ANSI STANDARDS ACTION

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Project Initiation Notification System (PINS)

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

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

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

APA (APA - The Engineered Wood Association)

7011 South 19th Street, Tacoma, WA 98466 www.apawood.org
Contact: Borjen Yeh; borjen.yeh@apawood.org

Revision

BSR/ASD A190.1-202x, Product Standard for Structural Glued Laminated Timber (revision of ANSI A190.1-2017)

Stakeholders: Glulam manufacturers, distributors, designers, users, building code regulators, and government agencies
Project Need: Update the existing standard.
Scope: This standard covers the manufacturing, qualification, quality assurance, and installation requirements for structural glued laminated timber products.

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

180 Technology Parkway, Peachtree Corners, GA 30092 www.ashrae.org
Contact: Susan LeBlanc; sleblanc@ashrae.org

New Standard

BSR/ASHRAE Standard 185.3-202X, Method of Testing In-Room Devices and Systems for Microorganism Removal or Inactivation in a Chamber (new standard)

Stakeholders: Building owners, building operators, design engineers, commercial consumers, manufacturers and resellers of air-cleaning products, government agencies, and industry professional organizations.
Project Need: There is no standardized test method available to adequately describe performance of products claiming to inactivate infectious particles in the air, to enhance removal of infectious particles by capture or settling on surfaces, or both in actual use conditions. This proposed standard will be applicable to any product used in rooms and making claims of air and/or surface disinfection of infectious particles. This standard will allow direct comparisons of product efficacy that will be highly valuable to building owners, design engineers, and general commercial-industrial consumers looking to improve overall air cleaning.
Scope: The standard establishes a method of test for evaluating in-room devices and systems for microorganism removal or inactivation in a chamber.

ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 www.asme.org
Contact: Terrell Henry; ansibox@asme.org

Revision

BSR/ASME PCC-1-202x, Guidelines for Pressure Boundary Bolted Flange Joint Assembly (revision of ANSI/ASME PCC-1 -2019)

Stakeholders: Users, manufacturers, distributors, consultants, and government.
Project Need: This standard provides updates to the 2019 edition of the guidelines for pressure boundary bolted flange joint assembly standard.
Scope: The bolted flange join assembly (BFJA) guidelines described in this document apply to pressure-boundary flanged joints with ring-type gaskets that are entirely within the circle enclosed by the bolt holes and with no contact outside this circle. By selection of those features suitable to the specific service or need, these guidelines may be used to develop effective joint assembly procedures for the broad range of sizes and service conditions normally encountered in the process industries.

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 www.assp.org
Contact: Lauren Bauerschmidt; LBauerschmidt@assp.org

New Standard

BSR/ASSP Z9.7-202x, Recirculation of Air from industrial Process Exhaust Systems (new standard)

Stakeholders: OSH professionals.
Project Need: Based upon the consensus of the Z9 committee and the leadership of ASSP.
Scope: This standard established minimum criteria for the design and operation of a recirculating industrial process exhaust ventilation system used for contaminant control.

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 www.astm.org
Contact: Laura Klineburger; accreditation@astm.org

Revision

BSR/ASTM D2624-202x, Test Methods for Electrical Conductivity of Aviation and Distillate Fuels (revision of ANSI/ASTM D2624-2015)

Stakeholders: Additives and Electrical Properties industries.
Project Need: The ability of a fuel to dissipate charge that has been generated during pumping and filtering operations is controlled by its electrical conductivity, which depends upon its content of ion species. If the conductivity is sufficiently high, charges dissipate fast enough to prevent their accumulation and dangerously high potentials in a receiving tank are avoided.
Scope: These test methods cover the determination of the electrical conductivity of aviation and distillate fuels with and without a static dissipator additive. The test methods normally give a measurement of the conductivity when the fuel is uncharged, that is, electrically at rest (known as the rest conductivity).

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 www.atis.org
Contact: Drew Greco; dgreco@atis.org

Revision

BSR/ATIS 0600030-202x, Line-Powering of Telecommunications Equipment on Outside Plant (OSP) Copper Twisted Pair Loops (revision of ANSI/ATIS 0600030-2016)

Stakeholders: Communications industry.
Project Need: There is a need to update testing requirements in accordance with revised reference standards and clarify the Scope.
Scope: There are various standards that define telecommunications line-powering voltage limits, power limits, and safety-related precautions. This standard attempts to bring all those requirements into one document. This standard also addresses performance of line-, express-, and span-powering systems (also known as Remote Feeding Telecommunications Circuits [RFT]) in fault conditions and provides manufacturers, installers, and users of line power systems with a consistent fault condition testing and recording method. The fault current levels determined through this analysis can be compared to standards IEC 60479-1, Effects of Current on Human Beings and Livestock, Part 1 - General Aspects and IEC 60479-2, Effects of Current on Human Beings and Livestock, Part 2 - Special Aspects.

AWC (American Wood Council)

222 Catoctin Circle , Suite 201, Leesburg, VA 20175 www.awc.org
Contact: Bradford Douglas; bdouglas@awc.org

New Standard

BSR/AWC FDS-202x, Fire Design Specification for Wood Construction (new standard)

Stakeholders: Engineers, architects, and regulators.
Project Need: Since 2001, AWC's National Design Specification® for Wood Construction (NDS®) has contained provisions for the design of fire-exposed wood members to meet code-required structural fire-resistance ratings based on a standardized ASTM E119 time-temperature exposure. The expanded provisions are needed to provide designers with the proper tools to address the added fire resistance and thermal benefits of protection provided by use of additional wood, gypsum panel products, and insulation.
Scope: This proposed standard is intended to provide designers with a document that includes procedures, calculations, and specific language necessary for design of wood buildings to comply with general design requirements in codes and other referenced standards. This new standard will incorporate provisions from AWC's National Design Specification® for Wood Construction (NDS®) for the design of exposed wood members and will expand those provisions to provide calculation procedures to address the added fire resistance and thermal benefits of protection provided by use of additional wood, gypsum panel products, and insulation. In addition, these additional calculation provisions will provide standardized methods of calculating thermal separation and burn-through requirements as required in ASTM E119 and as provided in AWC’s Technical Report 10: Calculating the Fire Resistance of Exposed and Protected Wood Members (TR10).

CPLSO

The Marchioness Building, Commercial Road, Bristol BS16TG, UK BS1 6TG
Contact: Hugh Pratt; pratt.hugh@cplso.org

New Standard

BSR/CPLSO 18-202x, Crane Insulators - Selection, Use and Maintenance (new standard)

Stakeholders: Crane insulator manufacturers and users, crane manufacturers and users, construction industry
Project Need: Specifies requirements covering selection, use, and maintenance of crane insulators that are designed for use by operators of cranes and by the construction industry including tag line insulating links, in foundries, and for radio-frequency suppression. This Standard specifies selection, use, and maintenance required for these insulating devices.
Scope: To provide a national ANSI standard covering selection, use, and maintenance of crane insulators, for use by, but not limited to, the construction industry including tag-line insulating links, in foundries, and for radio-frequency suppression.

CTA (Consumer Technology Association)

1919 South Eads Street, Arlington, VA 22202 www.cta.tech
Contact: Veronica Lancaster; vlancaster@cta.tech

Revision

BSR/CTA 2006-D-202x, Testing and Measurement Methods for In-Vehicle Audio Amplifiers (revision and redesignation of ANSI/CTA 2006-C-2019)

Stakeholders: Consumers, manufacturers, and retailers.
Project Need: To update ANSI/CTA 2006-C and address the characteristics that, considered collectively, describe the performance of Power Amplifiers designed for In-Vehicle applications.
Scope: Defines characteristics that, considered collectively, describe the performance of Power Amplifiers designed for In-Vehicle applications. Power Amplifiers designed for In-Vehicle applications include, but are not limited to; separate single and multi-channel amplifiers, integrated amplifiers, and bandwidth-limited amplifiers that are connected to and rely solely on the vehicle's primary electrical system for power input and have output power ratings of greater than 5W when measured in accordance with ANSI/CTA 2006-C.

CTA (Consumer Technology Association)

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

New Standard

BSR/CTA 2076.2-202x, Indoor Network Navigation Systems for People who are Deaf, Hard of Hearing, and DeafBlind (new standard)

Stakeholders: Consumers, manufacturers, and retailers.
Project Need: To specify requirements for the design of inclusive audio-based network navigation systems (IABNNS) for those who are deaf, hard of hearing, and DeafBlind.
Scope: This standard builds upon the work in ANSI/CTA 2076 to specify requirements for the design of inclusive audio-based network navigation systems (IABNNS) for those who are deaf, hard of hearing, and DeafBlind. This standard helps design professionals achieve an inclusive environment through IABNNSs that augment the physical environment by the provision of visual-, haptic-, and audio-based information about environments for users.

