Park, IL 60526 (708) 579-8268 www.ans.org

BSR/ANS 15.11-202x, Radiation Protection at Research Reactor Facilities (revision of ANSI/ANS 15.11-2016)
Inquiries may be directed to Kathryn Murdoch; kmurdoch@ans.org

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 (800) 542-5040 www.scte.org

BSR/SCTE 122-202x, SCTE Recommended Optical Fiber Cable Types for Outside Plant Drop Applications (revision of ANSI/SCTE 122-2012)
Inquiries may be directed to Kim Cooney; kcooney@scte.org

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201 (703) 907-7706 www.tiaonline.org

BSR/TIA 102.AACA-B-202x, Project 25 - Digital Radio Over-The-Air-Rekeying (OTAR) Messages and Procedures (revision and redesignation of ANSI/TIA 102.AACA-A-2014)
Inquiries may be directed to Teesha Jenkins; standards-process@tiaonline.org

Withdrawal of an ANS by ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 (800) 542-5040 www.scte.org

ANSI/SCTE 122-2012, SCTE Recommended Optical Fiber Cable Types for Outside Plant Drop Applications
Questions may be directed to: Kim Cooney; kcooney@scte.org

Final Actions on American National Standards

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

AIAA (American Institute of Aeronautics and Astronautics)

12700 Sunrise Valley Drive, Suite 200, Reston, VA 20191-5807 (703) 264-7515 www.aiaa.org

New Standard

ANSI/AIAA S-153-2021, Human Spaceflight: Spacecraft Architecture and Systems Engineering Ontology (new standard) Final Action Date: 4/29/2021

CSA (CSA America Standards Inc.)

8501 E. Pleasant Valley Road, Cleveland, OH 44131 (216) 524-4990 www.csagroup.org

National Adoption

ANSI/CSA HGV 4.4-2021, Gaseous hydrogen - Fuelling stations: Valves (national adoption with modifications of ISO 19880-3:2018) Final Action Date: 4/29/2021

Reaffirmation

ANSI/CAN/CSA ISO 12617-2016 (R2016), Road vehicles - Liquified natural gas (LNG) refuelling connector - 3,1 MPa connector (reaffirm a national adoption ANSI/CSA 12617-2016) Final Action Date: 4/29/2021

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

18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448 (909) 519-0740 www.asse-plumbing.org

Revision

ANSI/ASSE 1030-2021, Performance Requirements for Positive Pressure Reduction Devices for Sanitary Drainage Systems (revision of ANSI/ASSE 1030-2016) Final Action Date: 4/27/2021

IICRC (The Institute of Inspection, Cleaning and Restoration Certification)

4043 South Eastern Avenue, Las Vegas, NV 89119 (702) 430-9829 https://www.iicrc.org

Revision

ANSI/IICRC S100-2021, Standard for Professional Cleaning of Textile Floor Coverings (revision of ANSI/IICRC S100-2015) Final Action Date: 4/29/2021

NEMA (ASC C137) (National Electrical Manufacturers Association)

1300 N 17th Street, Suite 900, Rosslyn, VA 22209 (703) 841-3262 www.nema.org

New Standard

ANSI/C137.6-2021, Lighting Systems - Data Tagging Vocabulary (Semantic Model Elements) for Interoperability (new standard) Final Action Date: 4/27/2021

NEMA (ASC C8) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Arlington, VA 22209 (571) 426-3226 www.nema.org

New Standard

ANSI NEMA WC 70/ICEA S-95-658-2021, Power Cables Rated 2000 Volts or Less for the Distribution of Electrical Energy (new standard) Final Action Date: 4/27/2021

Revision

ANSI ICEA S-120-742-2021, Hybrid Optical Fiber and Power Cable for Use in Limited Power Circuits (revision of ANSI/ICEA S-120-742-2016) Final Action Date: 4/27/2021

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 (734) 827-3817 www.nsf.org

Revision

ANSI/NSF 37-2021 (i9r1), Air Curtain for Entranceways for Food and Food Service Establishments (revision of ANSI/NSF 37-2017) Final Action Date: 4/25/2021

Revision

ANSI/NSF 456-2021a (i5r1), Vaccine Storage (revision of ANSI/NSF 456-2021) Final Action Date: 4/26/2021

Revision

ANSI/NSF 456-2021a (i6r1), Vaccine Storage (revision of ANSI/NSF 456-2021) Final Action Date: 4/26/2021

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062 (847) 664-1292 https://ul.org/

National Adoption

ANSI/UL 62986-2021, Standard for Safety for Plugs, Socket-Outlets and Couplers with Arcuate Contacts (national adoption with modifications of IEC 62986) Final Action Date: 4/22/2021

Revision

ANSI/UL 217-2021, Standard for Safety for Smoke Alarms (revision of ANSI/UL 217-2020) Final Action Date: 4/28/2021

Revision

ANSI/UL 746B-2021, Standard for Safety for Polymeric Materials - Long-Term Property Evaluations (revision of ANSI/UL 746B-2020) Final Action Date: 4/28/2021

Revision

ANSI/UL 2129-2021, Standard for Halocarbon Clean Agent Fire Extinguishers (revision of ANSI/UL 2129 -2017) Final Action Date: 4/27/2021

Call for Members (ANS Consensus Bodies)

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

AISC (American Institute of Steel Construction)

130 E. Randolph Street, Suite 2000, Chicago, IL 60601 (314) 601-5420 www.aisc.org
Margaret Matthew; matthew@aisc.org

BSR/AISC 358-202x, Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications (revision, redesignation and consolidation of ANSI/AISC 358-2016, ANSI/AISC 358-S1-2018, and ANSI/AISC 358-S2-2020)

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 (847) 768-3411 www.assp.org
Tim Fisher; TFisher@ASSP.org

BSR/ASSP/ISO 45003-202X, Occupational health and safety management - Psychological health and safety at work: Managing psychosocial risks - Guidelines (identical national adoption of ISO 45003 -2021)

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 (212) 244-1505 www.esta.org
Richard Nix; standards@esta.org

BSR ES1.6-202x, Event Safety - Communications (new standard)

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005 (917) 913-0027 www.ies.org
Patricia McGillicuddy; pmcgillicuddy@ies.org

BSR/IES RP-44-202x, Recommended Practice: Ultraviolet Germicidal Irradiation (UVGI) (new standard)

NASBLA (National Association of State Boating Law Administrators)

1648 McGrathiana Parkway, Suite 360, Lexington, KY 40511 (859) 225-9487 www.nasbla.org
Pamela Dillon; pam@nasbla.org

BSR/NASBLA 100-202x, Basic Boating Knowledge - Core (new standard)

BSR/NASBLA 101-202x, Basic Boating Knowledge - Plus Human-Propelled (revision of ANSI/NASBLA 101 -2017)

BSR/NASBLA 102-202x, Basic Boating Knowledge - Plus Sailing (revision of ANSI/NASBLA 102-2017)

BSR/NASBLA 103.1-202x , Supplement - Basic Boating Knowledge - Plus Water-Jet Propelled (revision of ANSI/NASBLA 103.1-2018)

