ANSI STANDARDS ACTION

PUBLISHED WEEKLY BY THE AMERICAN NATIONAL STANDARDS INSTITUTE 25 WEST 43RD STREET NY. NY 10036

VOL. 52| NO. 34 August 20, 2021

CONTENTS

ISSN 0038-9633

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 148-202x, Standard for Personal Identification in Forensic Anthropology (new standard)

Stakeholders: Forensic anthropologists and the medicolegal community.
Project Need: Currently there are no standards that define the approaches to personal identification. This document fills that gap.
Scope: This standard provides approaches for establishing a personal identification in forensic anthropology using both scientific identification methods and contributory anthropological findings. This standard does not address identification of living individuals.

ACCT (Association for Challenge Course Technology)

PO Box 19797 | Boulder, CO 80308 www.acctinfo.org
Contact: Shawn Tierney; shawn@acctinfo.org

Revision

BSR/ACCT 03-202X, Challenge Course and Zip Line Standards (revision of ANSI/ACCT 03-2019)

Stakeholders: Challenge course (including aerial adventure course, ropes course, ziplines, zip tour) designers, engineers, installers, inspectors, trainers, owners, operators, government agencies, and end-users (participants/patrons). Those involved in not-for-profit, for-profit, educational, and therapeutic applications could be affected by these standards.
Project Need: The continued popularity, increased use, and growing diversity of designs, structures, and uses in the industry creates a pressing need to address changes in technology, equipment, training, and operational practices to assure continued useability by all materially affected parties. Specific areas to be addressed are participant connection systems, zip-line braking systems and requirements, language and term consistency within the standards, and requirements for structures.
Scope: The revision will address facilities used for any purpose including amusement, recreation, team development, therapy, and education. Topics may include ground anchor requirements, zip line landing areas and braking systems, exotic fibers used as structures, and other operational, training, and design criteria.

ANS (American Nuclear Society)

555 North Kensington Avenue | La Grange Park, IL 60526 www.ans.org
Contact: Kathryn Murdoch; kmurdoch@ans.org

New Standard

BSR/ANS 60.1-202x, Civilian Nuclear Export Controls (new standard)

Stakeholders: Government: DOE, NRC, National Laboratories; Industry: Utilities, nuclear designers, primary vendors, second-tier suppliers, brokers, consultants, insurers, and other recipients of the technology; Universities: With and without nuclear programs.
Project Need: U.S. nuclear companies and other entities are subject to two different civilian nuclear-specific export control regulations: NRC's 10 CFR Part 110 regulation and DOE's 10 CFR Part 810 regulation. Companies are responsible for establishing their own organizational processes and procedures to ensure compliance and avoid unauthorized transfers and re-transfers including deemed exports. Good practices for complying with these regulations are captured in informal agency guidance documents and the collective expertise of individuals. Existing guidance is regulation-specific and does not provide a unified framework for establishing a compliance program that satisfies the requirements of NRC 10 CFR Part 110 regulation and DOE 10 CFR Part 810.
Scope: This standard addresses the requirements for compliance with U.S. export control regulations for civilian nuclear technology, equipment, and materials, as governed by 10 CFR Part 110 and 10 CFR Part 810. This includes various types of export information required by the NRC and DOE and reporting requirements that exist before and after an export has occurred. The standard also provides guidance for establishing and maintaining internal compliance programs, including as related to classification and jurisdictional determinations, personnel, security, information technology, records management, contractual provisions and certifications, and training.

AWS (American Welding Society)

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

Revision

BSR/AWS A5.24/A5.24M-202x, Specification for Zirconium and Zirconium-Alloy Welding Electrodes and Rods (revision of ANSI/AWS A5.24/A5.24M-2014)

Stakeholders: Engineers, students, welders, government agencies, testing agencies, civil engineers, automotive industry, aerospace industry, marine and shipbuilding industry, structural industry, higher education instructors, structural steel fabricators, welding equipment manufacturers, welding filler metal manufacturers, welding consultants, structural steel engineering firms, and structural steel inspectors and firms.
Project Need: This specification prescribes the requirements for classification of zirconium and zirconium alloy electrodes and rods for GTA, GMA, and PA arc welding. This is a reaffirmation to AWS A5.24/A5.24M:2014 as the filler metals described in the document have not changed and no new ones have been developed within the welding industry.
Scope: This specification prescribes the requirements for classification of zirconium and zirconium alloy electrodes and rods for gas metal arc welding, gas tungsten arc welding, and plasma arc welding. The compositions specified for each classification represent the latest state-of-the-art. Additional requirements are included for testing procedures, manufacture, sizes, lengths, and packaging. A guide is appended to the specification as a source of information concerning the classification system employed and the intended use of the zirconium-alloy filler metal.

AWS (American Welding Society)

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

National Adoption

BSR/AWS A5.16/A5.16M-202x (ISO 24034-2005 MOD), Specification for Titanium and Titanium-Alloy Welding Electrodes and Rods (national adoption of ISO 24034:2010 MOD with modifications and revision of ANSI/AWS A5.16/A5.16M-2013 (ISO 24034-2005 MOD))

Stakeholders: Engineers, students, welders, program managers, government agencies, civil engineers, automotive industry, aerospace industry, marine and shipbuilding industry, plastics industry, structural industry, higher education instructors, structural steel fabricators, welding equipment manufacturers, welding filler metal manufacturers, welding consultants, structural steel engineering firms, structural steel inspectors and firms, and testing agencies.
Project Need: There are numerous new titanium filler metal grades to be included in this updated specification.
Scope: This specification prescribes the requirements for the classification of over 30 titanium and titanium-alloy welding electrodes and rods. Classification is based upon the chemical composition of the electrode. Major topics include general requirements, testing, packaging, and application guidelines. This specification adopts the requirements of ISO 24034 and incorporates the provisions of earlier versions of A5.16/A5.16M, allowing for classifications under both specifications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org
Contact: Stephen Hedrick; steveh@aws.org

Revision

BSR/AWS D18.3/D18.3M-202x, Specification for Welding of Tanks, Vessels, and Other Equipment in Sanitary (Hygienic) Applications (revision of ANSI/AWS D18.3/D18.3M-2015)

Stakeholders: AWS, medical, food service, and environmental services.
Project Need: This specification is needed to address welding issues on tanks, vessels, and other equipment in sanitary applications not addressed by D18.1, Specification for Welding Austenitic Stainless Steel Tube and Pipe Systems in Sanitary (Hygienic) Applications.
Scope: This specification provides the requirements for welding of tanks, vessels, and other equipment used in food processing plants and other areas where sanitary (hygienic) applications are required. The document addresses qualification, fabrication, extent of visual examination, acceptance criteria, and documentation requirements.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org
Contact: Stephen Hedrick; steveh@aws.org

Revision

BSR/AWS F1.2-202x, Laboratory Method for Measuring Fume Generation Rates and Total Fume Emission of Welding and Allied Processes (revision of ANSI/AWS F1.2-2013)

Stakeholders: Occupational health and safety experts; researchers.
Project Need: The laboratory sampling procedure described in this standard is designed to evaluate the effects of variations in materials, processes, and operating conditions on fume generation rate. Fume generation rates can be useful in prescribing adequate ventilation, making process selections, influencing process variables, and calculating air-filtering requirements. In order to provide a safe working environment, it may be necessary to compare the fume generation rates and identify the constituents present in the fumes of various processes.
Scope: This document outlines a laboratory method for the determination of fume generation rates and total fume emission. A test chamber is used to collect representative fume samples under carefully controlled conditions.

AWS (American Welding Society)

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

Revision

BSR/AWS G2.4/G2.4M-202x, Guide for the Fusion Welding of Titanium and Titanium Alloys (revision of ANSI/AWS G2.4/G2.4M-2021)

Stakeholders: Equipment fabricators world-wide, engineering companies, maintenance welders, chemical companies who use titanium equipment, repair welders, etc.
Project Need: This document is needed to provide continued proper procedures and instructions for those companies fabricating and using titanium equipment world-wide.
Scope: This standard provides instructional guidance for the welding of titanium and titanium alloys. This guide explains processes, equipment, materials, workshop practices, joint preparation, welding technique, tests, and the repair of discontinuities.

CSA (CSA America Standards Inc.)

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

National Adoption

BSR/CSA C22.2 No. 22734-202x, Hydrogen generators using water electrolysis - Industrial, commercial, and residential applications (national adoption with modifications of ISO 22734:2019)

Stakeholders: Hydrogen generator using water electrolysis manufacturers, hydrogen generator using water electrolysis users, and hydrogen generator using water electrolysis component suppliers.
Project Need: This will be the first edition of a binational adoption of this ISO document.
Scope: The Standard is an adoption with U.S. and Canadian deviations of the identically titled ISO (International Organization for Standardization) standard ISO 22734. This standard applies the construction, safety, and performance requirements of modular or factory-matched hydrogen gas generation appliances, referred to as hydrogen generators in this standard, using electrochemical reactions to electrolyze water to produce hydrogen.

HL7 (Health Level Seven)

3300 Washtenaw Avenue, Suite 227 | Ann Arbor, MI 48104 www.hl7.org
Contact: Karen Van Hentenryck; Karenvan@HL7.org

New Standard

BSR/HL7 FHIR IG SHORTHAND, R2-202x, HL7® FHIR® Implementation Guide: FHIR Shorthand, Release 2 (new standard)

Stakeholders: FHIR implementation guide developers.
Project Need: FHIR Shorthand (FSH) addresses the FHIR community's need for a fast, scalable method for creation and maintenance of Implementation Guides. Expressing an IG in FSH will increase the quality and consistency of IGs, because consistent transformations to IG artifacts (especially StructureDefinitions) can be applied. Standardizing FSH's syntax will allow Shorthand to be incorporated into multiple projects and products with community control over the evolution of the standard.
Scope: FHIR Shorthand (FSH) is a domain-specific language that allows Implementation Guide authors to define conformance resources (e.g., StructureDefinitions, ValueSets, etc.) as well as general instances (e.g., examples). The ballot concerns the syntax and capabilities of FHIR Shorthand including new features since STU 1. The specification is presented as a FHIR IG. The ballot is normative; however, a certain set of new features are proposed for trial use and are clearly marked as such.

HL7 (Health Level Seven)

3300 Washtenaw Avenue, Suite 227 | Ann Arbor, MI 48104 www.hl7.org
Contact: Karen Van Hentenryck; Karenvan@HL7.org

Revision

BSR/HL7 V2 PLUS, R1-202x, HL7 Version 2: v2plus, Release 1 (revision and redesignation of ANSI/HL7 V2.9-2019)

Stakeholders: Clinical/public health labs, quality reporting and regulatory agencies, SDOs; various vendors and providers.
Project Need: The modernization of HL7 v2 will make it easier to create and maintain high-quality specifications, and to improve implementer access and use. The project will replace Word and PDF formats with a new source of truth using web-based tools, consolidate technical terminology and seamlessly link with UTG, improve the ability to maintain consistency across 'chapters' through the single point of maintenance of shared components, and publish V2 on a website as the primary source for implementers.
Scope: The v2+ project replaces the existing Word/PDF publication format of the v2 base standard with a modernized web-based publication. The first release of v2+ will render the content of v2.9 in the new online format. No significant content changes will be made beyond those necessary to accommodate the new presentation. Since the first balloting of v2+, the project team has addressed all submitted comments. The content and format of the message, segment, and data type definitions has been updated. As well, the narrative content from the previous v2.x chapters has been broken up on different pages to make the page sizes more manageable.

LIA (ASC Z136) (Laser Institute of America)

12001 Research Parkway, Suite 210 | Orlando, FL 32828 www.laserinstitute.org
Contact: Liliana Caldero; lcaldero@lia.org

Revision

BSR Z136.8-202x, Standard for Safe Use of Lasers in Research, Development, or Testing (revision of ANSI Z136.8-2021)

Stakeholders: Universities, national laboratories, high technology development labs, startup companies, military, and medical research centers as well as laser/optics technician schools.
Project Need: To update the standard to include other research and technologies areas, e.g., medical research, high-power laser use; expansion of definitions, sample SOPs, etc.
Scope: This standard provides guidance and recommendations for the safe use of lasers and laser systems that operate at wavelengths between 180 nm ultraviolet (UV) and 1 mm (1000 μm) infrared (IR), used to conduct research, development, or testing predominantly in an indoor setting.

NAAMM (National Association of Architectural Metal Manufacturers)

123 College Place, #1101 | Norfolk, VA 23510 www.naamm.org
Contact: Vernon (Wes) Lewis; wlewis7@cox.net

Revision

BSR/NAAMM HMMA 861-202x, Guide Specifications for Commercial Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 861-2014)

Stakeholders: Hollow metal manufacturers, architects, engineers, specification writers and public officials, among others.
Project Need: Updates in the industry mandates an update of the standard. The revision is not extensive and should be easily assimilated into the industry.
Scope: This revised standard provides updated guidance for the manufacture of commercial-grade hollow metal doors and frames.