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

700 K Street NW, Suite 600, Washington, DC 20001 www.incits.org
Contact: Deborah Spittle; comments@standards.incits.org

New Standard

INCITS 575-202x, Information Technology - Zoned Device ATA Command Set - 3 (ZAC-3) (new standard)

Stakeholders: ICT industry.
Project Need: The contemplated enhancements for ZAC-3 are considered essential for the continued growth of the storage market and to the expansion into the consumer storage segment.
Scope: ZAC-3 is the next generation of the Zoned Device ATA Command Set standards. It follows ZAC and ZAC-2. ZAC -3 will: document the command set implemented by devices that support the ATA architecture; address new features that were not sufficiently developed for ZAC-2; address any other proposals or modifications to the command set suggested or proposed by a T13 committee member; and other capabilities that may fit within the scope of this project.

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

New Standard

BSR ICEA S-118-746-202x, Standard for Standard for Category 8, 100 Ohm, Indoor Cables for use in LAN Communication Wiring Systems (new standard)

Stakeholders: Utility and telecommunication community.
Project Need: To establish generic technical requirements that may be referenced by individual telecommunications cable specifications covering products intended for normal indoor premises use in the wiring systems of communications users.
Scope: This standard covers mechanical, electrical, and flammability requirements for thermoplastic-insulated and -jacketed copper conductor for use as horizontal cables or patch cordage. Depending upon the application and system requirements, this standard provides choices for materials and flammability ratings.

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 www.nfpa.org
Contact: Dawn Michele Bellis; dbellis@nfpa.org

New Standard

BSR/NFPA 1010-202x, Standard for Firefighter, Fire Apparatus Driver/Operator, Airport Firefighter, and Marine Firefighting for Land-Based Firefighters Professional Qualifications (new standard)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.
Project Need: Public interest and need.
Scope: This standard provides minimum requirements for professional qualifications for positions identified in this standard.

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 www.nfpa.org
Contact: Dawn Michele Bellis; dbellis@nfpa.org

New Standard

BSR/NFPA 1550-202x, Standard for Emergency Responder Health and Safety (new standard)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.
Project Need: Public interest and need.
Scope: This standard identifies the minimum job performance requirements (JPRs) for a health and safety officer (HSO) and an incident safety officer (ISO) for a fire department and contains minimum requirements for a fire service–related occupational safety, health, and wellness program and an incident management system to be used by emergency services to manage all emergency incidents.

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 www.scte.org
Contact: Kim Cooney; kcooney@scte.org

Revision

BSR/SCTE 104-202x, Automation System to Compression System Communications Applications Program Interface (API) (revision of ANSI/SCTE 104-2019a)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
Scope: This standard defines the Communications API between an Automation System and the associated Compression System that will insert SCTE 35 private sections into the outgoing Transport Stream. This standard serves as a companion to both SCTE 35 and SCTE 30.

VITA (VMEbus International Trade Association (VITA))

929 W. Portobello Avenue, Mesa, AZ 85210 www.vita.com
Contact: Jing Kwok; jing.kwok@vita.com

New Standard

BSR/VITA 51.4-202x, Reliability Component Stress Analysis and Derating Standard (new standard)

Stakeholders: Manufacturers and users of embedded electronic modules.
Project Need: Define reliability component stress analysis and derating for embedded electronic modules.
Scope: This document describes an open standard for parts stress analysis and derating. It establishes uniform methods to increase a component's reliability margin by decreasing the amount of applied stress (i.e., voltage, current, temperature, power, etc.) to an electronic, electrical, or electromechanical part. Reducing the stress levels improves device reliability/durability by reducing failure rates, thereby improving the reliability and availability of the product.

Call for Comment on Standards Proposals

American National Standards

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

Comment Deadline: July 4, 2021

ABYC (American Boat and Yacht Council)

613 Third Street, Suite 10, Annapolis, MD 21403 | e: smoulton@abycinc.org, w: www.abycinc.org

New Standard

BSR/ABYC C-5-202x, Construction and Testing of Electric Navigation Lights (new standard)
This standard applies to the requirements for the design, construction, performance, and testing of electric navigation lights for boats.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Comments@abycinc.org

ABYC (American Boat and Yacht Council)

613 Third Street, Suite 10, Annapolis, MD 21403 | e: smoulton@abycinc.org, w: www.abycinc.org

Revision

BSR/ABYC A-16-202x, Installation of Electric Navigation Lights (revision of ANSI/ABYC A-16-2016)
This standard applies to the installation of electric navigation lights on boats.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: comments@abycinc.org

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

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

Addenda

BSR/ASHRAE Addendum 62.2f-202x, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2019)
This proposed addendum updates the references used for rating ventilation equipment. The revised references allow for ratings that better reflect installed performance and allow for improved performance metrics to be used in the future in the ASHRAE 62.2 Standard.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: July 4, 2021

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

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

Addenda

BSR/ASHRAE/ASHE Addendum 170c-202x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2021)
The proposed filter changes in Addendum c are to align Standard 170 requirements with FGI requirements for residential health care facilities.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

NSF (NSF International)

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

Revision

BSR/NSF 2-202x (i41r2), Food Equipment (revision of ANSI/NSF 2-2019)
Equipment covered by this Standard includes, but is not limited to, bakery, cafeteria, kitchen, and pantry units, and other food handling and processing equipment such as tables and components, counters, tableware, hoods, shelves, and sinks.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: arose@nsf.org

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | e: jsnider@nsf.org, w: www.nsf.org

Revision

BSR/NSF 14-202x (i111r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)
This Standard establishes minimum physical, performance, and health effects requirements for plastic piping system components and related materials. These criteria were established for the protection of public health and the environment.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: jsnider@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 42-202x (i116r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2020)
The point-of-use (POU) and point-of-entry (POE) systems addressed by this Standard are designed to be used 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 address one or more of the following: reduce substances affecting the aesthetic quality of the water, add chemicals for scale control, or limit microbial growth in the system (bacteriostatic). Substances may be soluble or particulate in nature. It is recognized that a system may be effective in controlling one or more of these substances but is not required to control all. 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 in this Standard. Filter 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.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: mleslie@nsf.org

Comment Deadline: July 4, 2021

NSF (NSF International)

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

Revision

BSR/NSF 455-2-202x (i24r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)
This Standard is intended to define a standardized approach for auditing to determine the level of compliance of dietary supplement products to 21 CFR 111 Current Good Manufacturing Practices (GMPs) in Manufacturing, Packaging, Labeling, or Holding Operations for Dietary Supplements as well as incorporating additional retailer requirements. It refers to the requirements for GMP applicable to all dietary supplements. It will assist in the determination of adequate facilities and controls for dietary supplement manufacture with sufficient quality to ensure suitability for intended use.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: rbrooker@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 455-2-202x (i28r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)
This Standard is intended to define a standardized approach for auditing to determine the level of compliance of dietary supplement products to 21 CFR 111 Current Good Manufacturing Practices (GMPs) in Manufacturing, Packaging, Labeling, or Holding Operations for Dietary Supplements as well as incorporating additional retailer requirements. It refers to the requirements for GMP applicable to all dietary supplements. It will assist in the determination of adequate facilities and controls for dietary supplement manufacture with sufficient quality to ensure suitability for intended use.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: rbrooker@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 455-3-202x (i23r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2019)
This Standard is intended to define a standardized approach for auditing to determine the level of compliance of cosmetic products to ISO 22716 Good Manufacturing Practices (GMPs) for cosmetics as well as incorporating additional retailer requirements. It refers to the requirements for GMPs applicable to all cosmetics. It will assist in the determination of adequate facilities and controls for cosmetic manufacture with sufficient quality to ensure suitability for intended use.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: rbrooker@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 455-3-202x (i35r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2019)
This Standard is intended to define a standardized approach for auditing to determine the level of compliance of cosmetic products to ISO 22716 Good Manufacturing Practices (GMPs) for cosmetics as well as incorporating additional retailer requirements. It refers to the requirements for GMPs applicable to all cosmetics. It will assist in the determination of adequate facilities and controls for cosmetic manufacture with sufficient quality to ensure suitability for intended use.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: rbrooker@nsf.org

Comment Deadline: July 4, 2021

NSF (NSF International)

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

Revision

BSR/NSF 455-4-202x (i40r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020)
This Standard is intended to define a standardized approach for auditing to determine the level of compliance of over-the-counter (OTC) drug products to 21 CFR Part 210 Current Good Manufacturing Practice in Manufacturing, Processing, Packing, or Holding of Drugs; General and 21 CFR Part 211 Current Good Manufacturing Practice for Finished Pharmaceuticals, well as incorporating additional retailer requirements. It refers to the requirements for good manufacturing practices (GMPs) applicable to all OTC drugs. It will assist in the determination of adequate facilities and controls for OTC drug manufacture with sufficient quality to ensure suitability for intended use.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: rbrooker@nsf.org

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | e: caroline.treuthardt@ul.org, w: https://ul.org/

Revision

BSR/UL 746F-202x, Standard for Safety for Polymeric Materials - Flexible Dielectric Film Materials for Use in Printed-Wiring Boards and Flexible Materials Interconnect Constructions (revision of ANSI/UL 746F-2021)
This proposal for UL 746F covers: (1) Add material property considerations for testing for new clause 8.1.13A; (2) Add halogen content testing in new clause 8.1.13B.
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)