BSR/NASBLA 103-202x, Basic Boating Knowledge - Plus Power (revision of ANSI/NASBLA 103-2016)

NEMA (ASC C8) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Arlington, VA 22209 (571) 426-3226 www.nema.org
Khaled Masri; Khaled.Masri@nema.org

BSR/NEMA HP 6-202x, Electrical and Electronic Silicone and Silicone-Braided Insulated, Hook-Up Wire, Types S (600 V), ZHS (600 V), SS (1000 V), ZHSS (1000 V), and SSB Braided (1000 V) (revision of ANSI/NEMA HP 6-2013)

BSR/NEMA WC 67-2015 (R202x), Standard for Uninsulated Conductors Used in Electrical and Electronic Applications (reaffirmation of ANSI/NEMA WC 67-2015)

NEMA (ASC C8) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Arlington, VA 22209 (571) 426-3226 www.nema.org

BSR/NEMA WC 55021-202x, Standard for Military Internal Electrical Cable (revision of ANSI/NEMA WC 55021-2013)

Call for Members (ANS Consensus Bodies)

ANSI Accredited Standards Developer

Compressed Gas Association (CGA)

CGA G-13 Interest categories sought

The **Compressed Gas Association, Inc. (CGA)** is working to complete the formation of the consensus body for the proposed American National Standard (ANS)

CGA G-13, *Storage and Handling of Silane and Silane Mixtures*

The purpose of this standard is to prescribe the controls for the installation of silane systems and the recommended methods for storage or transfer of silane or its mixtures from a source of supply to a point of use to provide protection against injury, loss of life, and property damage. This standard governs the installation of systems and sources that are used to store, transfer, or contain silane or silane mixtures. This standard includes guidance for siting, design of equipment, piping and controls, and the fabrication and installation of silane gas storage and closed-use systems. Additional guidance on operational steps associated with the use of silane and silane mixtures as well as fire protection, gas monitoring, ventilation, and related safeguards are provided.

This consensus body is currently seeking voting members in the following categories:
· Producers; and
· distributors/retailers.

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 affected 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 categories:
• Service Providers
• Users
• Standards Development Organizations and Consortia
• Academic Institutions

Call for Members (ANS Consensus Bodies)

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities. Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at www.scte.org or by e-mail from standards@scte.org.

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.

American National Standards (ANS) Announcements

Corrections

AWS - American Welding Society

Clarification on Final Action of ANSI/AWS J1.3/J1.3M-2020-AMD1

AWS - American Welding Society wishes to issue the following clarification and correction to the designation and project description for the August 28, 2020, Standards Action Final Action approval of:

ANSI/AWS J1.3/J1.3M-2020-AMD1

Specification for Materials Used in Resistance Welding Electrodes and Tooling
(revision and redesignation of ANSI/AWS J1.3M/J1.3-2020)

Please direct inquiries to: Mario Diaz; mdiaz@aws.org

Corrections

AWS - American Welding Society

Clarification on Final Action of ANSI/AWS D1.6/D1.6M-2017-AMD1

AWS - American Welding Society wishes to issue the following clarification and correction to the designation and project description for the February 26, Standards Action Final Action approval of:

ANSI/AWS D1.6/D1.6M-2017-AMD1

Structural Welding Code - Stainless Steel
(revision and redesignation of ANSI/AWS D1.6/D1.6M-2017)

Please direct inquiries to: Stephen Borrero; sborrero@aws.org

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

ASTM - ASTM International

Effective April 30, 2021

The reaccreditation of **ASTM International** has been approved at the direction of ANSI's Executive Standards Council, under its currently accredited regulations and recently revised ASTM International Supplemental Procedures for ASTM Standards Recognized by ANSI as American National Standards, effective **April 30, 2021**. For additional information, please contact: Jennifer Rodgers, General Manager, Technical Committee Operations, ASTM International (ASTM), 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (610) 832-9694 (jrodgers@astm.org).

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

LIA (ASC Z136) - Laser Institute of America - Safe Use of Lasers

Annual Meeting via Zoom: May 25, 2021 | 10am - 4pm EDT

The **LIA (ASC Z136) - Laser Institute of America - Safe Use of Lasers** announces the 2021 Standards Committee Annual Meeting. The Z136 Standards Committee for Safe Use of Lasers is holding its annual meeting via Zoom webconference to discuss progress on Z136 standards development activities and review membership. This meeting is for members of the Z136 Standards Committee and is also open to observers (non-members). Individuals and organizations having an interest in the Committee's work may attend meetings as observers. Observers may submit comments for consideration, but shall have no vote.

When: **May 25, 2021 | 10am - 4pm EDT**
Where: **Zoom.us**
Cost to Attend: Free
Contact Liliana Caldero (lcaldero@lia.org) to request the Zoom registration link or to ask questions about the meeting. Online registration is required in order to receive the Zoom event URL. A computer capable of running Zoom and a stable internet connection will be necessary for participation - a video camera is not required. Computer audio (microphone) will be used for live questions, and the 'raise hands' feature will be used to ask for the floor. The Zoom chat feature will be enabled for participants.

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 - PINS, BSR8|108, BSR11, Technical Report: https://www.ansi.org/portal/psawebforms/
- Information about standards Incorporated by Reference (IBR): https://ibr.ansi.org/
- ANSI - Education and Training: www.standardslearn.org

If you have a question about the ANS process and cannot find the answer, please email us at: psa@ansi.org . Please also visit Standards Boost Business at www.standardsboostbusiness.org for resources about why standards matter, testimonials, case studies, FAQs and more.

If you are interested in purchasing an American National Standard, please visit https://webstore.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)
- IES (Illuminating Engineering Society)
- ITI (InterNational Committee for Information Technology Standards)
- MHI (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NEMA (National Electrical Manufacturers Association)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- PRCA (Professional Ropes Course Association)
- RESNET (Residential Energy Services Network, Inc.)
- SAE (SAE International)
- TCNA (Tile Council of North America)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories)

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

ANSI-Accredited Standards Developers Contacts

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment 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 Standards Action Editor at standact@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. Standards Action readers interested in reviewing and commenting on these documents should order copies from ANSI.