PMMI (PMMI - The Association for Packaging and Processing Technologies)

11911 Freedom Drive, Suite 600 | Reston, VA 20190 www.pmmi.org
Contact: Fred Hayes; fhayes@pmmi.org

Revision

BSR/PMMI B155.1-202x, Safety Requirements for Processing and Packaging Machinery (revision of ANSI/PMMI B155.1 -2016)

Stakeholders: Users, manufacturers, integrators, material/container/component suppliers, general interest, professional organization.
Project Need: Review and revise the standard based on 5-year cycle.
Scope: The requirements of this standard apply to new, modified or rebuilt industrial and commercial:
- processing machinery used to produce food, beverage and pharmaceutical products;
- packaging machinery that preforms packaging functions for primary, secondary, and tertiary (transport/distribution) packaging;
- coordination of the packaging functions that take place on the production line; and
- packaging-related converting machinery.
The standard does not include processing or packaging machinery used by retail consumers.

VC (ASC Z80) (The Vision Council)

225 Reinekers Lane, Suite 700 | Alexandria, VA 22314 www.z80asc.com
Contact: Michele Stolberg; ascz80@thevisioncouncil.org

Revision

BSR Z80.28-202x, Ophthalmics - Methods of Reporting Optical Aberrations of Eyes (revision of ANSI Z80.28-2017)

Stakeholders: Stakeholders are eye care providers, researchers, and manufacturers of instruments that measure aberrations of the eye.
Project Need: This item requires updating in order to maintain compliance with ANSI's 5-year review requirement, and the addition of an information annex with instruction on how to convert aberration data given in terms of Zernike polynomial coefficients to the sphere power, cylinder power, and cylinder axis that will give the best correction of the refractive error to this level of complexity has been recommended. A new French method for presenting aberrations of the eye will also be discussed.
Scope: This standard specifies standardized methods for reporting the optical aberrations of eyes.

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: September 19, 2021

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

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

Addenda

BSR/ASHRAE/ICC/IES/USGBC Addendum h to BSR/ASHRAE/ICC/IES/USGBC Standard 189.1-202x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)
Addendum h adds a new requirement for leak detection devices to be installed in plumbing systems of buildings. These devices can monitor and report on abnormal states in the plumbing system, including leaks, and will result in water savings as well as building resiliency.They are also eligible for a LEED pilot credit.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

AWWA (American Water Works Association)

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

Revision

BSR/AWWA C110/A21.10-202x, Ductile-Iron and Gray-Iron Fittings (revision of ANSI/AWWA C110/A21.10-2012)
This standard describes 3- to 48-in. (80- to 1,200-mm) gray-iron or ductile-iron fittings to be used with ductile-iron pipe for potable water, wastewater, and reclaimed water for a temperature range of 33°– 120°F (0.6°– 49°C).
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: ETSsupport@awwa.org

Comment Deadline: September 19, 2021

UL (Underwriters Laboratories)

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

Revision

BSR/UL 746D-202x, Standard for Safety for Polymeric Materials - Fabricated Parts (revision of ANSI/UL 746D -2021)
This proposal involves clarification of the Recycled Plastics Program in Section 10 of UL 746D.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

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

Revision

BSR/UL 758-202X, Standard for Safety for Appliance Wiring Material (revision of ANSI/UL 758-2021)
Revised Requirements for Annealed Copper Wires and Tinned Annealed Copper Wires in Table 5.3
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: October 4, 2021

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, Saint Joseph, MI 49085 | vangilder@asabe.org, https://www.asabe.org/

Revision

BSR/ASABE S648-5.1 MONYEAR-202x, Agricultural Field Equipment Braking - Part 5: Requirements for the Interface between Towing Vehicle and Towed Vehicles (revision and redesignation of ANSI/ASABE S648-5 MAR2020)
This part of ANSI/ASABE S648 establishes the minimum requirements for interfacing the service brake system and parking brake system on towing agricultural field equipment with the service brake system and parking brake system on towed agricultural field equipment. The requirements of this part of ANSI/ASABE S648 are applicable to dual line hydraulic and pneumatic systems but does not preclude the use of other equivalent systems. These requirements and minimum performance criteria are directed to the operation and parking of agricultural field equipment having a maximum design ground speed greater than 6 km/h (3.7 mile/h).
Single copy price: $49.00 (ASABE Members); $72.00 (Non-members)
Obtain an electronic copy from: vangilder@asabe.org
Order from: Carla VanGilder; vangilder@asabe.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 4, 2021

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, Saint Joseph, MI 49085 | vangilder@asabe.org, https://www.asabe.org/

Revision

BSR/ASAE S318.19 MONYEAR-202x, Safety for Agricultural Field Equipment (revision and redesignation of ANSI/ASAE S318.18-JUN2017)
This Standard is a guide to provide a reasonable degree of personal safety for operators and other persons during the normal operation and servicing of agricultural field equipment. It does not apply to skid steer loaders, permanently installed grain dryers, and agricultural equipment covered by other safety standards, such as, but not limited to, permanently installed farmstead equipment, portable grain augers, and storage structures, except where specifically referenced by other standards.
Single copy price: $49.00 (ASABE Members); $72.00 (Non-members)
Obtain an electronic copy from: vangilder@asabe.org
Order from: Carla VanGilder; vangilder@asabe.org
Send comments (copy psa@ansi.org) to: Same

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

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

Addenda

BSR/ASHRAE Addendum cc to BSR/ASHRAE Standard 135-202x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)
The purpose of this addendum is to update the Network Port Object and add BACnet/SC configuration support; make modifications to Annex AB; add a procedure to replace BACnet/SC certificates; and add Network Port Object configuration BIBBs.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Order from: standards.section@ashrae.org
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

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

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

Addenda

BSR/ASHRAE Addendum ce to BSR/ASHRAE Standard 135-202x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)
This addendum replaces MS/TP language; allows previously published data items (properties, etc.), to be revised to have better or clearer names while maintaining compatibility with existing data representations, i.e., the Abstract Data Model defined in Annex Y is extended to allow name aliases that can be used as alternate names for the data item; and removes writableWhen and requiredWhen.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Order from: standards.section@ashrae.org
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

Comment Deadline: October 4, 2021

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

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

Addenda

BSR/ASHRAE Addendum c to BSR/ASHRAE Standard 52.2-202x, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2017)
This addendum allows users the option of using the basic 52.2 test rig and QA with bioaerosols to determine the efficiency of an HVAC-mounted air cleaner for removal/inactivation of a bioaerosol.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Order from: standards.section@ashrae.org
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

AWS (American Welding Society)

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

New Standard

BSR/AWS D10.7M/D10.7-2008-202x, Guide for the Gas Shielded Arc Welding of Aluminum and Aluminum Alloy Pipe (new standard)
This document presents information concerning those properties of aluminum which affect its weldability and which cause specific problems in the fabrication of aluminum pipe. Recommendations are made for solving these problems and suggested procedures are presented for welding aluminum pipe joints with the Gas Tungsten Arc and Gas Metal Arc Welding Processes.
Single copy price: $36.00
Obtain an electronic copy from: sborrero@aws.org
Order from: Stephen Borrero, sborrero@aws.org
Send comments (copy psa@ansi.org) to: Same

AWS (American Welding Society)

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

New Standard

BSR/AWS D10.14M/D10.14-202x, Guide for Multipass Orbital Machine Pipe Groove Welding (new standard)
The Standard Guide for Multipass Orbital Machine Pipe Groove Welding, AWS D10.14M/D10.14:202x, provides an overview of the subject. The guide presents several aspects of multipass orbital machine pipe groove welding. Among the aspects presented are: arc welding processes, pipe beveling, pipe line-up and welding equipment, nondestructive examination, consumable estimation, maximum repair length, and preparation for welding. Multipass orbital machine pipe groove welding of both plant pipe welding and transmission pipe welding are discussed.
Single copy price: $44.00
Obtain an electronic copy from: sborrero@aws.org
Order from: Stephen Borrero, sborrero@aws.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 4, 2021

AWS (American Welding Society)

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

New Standard

BSR/AWS D10.17M/D10.17-202x, Guide for Welding Tubular Steel Vehicle Structures (new standard)
This document presents a detailed discussion of the methods and suggested procedures for welding of steel tubing for vehicle structures but does not address design. A number of figures and tables illustrate suggested joint designs, filler metal selections, and procedures.
Single copy price: $35.00
Obtain an electronic copy from: sborrero@aws.org
Order from: Stephen Borrero, sborrero@aws.org
Send comments (copy psa@ansi.org) to: Same

AWWA (American Water Works Association)

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

Revision

BSR/AWWA C150/A21.50-202x, Thickness Design of Ductile-Iron Pipe (revision of ANSI/AWWA C150-A21.50 -2014)
This standard describes the thickness design of ductile-iron pipe complying with the requirements of ANSI/AWWA C151/A21.51, Ductile-Iron Pipe, Centrifugally Cast.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Order from: AWWA, Attn: Vicki David; vdavid@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Attn: Paul J. Olson; polson@awwa.org

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR/CSA NGV 5.2-2017 (R202x), Standard for Compressed Natural Gas Vehicle (NGV) fueling appliances (reaffirmation of ANSI/CSA NGV 5.2-2017)
This Standard details mechanical, physical, and electrical requirements for a newly manufactured appliance that dispenses natural gas for vehicles directly into the vehicle natural gas fuel storage systems from natural gas distribution systems or supply systems other than residential gas systems, referred to as vehicle fueling appliances (VFA). (NOTE: Residential fueling appliances (RFA) are addressed in CSA Standard NGV 5.1.) These requirements apply to compressed natural gas appliances for installation in commercial, non-residential locations and non-retail fueling facilities.
Single copy price: Free
Obtain an electronic copy from: ansi@csagroup.org
Order from: David Zimmerman; ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi@csagroup.org

Comment Deadline: October 4, 2021

CTA (Consumer Technology Association)

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

New Standard

BSR/CTA 709.10-202x, Web Services for Control Networking Protocol Specification (new standard)
This standard will provide a comprehensive communication platform for networked control using web services and supports the IoT model of interoperability with advanced data collection, simplified management, and potential AI application support.
Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Order from: Catrina Akers; cakers@cta.tech
Send comments (copy psa@ansi.org) to: Same

ESTA (Entertainment Services and Technology Association)

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

Reaffirmation

BSR E1.16-2002 (R202x), Entertainment Technology - Configuration Standard for Metal-Halide Ballast Power Cables (reaffirmation of ANSI E1.16-2002 (R2017))
This standard recommends a particular equipment grounding contact assignment for detachable power cables on 6 kW, 12 kW, and 18 kW metal-halide lamp ballasts used in the motion picture and television industries on portable studio luminaires that use the MIL-C-5015 connector with #28-6 insert configuration on the ballast end of the power cable.
Single copy price: Free
Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php
Order from: standards@esta.org
Send comments (copy psa@ansi.org) to: Karl Ruling, standards@esta.org

ESTA (Entertainment Services and Technology Association)

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

Reaffirmation

BSR E1.24-2012 (R202x), Entertainment Technology - Dimensional Requirements for Stage Pin Connectors (reaffirmation of ANSI E1.24-2012)
This configuration standard covers the dimensional requirements and mechanical requirements related to intermateability for a series of split-pin and sleeve wiring devices known as Pin Connectors or Stage Pin Connectors that are used predominately in the theatre, television, and motion picture industries in North America. This is not a safety standard.
Single copy price: Free
Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php
Order from: standards@esta.org
Send comments (copy psa@ansi.org) to: Karl Ruling, standards@esta.org

Comment Deadline: October 4, 2021

HI (Hydraulic Institute)

300 Interpace Parkway, Building A, 3rd Floor, Parsippany, NJ 07054 | asisto@pumps.org, www.pumps.org

Revision

BSR/HI 7.8-202x, HI-7.8 Controlled Volume Metering Pump Piping Guideline (revision of ANSI/HI 7.8-2016)
Committee reviewed content of document and made edits based off of updated HI standards numbering and equation reformatting.
Single copy price: $60.00
Obtain an electronic copy from: asisto@pumps.org
Send comments (copy psa@ansi.org) to: Amy Sisto - asisto@pumps.org

HL7 (Health Level Seven)

3300 Washtenaw Avenue, Suite 227, Ann Arbor, MI 48104 | Karenvan@HL7.org, www.hl7.org

Revision

BSR/HL7 PHRSFM, R2-202x, HL7 EHRS-FM Release 2: Personal Health Record System Functional Model, Release 2 (revision and redesignation of ANSI/HL7 PHRSFM, R1-2014)
This standard will address the functional needs of Personal Health Record (PHR) system developers and users. PHR information is expected to be sent, received, or exchanged from multiple systems, including: EHR systems, insurer systems, payer systems, health information exchanges, public health systems, Internet-based health education sites, clinical trials systems, and/or collaborative care systems. The original PHR-S FM was aligned with the Release 1 of the HL7 Electronic Health Record-System Functional Model (EHR-S FM). The EHR-S FM has been updated to Release 2 format and this document updates and re-aligns the PHR-S FM to the EHR-S FM Release 2 format.
Single copy price: Free to members and non-members of HL7 International.
Obtain an electronic copy from: Karenvan@HL7.org
Order from: Karen Van Hentenryck; Karenvan@HL7.org
Order from: Same

LIA (ASC Z136) (Laser Institute of America)