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

Revision

BSR/UL 789-202x, Standard for Indicator Posts for Fire-Protection Service (revision of ANSI/UL 789-2018)
(1) Indicator posts with reducing gears.
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)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | e: caroline.treuthardt@ul.org, w: https://ul.org/

Revision

BSR/UL 796F-202x, Standard for Safety for Flexible Materials Interconnect Constructions (revision of ANSI/UL 796F-2021)
This proposal for UL 796F covers: (1) Clarify stiffener flammability samples in clause 12.15.2.1.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: July 19, 2021

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB BPR 142-202x, Best Practice Recommendations for the Resolution of Conflicts in Friction Ridge Examination (new standard)
This document provides the best practice recommendations for how to resolve conflicts between examiners at any point during the technical review or verification process of conflicting suitability decisions, conflicting source conclusions, and documentation of conflict resolution. This document does not address differences of opinion that occur at the consultation level or any organizational response once an error is discovered or the conflict(s) are resolved. Please note that comments on a re-circulation will only be accepted on revised sections of a document, comments made to text not revised from the previous public comment period will not be accepted.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination/.
Order from: Document will be provided electronically on AAFS Standards Board website (www.asbstandardsboard.org) free of charge.
Send comments (copy psa@ansi.org) to: asb@aafs.org

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 085-202x, Standard for Detection Canine Selection, Kenneling, and Healthcare (new standard)
This standard covers requirements for the selection, kenneling and health care pertaining to detection canines. It does not include training methodology standards. Please note that comments on a re-circulation will only be accepted on revised sections of a document, comments made to text not revised from the previous public comment period will not be accepted.
Single copy price: Free
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AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 092-202x, Standard for Training and Certification of Canine Detection of Explosives (new standard)
This standard provides the training requirements for a canine team (canine handler and canine), and details follow-on assessments for trained canine teams, in the field of explosives detection including traditional explosives detection canines (EDC), person screening canines (PSC), and explosives detection canines with person screening capabilities (EDC w/PSC). This standard is intended to be used as the basis for all phases of the training process and includes certification procedures, training and assessments, record keeping, and document management. Please note that comments on a re-circulation will only be accepted on revised sections of a document, comments made to text not revised from the previous public comment period will not be accepted.
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Comment Deadline: July 19, 2021

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 146-202x, Standard for Resolving Commingled Remains in Forensic Anthropology (new standard)
This document provides laboratory and field procedures and requirements for resolving commingled remains. The techniques presented include size, age, and sex similarities, articulation between skeletal elements, taphonomic similarities, and reconstruction of fragmentary remains. The document also describes the determination of MNI (Minimum Number of Individuals), as well as the LI (Lincoln Index) and MLNI (Most Likely Number of Individuals) based on the number of paired and unpaired bones. Please note that comments on a re-circulation will only be accepted on revised sections of a document, comments made to text not revised from the previous public comment period will not be accepted.
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AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | e: cbernier@aami.org, w: www.aami.org

Reaffirmation

BSR/AAMI ST55-2016 (R202x), Table-top steam sterilizers (reaffirmation of ANSI/AAMI ST55-2016)
This standard establishes minimum construction and performance requirements for small tabletop steam sterilizers that use saturated steam as the sterilizing agent and that have a volume less than or equal to 56.63 liters (2 cubic feet).
Single copy price: Free
Obtain an electronic copy from: cbernier@aami.org
Order from: Cliff Bernier; cbernier@aami.org
Send comments (copy psa@ansi.org) to: Same

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | e: cbernier@aami.org, w: www.aami.org

Revision

BSR/AAMI ST8-202x, Hospital steam sterilizers (revision of ANSI/AAMI ST8-2013 (R2018))
Applies to steam sterilizers that are intended for use in hospitals and other health care facilities and that have a volume greater than 56.63 liters (L) (2 cubic feet [ft3]).
Single copy price: Free
Obtain an electronic copy from: cbernier@aami.org
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AGMA (American Gear Manufacturers Association)

1001 N Fairfax Street, 5th Floor, Alexandria, VA 22314-1587 | e: tech@agma.org, w: www.agma.org

Reaffirmation

BSR/AGMA 2008-D11 (R202x), Assembling Bevel Gears (reaffirmation of ANSI/AGMA 2008-D11 (R2016))
This Standard was prepared for the assembly man in the factory and for the service man in the field. Each definition, explanation, and instruction is directed toward the physical appearance of the gears as they are inspected and assembled by these personnel.
Single copy price: $76.00
Obtain an electronic copy from: tech@agma.org
Order from: tech@agma.org
Send comments (copy psa@ansi.org) to: aboutaleb@agma.org

Comment Deadline: July 19, 2021

AGMA (American Gear Manufacturers Association)

1001 N Fairfax Street, 5th Floor, Alexandria, VA 22314-1587 | e: tech@agma.org, w: www.agma.org

Reaffirmation

BSR/AGMA 6013-B-2016 (R202x), Standard for Industrial Enclosed Gear Drives (reaffirmation of ANSI/AGMA 6013-B-2016)
This standard includes design, rating, lubrication, testing, and selection information for enclosed gear drives, including foot-mounted, shaft-mounted, screw conveyor drives, and gearmotors
Single copy price: $198.00
Obtain an electronic copy from: tech@agma.org
Order from: tech@agma.org
Send comments (copy psa@ansi.org) to: aboutaleb@agma.org

AGMA (American Gear Manufacturers Association)

1001 N Fairfax Street, 5th Floor, Alexandria, VA 22314-1587 | e: tech@agma.org, w: www.agma.org

Reaffirmation

BSR/AGMA 6113-B-2016 (R202x), Standard for Industrial Enclosed Gear Drives - Metric Edition (reaffirmation of ANSI/AGMA 6113-B-2016)
This standard includes design, rating, lubrication, testing, and selection information for enclosed gear drives, including foot-mounted, shaft-mounted, screw conveyor drives, and gearmotors.
Single copy price: $178.00
Obtain an electronic copy from: tech@agma.org
Order from: tech@agma.org
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AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

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

New Standard

BSR/AHRI Standard 1230 (I-P)-202x, Performance Rating of Variable Refrigerant Flow (VRF) Multi-Split Air-Conditioning and Heat Pump Equipment (new standard)
This standard applies to Variable Refrigerant Flow (VRF) Multi-split Air Conditioners and Multi-split Heat Pumps using distributed refrigerant technology, including all capacities of VRF Water-source Heat Pump systems and VRF Air-source systems with cooling capacity equal to or above 65,000 Btu/h.
Single copy price: Free
Obtain an electronic copy from: https://ahrinet.org/standards/how-to-participate
Send comments (copy psa@ansi.org) to: AHRI_Standards@ahrinet.org

AISI (American Iron and Steel Institute)

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

New Standard

BSR/AISI S250-202x, North American Standard for Thermal Transmittance of Building Envelopes with Cold-Formed Steel Framing (new standard)
This Standard applies to the overall thermal transmittance (U-factor) of building envelopes containing cold-formed steel framing. This Standard is intended to be used to determine thermal transmittance (U-factors) for assessing the energy code compliance of building envelopes for the following: (a) floor assemblies, (b) above-grade wall assemblies, and (c) roof/ceiling assemblies.
Single copy price: Free
Obtain an electronic copy from: hchen@steel.org
Send comments (copy psa@ansi.org) to: hchen@steel.org

Comment Deadline: July 19, 2021

ANS (American Nuclear Society)

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

Reaffirmation

BSR/ANS 6.4-2006 (R202x), Nuclear Analysis and Design of Concrete Radiation Shielding for Nuclear Power Plants (reaffirmation of ANSI/ANS 6.4-2006 (R2016))
The standard contains methods and data needed in design of concrete shielding required for protection of personnel and equipment against the effects of gamma rays and neutrons. Specific guidance is given regarding attenuation calculations, shielding design, and standards of documentation.
Single copy price: $264.00
Obtain an electronic copy from: orders@ans.org
Order from: orders@ans.org
Send comments (copy psa@ansi.org) to: P. Schroeder (pschroeder@ans.org)

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Suite 1100, Washington, DC 20001-5571 | e: hughesc@api.org, w: www.api.org

Revision

BSR/API Recommended Practice 754, Third Edition-202x, Process Safety Performance Indicators for the Refining and Petrochemical Industries (revision and redesignation of ANSI/API Recommended Practice 754, Second Edition-2016)
This recommended practice (RP) identifies leading and lagging process safety indicators useful for driving performance improvement. As a framework for measuring activity, status, or performance, this document classifies process safety indicators into four tiers of leading and lagging indicators. Tiers 1 and 2 are suitable for nationwide public reporting and Tiers 3 and 4 are intended for internal use at individual facilities. Guidance on methods for development and use of performance indicators is also provided.
Single copy price: Free
Obtain an electronic copy from: hughesc@api.org
Send comments (copy psa@ansi.org) to: hughesc@api.org

ASC X9 (Accredited Standards Committee X9, Incorporated)