COMMENTS

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

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

ORDERING INSTRUCTIONS

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

ISO Standards

AIR QUALITY (TC 146)

ISO/DIS 13137, Workplace atmospheres - Pumps for personal sampling of chemical and biological agents - Requirements and test methods - 7/15/2021, $93.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/FDIS 23886, Aerospace - Collar, threaded, self-locking - Test method for torque and preload - 11/11/2000, $40.00

ISO/FDIS 23887, Aerospace - Blind fasteners, threaded type, self-locking - Test method for locking torque - 11/11/2000, $33.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 18778, Respiratory equipment - Particular requirements for basic safety and essential performance of equipment for infant cardiorespiratory monitors - 11/5/2025, $125.00

ISO/FDIS 10079-4, Medical suction equipment - Part 4: General requirements - 11/2/2002, $102.00

ISO/FDIS 80601-2-90, Medical electrical equipment - Part 2-90: Particular requirements for basic safety and essential performance of respiratory high-flow therapy equipment - 11/11/2006, $155.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO/DIS 3951-1, Sampling procedures for inspection by variables - Part 1: Specification for single sampling plans indexed by acceptance quality limit (AQL) for lot-by-lot inspection for a single quality characteristic and a single AQL - 11/5/2029, $165.00

BIOTECHNOLOGY (TC 276)

ISO/DIS 20397-1, Biotechnology - General requirements for massively parallel sequencing - Part 1: Nucleic acid and library preparation - 11/5/2029, $67.00

CLINICAL LABORATORY TESTING AND IN VITRO DIAGNOSTIC TEST SYSTEMS (TC 212)

ISO/DIS 20776-2, Clinical laboratory testing and in vitro diagnostic test systems - Susceptibility testing of infectious agents and evaluation of performance of antimicrobial susceptibility test - Part 2: Evaluation of performance of antimicrobial susceptibility test devices against reference broth micro-dilution - 11/5/2029, $82.00

COALBED METHANE (CBM) (TC 263)

ISO/DIS 4657, Assessment specification of coalbed methane resources - 11/5/2026, $53.00

COPPER, LEAD AND ZINC ORES AND CONCENTRATES (TC 183)

ISO/FDIS 13546, Copper concentrates - Determination of mercury content - Cold vapour atomic absorption spectrometric method - 11/9/2020, $58.00

CORROSION OF METALS AND ALLOYS (TC 156)

ISO/FDIS 7539-9, Corrosion of metals and alloys - Stress corrosion testing - Part 9: Preparation and use of pre-cracked specimens for tests under rising load or rising displacement - 11/9/2027, $98.00

ERGONOMICS (TC 159)

ISO/DIS 9241-20, Ergonomics of human-system interaction - Part 20: An ergonomic approach to accessibility within the ISO 9241 series - 11/6/2027, $77.00

GEOTECHNICS (TC 182)

ISO/DIS 22476-1, Geotechnical investigation and testing - Field testing - Part 1: Electrical cone and piezocone penetration tests - 11/2/2025, $102.00

GOVERNANCE OF ORGANIZATIONS (TC 309)

ISO/FDIS 37002, Whistleblowing management systems - Guidelines - 11/8/2007, $98.00

MATERIALS, EQUIPMENT AND OFFSHORE STRUCTURES FOR PETROLEUM AND NATURAL GAS INDUSTRIES (TC 67)

ISO/DIS 3421, Petroleum and natural gas industries - Drilling and production equipment - Offshore conductor design, setting depth, and installation - 11/5/2025, $107.00

ISO/FDIS 15590-2, Petroleum and natural gas industries - Factory bends, fittings and flanges for pipeline transportation systems - Part 2: Fittings - 11/13/2003, $93.00

ISO/DIS 23936-1, Petroleum, petrochemical and natural gas industries - Non-metallic materials in contact with media related to oil and gas production - Part 1: Thermoplastics - 7/17/2021, $119.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/FDIS 15230-1, Mechanical vibration and shock - Coupling forces at the man-machine interface for hand-transmitted vibration - Part 1: Measurement and evaluation -, $88.00

ISO/FDIS 18436-1, Condition monitoring and diagnostics of machine systems - Requirements for certification of personnel - Part 1: Sector specific requirements for certification bodies and the certification process - 11/2/2008, $40.00

NUCLEAR ENERGY (TC 85)

ISO/FDIS 23468, Reactor technology - Power reactor analyses and measurements - Determination of heavy water isotopic purity by Fourier transform infrared spectroscopy - 11/8/2021, $77.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 21395-2, Optics and photonics - Test method for refractive index of optical glasses - Part 2: V-block Refractometer Method - 11/5/2029, $88.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 12312-3, Eye and face protection - Sunglasses and related eyewear - Part 3: Sunglasses for running, cycling and similar active lifestyles - 11/5/2026, $46.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/FDIS 12925-3, Lubricants, industrial oils and related products (Class L) - Family C (gears) - Part 3: Specifications for greases for enclosed and open gear systems - 11/12/2027, $53.00

PLAIN BEARINGS (TC 123)

ISO/FDIS 14287, Plain bearings - Pad materials for tilting pad bearings - 11/9/2023, $53.00

PLASTICS (TC 61)

ISO/FDIS 1043-4, Plastics - Symbols and abbreviated terms - Part 4: Flame retardants - 11/9/2002, $40.00

PROJECT, PROGRAMME AND PORTFOLIO MANAGEMENT (TC 258)

ISO/DIS 21503, Project, programme and portfolio management - Guidance on programme management - 7/18/2021, $71.00

ISO/DIS 21504, Project, programme and portfolio management - Guidance on portfolio management - 7/18/2021, $71.00

PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)

ISO/FDIS 5287, Belt drives - V-belts for the automotive industry - Fatigue test - 11/11/2004, $46.00

ROAD VEHICLES (TC 22)

ISO/DIS 21234, Heavy commercial vehicles and buses - Moment of inertia measurement - 11/5/2029, $71.00

ISO/DIS 24195, Road vehicles - Vocabulary for engineering of starting devices - 7/17/2021, $58.00

ISO/FDIS 22733-1, Road vehicles - Test method to evaluate the performance of autonomous emergency braking systems - Part 1: Car-to-car - 11/9/2024, $71.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 1817, Rubber, vulcanized or thermoplastic - Determination of the effect of liquids - 7/16/2021, $88.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 23668, Ships and marine technology - Marine environment protection - Continuous on-board pH monitoring method - 7/17/2021, $53.00

SPORTS AND RECREATIONAL EQUIPMENT (TC 83)

ISO/DIS 23659, Sports and recreational facilities - Trampoline parks - Safety requirements - 11/5/2025, $134.00

TECHNICAL DRAWINGS, PRODUCT DEFINITION AND RELATED DOCUMENTATION (TC 10)

ISO/FDIS 11540, Writing and marking instruments - Specification for caps to reduce the risk of asphyxiation -, $46.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO/DIS 704, Terminology work - Principles and methods - 7/16/2021, $155.00

TOURISM AND RELATED SERVICES (TC 228)

ISO/DIS 3021, Adventure tourism - Hiking and trekking activities - Requirements and recommendations - 11/5/2026, $98.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO/FDIS 23962, Traditional Chinese Medicine - Processed Aconitum carmichaelii lateral root - 11/9/2006, $67.00

ISO/DIS 23958-1, Traditional Chinese Medicine - Dermal needle for single use - Part 1: Tapping type - 11/5/2029, $53.00

VULNERABLE CONSUMERS (TC 311)

ISO/DIS 22458, Consumer vulnerability - Requirements and guidelines for the design and delivery of inclusive service - 11/5/2029, $98.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 24714, Biometrics - Cross-Jurisdictional and Societal Aspects of Biometrics - General Guidance - 7/18/2021, $98.00

ISO/IEC/IEEE FDIS 8802-1AS, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Part 1AS: Timing and synchronization for time-sensitive applications in bridged local area networks - 7/18/2021, $269.00

IEC Standards

4/410/NP, PNW TS 4-410 ED1: Technical Specification for Black Start of Hydropower Plant, 05/28/2021