12001 Research Parkway, Suite 210, Orlando, FL 32828 | lcaldero@lia.org, www.laserinstitute.org

Revision

BSR Z136.1-202x, Standard for Safe Use of Lasers (revision of ANSI Z136.1-2014)
This standard provides recommendations for the safe use of lasers and laser systems that operate at wavelengths between 180 nm and 1 mm. This revision will be a new horizontal standard that supports ANSI Z136.2, Z136.3, Z136.5, Z136.6, Z136.7, Z136.8, Z136.9, and proposed Z136.10 standards, as well as the ANSI Z136.4.
Single copy price: $30.00
Obtain an electronic copy from: https://www.lia.org/store/product/bsrz1361202x-safe-use-lasers-draft-3-public-review
Send comments (copy psa@ansi.org) to: Liliana Caldero, lcaldero@lia.org

Comment Deadline: October 4, 2021

NAAMM (National Association of Architectural Metal Manufacturers)

123 College Place, #1101, Norfolk, VA 23510 | wlewis7@cox.net, www.naamm.org

Revision

BSR/NAAMM HMMA 862-202x, Guide Specifications for Commercial Security Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 862-2013)
This standard provides updated guidelines for the manufacture of security hollow metal doors and frames.
Single copy price: $25.00
Obtain an electronic copy from: https://www.naamm.org/ansi-information#ANSI/NAAMM%20Standards Projects
Order from: Vernon W. Lewis, wlewis7@cox.net
Send comments (copy psa@ansi.org) to: wlewis7@cox.net

NEMA (ASC C137) (National Electrical Manufacturers Association)

1300 N 17th Street, Suite 900, Rosslyn, VA 22209 | Michael.Erbesfeld@nema.org, www.nema.org

National Adoption

BSR/C137.63103-202X, Standard for Lighting Systems - Non-Active Mode Power Measurement (national adoption with modifications of IEC 63103, ed1.0 (2020-07))
An adoption of the IEC 63103 Standard as a nationally acknowledged international standard (NAIS) with regional deviations. The scope of IEC 63103 states in part: "This document specifies methods of measurement of electrical power consumption in nonactive mode(s), as applicable for electrical lighting equipment. This includes electrical lighting equipment incorporating non-illumination components."
Single copy price: $50.00
Obtain an electronic copy from: michael.erbesfeld@nema.org
Order from: Michael Erbesfeld; Michael.Erbesfeld@nema.org
Send comments (copy psa@ansi.org) to: Same

NFPA (National Fire Protection Association)

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

NFPA FIRE PROTECTION STANDARDS DOCUMENTATION
The National Fire Protection Association announces the availability of the NFPA Second Draft Report for concurrent review and comment by NFPA and ANSI. These Second Draft Reports contain the disposition of public comment(s) that were received for standards in the Fall 2021 Revision Cycle (available for review on the next edition tab for each standard). All Notices of Intent to Make A Motion on the F2021 Revision Cycle Second Draft Report must be received by the following date: September 2, 2021.
For more information on the rules and deadlines for NFPA standards in cycle, please check the NFPA website (www.nfpa.org) or contact Standards Administration at NFPA. Those who submit comments to NFPA's online submission system on the F2021 Revision Cycle Standards are invited to copy ANSI's Board of Standards Review.

Revision

BSR/NFPA 18A-202x, Standard on Water Additives for Fire Control and Vapor Mitigation (revision of ANSI/NFPA 18A-2017)
This standard provides the minimum requirements for water additives used for the control and/or suppression of Class A and Class B fires and the mitigation of flammable vapors.
Obtain an electronic copy from: www.nfpa.org/18aNext
Order from: Same

Comment Deadline: October 4, 2021

NSF (NSF International)

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

Revision

BSR/NSF 44-202x (i49r1), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2018)
The manual, auto-initiated, and demand-initiated regeneration (DIR) residential cation exchange water softeners addressed by this Standard are designed for the reduction of specific substances that may be present in drinking water (public or private) considered to be microbiologically safe and of known quality. Systems covered under this standard are intended to reduce hardness affecting the aesthetic quality of water. The established health hazards, barium and radium, are optional performance claims addressed by this Standard. Systems with manufacturer claims that include components or functions covered under other NSF or NSF/ANSI Standards or Criteria shall conform to the applicable requirements therein. Systems covered by this Standard are not intended to be used with drinking water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/60163/44i49r1%20-%20Clean%20Up%20Ballot%20-%20JC%20Memo%20&%20Ballot.pdf
Send comments (copy psa@ansi.org) to: mleslie@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 53-202x (i138r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2020)
It is the purpose of this Standard to establish minimum requirements for materials, design and construction, and performance of point-of-use and point-of-entry drinking-water treatment systems that are designed to reduce specific health-related contaminants in public or private water supplies. Such systems include point-of-entry drinking-water treatment systems used to treat all or part of the water at the inlet to a residential facility or a bottled water production facility, and includes the material and components used in these systems. This Standard also specifies the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners, as well as the minimum service-related obligations that the manufacturer shall extend to system owners.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/60131/53i138r1%20-%20Clean%20Up%20Ballot%20-%20JC%20Memo%20&%20Ballot.pdf
Send comments (copy psa@ansi.org) to: mleslie@nsf.org

Comment Deadline: October 4, 2021

SCTE (Society of Cable Telecommunications Engineers)

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

New Standard

BSR/SCTE 271-202x, Requirements for Power Sensing in Cable and Utility Networks (new standard)
The scope of the standard covers two distinct use cases. (1) Cable TV Hybrid Fiber-Coax (HFC) power quality needs to be monitored for anomaly "glitches" known to have caused the reboot of some newer digital HFC actives which interrupted voice, video, and data services for up to 15 minutes; (2) Utility secondary distribution grid power quality needs to be monitored for anomaly "glitches" known to cause wildfires and shorten the lifespan of cable TV infrastructure elements, customer premises equipment (CPE), and consumer appliances.
Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com
Send comments (copy psa@ansi.org) to: admin@standards.scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 37-2017 (R202x), Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-ROOTS Management Information Base (MIB) - Definition (reaffirmation of ANSI/SCTE 37-2017)
This document provides the branch object identifiers for each of the MIBs within the SCTE HMS Tree. This document has been revised; see the Description in the syntax.
Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com
Send comments (copy psa@ansi.org) to: admin@standards.scte.org

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway South, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

New Standard

BSR/TAPPI T 460 om-202x, Air resistance of paper (Gurley method) (new standard)
This method is used to measure the air resistance of approximately 6.45 sq. cm. (1 sq. in.) circular area of paper using a pressure differential of 1.22 kPa. The recommended range of the liquid column instrument is from 5 to 1800 seconds per 100 mL cylinder displacement. For more impermeable papers, the time requirements become so excessive that other techniques are preferable. This method measures the volume of air that passes through the test specimen, along with any possible leakage of air across the surface; therefore, it is unsuitable for paper or paperboards which cannot be securely clamped so as to avoid significant surface and/or edge leakage. For a similar method of measuring air resistance that tests paper at a higher pressure (approx. 3 kPa), and has higher resolution in measuring smaller air volumes, refer to TAPPI T 536. For a method of measuring air permeance at pressures up to 9.85 kPa, using both smaller and larger test areas, refer to TAPPI T 547.
Single copy price: Free
Obtain an electronic copy from: standards@tappi.org
Order from: standards@tappi.org
Send comments (copy psa@ansi.org) to: William Millians, standards@tappi.org

Comment Deadline: October 4, 2021

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway South, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

New Standard

BSR/TAPPI T 566 om-202x, Bending resistance (stiffness) of paper (Taber-type tester in 0 to 10 Taber stiffness unit configuration) (new standard)
This test method covers a procedure used to measure the resistance to bending of papers which are of low grammage, or high flexibility, or both, and which exhibit bending stiffness in the range of 0 to 10 Taber stiffness units. This test is used to determine the bending moment required to deflect the free end of a 38 mm (1.5 in.) wide vertically clamped specimen 15° from its center line when the load is applied 10 mm (0.39 in.) away from the clamp. The resistance to bending is calculated from the bending moment. The instrument used in this test method is identical to that described in TAPPI T 489 “Bending Resistance (stiffness) of Paper and Paperboard,” used in the modified configuration described in section 6.2.4. Preparation of Apparatus. Test results obtained using the Taber-Type Tester as described in this test method have been reported to be as much as 40% different from those obtained using TAPPI T 489, and this test method must not be used where TAPPI T 489 is specified. Other procedures for measuring bending resistance include TAPPI T 535 “Stiffness of Paperboard (Resonance Length Method)” and TAPPI T 543 “Bending Resistance (Stiffness) of Paper (Gurley Type Stiffness Tester).” The latter method has been classified as a Classical Method.
Single copy price: Free
Obtain an electronic copy from: standards@tappi.org
Order from: standards@tappi.org
Send comments (copy psa@ansi.org) to: William Millians, standards@tappi.org

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway South, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Revision

BSR/TAPPI T 428 om-202x, Hot-water extractable acidity or alkalinity of paper (revision of ANSI/TAPPI T 428 om -2013)
This method, based on the work of Kohler and Hall, measures the titratable acidity or alkalinity (end point at pH 7.0) of an aqueous extract of paper (filtered and extracted by boiling water for 1 h). It specifies one extraction and so does not measure the total acidity or alkalinity of paper, for which exhaustive extraction is required. It may be applied to writing, printing, and sized industrial paper but is not intended for testing electrical insulating papers.
Single copy price: Free
Obtain an electronic copy from: standards@tappi.org
Order from: standards@tappi.org
Send comments (copy psa@ansi.org) to: William Millians, standards@tappi.org

Comment Deadline: October 4, 2021

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 | Susan.P.Malohn@ul.org, https://ul.org/

National Adoption

BSR/UL 62915-202x, Standard for Photovoltaic (PV) Modules - Type Approval, Design and Safety Qualification - Retesting (national adoption with modifications of IEC 62915)
First edition of the UL IEC-Based Technical Specification for Photovoltaic (PV) Modules - Type Approval, Design and Safety Qualification - Retesting, UL 62915.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

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

Reaffirmation

BSR/UL 879A-2016 (R202x), Standard for Safety for LED Sign and Sign Retrofit Kits (reaffirmation of ANSI/UL 879A -2016)
This proposal for UL 879A covers the reaffirmation and continuance of the first edition of the Standard for LED Sign and Retrofit Kits, UL 879A, as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Nicolette.A.Weeks@ul.org, https://ul.org/

Reaffirmation

BSR/UL 1887-2004 (R202x), Standard for Fire Test of Plastic Sprinkler Pipe for Visible Flame and Smoke Characteristics (August 20, 2021) (reaffirmation of ANSI/UL 1887-2004 (R2017))
This proposal covers: (1) Reaffirmation and continuance of the third edition of the Standard for Fire Test of Plastic Sprinkler Pipe for Visible Flame and Smoke Characteristics, UL 1887, as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: October 4, 2021

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Nicolette.A.Weeks@ul.org, https://ul.org/

Reaffirmation

BSR/UL 1978-2013 (R202x), Standard for Grease Ducts (August 20, 2021) (reaffirmation of ANSI/UL 1978-2013 (R2017))
This proposal covers: (1) Reaffirmation and continuance of the fourth edition of the Standard for Grease Ducts, UL 1978, as a standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

VC (ASC Z80) (The Vision Council)

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

Reaffirmation

BSR Z80.37-2017 (R202x), Ophthalmics - Slit-Lamp Microscopes (reaffirmation of ANSI Z80.37-2017)
This standard, together with ISO 15004-1 and ANSI Z80.36, specifies requirements and test methods for slit-lamp microscopes to provide slit illumination and observation under magnification of the eye and its adnexa. This standard is not applicable to microscope accessories, e.g., photographic equipment and lasers. This standard takes precedence over ISO 15004-1 and ANSI Z80.36, if differences exist.
Single copy price: $80.00
Obtain an electronic copy from: ascz80@thevisioncouncil.org or https://www.z80asc.com/
Order from: Michele Stolberg; ascz80@thevisioncouncil.org
Send comments (copy psa@ansi.org) to: Same

VC (ASC Z80) (The Vision Council)

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

Reaffirmation

BSR Z80.38-2017 (R202x), Ophthalmics - Light Hazard from Operation Microscopes Used in Ocular Surgery (reaffirmation of ANSI Z80.38-2017)
Specifies requirements and test methods for optical radiation hazards from operation microscopes that are used during ocular surgery.
Single copy price: $70.00
Obtain an electronic copy from: ascz80@thevisioncouncil.org or https://www.z80asc.com/
Order from: Michele Stolberg; ascz80@thevisioncouncil.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 19, 2021

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME B18.10-2006 (R202x) , Track Bolts and Nuts (reaffirmation of ANSI/ASME B18.10-2006 (R2016))
This Standard covers the complete general and dimensional data for inch-series oval-neck and elliptic-neck track bolts and square nuts intended for use with these bolts. Sizes in use, but not recommended for new design, are included in the appendices of this Standard.
Single copy price: $42.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Angel L. Guzman Rodriguez

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME B18.31.4M-2009 (R202x), Threaded Rod (Metric Series) (reaffirmation of ANSI/ASME B18.31.4M-2009 (R2017))
This Standard covers the complete general and dimensional data for metric series threaded rod. This Standard is applicable to both fine and coarse metric series threads of diameters from M1.6 to M56.
Single copy price: $32.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Angel L. Guzman Rodriguez

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME B18.31.5-2011 (R202x) , Bent Bolts (Inch Series) (reaffirmation of ANSI/ASME B18.31.5-2011 (R2016))
This Standard establishes general requirements for parts classified as bent bolts.
Single copy price: $35.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Angel L. Guzman Rodriguez

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME B89.1.10M-2001 (R202x), Dial Indicators for Linear Measurements (reaffirmation of ANSI/ASME B89.1.10M-2001 (R2016))
This Standard is intended to provide the essential requirements for dial indicators as a basis for mutual understanding between manufacturers and consumers.
Single copy price: $39.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Justin Cassamassino; cassasmassinoj@asme.org

Technical Reports Registered with ANSI

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject.
Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to (psa@ansi.org).