275 West Street, Suite 107, Annapolis, MD 21401 | e: Ambria.frazier@x9.org, w: www.x9.org

Revision

BSR X9.100-160-1-202x, Magnetic Ink Printing (MICR) - Part 1: Formatting MICR (revision of ANSI X9.100-160-1-2015)
Part 1 of this standard covers only design considerations that apply to placement and location of magnetic ink printing on checks, drafts, and other documents intended for automated processing among depository institutions. Other types of documents such as internal control forms are not covered.
Single copy price: $100.00
Obtain an electronic copy from: ambria.frazier@x9.org
Order from: Ambria Frazier; Ambria.frazier@x9.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK62967-202x, Specification for Fabricated Fittings of Crosslinkable Polyethylene (CX-PE) (new standard)
https://www.astm.org/ANSI_SA
Single copy price: Free
Obtain an electronic copy from: cleonard@astm.org
Order from: Laura Klineburger; accreditation@astm.org
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ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM D7618-2013 (R202x), Specification for Ethyl Tertiary-Butyl Ether (ETBE) for Blending with Aviation Spark-Ignition Engine Fuel (reaffirmation of ANSI/ASTM D7618-2013 (R2017))
https://www.astm.org/ANSI_SA
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Reaffirmation

BSR/ASTM F1545-2017 (R202x), Specification for Plastic-Lined Ferrous Metal Pipe, Fittings, and Flanges (reaffirmation of ANSI/ASTM F1545-2017)
https://www.astm.org/ANSI_SA
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Reaffirmation

BSR/ASTM F1673-2017 (R202x), Specification for Polyvinylidene Fluoride (PVDF) Corrosive Waste Drainage Systems (reaffirmation of ANSI/ASTM F1673-2017)
https://www.astm.org/ANSI_SA
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Reaffirmation

BSR/ASTM F2390-2017 (R202x), Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent (DWV) Pipe and Fittings Having Post-Industrial Recycle Content (reaffirmation of ANSI/ASTM F2390-2017 (R2017))
https://www.astm.org/ANSI_SA
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Reaffirmation

BSR/ASTM F2737-2017 (R202x), Specification for Corrugated High Density Polyethylene (HDPE) Water Quality Units (reaffirmation of ANSI/ASTM F2737-2017 (R2017))
https://www.astm.org/ANSI_SA
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Reaffirmation

BSR/ASTM F2946-2017 (R202x), Specification for PVC Hub and Elastomeric Seal (Gasket) Tee Connection for Joining Plastic Pipe to in situ Pipelines and Manholes (reaffirmation of ANSI/ASTM F2946-2017 (R2017))
https://www.astm.org/ANSI_SA
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Revision

BSR/ASTM D1655-202x, Specification for Aviation Turbine Fuels (revision of ANSI/ASTM D1655-2020c)
https://www.astm.org/ANSI_SA
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Revision

BSR/ASTM D2239-202x, Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter (revision of ANSI/ASTM D2239-2017)
https://www.astm.org/ANSI_SA
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Revision

BSR/ASTM D2737-202x, Specification for Polyethylene (PE) Plastic Tubing (revision of ANSI/ASTM D2737-2012A (R2020))
https://www.astm.org/ANSI_SA
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Revision

BSR/ASTM D2774-202x, Practice for Underground Installation of Thermoplastic Pressure Piping (revision of ANSI/ASTM D2774-2021)
https://www.astm.org/ANSI_SA
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Revision

BSR/ASTM D3035-202x, Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter (revision of ANSI/ASTM D3035-2017)
https://www.astm.org/ANSI_SA
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Revision

BSR/ASTM D3244-202x, Practice for Utilization of Test Data to Determine Conformance with Specifications (revision of ANSI/ASTM D3244-2020)
https://www.astm.org/ANSI_SA
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Revision

BSR/ASTM D4054-202x, Practice for Evaluation of New Aviation Turbine Fuels and Fuel Additives (revision of ANSI/ASTM D4054-2020b)
https://www.astm.org/ANSI_SA
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Revision

BSR/ASTM D6792-202x, Practice for Quality Management Systems in Petroleum Products, Liquid Fuels, and Lubricants Testing Laboratories (revision of ANSI/ASTM D6792-2020)
https://www.astm.org/ANSI_SA
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Revision

BSR/ASTM D7566-202x, Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons (revision of ANSI/ASTM D7566-2020b)
https://www.astm.org/ANSI_SA
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Revision

BSR/ASTM D7856-202x, Specification for Color and Appearance Retention of Solid and Variegated Color Plastic Siding Products using CIELab Color Space (revision of ANSI/ASTM D7856-2015A)
https://www.astm.org/ANSI_SA
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Revision

BSR/ASTM E136-202x, Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750C (revision of ANSI/ASTM E136-2019)
https://www.astm.org/ANSI_SA
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Revision

BSR/ASTM E162-202x, Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source (revision of ANSI/ASTM E162-2016)
https://www.astm.org/ANSI_SA
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Revision

BSR/ASTM E2579-202x, Practice for Specimen Preparation and Mounting of Wood Products to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2579-2021)
https://www.astm.org/ANSI_SA
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Revision

BSR/ASTM E2653-202x, Practice for Conducting an Interlaboratory Study to Determine Precision Estimates for a Fire Test Method with Fewer Than Six Participating Laboratories (revision of ANSI/ASTM E2653-2015)
https://www.astm.org/ANSI_SA
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Revision

BSR/ASTM F628-202x, Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe With a Cellular Core (revision of ANSI/ASTM F628-2018)
https://www.astm.org/ANSI_SA
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Revision

BSR/ASTM F1804-202x, Practice for Determining Allowable Tensile Load for Polyethylene (PE) Gas Pipe During Pull-In Installation (revision of ANSI/ASTM F1804-2016 (R2020))
https://www.astm.org/ANSI_SA
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Revision

BSR/ASTM F2769-202x, Specification for Polyethylene of Raised Temperature (PE-RT) Plastic Hot and Cold-Water Tubing and Distribution Systems (revision of ANSI/ASTM F2769-2018)
https://www.astm.org/ANSI_SA
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ASTM (ASTM International)

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

Revision

BSR/ASTM F2785-202x, Specification for Polyamide 12 Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM F2785-2021)
https://www.astm.org/ANSI_SA
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ASTM (ASTM International)

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

Revision

BSR/ASTM F3313-202x, Test Method for Determining Impact Attenuation of Playground Surfaces within the Use Zone of Playground Equipment as Tested in the Field (revision of ANSI/ASTM F3313-2020)
https://www.astm.org/ANSI_SA
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ASTM (ASTM International)

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

Withdrawal

ANSI/ASTM D6777-2016, Test Method for Relative Rigidity of Poly(Vinyl Chloride)(PVC) Siding (withdrawal of ANSI/ASTM D6777-2016)
https://www.astm.org/ANSI_SA
Single copy price: Free
Obtain an electronic copy from: cleonard@astm.org
Order from: Laura Klineburger; accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

FCI (Fluid Controls Institute)

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

Revision

BSR/FCI 13-1-202x, Standard for Determining Condensate Loads to Size Steam Traps (revision of ANSI/FCI 13-1-2016)
The purpose of this standard is to help estimate condensate loads using generally accepted formulas. The result is then used to size a steam trap with sufficient safety factor to discharge the necessary flow throughout the positive pressure differential range without being grossly oversized. A properly sized steam trap can help provide reliable and efficient function.
Single copy price: Free
Obtain an electronic copy from: fci@fluidcontrolsinstitute.org
Send comments (copy psa@ansi.org) to: Leslie Schraff, fci@fluidcontrolsinstitute.org

HL7 (Health Level Seven)

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

Reaffirmation

BSR/HL7 CDAR2L3IG EMSRUNRPT, R2-2016 (R202x), HL7 Version 3 Implementation Guide for CDA Release 2 - Level 3: Emergency Medical Services; Patient Care Report, Release 2 - US REALM (reaffirmation of ANSI/HL7 CDAR2L3IG EMSRUNRPT, R2-2016)
This CDA implementation guide supports emergency medical service in the pre-hospital setting; specifically, it defines a Patient Run Report from the EMS Agency to the ED. Future versions will expand the scope to cover the full EMS domain, including transmissions to regulatory agencies and ad hoc updates and instructions. This guide is supported by Java class files to support document generation and validation, with or without the use of the Model Driven Health Tools application.
Single copy price: Free to members and non-members
Obtain an electronic copy from: Karenvan@HL7.org
Order from: Karen Van Hentenryck; Karenvan@HL7.org
Send comments (copy psa@ansi.org) to: Karenvan@HL7.org

Comment Deadline: July 19, 2021

HL7 (Health Level Seven)

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

Reaffirmation

BSR/HL7 EHR LTCFP, R1-2010 (R202x), HL7 EHR System Long Term Care Functional Profile, Release 1 - US Realm (reaffirmation of ANSI/HL7 EHR LTCFP, R1-2010)
The HL7 EHR Long-Term Care Functional Profile is based on HL7 EHR System Functional Model Release 1 and describes functional requirements for EHR Systems that serve long-term and post-acute care settings.
Single copy price: Free to members and non-members
Obtain an electronic copy from: Karenvan@HL7.org
Order from: Karen Van Hentenryck; Karenvan@HL7.org
Send comments (copy psa@ansi.org) to: Karenvan@HL7.org