7/705/CDV, IEC 62641 ED1: Conductors for overhead lines - Aluminium and aluminium alloy wires for concentric lay stranded conductors, 07/23/2021

7/706/CDV, IEC 63248 ED1: Conductors for overhead lines - Coated or cladded metallic wire for concentric lay stranded conductors, 07/23/2021

9/2719/CD, IEC 62973-5 ED1: Railway applications - Rolling stock - Batteries for auxiliary power supply systems - Part 5: Lithium-ion batteries, 07/23/2021

20/1957/CDV, IEC 60230/AMD1 ED2: Amendment 1 - Impulse tests on cables and their accessories, 07/23/2021

23/973(F)/FDIS, IEC 63044-4 ED1: Home and building electronic systems (HBES) and building automation and control systems (BACS) - Part 4: General functional safety requirements for products intended to be integrated in HBES and BACS, 05/14/2021

25/715/CD, IEC 80000-15 ED1: Quantities and units - Part 15: Logarithmic and related quantities, and their units, 07/23/2021

26/724(F)/FDIS, IEC 60974-1 ED6: Arc welding equipment - Part 1: Welding power sources, 05/14/2021

29/1076/CDV, IEC 60318-8 ED1: Electroacoustics - Simulators of human head and ear - Part 8: Acoustic coupler for high-frequency measurements of hearing aids and earphones coupled to the ear by means of ear inserts, 07/23/2021

32C/596/CDV, IEC 60127-6 ED3: Miniature fuses - Part 6: Fuse-holders for miniature fuse-links, 07/23/2021

34/821/NP, PNW 34-821 ED1: LED packages of horticultural lighting - Part 1: Specification sheet, 07/23/2021

34/822/NP, PNW 34-822 ED1: LED packages for horticultural lighting - Part 2: Characterization method, 07/23/2021

40/2834(F)/FDIS, IEC 60938-1 ED3: Fixed inductors for electromagnetic interference suppression - Part 1: Generic specification, 05/14/2021

40/2840/CD, IEC 60384-1-1 ED1: Fixed capacitors for use in electronic equipment - Part 1-1: Generic blank detail specification, 07/23/2021

40/2841/CD, IEC 60384-23 ED3: Fixed capacitors for use in electronic equipment - Part 23: Sectional specification - Fixed metallized polyethylene naphthalate film dielectric surface mount DC capacitors, 07/23/2021

40/2843/DTR, IEC TR 60286-3-3 ED1: Packaging of components for automatic handling - Part 3-3: Packaging of surface mount components on continuous paper tapes for Auto Loading Feeder, 06/25/2021

40/2844/DTR, IEC TR 60286-3-4 ED1: Packaging of components for automatic handling - Part 3-4: Packaging of surface mount components on continuous embossed tapes for Auto Loading Feeder, 06/25/2021

40/2845/CD, IEC 60286-3 ED7: Packaging of components for automatic handling - Part 3: Packaging of surface mount components on continuous tapes, 07/23/2021

46/812/FDIS, IEC 62153-4-7 ED3: Metallic cables and other passive components test methods - Part 4-7: Electromagnetic compatibility (EMC) -Test method for measuring of transfer impedance ZT and screening attenuation aS or coupling attenuation aC of connectors and assemblies - Triaxial tube in tube method, 06/11/2021

46A/1472/CDV, IEC 61196-1-200 ED3: Coaxial communication cables - Part 1-200: Environmental test methods - General requirements, 07/23/2021

46A/1473/CDV, IEC 61196-1-100 ED3: Coaxial communication cables - Part 1-100: Electrical test methods - General requirements, 07/23/2021

46A/1488/CD, IEC 61196-1-124 ED1: Coaxial Communication Cables - Part 1-124: Electrical test methods - Test for coupling loss of radiating cable, 07/23/2021

46C/1188/CD, IEC 62783-1 ED2: Twinax cables for digital communications - Part 1: Generic specification, 07/23/2021

46F/568/NP, PNW TS 46F-568 ED1: Technical specification of electrical tests for radio frequency connectors - Part 52: Uncertainty specification of frequency domain test for insertion loss, 07/23/2021

46F/569/NP, PNW 46F-569 ED1: Radio-frequency connectors - Part 1-X: Electrical test methods - Surge withstand - Surge protective devices built-in coaxial connector - Performance requirements and testing methods, 07/23/2021

47F/376(F)/FDIS, IEC 62047-41 ED1: Semiconductor devices - Micro-electromechanical devices - Part 41: RF MEMS circulators and isolators, 05/14/2021

57/2368/CDV, IEC 61970-301/AMD1 ED7: Amendment 1 - Energy management system application program interface (EMS-API) - Part 301: Common information model (CIM) base, 07/23/2021

59/768/CD, IEC 60704-2-19 ED1: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-19: Particular requirements for air cleaners, 07/23/2021

62D/1852/FDIS, ISO 80601-2-90 ED1: Medical electrical equipment - Part 2-90: Particular requirements for basic safety and essential performance of respiratory high-flow therapy equipment, 06/11/2021

62D/1857/CD, IEC 60601-2-83/AMD1 ED1: Amendment 1 - Medical electrical equipment - Part 2-83: Particular requirements for the basic safety and essential performance of home light therapy equipment, 06/25/2021

64/2487A/NP, PNW 64-2487 ED1: Low-voltage electrical installations - Part 7-724: Requirements for special installations or locations - Power supply system that can operate utilizing DC technology in a time of disaster, 07/23/2021

64/2490/NP, PNW 64-2490 ED1: Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection against power frequency overvoltages, 07/23/2021

64/2492/CD, IEC 60364-4-42 ED4: Low-voltage electrical installations - Part 4-42: Protection for safety - Protection against thermal effects, 07/23/2021

68/685/CDV, IEC 60404-17 ED1: Magnetic materials - Part 17: Methods of measurement of the magnetostriction characteristics of grain-oriented electrical steel strip and sheet by means of a single sheet tester and an optical sensor, 07/23/2021

77A/1100/DC, Amendment to IEC 61000-6-3, 06/11/2021

85/770(F)/FDIS, IEC 62586-2/AMD1 ED2: Power quality measurement in power supply systems - Part 2: Functional tests and uncertainty requirements, 05/14/2021

85/779/CD, IEC 61557-14 ED2: Electrical safety in low-voltage distribution systems up to 1 000 V a.c and 1 500 V d.c - Equipment for testing, measuring or monitoring of protective measures - Part 14: Equipment for testing the safety of electrical equipment for machinery, 07/23/2021

86A/2105/CD, IEC 60794-1-305 ED1: Optical fibre cables - Part 1 -305: Generic specifications - Basic optical cable test procedures - Cable element test methods - Ribbon tear (separability), Method G5, 07/23/2021

86A/2106/CD, IEC 60793-1-1 ED5: Optical fibres - Part 1-1: Measurement methods and test procedures - General and guidance, 07/23/2021

96/507/CDV, IEC 61558-2-14 ED2: Safety of transformers, reactors, power supply units and combinations thereof - Part 2-14: Particular requirements and tests for variable transformers and power supply units incorporating variable transformers for general applications, 07/23/2021