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

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

New Technical Report

INCITS/ISO/IEC TS 18661-1:2014 [2021], Information technology - Programming languages, their environments, and system software interfaces - Floating-point extensions for C - Part 1: Binary floating-point arithmetic (technical report)
Extends programming language C to support binary floating-point arithmetic conforming to ISO/IEC/IEEE 60559:2011. It covers all requirements of IEC 60559 as they pertain to C floating types that use IEC 60559 binary formats.

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

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

New Technical Report

INCITS/ISO/IEC TS 18661-2:2015 [2021], Information technology - Programming languages, their environments, and system software interfaces - Floating-point extensions for C - Part 2: Decimal floating-point arithmetic (technical report)
Extends programming language C as specified in ISO/IEC 9899:2011, (C11) with changes specified in ISO/IEC/TS 18661-1, to support decimal floating-point arithmetic conforming to ISO/IEC/IEEE 60559:2011. It covers all requirements of IEC 60559 as they pertain to C decimal floating types.

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

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

New Technical Report

INCITS/ISO/IEC TS 18661-3:2015 [2021], Information technology - Programming languages, their environments, and system software interfaces - Floating-point extensions for C - Part 3: Interchange and extended types (technical report)
Extends programming language C to include types with the arithmetic interchange and extended floating---point formats specified in ISO/IEC/IEEE 60559:2011, and to include functions that support the non--arithmetic interchange formats in that standard.

Technical Reports Registered with ANSI

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

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

New Technical Report

INCITS/ISO/IEC TS 18661-4:2015 [2021], Information technology - Programming languages, their environments, and system software interfaces - Floating-point extensions for C - Part 4 (technical report)
Extends programming language C to include functions specified and recommended in ISO/IEC/IEEE 60559:2011.

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

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

New Technical Report

INCITS/ISO/IEC TS 18661-5:2016 [2021], Information technology - Programming languages, their environments, and system software interfaces - Floating-point extensions for C - Part 5: Supplementary attributes (technical report)
Extends programming language C to include support for attributes specified and recommended in ISO/IEC/IEEE 60559:2011.

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

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

New Technical Report

INCITS/ISO/IEC TS 24192-1:2021 [2021], Cards and security devices for personal identification - Communication between contactless readers and fare media used in public transport - Part 1: Implementation requirements for ISO/IEC 14443 (all parts) (technical report)
Defines the technical requirements to be met by contactless public transport (PT) devices in order to be able to interface together using the ISO/IEC 14443 (all parts) contactless communications protocol. This document applies to PT devices: PT readers which are contactless fare management system terminals acting as a PCD contactless reader based on ISO/IEC 14443 (all parts) and PT objects which are contactless fare media acting as a PICC contactless object based on ISO/IEC 14443 (all parts).

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

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

New Technical Report

INCITS/ISO/IEC TS 24192-2:2021 [2021], Cards and security devices for personal identification Communication between contactless readers and fare media used in public transport - Part 2: Test plan for ISO/IEC 14443 (all parts) (technical report)
This document lists all the test conditions to be performed on a PT reader or a PT object in order to ensure that all the requirements specified in ISO/IEC TS 24192-1 are met for the PT device under test. This document applies to PT devices only: PT readers which are contactless fare management system terminals acting as a PCD contactless reader based on ISO/IEC 14443 (all parts) and PT objects which are contactless fare media acting as a PICC contactless object based on ISO/IEC 14443 (all parts).

Technical Reports Registered with ANSI

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

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

New Technical Report

INCITS/ISO/IEC TR 24772-2:2020 [2021], Programming languages - Guidance to avoiding vulnerabilities in programming languages - Part 2: Ada (technical report)
Specifies software programming language vulnerabilities to be avoided in the development of systems where assured behavior is required for security, safety, and mission-critical and business-critical software. In general, this document is applicable to the software developed, reviewed, or maintained for any application. Vulnerabilities described in this document present the way that the vulnerability described in ISO/IEC TR 24772-1 are manifested in Ada.

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

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

New Technical Report

INCITS/ISO/IEC TR 24772-3:2020 [2021], Programming languages - Guidance to avoiding vulnerabilities in programming languages - Part 3: C (technical report)
Specifies software programming language vulnerabilities to be avoided in the development of systems where assured behavior is required for security, safety, and mission-critical and business-critical software. In general, this guidance is applicable to the software developed, reviewed, or maintained for any application. This document describes the way that the vulnerabilities listed in ISO/IEC TR 24772-1 are manifested or avoided in the C language.

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

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

New Technical Report

INCITS/ISO/IEC TR 10182:2016 [2021], Information technology - Programming languages, their environments and system software interfaces - Guidelines for language bindings (technical report)
ISO/IEC TR 10182:2016 is based on experience gained in the standardization of two major areas in information processing. One area covers programming languages. The other area is composed of the services necessary to an application program to achieve a goal. The services are divided into coherent groups, each referred to as a System Facility, that are accessed through a Functional Interface. The specification of a system facility, referred to as a Functional Specification, defines a collection of System Functions, each of which carries out some well-defined service.

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

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

New Technical Report

INCITS/ISO/IEC TS 19216:2018 [2021], Programming Languages - C++ Extensions for Networking (technical report)
Describes extensions to the C++ Standard Library. This document specifies requirements for implementations of an interface that computer programs written in the C++ programming language may use to perform operations related to networking, such as operations involving sockets, timers, buffer management, host name resolution, and internet protocols. This document is applicable to information technology systems that can perform network operations, such as those with operating systems that conform to the POSIX interface. This document is applicable only to vendors who wish to provide the interface it describes.

Technical Reports Registered with ANSI

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

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

New Technical Report

INCITS/ISO/IEC TS 19568:2017 [2021], Programming Languages - C++ Extensions for Library Fundamentals (technical report)
Describes extensions to the C++ Standard Library (1.2). These extensions are classes and functions that are likely to be used widely within a program and/or on the interface boundaries between libraries written by different organizations.

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

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

New Technical Report

INCITS/ISO/IEC TS 19570:2018 [2021], Programming Languages - Technical Specification for C++ Extensions for Parallelism (technical report)
Describes requirements for implementations of an interface that computer programs written in the C++ programming language can use to invoke algorithms with parallel execution. The algorithms described by this document are realizable across a broad class of computer architectures.

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

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

New Technical Report

INCITS/ISO/IEC TS 19841:2015 [2021], Technical Specification for C++ Extensions for Transactional Memory (technical report)
Describes extensions to the C++ Programming Language (1.3) that enable the specification of Transactional Memory. These extensions include new syntactic forms and modifications to existing language and library.

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

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

New Technical Report

INCITS/ISO/IEC TS 22924:2021 [2021], Identification cards - Transport layer topologies - Configuration for HCI/HCP interchange (technical report)
Specifies the requirements for a protocol derived from HCI/HCP (see ETSI TS 102 622) enabling communication for devices regardless of data link and physical layers. This document covers the following: (a) outline of a system comprised of one or more hosts and one controller; (b) extension of connection topology between hosts and host controller (i.e., star topology and additional other topologies); (c) segregation between existing system using ETSI TS102 613 and new system compliant to this document (this document refers ETSI TS 102 613, but does not change its specification and does not use RFU).

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:

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062 | Elizabeth.Northcott@ul.org, https://ul.org/

BSR/UL 4041-202x, Standard for Outdoor Furniture (new standard)
Inquiries may be directed to Elizabeth Northcott; Elizabeth.Northcott@ul.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.

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

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

ANSI/AHRI Standard 260 (I-P)-2010, Sound Rating of Ducted Air Moving and Conditioning Equipment
Questions may be directed to: Karl Best; kbest@ahrinet.org

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

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

ANSI/AHRI Standard 261 (SI)-2010, Sound Rating of Ducted Air Moving and Conditioning Equipment
Questions may be directed to: Karl Best; kbest@ahrinet.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.

AISI (American Iron and Steel Institute)

3425 Drighton Court, Bethlehem, PA 18020-1335 | jlarson@steel.org, www.steel.org

New Standard

ANSI/AISI S250-2021, North American Standard for Thermal Transmittance of Building Envelopes with Cold-Formed Steel Framing (new standard) Final Action Date: 8/12/2021

ANS (American Nuclear Society)

555 North Kensington Avenue, La Grange Park, IL 60526 | kmurdoch@ans.org, www.ans.org

Reaffirmation

ANSI/ANS 8.12-1987 (R2021), Nuclear Criticality Control and Safety of Plutonium-Uranium Fuel Mixtures Outside Reactors (reaffirmation of ANSI/ANS 8.12-1987 (R2016)) Final Action Date: 8/16/2021

ASSP (Safety) (American Society of Safety Professionals)

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

New Standard

ANSI/ASSP Z359.9-2021, Personal Equipment for Protection Against Falls - Descent Controllers (new standard) Final Action Date: 8/11/2021

AWS (American Welding Society)

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

Revision

ANSI/AWS D1.8/D1.8M-2021, Structural Welding Code Seismic Supplement (revision of ANSI/AWS D1.8/D1.8M-2016) Final Action Date: 8/16/2021

CSA (CSA America Standards Inc.)

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

Reaffirmation

ANSI/CSA FC 3-2004 (R2021), Portable Fuel Cell Power Systems (reaffirmation of ANSI/CSA FC3-2004 (R2017)) Final Action Date: 8/12/2021

ECIA (Electronic Components Industry Association)

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

Reaffirmation

ANSI/EIA 60384-11-2014 (R2021), Fixed Capacitors for Use in Electronic Equipment - Part 11: Sectional Specification - Fixed Polyethylene-Terephthalate Film Dielectric Metal Foil d.c. Capacitors (reaffirmation of ANSI/EIA 60384-11-2014) Final Action Date: 8/10/2021

Reaffirmation

ANSI/EIA 60384-15-2014 (R2021), Fixed Capacitors for Use in Electronic Equipment - Part 15: Sectional Specification - Fixed Tantalum Capacitors with Non-Solid or Solid Electrolyte (reaffirmation of ANSI/EIA 60384-15-2014) Final Action Date: 8/10/2021

ECIA (Electronic Components Industry Association)

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

Reaffirmation
ANSI/EIA 60384-16-2014 (R2021), Fixed Capacitors for Use in Electronic Equipment - Part 16: Sectional Specification - Fixed Metallized Polypropylene Film Dielectric d.c. Capacitors (reaffirmation of ANSI/EIA 60384-16-2014) Final Action Date: 8/10/2021

Reaffirmation
ANSI/EIA 60384-17-2014 (R2021), Fixed Capacitors for Use in Electronic Equipment - Part 17: Sectional Specification - Fixed Metallized Polypropylene Film Dielectric a.c. and Pulse Capacitors (reaffirmation of ANSI/EIA 60384-17-2014) Final Action Date: 8/10/2021

Reaffirmation
ANSI/EIA 60384-21-2014 (R2021), Fixed Capacitors for Use in Electronic Equipment - Part 21: Sectional Specification - Fixed Surface Mount Multilayer Capacitors of Ceramic Dielectric, Class 1 (reaffirmation of ANSI/EIA 60384-21-2014) Final Action Date: 8/10/2021

Reaffirmation
ANSI/EIA 60384-22-2014 (R2021), Fixed Capacitors for Use in Electronic Equipment - Part 22: Sectional Specification - Fixed Surface Mount Multilayer Capacitors of Ceramic Dielectric, Class 2 (reaffirmation of ANSI/EIA 60384-22-2014) Final Action Date: 8/10/2021

Reaffirmation
ANSI/EIA 60384-26-2014 (R2021), Fixed Capacitors for Use in Electronic Equipment - Part 26: Sectional Specification- Fixed Aluminium Electrolytic capacitors with Conductive Polymer Solid Electrolyte (reaffirmation of ANSI/EIA 60384-26 -2014) Final Action Date: 8/10/2021

Reaffirmation
ANSI/EIA 60938-1-2014 (R2021), Fixed Inductors for Electromagnetic Interference Suppression - Part 1: Generic Specification (reaffirmation of ANSI/EIA 60938-1-2014) Final Action Date: 8/10/2021