HL7 (Health Level Seven)

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

Reaffirmation

BSR/HL7 V3 RBAC, R3-2016 (R202x), HL7 Version 3 Standard: Healthcare (Security and Privacy) Access Control Catalog, Release 3 (reaffirmation of ANSI/HL7 V3 RBAC, R3-2016)
Release 3 of the Healthcare Security and Privacy Access Control document updates Release 2 by including Attribute-based Access Control (ABAC) and Relationship Access Control (ReBAC).
Single copy price: Free to members and non-members
Obtain an electronic copy from: Karenvan@HL7.org
Order from: Karen Van Hentenryck; Karenvan@HL7.org
Send comments (copy psa@ansi.org) to: Karenvan@HL7.org

ISA (International Society of Automation)

67 Alexander Drive, Research Triangle Park, NC 27709 | e: crobinson@isa.org, w: www.isa.org

Revision

BSR/ISA 96.06.01-202x, Guidelines for the Specification of Self Contained Electro-Hydraulic Valve Actuators (revision of ANSI/ISA 96.06.01-2014)
This standard provides requirements for the specification of self-contained electro-hydraulic linear and rotary valve actuators, both double acting and single acting, used for on-off/isolating, positioning and continuous modulating duties. Self contained electro-hydraulic actuation is defined as any actuator which: utilizes hydraulic fluid as the driving medium; requires only electric power and a control signal to operate; has its own dedicated electronic controller; has its own dedicated hydraulic power unit (HPU).
Single copy price: $99.00
Obtain an electronic copy from: crobinson@isa.org
Send comments (copy psa@ansi.org) to: crobinson@isa.org

NEMA (ASC C136) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | e: David.Richmond@nema.org, w: www.nema.org

New Standard

BSR C136.50-202x, For Roadway and Area Lighting Equipment - Energy Measurement for a Network Lighting Control (NLC) Device with Locking Type Receptacle (new standard)
This standard describes methods and requirements for the measurement of energy consumption and the reporting of the consumption for outdoor lighting applications in a standard data format to meet revenue grade requirements using a solid state devise in a two wire installation. This standard does not address the communication of the data captured from the point of measurement.
Single copy price: $60.00
Obtain an electronic copy from: David.Richmond@nema.org
Order from: David Richmond; David.Richmond@nema.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: July 19, 2021

NEMA (ASC C136) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | e: David.Richmond@nema.org, w: www.nema.org

Stabilized Maintenance

BSR C136.11-2011 (S202x), Multiple Parallel Wired Sockets (stabilized maintenance of ANSI C136.11-2011 (R2016))
This standard covers medium and mogul screw base sockets as used in multiple fixture circuits or in luminaires designed and intended for parallel wired circuits and used in lighting roadways and other areas open to general use by the public.
Single copy price: $50.00
Obtain an electronic copy from: David.Richmond@nema.org
Order from: David Richmond; David.Richmond@nema.org
Send comments (copy psa@ansi.org) to: Same

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

New Standard

BSR ICEA S-130-760-202x, ICEA Standard For Broadband Twisted Pair Cable Filled And Unfilled, Polyolefin Insulated, Copper Conductor (new standard)
The purpose of this Standard is to establish generic technical requirements that may be referenced by individual telecommunications cable specifications covering products intended for broadband outside plant use. The parameters covered provide material, construction, and performance requirements that are applicable to filled, polyolefin-insulated and -jacketed cables of limited pair counts, including a variety of shield and jacket combinations.
Single copy price: $150.00
Obtain an electronic copy from: KHALED.MASRI@NEMA.ORG
Order from: Khaled Masri; Khaled.Masri@nema.org
Send comments (copy psa@ansi.org) to: Same

NETA (InterNational Electrical Testing Association)

3050 Old Centre Road, Suite 101, Portage, MI 49024 | e: MRichard@netaworld.org, w: www.netaworld.org

Revision

BSR/NETA ETT-202x, NETA Standard for Certification of Electrical Testing Technicians (revision of ANSI/NETA ETT-2018)
This Standard establishes minimum requirements for qualification and certification of the electrical testing technician (ETT). This Standard details the minimum training and experience requirements for electrical testing technicians and provides criteria for documenting qualifications and certification. This Standard details the minimum qualifications for an independent and impartial certifying body to certify electrical testing technicians.
Single copy price: $495.00
Obtain an electronic copy from: neta@netaworld.org
Order from: neta@netaworld.org
Send comments (copy psa@ansi.org) to: neta@netaworld.org

NSF (NSF International)

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

Revision

BSR/NSF 244-202x (i15r1), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244 -2020)
The point-of-use (POU) and point-of-entry (POE) systems addressed by this Standard are designed to be used for the supplemental microbial control of specific organisms that may occasionally be present in drinking water (public or private) because of intermittent incursions. Certain of these specific organisms that may be introduced into the drinking water are considered established or potential health hazards. This Standard establishes requirements for POU and POE drinking water treatment systems, and the materials and components used in these systems.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59043/244i15r1%20-%20Pass-Fail%20Criteria%20-%20JC%20memo%20%26%20ballot.pdf
Send comments (copy psa@ansi.org) to: mleslie@nsf.org

Comment Deadline: July 19, 2021

PHTA (Pool and Hot Tub Alliance)

2111 Eisenhower Avenue, Suite 500, Alexandria, VA 22314 | e: standards@phta.org, w: www.PHTA.org

Revision

BSR/PHTA/ICC-15-202x, Standard for Residential Swimming Pool and Spa Energy Efficiency (revision, redesignation and consolidation of ANSI/APSP/ICC S-15-2011, ANSI/APSP/ICC S-15 (Addenda)-2013)
This standard covers energy efficiency requirements for permanently installed residential aboveground/onground and inground swimming pools and inground spas operated by the property owner and used for bathing. This standard is intended to cover certain aspects of the swimming pool filtration and auxiliary system design; equipment, including pool and spa heaters; installation; and operational capabilities, for the purpose of minimizing energy consumption while maintaining water quality and temperature.
Single copy price: Free
Obtain an electronic copy from: standards@phta.org
Send comments (copy psa@ansi.org) to: standards@phta.org

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | e: caroline.treuthardt@ul.org, w: https://ul.org/

Revision

BSR/UL 746E-202x, Standard for Safety for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used In Printed Wiring Boards (revision of ANSI/UL 746E-2020)
This proposal for UL 746E covers: (1) Updating definitions of varnish building blocks for base materials; (2) Clarification of industrial laminate definition 2.53; (3) Editorial updates; (4) Correction of thermal indices for FR-4.0 and FR-4.1 in Table 10.2.
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 | e: caroline.treuthardt@ul.org, w: https://ul.org/

Revision

BSR/UL 796-202x, Standard for Safety for Printed Wiring Boards (revision of ANSI/UL 796-2020)
This proposal for UL 796 covers: (1) Update UL/ANSI CEM-3 and FR-4 types and editorial correction in Table 9.1; (2) Clarification of test pattern requirements in Section 10 and Figure 10.1; (3) Addition of reference to 13.1.6 in 13.2, Permanent Coatings Program; (4) Addition of non-plated via hole reference to notes for Figure 14.1; (5) Addition of reference to Flammability Only PWBs to 16.2.1 and 17.8.1; (6) Clarification of HDI Test Program in table 19.1; (7) Addition of reference to Ceramic Base Material Exception 9.1.3 in 20.1.2; (8) Addition of reference to annex A sample construction examples to 23.2; (9) Clarification of optional use of release agent and clips 25.2.4; (10) Clarification of foil thickness measurements by microsection 25.4.1; (11) Clarification of tolerances on conditioning parameters; (12) Clarification of HDI Bond Strength, Delamination and Blistering Testing 34.3.1; and (13) Editorial updates.
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: July 19, 2021

UL (Underwriters Laboratories)

12 Laboratory Drive, P.O. Box 13995, Research Triangle Park, NC 27709-3995 | e: Doreen.Stocker@ul.org, w: https://ul.org/

Revision

BSR/UL 867-202X, Standard for Safety for Electrostatic Air Cleaners (revision of ANSI/UL 867-2018)
The following changes in requirements to UL 867, Standard for Safety for Electrostatic Air Cleaners, are being proposed: (1) Requirements for battery-operated air cleaners; (2) UL 508C withdrawal and replacement with UL 61800-5-1.
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

VITA (VMEbus International Trade Association (VITA))

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

Reaffirmation

BSR/VITA 51.2-2016 (R202x), Physics of Failure Reliability Predictions (reaffirmation of ANSI/VITA 51.2-2016)
This standard provides standard processes, instructions and default parameters for using the Physics of Failure (PoF) approach for modeling the reliability of electronic products. It includes a discussion of the philosophy, context for use, definitions, models for key failure mechanisms, definition of the input data required, default values if technically feasible or the typical range of values as a guideline. It defines how modeling results are interpreted and used. It requires the documentation of modeling inputs, assumptions made during the analysis, modifications to the models and rationale for the analysis.
Single copy price: $25.00
Obtain an electronic copy from: admin@vita.com
Send comments (copy psa@ansi.org) to: admin@vita.com