96/508/CDV, IEC 61558-2-15 ED3: Safety of transformers, reactors, power supply units and combinations thereof - Part 2-15: Particular requirements and tests for isolating transformers for medical IT systems for the supply of medical locations, 07/23/2021

111/620/FDIS, IEC 62321-9 ED1: Determination of certain substances in electrotechnical products - Part 9: Hexabromocyclododecane in polymers by chromatography-mass spectrometry (GC-MS), 06/11/2021

112/530/CD, IEC 62631-3-12 ED1: Dielectric and resistive properties of solid insulating materials - Part 3-12: Determination of resistive properties (DC Methods) - Volume resistance and volume resistivity, method for casting resins, 07/23/2021

113/595/CD, IEC TS 62607-6-7 ED1: Nanomanufacturing - Key control characteristics - Part 6-7: Graphene based material - Sheet resistance: van der Pauw method, 07/23/2021

113/596/CD, IEC TS 62607-6-8 ED1: Nanomanufacturing - Key control characteristics - Part 6-8: Graphene based material - Sheet resistance: In-line four-point probe, 07/23/2021

113/597/NP, PNW TS 113-597 ED1: Nanomanufacturing - Reliability and durability assessment - Part 3-2: Graphene - Ellipsometry measurement of Graphene, 07/23/2021

113/598/NP, PNW 113-598 ED1: IEC TS 62607-6-17: Nanomanufacturing - Key control characteristics - Part 6-17: Graphene-based materials and common carbon material - Order parameter: XRD and TE, 07/23/2021

115/265/CD, IEC TR 63065/AMD1 ED1: Amendment 1 - Guidelines for operation and maintenance of line commutated converter (LCC) HVDC converter station, 07/23/2021

116/499/CDV, IEC 62841-4-2/AMD1 ED1: Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-2: Particular requirements for hedge trimmers, 07/23/2021

120/230/CD, IEC 62933-1 ED2: Electrical energy storage (EES) systems - Part 1: Vocabulary, 07/23/2021

120/231/DTR, IEC TR 62933-2-200 ED1: Case study of EES Systems located in EV charging station with PV, 06/25/2021

121B/135/CD, IEC 62208 ED3: Empty enclosures for low-voltage switchgear and controlgear assemblies - General requirements, 06/25/2021

CIS/A/1339/DC, CISPR 16-1-6: Edition 1.1 2017-01 Update Figure C.10 and Table C.3, 06/11/2021

CIS/H/428/DC, Amendment to IEC 61000-6-3, 06/11/2021

JTC1-SC25/3022/CD, ISO/IEC 24383 ED1: Information technology - Physical network security for the accommodation of customer premises cabling infrastructure and information technology equipment, 06/25/2021

JTC1-SC41/220A/DTR, ISO/IEC TR 30176 ED1: Internet of Things (ioT) - Integration of IoT and DLT/Blockchain: Use Cases, 06/25/2021

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

BUILDING CONSTRUCTION (TC 59)

ISO 24070-1:2021, Building and civil engineering sealants - Determination of cured thickness of one-component sealant - Part 1: Taper-shaped groove test method, $48.00

ISO 24070-2:2021, Building and civil engineering sealants - Determination of cured thickness of one-component sealant - Part 2: Cylindrical cup test method, $48.00

COLLABORATIVE BUSINESS RELATIONSHIP MANAGEMENT -- FRAMEWORK (TC 286)

ISO 44003:2021, Collaborative business relationship management - Guidelines for micro, small and medium-sized enterprises on the implementation of the fundamental principles, $111.00

DENTISTRY (TC 106)

ISO 23445:2021, Dentistry - Tissue punches, $48.00

FINE CERAMICS (TC 206)

ISO 23738:2021, Fine ceramics (advanced ceramics, advanced technical ceramics) - Measurement method of spectral reflectance of fine ceramic thin films under humid conditions, $111.00

LEATHER (TC 120)

ISO 14931:2021, Leather - Leather for apparel (excluding furs) - Specifications and sampling procedures, $48.00

PLAIN BEARINGS (TC 123)

ISO 7905-1:2021, Plain bearings - Bearing fatigue - Part 1: Plain bearings in test rigs and in applications under conditions of hydrodynamic lubrication, $111.00

PLASTICS (TC 61)

ISO 17088:2021, Plastics - Organic recycling - Specifications for compostable plastics, $149.00

PLASTICS PIPES, FITTINGS AND VALVES FOR THE TRANSPORT OF FLUIDS (TC 138)

ISO 7432:2021, Glass-reinforced thermosetting plastics (GRP) pipes and fittings - Test methods to prove the design of locked socket-and-spigot joints, including double-socket joints, with elastomeric seals, $111.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 1402:2021, Rubber and plastics hoses and hose assemblies - Hydrostatic testing, $73.00

ISO Technical Reports

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/TR 20590:2021, Space systems - Space debris mitigation design and operation manual for launch vehicle orbital stages, $175.00

ISO Technical Specifications

HEALTH INFORMATICS (TC 215)

ISO/TS 22077-5:2021, Health informatics - Medical waveform format - Part 5: Neurophysiological signals, $175.00

HUMAN RESOURCE MANAGEMENT (TC 260)

ISO/TS 30430:2021, Human resource management - Recruitment metrics cluster, $73.00

IEC Standards

ELECTRICAL ACCESSORIES (TC 23)

IEC 63044-1 Ed. 1.1 en:2021, Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 1: General requirements, $101.00

IEC 63044-1 Amd.1 Ed. 1.0 en:2021, Amendment 1 - Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 1: General requirements, $25.00

IEC 63044-3 Amd.1 Ed. 1.0 en:2021, Amendment 1 - Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 3: Electrical safety requirements, $25.00

IEC 63044-3 Ed. 1.1 en:2021, Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 3: Electrical safety requirements, $190.00

ELECTRICAL INSTALLATIONS OF BUILDINGS (TC 64)

IEC 60364-7-710 Ed. 2.0 b:2021, Low-voltage electrical installations - Part 7-710: Requirements for special installations or locations - Medical locations, $310.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC 61784-3-3 Ed. 4.0 b:2021, Industrial communication networks - Profiles - Part 3-3: Functional safety fieldbuses - Additional specifications for CPF 3, $430.00

IEC 61784-5-3 Ed. 4.0 b:2018, Industrial communication networks - Profiles - Part 5-3: Installation of fieldbuses - Installation profiles for CPF 3, $417.00

IEC 61158-6-10 Ed. 4.0 b:2019, Industrial communication networks - Fieldbus specifications - Part 6-10: Application layer protocol specification - Type 10 elements, $443.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

IEC 63327 Ed. 1.0 b:2021, Automatic floor treatment machines for commercial use - Particular requirements, $259.00

International Organization for Standardization (ISO)

ISO New Work Item Proposal

Guidance for Advertising and Marketing Affecting Children

Comment Deadline: June 11, 2021

JISC, the ISO member body for Japan, has submitted to ISO a new work item proposal for the development of an ISO standard on Guidance for Advertising and Marketing Affecting Children, with the following scope statement:

The proposed standard will provide principles and best practice guidelines for advertising and marketing to protect children at different ages and stages of development from harm and to promote their healthy physical and psychological growth. It is proposed to include a variety of media such as television, publications, social media and other digital platforms (podcasts, YouTube), embedded advertising into television shows, movies and games that have a direct impact on children globally including. It is also proposed to include 'influencers' (i.e. children being the influencers and getting paid to advertise on social media).