Reaffirmation
ANSI/EIA 60938-2-2014 (R2021), Fixed Inductors for Electromagnetic Interference Suppression - Part 2: Sectional Specification (reaffirmation of ANSI/EIA 60938-2-2014) Final Action Date: 8/10/2021

Reaffirmation
ANSI/EIA 60938-2-1-2014 (R2021), Fixed Inductors for Electromagnetic Interference Suppression - Part 2-1: Blank Detail Specification - Inductors for which Safety Tests Are Required - Assessment Level D (reaffirmation of ANSI/EIA 60938-2-1-2014) Final Action Date: 8/10/2021

Reaffirmation
ANSI/EIA 60938-2-2-2014 (R2021), Fixed Inductors for Electromagnetic Interference Suppression - Part 2-2: Blank Detail Specification - Inductors for which Safety Tests Are Required (Only) (reaffirmation of ANSI/EIA 60938-2-2-2014) Final Action Date: 8/10/2021

Reaffirmation
ANSI/EIA 62391-1-2014 (R2021), Fixed electric double-layer capacitors for use in electric and electronic equipment - Part 1: Generic specification (reaffirmation of ANSI/EIA 62391-1-2014) Final Action Date: 8/10/2021

FCI (Fluid Controls Institute)

1300 Sumner Avenue, Cleveland, OH 44115 | fci@fluidcontrolsinstitute.org, www.fluidcontrolsinstitute.org

Revision
ANSI/FCI 70-3-2021, Standard for Regulator Seat Leakage Testing (revision of ANSI/FCI 70-3-2016) Final Action Date: 8/16/2021

FCI (Fluid Controls Institute)

1300 Sumner Avenue, Cleveland, OH 44115 | fci@fluidcontrolsinstitute.org, www.fluidcontrolsinstitute.org

Revision
ANSI/FCI 99-2-2021, Standard for Pressure Reducing Regulator Capacity (revision of ANSI/FCI 99-2-2015) Final Action Date: 8/16/2021

HI (Hydraulic Institute)

6 Campus Drive, 1st Floor North, Parsippany, NJ 07054 | pgaydon@pumps.org, www.pumps.org

Revision
ANSI/HI 9.6.2-2021, Rotodynamic Pumps for Assessment of Applied Nozzle Loads (revision of ANSI/HI 9.6.2-2015) Final Action Date: 8/16/2021

NEMA (ASC C8) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Arlington, VA 22209 | Khaled.Masri@nema.org, www.nema.org

Revision
ANSI ICEA S-90-661-2021, Standard for Category 3 and 5E Individually Unshielded Twisted Pairs, Indoor Cables (with or without An Overall Shield) for Use in General Purpose and LAN Communication Wiring Systems (revision of ANSI/ICEA S-90-661-2012) Final Action Date: 8/10/2021

Revision
ANSI ICEA S-91-674-2021, Coaxial and Coaxial/Twisted Pair Hybrid Buried Service Wires - Technical Requirements (revision of ANSI ICEA S-91-674-2011) Final Action Date: 8/10/2021

NSF (NSF International)

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

Revision
ANSI/NSF 2-2021 (i41r2), Food Equipment (revision of ANSI/NSF 2-2019) Final Action Date: 8/10/2021

Revision
ANSI/NSF 55-2021 (i57r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2019) Final Action Date: 8/13/2021

Revision
ANSI/NSF 455-2-2021 (i21r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2 -2020) Final Action Date: 8/8/2021

Revision
ANSI/NSF 455-2-2021 (i22r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2 -2020) Final Action Date: 8/9/2021

Revision
ANSI/NSF 455-3-2021 (i28r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2019) Final Action Date: 8/8/2021

Revision
ANSI/NSF 455-3-2021 (i29r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2019) Final Action Date: 8/9/2021

Revision
ANSI/NSF 455-4-2021 (i35r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4 -2019) Final Action Date: 8/8/2021

NSF (NSF International)

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

Revision
ANSI/NSF 455-4-2021 (i36r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4 -2020) Final Action Date: 8/9/2021

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Vickie.T.Hinton@ul.org, https://ul.org/

Reaffirmation
ANSI/UL 60079-30-1-2017 (R2021), Standard for Safety for Explosive Atmospheres - Part 30-1: Electrical Resistance Trace Heating - General and Testing Requirements (reaffirm a national adoption ANSI/UL 60079-30-1-2017) Final Action Date: 8/11/2021

Reaffirmation
ANSI/UL 122701-2017 (R2021), Standard for Safety for Requirements for Process Sealing between Electrical Systems and Flammable or Combustible Process Fluids (reaffirmation of ANSI/UL 122701-2017) Final Action Date: 8/11/2021

Revision
ANSI/UL 2443-2021, Standard for Flexible Sprinkler Hose with Fittings for Fire Protection Service (revision of ANSI/UL 2443-2020) Final Action Date: 8/13/2021

Call for Members (ANS Consensus Bodies)

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

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, Saint Joseph, MI 49085 | vangilder@asabe.org, https://www.asabe.org/
Carla VanGilder; vangilder@asabe.org

BSR/ASABE S648-5.1 MONYEAR-202x, Agricultural Field Equipment Braking - Part 5: Requirements for the Interface between Towing Vehicle and Towed Vehicles (revision and redesignation of ANSI/ASABE S648-5 MAR2020)

BSR/ASAE S318.19 MONYEAR-202x, Safety for Agricultural Field Equipment (revision and redesignation of ANSI/ASAE S318.18-JUN2017)

CSA (CSA America Standards Inc.)

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

BSR/CSA NGV 5.2-2017 (R202x), Standard for Compressed Natural Gas Vehicle (NGV) Fueling Appliances (reaffirmation of ANSI/CSA NGV 5.2-2017)

CTA (Consumer Technology Association)

1919 S. Eads Street, Arlington, VA 22202 | cakers@cta.tech, www.cta.tech
Catrina Akers; cakers@cta.tech

BSR/CTA 709.10-202x, Web Services for Control Networking Protocol Specification (new standard)

LIA (ASC Z136) (Laser Institute of America)

12001 Research Parkway, Suite 210, Orlando, FL 32828 | lcaldero@lia.org, www.laserinstitute.org
Liliana Caldero; lcaldero@lia.org

BSR Z136.8-202x, Standard for Safe Use of Lasers in Research, Development, or Testing (revision of ANSI Z136.8-2021)

NAAMM (National Association of Architectural Metal Manufacturers)

123 College Place, #1101, Norfolk, VA 23510 | wlewis7@cox.net, www.naamm.org
Vernon (Wes) Lewis; wlewis7@cox.net

BSR/NAAMM HMMA 861-202x, Guide Specifications for Commercial Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 861-2014)

BSR/NAAMM HMMA 862-202x, Guide Specifications for Commercial Security Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 862-2013)

NSF (NSF International)

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

BSR/NSF 44-202x (i49r1), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2018)

BSR/NSF 53-202x (i138r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2020)

Call for Members (ANS Consensus Bodies)

ANSI Accredited Standards Developer

ECIA - Electronic Components Industry Association

P-2.5 Solid Electrolytic Capacitors

Are you interested in contributing to the development and maintenance of valuable industry standards on all types of tantalum capacitors? Although all interest categories are welcome, the P-2.5 Committee is actively soliciting members in the following categories with the goal of achieving Committee balance:
o User
o General Interest
If you are interested in joining P-2.5, please contact Edward F. Mikoski, Jr, ECIA Vice President of Standards and Technology at mailto:emikoski@ecianow.org.

ANSI Accredited Standards Developer

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

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

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

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

Call for Comment Public Review Extended

CAPA - Certified Automotive Parts Association

BSR/CAPA 601-001-202x Comment Deadline Extended to: October 4, 2021

At the request of the ANSI-Accredited Standards Developer, the public review and comment deadline period has been extended to October 4, 2021 for anyone wishing to review and comment on the following proposal:

BSR/CAPA 601-001-202x

Standard Test Method for Vibration Testing of Automotive Replacement Radiators
(new standard)
Abstract: To provide a test method that may be used to evaluate the quality of the heat exchanger fabrication processes, such as brazing, of automotive replacement radiators.
Send comments (with optional copy to psa@ansi.org) to: bernadette.kronberg@intertek.com
Obtain an electronic copy from: www.capacertified.org
Single copy price: Free
Bernadette Kronberg | p: (616) 656-7483 e: Bernadette.Kronberg@intertek.com, www.CAPAcertified.org

Corrections

NEMA - National Electrical Manufacturers Association

ANSI/NEMA ESM1-1-2021 Designation changed to ANSI/NEMA SM 31000-1 2021

The May 18, 2021 ANSI approval Designation for ANSI/NEMA ESM1-1-2021, Electrical Submeter - General Requirements has been changed to ANSI/NEMA SM 31000-1 2021, Electrical Submeter - General Requirements. Please direct inquiries to: Andrei Moldoveanu; and_moldoveanu@nema.org

Corrections

NEMA - National Electrical Manufacturers Association

ANSI/NEMA ESM1-2-2021 Designation changed to ANSI NEMA SM 31000-2-2021

The August 6, 2021 ANSI approval Designation for ANSI/NEMA ESM1-2-2021, Electrical SubmeterActive Energy Accuracy has been changed to ANSI NEMA SM 31000-2-2021, Electrical SubmeterActive Energy Accuracy. Please direct inquiries to: Andrei Moldoveanu; and_moldoveanu@nema.org

Corrections

UL - Underwriters Laboratories

BSR/UL 62275-202X Project Intent changed to Adopt ISO or IEC standard with modifications and revise current ANS

The wrong project intent was announced for UL 62275 in the 12/18/2020 Standards Action. The project intent should have been “Adopt ISO or IEC standard with modifications and revise current ANS." The revision is an adoption of the 3rd edition of the IEC standard. The first and second editions of UL 62275 were also IEC adoptions. Please direct inquiries to: Sabrina Khrebtov; sabrina.khrebtov@ul.org

Accreditation Announcements (Standards Developers)

Approval of Accreditation – ASD

USEMCSC - United States EMC Standards Corp.

Effective August 18, 2021

ANSI's Executive Standards Council has approved **USEMCSC - United States EMC Standards Corp.**, a new ANSI member in 2021, as an ANSI Accredited Standards Developer (ASD) under its proposed operating procedures for documenting consensus on USEMCSC -sponsored American National Standards, effective **August 18, 2021**. For additional information, please contact: Daniel Hoolihan, United States EMC Standards Corp. (USEMCSC) | 32515 Nottingham Court, P.O. Box 367, Lindstrom, MN 55045 | (651) 269-3569, danielhollihanemc@aol.com

Approval of Reaccreditation – ASD

MHI - Material Handling Industry

Effective August 16, 2021

The reaccreditation of **MHI - Material Handling Industry** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on MHI-sponsored American National Standards, effective **August 16, 2021**. For additional information, please contact: Patrick Davison, Material Handling Industry (MHI) | 8720 Red Oak Boulevard, Charlotte, NC 28217 | (704) 714-8755, pdavison@mhi.org

Approval of Reaccreditation – ASD

MHI (ASC MHC) - Material Handling IndustryUnit Loads & Transport Packages; Pallets, Slip Sheets and Other Bases for Unit Loads

Effective August 16, 2021

The reaccreditation of **MHI (ASC MHC) - Material Handling Industry**
Unit Loads & Transport Packages; Pallets, Slip Sheets and Other Bases for Unit Loads has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on MHI (ASC MHC)-sponsored American National Standards, effective **August 16, 2021**. For additional information, please contact: Patrick Davison, Material Handling Industry (MHI (ASC MHC)) | 8720 Red Oak Boulevard, Charlotte, NC 28217 | (704) 714-8755, pdavison@mhi.org

Public Review of Revised ASD Operating Procedures

AMCA - Air Movement and Control Association

Comment Deadline: August 29, 2021

The **AMCA - Air Movement and Control Association**, an ANSI Member and Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on AMCA-sponsored American National Standards, under which it was last reaccredited in 2018. As the revisions appear to be substantive in nature, the reaccreditation process is initiated. To obtain a copy of the revised procedures or to offer comments, please contact: Joseph Brooks, Air Movement and Control Association (AMCA); 30 West University Drive, Arlington Heights, IL 60004-1893; (847) 394-0150; jbrooks@amca.org

Click here to view/download a copy of the revisions during the public review period.