Comment Deadline: August 3, 2021

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME MFC-9M-1998 (R202x), Measurement of Liquid Flow in Closed Conduits by Weighing Method (reaffirmation of ANSI/ASME MFC-9M-1998 (R2011))
This Standard specifies a method of liquid flow rate measurement in closed conduits by measuring the mass of liquid delivered into a weighing tank in a known time interval. It deals in particular with the measuring apparatus, procedure, and method for calculating the flow rate and the uncertainties associated with the measurement. The method described may be applied to any liquid, provided that its vapor pressure is such that any escape of liquid from the weighing tank by vaporization is not sufficient to affect the required measurement accuracy. Closed weighing tanks and their application to the flow measurement of liquids of high vapor pressure are not considered in this Standard.
Single copy price: $32.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Michelle Pagano; paganom@asme.org

Comment Deadline: August 3, 2021

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME MFC-10M-2000 (R202x), Method for Establishing Installation Effects on Flow Meters (reaffirmation of ANSI/ASME MFC-10M-2000 (R2011))
This Standard establishes methods for determining the influence of installation conditions or flow patterns on the performance of flowmeters in closed conduits (i.e., pipe, ducts, etc.). This Standard also addresses (a) means and terminology for defining a reference condition for flow calibration of a particular flowmeter; and (b) guidelines for extrapolation and interpolation of installation effects to untested piping conditions. This Standard does not supersede or otherwise replace qualification tests or installation tests that are specified by other standards such as ISO 9951.
Single copy price: $32.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Michelle Pagano; paganom@asme.org

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | e: k.evangelista@ieee.org, w: www.ieee.org

New Standard

BSR/IEEE C37.04-202x, IEEE Standard for Ratings and Requirements for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V (new standard)
This standard applies to ac high-voltage circuit breakers with rated nominal voltage above 1000 V. It establishes a rating structure, preferred ratings, construction, and functional component requirements. This standard encompasses the following:
- Three-pole circuit breakers used in three-phase systems;
- Single-pole circuit breakers used in single-phase systems;
- Attachments for these circuit breakers, such as bushings, current transformers, interlocks, shunt trips, etc., and auxiliary equipment sold with the circuit breakers such as closing relays and structural steel supports.
Single copy price: $152.00 [pdf]; $190.00 [Print]
Order from: https://www.techstreet.com/ieee/searches/27607189
Send comments (copy psa@ansi.org) to: k.evangelista@ieee.org

UL (Underwriters Laboratories)

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

New Standard

BSR/UL 4041-202x, Standard for Outdoor Furniture (new standard)
(1) Proposed adoption of the first edition of the Standard for Outdoor Furniture, UL 4041, as a UL standard for the U.S. and Canada.
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 | e: Nicolette.A.Weeks@ul.org, w: https://ul.org/

Revision

BSR/UL 9595-202X, Standard for Factory Follow-Up Services for Personal Flotation Devices (revision of ANSI/UL 9595-2020)
UL proposes a revision to the tensile tester jaw specifications for the Seam Seal Strength Test.
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

Technical Reports Registered with ANSI

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

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

New Technical Report

INCITS/ISO/IEC TR 22678:2019 [2021], Information Technology - Cloud Computing - Guidance For Policy Development, a Technical Report prepared by INCITS and registered with ANSI (technical report)
Provides guidance on the use of International Standards as a tool in the development of those policies that govern or regulate cloud service providers (CSPs) and cloud services, and those policies and practices that govern the use of cloud services in organizations. This includes material that explains cloud computing concepts and the role of cloud computing International Standards in formulating policies and practices.

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

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

New Technical Report

INCITS/ISO/IEC TS 23167:2020 [2021], Information Technology - Cloud Computing - Common Technologies and Techniques, a Technical Specification prepared by INCITS and registered with ANSI (technical report)
Provides a description of a set of common technologies and techniques used in conjunction with cloud computing. These include virtual machines (VMs) and hypervisors; containers and container management systems (CMSs); serverless computing; microservices architecture; automation; platform as a service systems and architecture; storage services; security, scalability and networking as applied to the above cloud computing technologies.

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

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

New Technical Report

INCITS/ISO/IEC TR 23187:2020 [2021], Information Technology - Cloud Computing - Interacting with Cloud Service Partners (CSNs), a Technical Report prepared by INCITS and registered with ANSI (technical report)
Provides an overview of and guidance on interactions between cloud service partners (CSNs), specifically cloud service brokers, cloud service developers and cloud auditors, and other cloud service roles. In addition, this document describes how cloud service agreements (CSAs) and cloud service level agreements (cloud SLAs) can be used to address those interactions.

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

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

New Technical Report

INCITS/ISO/IEC TR 23188:2020 [2021], Information Technology - Cloud Computing - Edge Computing Landscape, a Technical Report prepared by INCITS and registered with ANSI (technical report)
Examines the concept of edge computing, its relationship to cloud computing and IoT, and the technologies that are key to the implementation of edge computing. This document explores the following topics with respect to edge computing.

Technical Reports Registered with ANSI

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

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

New Technical Report

INCITS/ISO/IEC TS 27022:2021 [2021], Information Technology - Guidance on Information Security Management System Processes, a Technical Specification prepared by INCITS and registered with ANSI (technical report)
Defines a process reference model (PRM) for the domain of information security management, which is meeting the criteria defined in ISO/IEC 33004 for process reference models.

Final Actions on American National Standards

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

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

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

Addenda

ANSI/ASHRAE/IES Addendum aa to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019) Final Action Date: 5/28/2021

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

ANSI/ASME B89.1.8-2011 (R2021), Performance Evaluation of Displacement-Measuring Laser Interferometers (reaffirmation of ANSI/ASME B89.1.8-2011 (R2016)) Final Action Date: 5/25/2021

Reaffirmation

ANSI/ASME PTC 6A-2000 (R2021), Appendix to PTC 6 on Steam Turbines (reaffirmation of ANSI/ASME PTC 6A-2000 (R2016)) Final Action Date: 5/27/2021

Reaffirmation

ANSI/ASME PTC 30-1991 (R2021), Air Cooled Heat Exchangers (reaffirmation of ANSI/ASME PTC 30-1991 (R2016)) Final Action Date: 5/27/2021

Stabilized Maintenance

ANSI/ASME PTC 4.2-1969 (S2021), Coal Pulverizers (stabilized maintenance of ANSI/ASME PTC 4.2-1969 (R2016)) Final Action Date: 5/27/2021

ASTM (ASTM International)

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

New Standard

ANSI/ASTM E3291-2021, Guide for Reliability Demonstration Testing (new standard) Final Action Date: 5/18/2021

New Standard

ANSI/ASTM F3398-2021, Specification for Face and Ear Protective Devices for Air Soft Sports (new standard) Final Action Date: 5/18/2021

New Standard

ANSI/ASTM F3460-2021, Test Method for Seam Measurement Procedure for Baseballs and Softballs (new standard) Final Action Date: 5/15/2021

Reaffirmation

ANSI/ASTM D5006-2011 (R2021), Test Method for Measurement of Fuel System Icing Inhibitors (Ether Type) in Aviation Fuels (reaffirmation of ANSI/ASTM D5006-2011 (R2016)) Final Action Date: 5/18/2021

Reaffirmation

ANSI/ASTM F1979-2017 (R2021), Specification for Projectiles Used in the Sport of Paintball (reaffirmation of ANSI/ASTM F1979-2017) Final Action Date: 5/18/2021

Reaffirmation

ANSI/ASTM F2272-2013 (R2021), Specification for Paintball Markers (reaffirmation of ANSI/ASTM F2272-2013 (R2017)) Final Action Date: 5/18/2021

ASTM (ASTM International)

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

Reaffirmation
ANSI/ASTM F2773-2013 (R2021), Practice for Transfilling Compressed Air or Nitrogen and Safe Handling of Small Paintball Cylinders (reaffirmation of ANSI/ASTM F2773-2013 (R2017)) Final Action Date: 5/18/2021

Revision
ANSI/ASTM D910-2021, Specification for Leaded Aviation Gasolines (revision of ANSI/ASTM D910-2020A) Final Action Date: 5/18/2021

Revision
ANSI/ASTM D3841-2021, Specification for Glass-Fiber-Reinforced Polyester Plastic Panels (revision of ANSI/ASTM D3841-2016) Final Action Date: 5/18/2021

Revision
ANSI/ASTM D6299-2021, Practice for Applying Statistical Quality Assurance and Control Charting Techniques to Evaluate Analytical Measurement System Performance (revision of ANSI/ASTM D6299-2020) Final Action Date: 5/1/2021

Revision
ANSI/ASTM D6617-2021, Practice for Laboratory Bias Detection Using Single Test Result from Standard Material (revision of ANSI/ASTM D6617-2017) Final Action Date: 5/18/2021

Revision
ANSI/ASTM D6708-2021, Practice for Statistical Assessment and Improvement of Expected Agreement Between Two Test Methods that Purport to Measure the Same Property of a Material (revision of ANSI/ASTM D6708-2019a) Final Action Date: 5/18/2021