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, June 11, 2021.

ISO New Work Item Proposal

Guidelines for Evaluating Standardization Benefits for Organizations

Comment Deadline: June 4, 2021

SAC, the ISO member body for China, has submitted to ISO a new work item proposal for the development of an ISO standard on Guidelines for Evaluating Standardization Benefits for Organizations, with the following scope statement:

This document provides guidance for organizations to understand and apply the evaluation principles, methods and procedures of economic and social benefits of standardization. This document is generally useful for organizations to measure the benefits of standardization and improve their own standardization inputs.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, June 4, 2021.

ISO New Work Item Proposal

ISO Standard on Online Game Terminology

Comment Deadline: May 28, 2021

SAC, the ISO member body for China, has submitted to ISO a new work item proposal for the development of an ISO standard on ISO standard on Online Game Terminology, with the following scope statement:

This proposal specifies the definition of terms used in game research and development, operation, management, copyright, eSports, derivative production and sales.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on **Friday, May 28, 2021**.

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Deoxidizers and Desiccants

Comment Deadline: May 7, 2021

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

Standardization in the field of deoxidizers and desiccants, including terminology, categories, specifications, control and management of production processes, and testing methods of the quality and safety indexes.

Excluded:
1. Requirements of the outer package of products covered by ISO/TC122

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, May 7, 2021.

ISO Proposal for a New Field of ISO Technical Activity

District Energy System

Comment Deadline: June 4, 2021

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

Standardization of planning, operation, maintenance, optimization and application of the integrated district energy system with multiple energy carriers.

Excluding: specific energy (electricity or non-electricity) technologies, information technologies or control technologies within the scope of other ISO or IEC/TCs.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, June 4, 2021.

International Organization for Standardization (ISO)

New Secretariats

ISO/TC 192 - Gas Turbines

Comment Deadline: May 14, 2021

Siemens Energy has requested ANSI to delegate the responsibilities of the administration of the ISO/TC 192 secretariat to Siemens Energy. The secretariat was previously held by Siemens USA and the secretariat transfer is supported by the U.S. TAG.

ISO/TC 192 operates under the following scope:

Standardization in the field of all aspects of gas turbine design, application, installation, operation and maintenance, including simple turbine cycles, combined cycle systems, definitions, procurement, acceptance, performance, environment (on the gas turbine itself and the external environment) and methods of test. ISO/TC 192 is responsible for preparing horizontal standards for all types of gas turbines. Work on aero gas turbine engines shall be undertaken in liaison with those technique committees having the primary responsibility.

Note: ISO/TC 20 has the primary responsibility of preparing standards relative to the specific application of gas turbines to aerospace.

Organizations wishing to comment on the delegation of the responsibilities should contact ANSI's ISO Team (isot@ansi.org).

Registration of Organization Names in the United States

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

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

BSR/UL 746C, Standard for Safety for Polymeric Materials – Use in Electrical Equipment Evaluations

1. Clarification of Diagnostic Test Methods as Mentioned in Table 25.1

Table 25.1

Minimum property retention limitations after ultraviolet light and water immersion conditioning

Property	Ultra-violet light[a]	Water immersion[b]
Flammability Classification	Unchanged	Unchanged
Tensile or Flexural Strength[c, e]	70 Percent	50 Percent
Tensile, Izod or Charpy Impact[c, e]	70 Percent	50 Percent
Tensile Strength and Elongation[d, e]	70 Percent	50 Percent

[a] 1000 hours xenon-arc exposure. See 57.1.1 – 57.2.1.

[b] 7 days at 70°C. See 58.1.

[c] For functional support, the test methods are tensile strength and flexural strength. For Impact Resistance the test methods are Tensile, Izod, or Charpy impact. See Table 57.1.

[d] Alternate testing per 25.3 and 26.1.3 for deformation resistance, the test method is tensile strength and elongation.

[e] The same test method shall be chosen for both UV and Water exposure evaluations and for all colors evaluated.

UL 859

BSR/UL 859, Standard for Safety for Household Electric Personal Grooming Appliances

1. Addition of Cord Tag Evaluated to UL 969A

PROPOSAL

58 Test for Permanence of Cord Tag for Hand-Supported, Hair-Drying Appliances

58.1 General

58.1.1 To determine compliance with 72.4.2 and 72.4.4, representative samples that have been subjected to the tests described in 58.2.2 - 58.3.1 shall meet the following requirements:

a) The tag shall resist tearing for longer than 1/16 inch (1.6 mm) at any point;

b) The tag shall not separate from the power supply cord;

c) The tag shall not slip or move along the length of the power supply cord more than 1/2 inch (12.7 mm);

d) There shall be no permanent shrinkage, deformation, cracking, or any other condition that will render the marking on the tag illegible; and

e) Overlamination shall remain in place and shall not be torn or otherwise damaged. The printing shall remain legible.

Exception: A cord tag that complies with the applicable requirements in the Standard for Marking and Labeling Systems - Flag Labels, Flag Tags, Wrap-Around Labels and Related Products, UL 969A, under the intended cord surfaces, temperature, specific environmental conditions and limited slippage rating, is not required to comply with this requirement .

~~**63 Label Adhesion Test**~~

~~63.1 To determine if a pressure-sensitive label or a label secured by cement or adhesive meets the requirements for its intended use, representative samples that have been subjected to the tests specified in 63.2 - 63.7 shall meet all of the following conditions:~~

~~a) Each label shall demonstrate strong adhesion and the edges shall not be curled,~~

~~b) The label shall resist defacement or removal as demonstrated by scraping across the test panel with a flat metal blade 1/32 inch (0.8 mm) thick held at a right angle to the test panel, and~~

c) The printing shall be legible and shall not be defaced by rubbing with thumb or finger pressure.

63.2 For each of the types of conditioning specified in 63.3 – 63.7, three samples of a label are to be applied to the same test surface used in the intended application. The labels are to be applied to the test surface no less than 24 hours prior to testing.

63.3 Three samples of the labels are to be investigated as received.

63.4 Investigation of samples at the end of each test as indicated in 63.5 – 63.7 is to be made:

a) Immediately following removal from each test medium and

b) After exposure to room temperature for 24 hours following removal from each test medium.

63.5 Three samples of the labels under test are to be placed in a full-draft circulating-air oven maintained at the temperature indicated in Table 63.1 for 240 hours.

Table 63.1

Oven temperature

Maximum operating temperature of surface of applied label		Air-oven test temperature	
°C	(°F)	°C	(°F)
60	(140)	87	(189)
80	(176)	105	(221)
100	(212)	121	(250)
125	(257)	150	(302)
150	(302)	180	(356)

63.6 Three samples of the labels under test are to be immersed in water at a temperature of 23.0 ± 2.0°C (73.4 ±3.6 °F) for 48 hours.