Please submit any public comments on the revised procedures to AMCA by **August 30, 2021**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

American National Standards (ANS) Process

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

Where to find Procedures, Guidance, Interpretations and More…

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

- ANSI Essential Requirements: Due process requirements for American National Standards (always current edition): www.ansi.org/essentialrequirements
- ANSI Standards Action (weekly public review announcements of proposed ANS and standards developer accreditation applications, listing of recently approved ANS, and proposed revisions to ANS-related procedures): www.ansi.org/standardsaction
- Accreditation information – for potential developers of American National Standards (ANS): www.ansi.org/sdoaccreditation
- ANS Procedures, ExSC Interpretations and Guidance (including a slide deck on how to participate in the ANS process and the BSR-9 form): www.ansi.org/asd
- Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS: www.ansi.org/asd
- American National Standards Key Steps: www.ansi.org/anskeysteps
- American National Standards Value: www.ansi.org/ansvalue
- ANS Web Forms for ANSI-Accredited Standards Developers - 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 (ASD) Contacts

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

AAFS
American Academy of Forensic Sciences
410 North 21st Street
Colorado Springs, CO 80904
www.aafs.org

Teresa Ambrosius
tambrosius@aafs.org

ACCT
Association for Challenge Course Technology
PO Box 19797
Boulder, CO 80308
www.acctinfo.org

Shawn Tierney
shawn@acctinfo.org

AISI
American Iron and Steel Institute
3425 Drighton Court
Bethlehem, PA 18020
www.steel.org

Jay Larson
jlarson@steel.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526
www.ans.org

Kathryn Murdoch
kmurdoch@ans.org

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
Saint Joseph, MI 49085
https://www.asabe.org/

Carla VanGilder
vangilder@asabe.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
180 Technology Parkway
Peachtree Corners, GA 30092
www.ashrae.org

Carmen King
cking@ashrae.org

Emily Toto
etoto@ashrae.org

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

Terrell Henry
ansibox@asme.org

ASSP (Safety)
American Society of Safety Professionals
520 N. Northwest Highway
Park Ridge, IL 60068
www.assp.org

Lauren Bauerschmidt
LBauerschmidt@assp.org

AWS
American Welding Society
8669 NW 36th Street, Suite 130
Miami, FL 33166
www.aws.org

Jennifer Molin
jmolin@aws.org

Stephen Borrero
sborrero@aws.org

Stephen Hedrick
steveh@aws.org

AWWA
American Water Works Association
6666 W. Quincy Avenue
Denver, CO 80235
www.awwa.org

Paul Olson
polson@awwa.org

CSA
CSA America Standards Inc.
8501 E. Pleasant Valley Road
Cleveland, OH 44131
www.csagroup.org

David Zimmerman
ansi.contact@csagroup.org

CTA
Consumer Technology Association
1919 S. Eads Street
Arlington, VA 22202
www.cta.tech

Catrina Akers
cakers@cta.tech

ECIA
Electronic Components Industry Association
13873 Park Center Road, Suite 315
Herndon, VA 20171
www.ecianow.org

Laura Donohoe
ldonohoe@ecianow.org

ESTA
Entertainment Services and Technology Association
271 Cadman Plaza, P.O. Box 23200
Brooklyn, NY 11202
www.esta.org

Karl Ruling
standards@esta.org

FCI
Fluid Controls Institute
1300 Sumner Avenue
Cleveland, OH 44115
www.fluidcontrolsinstitute.org

Leslie Schraff
fci@fluidcontrolsinstitute.org

HI
Hydraulic Institute
300 Interpace Parkway, Building A, 3rd Floor
Parsippany, NJ 07054
www.pumps.org

Amy Sisto
asisto@pumps.org

HI
Hydraulic Institute
6 Campus Drive, 1st Floor North
Parsippany, NJ 07054
www.pumps.org

Peter Gaydon
pgaydon@pumps.org

HL7
Health Level Seven
3300 Washtenaw Avenue, Suite 227
Ann Arbor, MI 48104
www.hl7.org

Karen Van Hentenryck
Karenvan@HL7.org

ITI (INCITS)
InterNational Committee for Information Technology Standards
700 K Street NW, Suite 600
Washington, DC 20001
www.incits.org

Deborah Spittle
comments@standards.incits.org

LIA (ASC Z136)
Laser Institute of America
12001 Research Parkway, Suite 210
Orlando, FL 32828
www.laserinstitute.org

Liliana Caldero
lcaldero@lia.org

NAAMM
National Association of Architectural Metal Manufacturers
123 College Place, #1101
Norfolk, VA 23510
www.naamm.org

Vernon (Wes) Lewis
wlewis7@cox.net

NEMA (ASC C137)
National Electrical Manufacturers Association
1300 N 17th Street, Suite 900
Rosslyn, VA 22209
www.nema.org

Michael Erbesfeld
Michael.Erbesfeld@nema.org

NEMA (ASC C8)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 900
Arlington, VA 22209
www.nema.org

Khaled Masri
Khaled.Masri@nema.org

NFPA
National Fire Protection Association
One Batterymarch Park
Quincy, MA 02169
www.nfpa.org

Dawn Michele Bellis
dbellis@nfpa.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105
www.nsf.org

Allan Rose
arose@nsf.org

Monica Leslie
mleslie@nsf.org

Rachel Brooker
rbrooker@nsf.org

PMMI (Organization)
PMMI - The Association for Packaging and Processing Technologies
11911 Freedom Drive, Suite 600
Reston, VA 20190
www.pmmi.org

Fred Hayes
fhayes@pmmi.org

SCTE
Society of Cable Telecommunications Engineers
140 Philips Rd
Exton, PA 19341
www.scte.org

Kim Cooney
kcooney@scte.org

TAPPI
Technical Association of the Pulp and Paper Industry
15 Technology Parkway South, Suite 115
Peachtree Corners, GA 30092
www.tappi.org

William Millians
standards@tappi.org

UL
Underwriters Laboratories
12 Laboratory Drive
Research Triangle Park, NC 27709
https://ul.org/

Julio Morales
Julio.Morales@UL.org

Nicolette Weeks
Nicolette.A.Weeks@ul.org

Vickie Hinton
Vickie.T.Hinton@ul.org

UL
Underwriters Laboratories
333 Pfingsten Road
Northbrook, IL 60062
https://ul.org/

Susan Malohn
Susan.P.Malohn@ul.org

UL
Underwriters Laboratories
47173 Benicia Street
Fremont, CA 94538
https://ul.org/

Derrick Martin
Derrick.L.Martin@ul.org

Linda Phinney
Linda.L.Phinney@ul.org

VC (ASC Z80)
The Vision Council
225 Reinekers Lane, Suite 700
Alexandria, VA 22314
www.z80asc.com

Michele Stolberg
ascz80@thevisioncouncil.org

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

Additive manufacturing (TC 261)

ISO/ASTM DIS 52936-1, Additive manufacturing of polymers - Powder bed fusion - Part 1: General principles and preparation of test specimens for PBF-LB - 11/4/2021, $46.00

Agricultural food products (TC 34)

ISO/DIS 22003-1, Food safety management systems - Requirements for bodies providing audit and certification of food safety management systems - Part 1: Requirements for bodies providing audit and certification of food safety management systems - 11/4/2021, $107.00

ISO/DIS 22003-2, Food safety management systems - Requirements for bodies providing audit and certification of food safety management systems - Part 2: Requirements for bodies providing evaluation and certification of products, processes and services, including an audit of the food safety system - 11/4/2021, $102.00

Applications of statistical methods (TC 69)

ISO/DIS 10576, Statistical methods - Guidelines for the evaluation of conformity with specified requirements - 11/4/2021, $62.00

Biotechnology (TC 276)

ISO/FDIS 5058-1, Biotechnology - Genome editing - Part 1: Vocabulary - 11/4/2021, $58.00

Building construction (TC 59)

ISO/DIS 12006-3, Building construction - Organization of information about construction works - Part 3: Framework for object-oriented information - 11/4/2021, $146.00

ISO/DIS 19650-4, Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 4: Information exchange - 11/4/2021, $62.00

Cleanrooms and associated controlled environments (TC 209)

ISO/DIS 14644-4, Cleanrooms and associated controlled environments - Part 4: Design, construction and start-up - 11/4/2021, FREE

Corrosion of metals and alloys (TC 156)

ISO/DIS 4212, Corrosion of metals and alloys - Method of oxalic acid etching test for intergranular corrosion of austenitic stainless steel - 11/4/2021, $40.00

Dentistry (TC 106)

ISO/DIS 9333, Dentistry - Brazing materials - 11/4/2021, $58.00

Earth-moving machinery (TC 127)

ISO/DIS 6683, Earth-moving machinery - Seat belts and seat belt anchorages - Performance requirements and tests - 10/31/2021, $46.00

Environmental management (TC 207)

ISO/DIS 14100, Guidance on environmental criteria for projects, assets and activities to support the development of green finance - 10/31/2021, $98.00

Fluid power systems (TC 131)

ISO/DIS 4405, Hydraulic fluid power - Fluid contamination - Determination of particulate contamination by the gravimetric method - 11/4/2021, $58.00

ISO/FDIS 10094-1, Pneumatic fluid power - Electro-pneumatic pressure control valves - Part 1: Main characteristics to include in the suppliers literature - 11/4/2021, $62.00

ISO/FDIS 10094-2, Pneumatic fluid power - Electro-pneumatic pressure control valves - Part 2: Test methods to determine main characteristics to include in the suppliers literature - 11/4/2021, $93.00

Footwear (TC 216)

ISO/FDIS 16189, Footwear - Critical substances potentially present in footwear and footwear components - Test method to quantitatively determine dimethylformamide in footwear materials - 11/4/2021, $40.00

ISO/FDIS 16190, Footwear - Critical substances potentially present in footwear and footwear components - Test method to quantitatively determine polycyclic aromatic hydrocarbons (PAHs) in footwear materials - 11/4/2021, $58.00

Furniture (TC 136)

ISO/FDIS 3055, Kitchen equipment - Coordinating sizes - 11/4/2021, $58.00

Graphic technology (TC 130)

ISO/DIS 5776, Graphic technology - Symbols for text proof correction - 11/4/2021, $112.00

ISO/DIS 23498, Graphic technology - Visual opacity of printed white ink - 10/31/2021, $53.00

Health Informatics (TC 215)

ISO/DIS 13119, Health informatics - Clinical knowledge resources - Metadata - 11/4/2021, $93.00

Information and documentation (TC 46)

ISO/DIS 13008, Information and documentation - Digital records conversion and migration process - 11/4/2021, $93.00

ISO/DIS 26324, Information and documentation - Digital object identifier system - 10/31/2021, FREE

Light gauge metal containers (TC 52)

ISO/DIS 24021-1, Light gauge metal containers - Terminology and classification - Part 1: Open-top cans and ends - 11/4/2021, FREE

Light metals and their alloys (TC 79)

ISO/DIS 23515, Titanium and titanium alloys - Designation system - 10/29/2021, $53.00

Mechanical vibration and shock (TC 108)

ISO/DIS 20816-3, Mechanical vibration - Measurement and evaluation of machine vibration - Part 3: Industrial machinery with a power rating above 15 kW and operating speeds between 120 min-1 and 30 000 min-1 - 11/4/2021, $88.00

Nuclear energy (TC 85)

ISO/DIS 18077, Reload startup physics tests for pressurized water reactors - 10/31/2021, $93.00

ISO/DIS 18589-2, Measurement of radioactivity in the environment - Soil - Part 2: Guidance for the selection of the sampling strategy, sampling and pre-treatment of samples - 10/28/2021, $93.00

Paper, board and pulps (TC 6)

ISO/FDIS 6587, Paper, board and pulps - Determination of conductivity of aqueous extracts - 11/4/2021, $40.00

Plastics (TC 61)

ISO/DIS 5148, Plastics - Determination of specific aerobic biodegradation rate of solid plastic materials and disappearance time (DT50) under mesophilic laboratory test conditions - 11/4/2021, $67.00

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

ISO/DIS 13844, Plastics piping systems - Elastomeric-sealing-ring type socket joints of unplasticized poly(vinyl chloride) (PVC-U) for use with PVC-U pipes - Test method for leaktightness under negative pressure - 11/4/2021, $40.00

ISO/DIS 4437-1, Plastics piping systems for the supply of gaseous fuels - Polyethylene (PE) - Part 1: General - 11/4/2021, $77.00

ISO/DIS 4437-2, Plastics piping systems for the supply of gaseous fuels - Polyethylene (PE) - Part 2: Pipes - 11/4/2021, $77.00

ISO/DIS 4437-3, Plastics piping systems for the supply of gaseous fuels - Polyethylene (PE) - Part 3: Fittings - 11/4/2021, $98.00

ISO/DIS 4437-5, Plastics piping systems for the supply of gaseous fuels - Polyethylene (PE) - Part 5: Fitness for purpose of the system - 11/4/2021, $58.00

Quality management and quality assurance (TC 176)

ISO/DIS 10008, Quality management - Customer satisfaction - Guidance for business-to-consumer electronic commerce transactions - 10/31/2021, $102.00

Road vehicles (TC 22)

ISO/FDIS 21111-6, Road vehicles - In-vehicle Ethernet - Part 6: Electrical 100-Mbit/s physical entity requirements and conformance test plan - 11/4/2021, $175.00

ISO/DIS 15500-21, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 21: Discharge line closures - 10/31/2021, $33.00

ISO/FDIS 21111-10, Road vehicles - In-vehicle Ethernet - Part 10: Transport layer and network layer conformance test plans - 11/4/2021, $194.00

Security (TC 292)

ISO/FDIS 22329, Security and resilience - Emergency management - Guidelines for the use of social media in emergencies - 11/4/2021, $67.00

Sieves, sieving and other sizing methods (TC 24)

ISO/DIS 13317-1, Determination of particle size distribution by gravitational liquid sedimentation methods - Part 1: General principles and guidelines - 11/4/2021, $134.00

Sludge recovery, recycling, treatment and disposal (TC 275)