Revision
ANSI/ASTM D7082-2021, Specification for Polyethylene Stay In Place Form System for End Walls for Drainage Pipe (revision of ANSI/ASTM D7082-2015) Final Action Date: 5/18/2021

Revision
ANSI/ASTM D7372-2021, Guide for Analysis and Interpretation of Proficiency Test Program Results (revision of ANSI/ASTM D7372-2017) Final Action Date: 5/18/2021

Revision
ANSI/ASTM D7547-2021, Specification for Hydrocarbon Unleaded Aviation Gasoline (revision of ANSI/ASTM D7547 -2018A) Final Action Date: 5/18/2021

Revision
ANSI/ASTM D7719-2021, Specification for High Aromatic Content Unleaded Hydrocarbon Aviation Gasoline (revision of ANSI/ASTM D7719-2018) Final Action Date: 5/18/2021

Revision
ANSI/ASTM D7960-2021, Specification for Unleaded Aviation Gasoline Test Fuel Containing Non-hydrocarbon Components (revision of ANSI/ASTM D7960-2018) Final Action Date: 5/18/2021

Revision
ANSI/ASTM E207-2021, Test Method for Thermal EMF Test of Single Thermoelement Materials by Comparison with a Reference Thermoelement of Similar EMF-Temperature Properties (revision of ANSI/ASTM E207-2017) Final Action Date: 5/18/2021

Revision
ANSI/ASTM E2555-2021, Practice for Factors and Procedures for Applying the MIL-STD-105 Plans in Life and Reliability Inspection (revision of ANSI/ASTM E2555-2012 (R2018)) Final Action Date: 5/18/2021

ASTM (ASTM International)

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

Revision
ANSI/ASTM E2696-2021, Practice for Life and Reliability Testing Based on the Exponential Distribution (revision of ANSI/ASTM E2696-2009 (R2018)) Final Action Date: 5/18/2021

Revision
ANSI/ASTM E3159-2021, Guide for General Reliability (revision of ANSI/ASTM E3159-2018) Final Action Date: 5/18/2021

Revision
ANSI/ASTM F714-2021a, Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Outside Diameter (revision of ANSI/ASTM F714-2021) Final Action Date: 5/18/2021

Revision
ANSI/ASTM F1273-2021, Specification for Tank Vent Flame Arresters (revision of ANSI/ASTM F1273-1991 (R2013)) Final Action Date: 5/18/2021

Revision
ANSI/ASTM F1321-2021, Guide for Conducting a Stability Test (Lightweight Survey and Inclining Experiment) to Determine the Light Ship Displacement and Centers of Gravity of a Vessel (revision of ANSI/ASTM F1321-2014 (R2021)) Final Action Date: 5/18/2021

Revision
ANSI/ASTM F1960-2021, Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F1960 -2020) Final Action Date: 5/18/2021

Revision
ANSI/ASTM F2123-2021, Practice for Treestand Instructions (revision of ANSI/ASTM F2123-2019) Final Action Date: 5/18/2021

Revision
ANSI/ASTM F2159-2021, Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps for SDR9 Crosslinked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F2159-2020) Final Action Date: 5/18/2021

Revision
ANSI/ASTM F2275-2021, Practice for Treestand Manufacturer Quality Assurance Program (revision of ANSI/ASTM F2275-2017) Final Action Date: 5/18/2021

Revision
ANSI/ASTM F2735-2021, Specification for Plastic Insert Fittings for SDR9 Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F2735-2020) Final Action Date: 5/18/2021

Revision
ANSI/ASTM F2788/F2788M-2021, Specification for Metric and Inch-Sized Crosslinked Polyethylene (PEX) Pipe (revision of ANSI/ASTM F2788/F2788M-2020) Final Action Date: 5/18/2021

Revision
ANSI/ASTM F2829-2021, Specification for Metric- and Inch-Sized Fittings for Crosslinked Polyethylene (PEX) Pipe (revision of ANSI/ASTM F2829-2020) Final Action Date: 5/18/2021

Revision
ANSI/ASTM F2854-2021, Specification for Push-Fit Crosslinked Polyethylene (PEX) Mechanical Fittings for Crosslinked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F2854-2020A) Final Action Date: 5/18/2021

ASTM (ASTM International)

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

Revision
ANSI/ASTM F2968/F2968M-2021, Specification for Crosslinked Polyethylene (PEX) Pipe for Gas Distribution Applications (revision of ANSI/ASTM F2968/F2968M-2020A) Final Action Date: 5/18/2021

Revision
ANSI/ASTM F3190-2021, Practice for Heat Fusion Equipment (HFE) Operator Qualification on Polyethylene (PE) and Polyamide (PA) Pipe and Fittings (revision of ANSI/ASTM F3190-2017) Final Action Date: 5/18/2021

Revision
ANSI/ASTM F3348-2021, Specification for Plastic Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F3348-2020B) Final Action Date: 5/18/2021

Revision
ANSI/ASTM F3373-2021, Specification for Polyethylene (PE) Electrofusion Fittings for Outside Diameter Controlled Crosslinked Polyethylene (PEX) Pipe (revision of ANSI/ASTM F3373-2020) Final Action Date: 5/18/2021

Revision
ANSI/ASTM F3386-2021, Specification for Detonation Flame Arresters (revision of ANSI/ASTM F3386-2020) Final Action Date: 5/18/2021

Withdrawal
ANSI/ASTM F2991-2013, Guide for Doubler Plate Repairs for Non-Classed Ship Structures (withdrawal of ANSI/ASTM F2991-2013) Final Action Date: 5/18/2021

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | e: jrosario@aws.org, w: www.aws.org

Addenda
ANSI/AWS D15.1/D15.1M-2021-AMD1, Railroad Welding Specification for Cars and Locomotives (addenda to ANSI/AWS D15.1/D15.1M-2019) Final Action Date: 5/27/2021

Revision
ANSI/AWS A5.18/A5.18M-2021, Specification for Carbon Steel Electrodes and Rods for Gas Shielded Arc Welding (revision of ANSI/AWS A5.18/A5.18M-2017) Final Action Date: 6/1/2021

Revision
ANSI/AWS A5.20/A5.20M-2021, Specification for Carbon Steel Electrodes for Flux Cored Arc Welding (revision of ANSI/AWS A5.20/A5.20M-2005 (R2015)) Final Action Date: 6/1/2021

Revision
ANSI/AWS A5.23/A5.23M-2021, Specification for Low-Alloy and High-Manganese Steel Electrodes and Fluxes for Submerged Arc Welding (revision of ANSI/AWS A5.23/A5.23M-2011) Final Action Date: 6/1/2021

AWWA (American Water Works Association)

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

Revision
ANSI/AWWA C800-2021, Underground Service Line Valves and Fittings (revision of ANSI/AWWA C800-2014) Final Action Date: 5/27/2021

B11 (B11 Standards, Inc.)

P.O. Box 690905, Houston, TX 77269 | e: cfelinski@b11standards.org, w: https://www.b11standards.org/

Revision

ANSI B11.8-2021, Safety Requirements for Manual Milling, Drilling and Boring Machines with or without Automatic Control (revision of ANSI B11.8-2001 (R2020)) Final Action Date: 5/24/2021

BIFMA (Business and Institutional Furniture Manufacturers Association)

678 Front Avenue NW, Grand Rapids, MI 49504 | e: dpanning@bifma.org, w: www.bifma.org

New Standard

ANSI/BIFMA X5.41-2021, Large Occupant Public and Lounge Seating (new standard) Final Action Date: 5/24/2021

ESTA (Entertainment Services and Technology Association)

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

Reaffirmation

ANSI E1.30-4-2010 (R2021), EPI 26. Device Description Language (DDL) Extensions for DMX512 and E1.31 Devices (reaffirmation of ANSI E1.30-4-2010 (R2015)) Final Action Date: 5/27/2021

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

18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448 | e: terry.burger@asse-plumbing.org, w: www.asse-

Revision

ANSI/ASSE 1013-2021, Performance Requirements for Reduced Pressure Principle Backflow Prevention Assemblies (revision of ANSI/ASSE 1013-2011) Final Action Date: 6/1/2021

Revision

ANSI/ASSE 1015-2021, Performance Requirements for Double Check Backflow Prevention Assemblies (revision of ANSI/ASSE 1015-2011) Final Action Date: 6/1/2021

Revision

ANSI/ASSE 1047-2021, Performance Requirements for Reduced Pressure Detector Backflow Prevention Assemblies (revision of ANSI/ASSE 1047-2011) Final Action Date: 6/1/2021

Revision

ANSI/ASSE 1048-2021, Performance Requirements for Double Check Detector Backflow Prevention Assemblies (revision of ANSI/ASSE 1048-2011) Final Action Date: 6/1/2021

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005 | e: pmcgillicuddy@ies.org, w: www.ies.org

New Standard

ANSI/IES LP-12-2021, Lighting Practice: IoT Connected Lighting (new standard) Final Action Date: 5/27/2021

NSF (NSF International)

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

Revision

ANSI/NSF 42-2021 (i111r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2020) Final Action Date: 5/24/2021