Exception: in place of the immersion test, labels intended for use on clean, dry equipment may be suspended for 72 hours in a humidity cabinet at 32 ±2°C (89.6 ±3.6 °F) with an 85 ±5 percent relative humidity.

63.7 If the labels are exposed to unusual conditions in service, such as exposure to medicant, detergents, oil, or other substances, three additional samples are to be conditioned as follows. The samples are to be immersed in a solution representative of service use, maintained at 23.0 ± 2.0°C (73.4 ±3.6 °F) for 48 hours. For exposure to detergents, the solution is to consist of a mixture of 25 grams of a commercial detergent per liter of water.

72.1.4 A marking shall be:

a) Paint-stenciled, die-stamped, molded, or indelibly stamped;

b) In the form of pressure-sensitive labels; or

c) In a form that has been determined to be the equivalent.

A pressure-sensitive label, ~~if used~~ that is required to be permanent, shall comply with ~~the requirements in the Label Adhesion Test, Section 63.~~ the applicable requirements in the Standard for Marking and Labeling Systems, UL 969, under the intended application surface, temperature and environmental conditions.

72.4.2 An appliance of the type described in 72.4.1 shall be provided with a tag that is permanently attached to the power supply cord. ~~The tag material and means of attachment to the power supply cord shall be judged under the requirements specified in the Test for Permanence of Cord Tag for Hand-Supported Hair-Drying Appliances, Section 58.~~ The tag shall contain the following warning instructions.

KEEP AWAY FROM WATER

DANGER -

AS WITH MOST ELECTRICAL APPLIANCES, ELECTRICAL PARTS IN THIS DRYER ARE ELECTRICALLY LIVE EVEN WHEN THE SWITCH IS OFF:

TO REDUCE RISK OF DEATH BY ELECTRIC SHOCK:

a) ALWAYS "UNPLUG IT" AFTER USE.

b) DO NOT PLACE OR STORE WHERE DRYER CAN FALL OR BE PULLED INTO TUB, TOILET, OR SINK.

c) DO NOT USE WHILE BATHING.

d) DO NOT USE NEAR OR PLACE IN WATER.

e) IF DRYER FALLS INTO WATER, UNPLUG IMMEDIATELY. DO NOT REACH INTO WATER.

The word "DANGER" in the above warning and the heading "KEEP AWAY FROM WATER" shall be in red letters at least 3/16 inch (4.8 mm) in height. All other letters on the tag shall be black and shall be no less than 1/16 inch (1.6 mm) in height. All lettering shall be in block letters.

72.4.4 The warning tag in 72.4.2-74.2.3 shall be permanently affixed to the power supply cord, no more than 6 inches (152.4 mm) from the attachment plug and shall be made of substantial material (cardboard, cloth, plastic, or the equivalent) to provide mechanical strength and to prevent easy removal. All exposed surfaces shall have a clear plastic overlay, or the equivalent, to protect the markings. The tag shall comply

with the requirements specified in the Test for Permanence of Cord Tag for Hand-Supported Hair-Drying Appliances, Section 58. The tag shall be either of the following forms:

a) A flag-type tag having a hole to permit securement to the power supply cord by a plastic strap or equivalent means. The strap shall not be removable without cutting.

b) A flag-type tag with an adhesive back. The tag is to be wrapped tightly once around and is to adhere to the power supply cord. The ends of the tag are to adhere to each other and project as a flag. The required markings are to be positioned on the projecting flag portion of the tag.

72.5.2 A permanently-installed wall-mounted hair dryer shall be provided with a marking that is readily visible after installation on:

a) The wall unit,

b) The hand unit, or

c) A tag that is permanently attached to the cord of the hand unit. ~~The tag material and means of attachment to the hand unit shall be evaluated under the requirements specified in the Test for Permanence of Cord Tag for Hand-Supported Hair-Drying Appliances, Section 58.~~

The marking shall contain the following warning instructions.

KEEP AWAY FROM WATER

DANGER -

AS WITH MOST ELECTRICAL APPLIANCES, ELECTRICAL PARTS IN THIS DRYER ARE ELECTRICALLY LIVE EVEN WHEN THE SWITCH IS OFF.

TO REDUCE RISK OF DEATH BY ELECTRIC SHOCK:

a) DO NOT PLACE OR STORE WHERE HAND UNIT CAN FALL OR BE PULLED INTO TUB, TOILET, OR SINK.

b) DO NOT USE WHILE BATHING.

c) DO NOT USE NEAR OR PLACE IN WATER.

d) IF HAND UNIT FALLS INTO WATER, TURN UNIT OFF IMMEDIATELY. DO NOT REACH INTO WATER.

The word "DANGER" in the above warning and the heading "KEEP AWAY FROM WATER" shall be in red letters at least 3/16 inch (4.8 mm) in height. All other letters on the tag shall be black and shall be no less than 1/16 inch (1.6 mm) in height. All lettering shall be in block letters.

72.5.4 The warning tag in 72.5.2-72.5.3 shall be permanently affixed to the cord of the hand unit, no more than 6 inches (152.4 mm) from the wall unit and shall be made of substantial material (cardboard, cloth, plastic, or the equivalent) to provide mechanical strength and to prevent easy removal. All exposed surfaces shall have a clear plastic overlay, or the equivalent, to protect the markings. The tag shall comply with the requirements specified in the Test for Permanence of Cord Tag for Hand-Supported Hair-Drying Appliances, Section 58. The tag shall be either of the following forms:

a) A flag-type tag having a hole to permit securement to the cord of the hand unit by a plastic strap or equivalent means. The strap shall not be removable without cutting.

b) A flag-type tag with an adhesive back. The tag is to be wrapped tightly once around and is to adhere to the cord of the hand unit. The ends of the tag are to adhere to each other and to project as a flag. The required markings are to be

positioned on the projecting flag portion of the tag.

2. *Proposed Revision to Replace the Reference to the Standard For Power Conversion Equipment, UL 508C, With Reference to the Standard For Adjustable Speed Electric Power Drive Systems, UL 61800-5-1*

28.3.7 Electronically protected motor circuits shall comply with one of the following:

a) The Standard for Tests for Safety-Related Controls Employing Solid-State Devices, UL 991. When the protective electronic circuit is relying upon software as a protective component, it shall comply with the requirements in the Standard for Software in Programmable Components, UL 1998. If software is relied upon to perform a safety function, it shall be considered software Class 1;

b) The Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, UL 60730-1. If software is relied upon to perform a safety function, it shall be considered software Class B; or

c) The ~~Standard for Power Conversion Equipment, UL 508C~~ Standard for Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy, UL 61800-5-1.

BSR/UL 1275, Standard for Safety for *Flammable Liquid Storage Cabinets*

1. *Joint Standard for Safety for Flammable Liquid Storage Cabinets, UL/ULC 1275*

MARKING

12 General

12.3 Each storage cabinet shall be marked:

In the USA: "FLAMMABLE - KEEP FIRE AWAY".

In Canada: "FLAMMABLE - KEEP FIRE AWAY" and << INFLAMMABLE - GARDER LOIN DE FEU>>.