ISO/DIS 19388, Sludge recovery, recycling, treatment and disposal - Guidelines for the operation of anaerobic digestion facilities - 11/5/2021, FREE

Soil quality (TC 190)

ISO/DIS 13914, Soil, treated biowaste and sludge - Determination of dioxins and furans and dioxin-like polychlorinated biphenyls by gas chromatography with high resolution mass selective detection (HR GC-MS) - 10/31/2021, $107.00

Textiles (TC 38)

ISO/FDIS 23332-1, Textiles - Determination of index ingredient from coloured textile - Part 1: Catechu - 11/5/2007, $40.00

ISO/FDIS 23332-2, Textiles - Determination of index ingredient from coloured textile - Part 2: Lac - 11/5/2007, $40.00

ISO/FDIS 23332-3, Textiles - Determination of index ingredient from coloured textile - Part 3: Punica granatum - 11/5/2007, $40.00

Traditional Chinese medicine (TC 249)

ISO/FDIS 23961-1, Traditional Chinese medicine - Vocabulary for diagnostics - Part 1: Tongue - 11/13/2023, $107.00

ISO/FDIS 23961-2, Traditional Chinese medicine - Vocabulary for diagnostics - Part 2: Pulse - 11/13/2023, $82.00

Water quality (TC 147)

ISO/DIS 7704, Water quality - Requirements for the performance testing of membrane filters used for direct enumeration of microorganisms by culture methods - 10/31/2021, $102.00

Water re-use (TC 282)

ISO/DIS 24297, Guidelines for treatment and reuse of leachate from municipal solid waste (MSW) incineration plants - 11/9/2008, $93.00

Welding and allied processes (TC 44)

ISO/FDIS 15614-13, Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 13: Upset (resistance butt) and flash welding - 11/5/2026, $67.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 23385, Information technology - Office equipment - Method for measuring single photo printing time for digital printing devices - 11/10/2011, $71.00

ISO/IEC DIS 24668, Information technology - Artificial intelligence - Process management framework for Big data analytics - 10/29/2021, $125.00

ISO/IEC DIS 23002-7, Information technology - MPEG video technologies - Part 7: Versatile supplemental enhancement information messages for coded video bitstreams - 10/29/2021, $165.00

ISO/IEC DIS 23090-3, Information technology - Coded representation of immersive media - Part 3: Versatile video coding - 10/29/2021, $281.00

ISO/IEC DIS 23090-5, Information technology - Coded representation of immersive media - Part 5: Visual volumetric video-based coding (V3C) and video-based point cloud compression (V-PCC) - 10/29/2021, $245.00

ISO/IEC DIS 23094-3, Information technology - General video coding - Part 3: Conformance and Reference Software for Low Complexity Enhancement Video Coding - 10/31/2021, $88.00

ISO/IEC DIS 14496-10, Information technology - Coding of audio-visual objects - Part 10: Advanced video coding - 10/29/2021, $311.00

ISO/IEC DIS 14496-15/DAmd1, Information technology - Coding of audio-visual objects - Part 15: Carriage of network abstraction layer (NAL) unit structured video in the ISO base media file format - Amendment 1: Improved support for tiling and layering - 10/25/2021, $40.00

IEC Standards

CABPUB/194/CD, ISO/IEC CD2 17043 Conformity assessment - General requirements for the competence of proficiency testing providers, 10/08/2021

SMB/7385/QP, ISO/IEC Directives Part 1 - Consolidated JTC 1 Supplement 2021 - Procedures specific to JTC 1, 09/10/2021

8B/98/CD, IEC TS 63189-1 ED1: Virtual Power Plants - Part 1: Architecture and Functional Requirements, 10/08/2021

17C/803/NP, PNW 17C-803 ED1: High-voltage switchgear and controlgear - Part 208: Methods to quantify the steady state, power-frequency electromagnetic fields generated by HV switchgear assemblies and HV/LV prefabricated substations, 11/05/2021

34A/2254/FDIS, IEC 62868-2-3 ED1: Organic light emitting diode (OLED) light sources for general lighting - Safety - Part 2-3: Particular requirements - Flexible OLED tiles and panels, 09/24/2021

46C/1196/CD, IEC 62807-3 ED1: Hybrid telecommunication cables - Part 3: Outdoor hybrid cables - Sectional specification, 11/05/2021

46C/1197/CD, IEC 62807-3-10 ED1: Hybrid Telecommunication Cables - Part 3-10: Family specification for FTTA hybrid communication cables, 11/05/2021

48B/2910/CD, IEC 63171-7 ED1: Connectors for electrical and electronic equipment - Part 7: Detail specification for 4-way to 6-ways plus PE or FE (data/power) shielded, free and fixed circular connectors for balanced single-pair data transmission current-carrying capacity: mechanical mating information, pin assignment and additional requirements for type 7, 11/05/2021

86B/4488/CDV, IEC 61753-043-02 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 043-02: Simplex patch-cord style single-mode fibre wavelength selective devices with cylindrical ferrule connectors for category C - Controlled environment, 11/05/2021

86B/4500(F)/FDIS, IEC 61753-131-03 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 131-03: Single-mode mechanical fibre splice for category OP - Outdoor protected environment, 09/03/2021

86B/4507/NP, PNW TS 86B-4507 ED1: Reliability of fibre optic interconnecting devices and passive optical components - Part 9 -5: Reliability qualification for protective housings, 11/05/2021

94/525/NP, PNW 94-525 ED1: All-or-nothing electrical relays - Testing and measurement - Part 7-1: Visual inspection and check of dimensions, 10/08/2021

94/526/NP, PNW 94-526 ED1: All-or-nothing electrical relays - Testing and measurement - Part 7-4: Dielectric strength test, impulse voltage test, 10/08/2021

94/527/NP, PNW 94-527 ED1: All-or-nothing electrical relays - Testing and measurement - Part 7-16: Soldering, solderability and resistance to soldering heat, 10/08/2021

94/528/NP, PNW 94-528 ED1: All-or-nothing electrical relays - Testing and measurement - Part 7-19: Electrical endurance testing, 10/08/2021

94/529/NP, PNW 94-529 ED1: All-or-nothing electrical relays - Testing and measurement - Part 7-20: Mechanical endurance, 10/08/2021

94/530/NP, PNW 94-530 ED1: All-or-nothing electrical relays - Testing and measurement - Part 7-23: Test: Overload contact circuit, 10/08/2021

94/531/NP, PNW 94-531 ED1: All-or-nothing electrical relays - Testing and measurement - Part 7-25: Magnetic interference, 10/08/2021

94/532/NP, PNW 94-532 ED1: All-or-nothing electrical relays - Testing and measurement - Part 7-40: Short circuit testing, 10/08/2021

94/533/NP, PNW 94-533 ED1: All-or-nothing electrical relays - Testing and measurement - Part 7-41: Insulation coordination, 10/08/2021

94/534/NP, PNW 94-534 ED1: All-or-nothing electrical relays - Testing and measurement - Part 7-43: Proof tracking test, 10/08/2021

100/3638/DTR, IEC TR 63246-4 ED1: Multimedia systems and equipment for cars - Configurable Car Infotainment Services (CCIS) - Part 4: Protocol, 10/08/2021

CIS/A/1344/CDV, CISPR 16-2-3/AMD2 ED4: Amendment 2: Measurement method for radiated disturbance measurements below 30 MHz, 11/05/2021

CIS/H/437/CD, CISPR 16-4-6 ED1: Specification for radio disturbance and immunity Measuring apparatus and methods - Part 4-6: Uncertainties, statistics and limit modelling - Statistics on radio frequency interference (RFI) and verification by measurements in the field, 11/05/2021

Documentation and graphical symbols (TC 3)

3/1524/CDV, ISO 81346-10 ED2: Industrial systems, installations and equipment and industrial products - Structuring principles and reference designation - Part 10: Power plants, 11/05/2021

Electric traction equipment (TC 9)

9/2746(F)/FDIS, IEC 61375-2-8 ED1: Electronic railway equipment - Train communication network (TCN) - Part 2-8: TCN conformance test, 09/10/2021

Electrical accessories (TC 23)

23/980/CDV, IEC 63044-5-3/AMD1 ED1: Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-3: EMC requirements for HBES/BACS used in industrial environments, 11/05/2021

23/981/CDV, IEC 63044-5-2/AMD1 ED1: Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-2: EMC requirements for HBES/BACS used in residential, commercial and light-industrial environments, 11/05/2021

23/982/CDV, IEC 63044-5-1/AMD1 ED1: Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-1: EMC requirements, conditions and test set-up, 11/05/2021

23A/976(F)/FDIS, IEC 61914 ED3: Cable cleats for electrical installations, 09/03/2021

23E/1237/CDV, IEC 62606/AMD2 ED1: Amendment 2 - General requirements for arc fault detection devices, 11/05/2021

23E/1238/CDV, IEC 60755-1 ED1: General safety requirements for residual current operated protective devices - Part 1: Residual current operated protective devices for DC systems, 11/05/2021

Electrical equipment in medical practice (TC 62)

62B/1254/FDIS, IEC 62563-2 ED1: Medical electrical equipment - Medical image display systems - Part 2: Acceptance and constancy tests for medical image displays, 09/24/2021

Environmental standardization for electrical and electronic products and systems (TC 111)

111/635/NP, PNW TS 111-635 ED1: Guidance on material circularity considerations in environmentally conscious design, 11/05/2021

Fibre optics (TC 86)

86B/4489/CDV, IEC 61755-1 ED2: Fibre optic interconnecting devices and passive components - Connector optical interfaces for single-mode fibres - Part 1: Optical interfaces for dispersion unshifted fibres - General and guidance, 11/05/2021

Flat Panel Display Devices (TC 110)

110/1343/NP, PNW 110-1343 ED1: 3D Display Devices - Part 62-12: Measurement methods for virtual-image type - Image Quality, 10/08/2021

110/1345/CD, IEC TR 62977-1-31/AMD1 ED1: Amendment 1 - Electronic displays - Part 1-31: Generic - Practical information on the use of light measuring devices, 10/08/2021

Insulating materials (TC 15)

15/946/CDV, IEC 60684-3-281 ED2: Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 281: Heat-shrinkable, polyolefin sleeving, semiconductive, 11/05/2021

15/947/CDV, IEC 60684-3-282 ED2: Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 282: Heat-shrinkable, polyolefin sleeving - Stress control, 11/05/2021

Performance of household electrical appliances (TC 59)

59C/267/FDIS, IEC 63159-1 ED1: Household electric instantaneous water heaters - Methods for measuring the performance - Part 1: General aspects, 09/24/2021

59C/268/FDIS, IEC 63159-2-1 ED1: Household electric instantaneous water heaters - Methods for measuring the performance - Part 2 -1: Multifunctional electric instantaneous water heaters, 09/24/2021

59C/269/FDIS, IEC 63159-2-2 ED1: Household electric instantaneous water heaters - Methods for measuring the performance - Part 2 -2: Efficiency of single point of use electric instantaneous water heaters, 09/24/2021

Power electronics (TC 22)

22F/642(F)/FDIS, IEC 61954 ED3: Static var compensators (SVC) - Testing of thyristor valves, 09/10/2021

22F/649/DTR, IEC TR 62543 ED2: High-voltage direct current (HVDC) power transmission using voltage sourced converters (VSC), 10/08/2021

22F/650/DTR, IEC TR 63259 ED1: Water cooling system for power electronics used in electrical transmission and distribution systems, 10/08/2021

Printed Electronics (TC 119)

119/369/FDIS, IEC 62899-201-2 ED1: Printed electronics - Part 201 -2: Materials - Substrates - Measurement methods for properties of stretchable substrates, 09/24/2021

119/370/FDIS, IEC 62899-202-4 ED1: Printed electronics - Part 202 -4: Materials - Conductive ink - Measurement methods for properties of stretchable printed layers(conductive and insulating), 09/24/2021

Solar photovoltaic energy systems (TC 82)

82/1936/FDIS, IEC 60891 ED3: Photovoltaic devices - Procedures for temperature and irradiance corrections to measured I-V characteristics, 09/24/2021

Wind turbine generator systems (TC 88)

88/837/Q, Proposed amendment with urgent updates in IEC 61400 -1:2019, Wind energy generation systems - Part 1: Design Criteria, 09/24/2021

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

Agricultural food products (TC 34)

ISO 13496:2021, Meat and meat products - Detection and determination of colouring agents, $225.00

Anaesthetic and respiratory equipment (TC 121)

ISO 21917:2021, Anaesthetic and respiratory equipment - Voice prostheses, $73.00

Building environment design (TC 205)

ISO 11855-5:2021, Building environment design - Embedded radiant heating and cooling systems - Part 5: Installation, $73.00

Foundry machinery (TC 306)

ISO 23472-3:2021, Foundry machinery - Vocabulary - Part 3: Die casting machines and other equipment related to permanent mold casting process, $48.00

Hydrogen energy technologies (TC 197)

ISO 19880-8/Amd1:2021, Gaseous hydrogen - Fuelling stations - Part 8: Fuel quality control - Amendment 1: Alignment with Grade D of ISO 14687, $20.00

Implants for surgery (TC 150)

ISO 18193:2021, Cardiovascular implants and artificial organs - Cannulae for extracorporeal circulation, $175.00

Information and documentation (TC 46)

ISO 23081-2:2021, Information and documentation - Metadata for managing records - Part 2: Conceptual and implementation issues, $175.00

Mechanical vibration and shock (TC 108)

ISO 13091-2:2021, Mechanical vibration - Vibrotactile perception thresholds for the assessment of nerve dysfunction - Part 2: Analysis and interpretation of measurements at the fingertips, $149.00

ISO 15230-1:2021, Mechanical vibration and shock - Coupling forces at the man-machine interface for hand-transmitted vibration - Part 1: Measurement and evaluation, $149.00

ISO 18436-1:2021, Condition monitoring and diagnostics of machine systems - Requirements for certification of personnel - Part 1: Sector specific requirements for certification bodies and the certification process, $48.00

Nuclear energy (TC 85)

ISO 23468:2021, Reactor technology - Power reactor analyses and measurements - Determination of heavy water isotopic purity by Fourier transform infrared spectroscopy, $149.00

Petroleum products and lubricants (TC 28)

ISO 11009:2021, Petroleum products and lubricants - Determination of water washout characteristics of lubricating greases, $73.00

Plastics (TC 61)

ISO 13000-1:2021, Plastics - Polytetrafluoroethylene (PTFE) semi-finished products - Part 1: Requirements and designation, $73.00

ISO 13000-2:2021, Plastics - Polytetrafluoroethylene (PTFE) semi-finished products - Part 2: Preparation of test specimens and determination of properties, $73.00

Railway applications (TC 269)

ISO 22074-7:2021, Railway infrastructure - Rail fastening systems - Part 7: Test method for clamping force and uplift stiffness, $73.00

Road vehicles (TC 22)

ISO 6622-1:2021, Internal combustion engines - Piston rings - Part 1: Rectangular rings made of cast iron, $149.00

ISO 18669-1:2021, Internal combustion engines - Piston pins - Part 1: General specifications, $149.00

Rubber and rubber products (TC 45)

ISO 22762-5:2021, Elastomeric seismic-protection isolators - Part 5: Sliding seismic-protection isolators for buildings, $200.00

Textiles (TC 38)

ISO 22958:2021, Textiles - Water resistance - Rain tests: exposure to a horizontal water spray, $73.00

Tyres, rims and valves (TC 31)

ISO 10191:2021, Passenger car tyres - Verifying tyre capabilities - Laboratory test methods, $111.00

ISO 18804:2021, Rims for agricultural, forestry and construction machines, $149.00

ISO 4000-1:2021, Passenger car tyres and rims - Part 1: Tyres (metric series), $225.00

ISO Technical Reports

Aircraft and space vehicles (TC 20)

ISO/TR 17400:2021, Space systems - Space launch complexes, integration sites and other facilities - General testing guidelines, $149.00

Fire safety (TC 92)

ISO/TR 5729:2021, Evaluation of physical parameters of filter paper substrates for the determination of the ignition propensity of cigarettes, $111.00

Solar energy (TC 180)

ISO/TR 9901:2021, Solar energy - Pyranometers - Recommended practice for use, $200.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 7816-8:2021, Identification cards - Integrated circuit cards - Part 8: Commands and mechanisms for security operations, $175.00

ISO/IEC 29500-2:2021, Document description and processing languages - Office Open XML file formats - Part 2: Open packaging conventions, $225.00

ISO/IEC 30134-6:2021, Information technology - Data centres key performance indicators - Part 6: Energy Reuse Factor (ERF), $111.00

IEC Standards

Industrial-process measurement and control (TC 65)

IEC 61784-5-2 Ed. 4.0 b:2018, Industrial communication networks - Profiles - Part 5-2: Installation of fieldbuses - Installation profiles for CPF 2, $443.00

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 82 – Mining and ISO/TC 82/SC 7 – Mine Closure and Reclamation Management

ANSI has been informed that CSA Group, the ANSI-accredited U.S. TAG Administrator for ISO/TC 82 – *Mining* and ISO/TC 82/SC 7 – *Mine closure and reclamation management*, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 82 operates under the following scope:

Standardization of:

· *specifications relating to specialized mining machinery and equipment used in opencast mines (e.g. conveyors, high wall miners, rock drill rigs and continuous surface miners) and all underground mining machinery and equipment for the extraction of solid mineral substances [e.g. road headers, continuous miners, rock drill rigs, raise boring machines, high wall miners, LHDs, mining auger boring machines, RMDSs (rapid mine development systems)]*
· *recommended practice in the presentation of plans and drawings used in mine surveying*
· *methods of calculation of mineral reserves*
· *mine reclamation management*
· *design of structures for mining industry.*
· *special refuge/rescue chambers*
· *shaft boring machines.*

Excluded:

· *foundation machines [e.g. piling, diaphragm walling, earth boring, jetting, grouting, drill rigs for soil and rock mixture (ISO/TC 195)]*
· *aggregate processing machines (e.g. screening, crushing)*
· *equipment and protective systems to be used in explosive atmospheres (IEC/TC 31)*
· *hand-held rock drills (ISO/TC 118)*
· *earth-moving machinery (by ISO/TC 127)*
· *geotechnics (ISO/TC 182)*
· *tunnel boring machines (TBMs) and associated machines and equipment (ISO/TC 195).*

ISO/TC 82/SC 7 operates under the following scope:

Standardization of mine reclamation management to minimize mine impacts that occur during the lifecycle of resource development, such as during exploration, extraction, suspension of operation, mine closure, reclamation, and follow-up management. Mine closure planning shall be re-established at every stage for sustainable resource development and risk management. However, it is expected that safety and health issues related to workplace activity will be excluded from this context. Mine closure planning shall be re-established at every stage for sustainable resource development and risk management.

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG 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

FiRa

Public Review: June 25 through September 27, 2021

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.

Public Review Draft

Proposed Addendum h to Standard 189.1-2020

Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

First Public Review (August 2021)
(Draft Shows Proposed Changes to Current Standard)

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

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

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

ASHRAE, 180 Technology Pkwy, Peachtree Corners, GA 30092

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

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

Foreword

This addendum adds a new provision to include leak detection devices in the plumbing system of buildings. These devices include sensor inputs such as transducers to continuously monitor the water distribution system dynamics and identify and report abnormal system states, including leaks. These devices are installed on a main water line and they can detect overfill situations, valves left on, drip leaks, and freezing water in lines using transducers that measure events using pressure waves. The benefit is that leaks can be prevented or mitigated, saving water and minimizing building damage, effectively increasing the resiliency of the building.

Cost impacts are in the $300-$600 range per unit. The requirement would be enforced by verifying the installation of the device. LEED has approved a Water Leak Detection and Monitoring pilot credit for these devices.

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

Addendum h to 189.1-2020

Insert new section 6.3.5.2 as follows; renumber subsequent sections:

6.3.5.2 Leak detection. An electronic device capable of using flow, acoustic, or pressure data to detect a leak or unusual flow condition and communicating an alert shall be installed in the *building project* water supply and, where submeters are required per Table 6.3.5.1B, in distribution systems.

AWWA C110/A21.10

Substantive changes for Public Review

Second Review - Limited to Highlighted Items Only

August 6, 2021

The following technical or substantive revisions have been made to AWWA C110 in response to input received during the Subcommittee No. 3 ballot for C110, CLB #38-17, closing date of June 8, 2017. The changes for consideration in this review are highlighted in yellow in the items below. The changes proposed are in response to a negative comment that was submitted with CLB #38-17 which had been previously overlooked. This item has now been resolved with this proposed revision through email exchanges with the subcommittee, the committee and subcommittee chairs, and the commenter. Subcommittee No. 3 has approved these changes with CLB #17-21, which closed June 9, 2021. The full committee approved these changes with CLB #20-21, which closed on July 19, 2021.

1. Revise Sec. 5.4.2 to match the wording of AWWA C153-19 as follows:

5.4.2 *Physical test—ductile-iron fittings*. The standard ~~acceptance~~ conformance test for the physical characteristics of ductile-iron fittings shall be a tensile test on coupons cast from the same iron as the fittings.

Except as otherwise provided in this standard, coupons shall be cast and the test made in accordance with ASTM A536. The test coupon shall be obtained, at the manufacturer's option, from one of the following: (1) the ASTM A536 keel block, modified keel block, or Y-block separately cast coupon; (2) the castings' runner-bar system, provided that the diameter of the runner bar at the location where the coupon is selected is similar to the respective ASTM A536 coupon; or (3) the casting.

5.4.2.1 ~~Acceptance~~Conformance value**s**. The standard grade of iron shall be 70-50-05 or 65-45-12.~~, with acceptance~~ Conformance values for 70-50-05 are~~as follows~~: minimum tensile strength, 70,000 psi (483 MPa); minimum yield strength, 50,000 psi (345 MPa); minimum elongation, 5 percent. Conformance values for 65-45-12 are: minimum tensile strength, 65,000 psi (448 MPa); minimum yield strength, 45,000 psi (310 MPa); minimum elongation, 12 percent.

5.4.2.1.1 Other grades of iron. ~~may be acceptable provided the manufacturer of fittings produced from these grades is able to provide records to demonstrate that these fittings~~

~~meet the performance test requirements of this standard. Potentially acceptable grades include the following: 1.~~For 60-42-10 grade of iron, conformance values are as follows: minimum tensile strength, 60,000 psi (414 MPa); minimum yield strength, 42,000 psi (290 MPa); minimum elongation, 10 percent. The manufacturer of fittings produced from this grade must be able to provide records to demonstrate that these fittings meet the performance test requirements of this standard.

~~2. 65-45-12 grade of iron, conformance values are as follows: minimum tensile strength, 65,000 psi (448 MPa); minimum yield strength, 45,000 psi (310 MPa); minimum elongation, 12 percent.~~

5.4.3 Sampling. At least one sample shall be taken during each period of approximately 3 hr, while the melting unit is operated continuously.

Add this item to Sec. IV Major Revisions as follows:

4. Sec. 5.4.2.1 was modified to add 65-45-12 as a standard grade of iron.

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

1. Clarification of the Recycled Plastics Program in Section 10

10 Mechanically Recycled Plastic

10.1 General

10.1.1 Mechanically ~~Recycled~~ recycled plastic shall be evaluated to determine whether the variations between production batches have significantly affected critical material properties. Figure 10.1 illustrates the test program for recycled thermoplastic materials and the following paragraphs describe the test requirements and acceptability criteria.

Note from STP Project Manager: Only the title of Figure 10.1 has proposed changes. Since this proposal does not include any changes to the graphic for Figure 10.1, the graphic is not provided.

Figure 10.1

Mechanically ~~Recycled~~ recycled thermoplastic material test program

10.2 Mechanically Recycled Plastics with Consistent Identification

10.2.1 Mechanically ~~Recycled~~ recycled plastics meeting the identification comparison criteria in the Standard for Polymeric Materials – Short Term Property Evaluations, UL 746A, are to be categorized as recycled plastics with consistent identification.

10.2.2 Mechanically ~~Recycled~~ recycled plastics expected to meet the identification criteria in the Standard for Polymeric Materials – Short Term Property Evaluations, UL 746A between different batches are to have a complete series of UL 94 flammability and UL 746A identification tests, conducted on specimens for three production batches.

10.3 Mechanically Recycled Plastics without Consistent Identification

10.3.1 Mechanically ~~Recycled~~ recycled plastics not meeting the requirements stated in 10.1.1 are to be categorized as recycled plastics without consistent identification.

10.3.2 Mechanically ~~Recycled~~ recycled plastics without consistent identification are to have a complete series of flammability, ignition, tensile strength, impact strength, thermal softening, and dielectric strength tests conducted on specimens from a minimum of five production batches.

10.3.4 Mechanically ~~Recycled~~ recycled plastics without consistent identification are to be subjected to Infrared Analysis (IR) in accordance with the Standard for Polymeric Materials – Short Term Property Evaluations, UL 746A, on one batch, to confirm the

generic material class, e.g., polyethylene, polycarbonate, polypropylene, acrylonitrile-butadiene-styrene, etc., in accordance with the Standard for Polymeric Materials – Long Term Property Evaluations, UL 746B.

Table 10.1
Minimum Test Requirements For Compliance with Mechanically Recycled Plastic QA Program

UL 94 Rating	QA Test Programs
HB	Impact plus one additional test from 10.4.4
V-2, VTM-2 or better	Impact plus UL 94 flammability, or Impact plus two additional tests from 10.4.4

BSR/UL 758, Standard for Safety for Appliance Wiring Material

PROPOSAL

Table 5.3
Conductor – metal specifications

Conductor metal	ASTM reference for the metal	Temperature limit for the metal, °C (°F)	Other limits
Copper, uncoated, diameter of each strand or thickness of rectangular or tubular conductor less than 0.015 inch (0.38 mm)	ANSI/ASTM B 3	150 (302)	Uncoated conductor smaller than 0.003 inch (0.079 mm) meet the elongation requirements as defined for ~~40 AWG~~ conductors with a diameter of 0.003 inch (0.079 mm) as shown in ASTM B 3.