"FLAMMABLE" and << INFLAMMABLE >> shall be in letters not less than 2 in (51 mm) high, and "KEEP FIRE AWAY" and << GARDER LOIN DE FEU >> shall be in letters not less than ~~5/8 in (16 mm)~~ 1 in (25.4 mm) high. The text shall be in a color contrasting to the background.

BSR/UL 1277, Standard for Safety for Standard for Electrical Power and Control Tray Cables with Optional Optical-Fiber Members

PROPOSAL(S)

Table 12.1
Overall jacket

Jacket material[a]	Table of applicable physical properties of UL 1581[a]							
	200°C (392°F) dry cables	150°C (302°F) dry cables	125°C (257°F) dry cables	90°C (194°F) wet or dry cables; 90°C (194°F) dry cables; 90°C (194°F) dry, and 75°C (167°F) wet cables		75°C (167°F) dry cables and 75°C (167°F) wet or dry cables		60°C (140°F) dry cables and 60°C (140°F) wet or dry cables
	Required 200°C (392°F) jacket	Required 150°C (302°F) jacket	Required 125°C (257°F) jacket	Optional 90°C (194°F) jacket	Required 75°C (167°F) jacket	Optional 75°C (167°F) jacket	Required 60°C (140°F) jacket	Required 60°C (140°F) jacket
CP	–	–	–	50.1	50.1	50.1	50.10	50.10
Thermoplastic CPE	–	–	–	50.28	50.28	50.28	50.28	50.28
Thermoset CPE	–	–	–	50.29	50.30	50.30	50.30	50.30
ETFE	–	–	50.63	50.63	50.63	50.63	50.63	50.63
FEP	50.70	50.70	50.70	50.70	50.70	50.70	50.70	50.70
NBR/PVC	–	–	–	50.83	50.80	50.80	50.96	50.96
Neoprene	–	–	–	50.124	50.123	50.123	50.122	50.122
PFA	50.137	50.137	50.137	50.137	50.137	50.137	50.137	50.137
PVC	–	–	–	50.182	50.182	50.182 a	50.182	50.182
PVDF	–	50.185	50.185	50.185	50.185	50.185	50.185	50.185
LDFRPE and HDFRPE	–	–	–	50.134	50.133	50.133	50.133	50.133

Jacket material[a]	Table of applicable physical properties of UL 1581[a]							
	200°C (392°F) dry cables	150°C (302°F) dry cables	125°C (257°F) dry cables	90°C (194°F) wet or dry cables; 90°C (194°F) dry cables; 90°C (194°F) dry, and 75°C (167°F) wet cables		75°C (167°F) dry cables and 75°C (167°F) wet or dry cables		60°C (140°F) dry cables and 60°C (140°F) wet or dry cables
	Required 200°C (392°F) jacket	Required 150°C (302°F) jacket	Required 125°C (257°F) jacket	Optional 90°C (194°F) jacket	Required 75°C (167°F) jacket	Optional 75°C (167°F) jacket	Required 60°C (140°F) jacket	Required 60°C (140°F) jacket
TPE	–	–	–	50.224	50.224	50.224	50.224	50.224
TPU	–	–	–	50.227.1	50.227.1	50.227	50.227	50.227
XL	–	–	–	50.231	50.231	50.231	50.230	50.230
EVA	–	–	–	50.247	50.246	50.246	50.246	50.246

a See Table 12.2 for oil resistance requirements.

21 Deformation Test of Overall Thermoplastic or XL Jacket

21.1 Specimens of a thermoplastic or XL overall jacket taken from the finished cable shall not decrease more in thickness than the percentage indicated for the jacket material in Table 21.1 under the load indicated in Table 21.1 while being maintained at a temperature of 100.0 ±1.0°C (212.0 ±1.8°F) for HDFRPE, ~~and~~ LDFRPE, and EVA, 150.0 ±1.0°C (302.0 ±1.8°F) for TPE, and 121.0 ±1.0°C (249.8 ±1.8°F) for all other materials. The test is to be made as described under Deformation in the test, Dry temperature rating of new materials (long-term aging test), in UL 2556.

Table 21.1
Load and decrease in thickness for deformation test

Jacket material	Maximum decrease in thickness in percent	Load exerted on specimen by presser foot	
		gf	N
Thermoplastic CPE	25	2000	19.61
ETFE	25	4000	39.23
FEP	25	4000	39.23
HDFRPE, LDFRPE	50	2000	19.61
PVC	50	2000	19.61
TPE	50	2000	19.61
XL	15	2000	19.61
EVA	50	2000	19.61

22 Heat Shock Test of Overall Thermoplastic Jacket

22.1 An overall jacket of thermoplastic CPE, ETFE, FEP, PFA, PVC, PVDF, LDFRPE, HDFRPE, TPE, ~~or~~ TPU, or EVA shall not show any cracks either on the surface or internally after a specimen of the complete, finished cable is wound around a mandrel and is then subjected for 1 h to the temperature indicated in Table 22.1. The test is to be made as described in 22.2.

Table 22.1
Air temperature for heat shock test

Jacket material	Forced air-circulating oven temperature
CPE, PVC, TPU, HDFRPE, LDFRPE, EVA	121.0 ±1.0°C (249.8 ±1.8°F)
TPE	150.0 ±1.0°C (302.0 ±1.8°F)
ETFE	180.0 ±1.0°C (365.0 ±1.8°F)
FEP, PFA, PVDF	250.0 ±1.8°C (482.0 ±1.8°F)

BSR/UL 1640, Standard for Safety for Portable Power-Distribution Equipment

1. Revision of Criteria for the Use of "100 Percent Rated" Circuit Breakers in Paragraph 15.2.1

15.2.1 Circuit breakers shall not be operated continuously at 100 percent of their marked ampere rating unless the breaker and the portable power-distribution equipment ~~has~~ have been evaluated and determined to be suitable for the purpose.

Exception: This requirement does not apply to circuit breakers operated at 100 percent of their marked rating continuously where the ~~power-distribution equipment has been evaluated in accordance with and complies with the Temperature Test, Section 20~~ circuit breaker is rated for continuous use and the size of the current carrying parts are sized in accordance with 7.2.2 for 100 percent rated devices.

UL 4200A

BSR/UL 4200A, Standard for Safety for *Products Incorporating Button or Coin Cell Batteries of Lithium Technologies*

1. Proposed Revision to clarify requirements in section 5.5

PROPOSAL

5.5 Products that locate removable or replaceable button/coin cell batteries inside a battery compartment shall be designed to prevent children from removing the battery by one of the following methods in (a) or (b) below. Compliance is checked by the tests of Section 6.

a) A tool, such as a screwdriver or coin, is required to open the battery compartment. ~~For a battery compartment secured by a screw or a twist-on access cover, a minimum torque of 0.5 Nm and a minimum angle of 90 degrees of rotation shall be required to open the compartment or the fastener shall engage a minimum of two full threads; or~~

1. For a battery compartment secured by a screw, the screw shall engage a minimum of two full threads.

2. For a twist-on access cover, a minimum torque of 0.5 Nm and a minimum angle of 90 degrees of rotation shall be required to open the compartment.

b) The battery compartment door or cover requires the application of a minimum of two independent and simultaneous movements to open by hand.