Revision

ANSI/NSF 42-2021 (i112r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2020) Final Action Date: 5/25/2021

NSF (NSF International)

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

Revision
ANSI/NSF 53-2021 (i129r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2020) Final Action Date: 5/24/2021

Revision
ANSI/NSF 53-2021 (i131r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2020) Final Action Date: 5/31/2021

UL (Underwriters Laboratories)

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

National Adoption
ANSI/UL 60079-33-2021, Standard for Safety for Explosive Atmospheres - Part 33: Equipment Protection by Special Protection s (national adoption with modifications of IEC 60079-33) Final Action Date: 5/25/2021

Reaffirmation
ANSI/UL 10C-2016 (R2021), Standard for Positive Pressure Fire Tests of Door Assemblies (reaffirmation of ANSI/UL 10C-2016) Final Action Date: 5/27/2021

Reaffirmation
ANSI/UL 498C-2017 (R2021), Standard for Safety for Flatiron and Appliance Plugs (reaffirmation of ANSI/UL 498C -2017) Final Action Date: 5/25/2021

Reaffirmation
ANSI/UL 1450-2019 (R2021), Standard for Safety for Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment (reaffirmation of ANSI/UL 1450-2019) Final Action Date: 5/27/2021

Revision
ANSI/UL 498D-2021a, Standard for Safety for Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts (revision of ANSI/UL 498D-2020) Final Action Date: 5/25/2021

Revision
ANSI/UL 498F-2021, Standard for Safety for Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts (revision of ANSI/UL 498F-2020) Final Action Date: 5/25/2021

Revision
ANSI/UL 758-2021, Standard for Safety for Appliance Wiring Material (revision of ANSI/UL 758-2020) Final Action Date: 5/13/2021

Revision
ANSI/UL 1180-2021, Standard for Fully Inflatable Recreational Personal Flotation Devices (revision of ANSI/UL 1180 -2020) Final Action Date: 5/27/2021

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | e: cbernier@aami.org, w: www.aami.org
Cliff Bernier; cbernier@aami.org

BSR/AAMI ST8-202x, Hospital steam sterilizers (revision of ANSI/AAMI ST8-2013 (R2018))

BSR/AAMI ST55-2016 (R202x), Table-top steam sterilizers (reaffirmation of ANSI/AAMI ST55-2016)

AGMA (American Gear Manufacturers Association)

1001 N Fairfax Street, 5th Floor, Alexandria, VA 22314-1587 | e: tech@agma.org, w: www.agma.org
Amir Aboutaleb; tech@agma.org

BSR/AGMA 2008-D11 (R202x), Assembling Bevel Gears (reaffirmation of ANSI/AGMA 2008-D11 (R2016))

BSR/AGMA 6013-B-2016 (R202x), Standard for Industrial Enclosed Gear Drives (reaffirmation of ANSI/AGMA 6013-B-2016)

BSR/AGMA 6113-B-2016 (R202x), Standard for Industrial Enclosed Gear Drives - Metric Edition (reaffirmation of ANSI/AGMA 6113-B-2016)

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201-3001 | e: kbest@ahrinet.org, w: www.ahrinet.org
Karl Best; kbest@ahrinet.org

BSR/AHRI Standard 1230 (I-P)-202x, Performance Rating of Variable Refrigerant Flow (VRF) Multi-Split Air-Conditioning and Heat Pump Equipment (new standard)

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Suite 1100, Washington, DC 20001-5571 | e: hughesc@api.org, w: www.api.org
Christopher Hughes; hughesc@api.org

BSR/API Recommended Practice 754, Third Edition-202x, Process Safety Performance Indicators for the Refining and Petrochemical Industries (revision and redesignation of ANSI/API Recommended Practice 754, Second Edition-2016)

ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 | e: ansibox@asme.org, w: www.asme.org
Terrell Henry; ansibox@asme.org

BSR/ASME MFC-9M-1998 (R202x), Measurement of Liquid Flow in Closed Conduits by Weighing Method (reaffirmation of ANSI/ASME MFC-9M-1998 (R2011))

BSR/ASME MFC-10M-2000 (R202x), Method for Establishing Installation Effects on Flow Meters (reaffirmation of ANSI/ASME MFC-10M-2000 (R2011))

ASME (American Society of Mechanical Engineers)

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

BSR/ASME PCC-1-202x, Guidelines for Pressure Boundary Bolted Flange Joint Assembly (revision of ANSI/ASME PCC-1-2019)

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 | e: dgreco@atis.org, w: www.atis.org
Drew Greco; dgreco@atis.org

BSR/ATIS 0600030-202x, Line-Powering of Telecommunications Equipment on Outside Plant (OSP) Copper Twisted Pair Loops (revision of ANSI/ATIS 0600030-2016)

CPLSO

The Marchioness Building, Commercial Road, Bristol BS16TG, UK BS1 6TG | e: pratt.hugh@cplso.org
Hugh Pratt; pratt.hugh@cplso.org

BSR/CPLSO 18-202x, Crane Insulators - Selection, Use, and Maintenance (new standard)

CTA (Consumer Technology Association)

1919 South Eads Street, Arlington, VA 22202 | e: vlancaster@cta.tech, w: www.cta.tech
Veronica Lancaster; vlancaster@cta.tech

BSR/CTA 2006-D-202x, Testing and Measurement Methods for In-Vehicle Audio Amplifiers (revision and redesignation of ANSI/CTA 2006-C-2019)

CTA is seeking new members to join the consensus body. CTA and the R3 Audio Systems Committee is particularly interested in adding new members called “users” who acquire audio products from those who create them, and in adding new members who neither produce nor use audio products, such as regulators, associations, and others (called members with a “general interest”).

BSR/CTA 2076.2-202x, Indoor Network Navigation Systems for People who are Deaf, Hard of Hearing, and Deaf-Blind (new standard)

CTA is seeking new members to join the consensus body. CTA and the R6 The Intelligent Mobility Committee are particularly interested in adding new members (called "users") who acquire portable, handheld, mobility or in-vehicle products from those who create them, and in adding new members who neither

FCI (Fluid Controls Institute)

1300 Sumner Avenue, Cleveland, OH 44115 | e: fci@fluidcontrolsinstitute.org, w: www.fluidcontrolsinstitute.org
Leslie Schraff; fci@fluidcontrolsinstitute.org

BSR/FCI 13-1-202x, Standard for Determining Condensate Loads to Size Steam Traps (revision of ANSI/FCI 13-1-2016)

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

700 K Street NW, Suite 600, Washington, DC 20001 | e: comments@standards.incits.org, w: www.incits.org
Deborah Spittle; comments@standards.incits.org

INCITS 575-202x, Information Technology - Zoned Device ATA Command Set - 3 (ZAC-3) (new standard)

NEMA (ASC C136) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | e: David.Richmond@nema.org, w: www.nema.org
David Richmond; David.Richmond@nema.org

BSR C136.11-2011 (S202x), Multiple Parallel Wired Sockets (stabilized maintenance of ANSI C136.11 -2011 (R2016))

NEMA (ASC C136) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | e: David.Richmond@nema.org, w: www.nema.org

BSR C136.26-2010 (S202x), Multiple Parallel Wired Sockets (stabilized maintenance of ANSI C136.26 -2010 (S2020))

BSR C136.50-202x, Roadway and Area Lighting Equipment - Energy Measurement for a Network Lighting Control (NLC) Device with Locking Type Receptacle (new standard)

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

BSR ICEA S-118-746-202x, Standard for Standard for Category 8, 100 Ohm, Indoor Cables for use in LAN Communication Wiring Systems (new standard)

BSR ICEA S-130-760-202x, ICEA Standard for Broadband Twisted Pair Cable Filled and Unfilled, Polyolefin Insulated, Copper Conductor (new standard)

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | e: arose@nsf.org, w: www.nsf.org
Allan Rose; arose@nsf.org

BSR/NSF 2-202x (i41r2), Food Equipment (revision of ANSI/NSF 2-2019)

BSR/NSF 14-202x (i111r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

BSR/NSF 42-202x (i116r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42 -2020)

BSR/NSF 244-202x (i15r1), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2020)

BSR/NSF 455-2-202x (i24r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

BSR/NSF 455-2-202x (i28r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

BSR/NSF 455-3-202x (i23r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3 -2019)

BSR/NSF 455-3-202x (i35r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3 -2019)

BSR/NSF 455-4-202x (i40r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020)

VITA (VMEbus International Trade Association (VITA))

929 W. Portobello Avenue, Mesa, AZ 85210 | e: jing.kwok@vita.com, w: www.vita.com
Jing Kwok; jing.kwok@vita.com

BSR/VITA 51.2-2016 (R202x), Physics of Failure Reliability Predictions (reaffirmation of ANSI/VITA 51.2 -2016)

BSR/VITA 51.4-202x, Reliability Component Stress Analysis and Derating Standard (new standard)

Call for Members (ANS Consensus Bodies)

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

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.

Call for Members (ANS Consensus Bodies)

ANSI Accredited Standards Developers

PDA - Parenteral Drug Association

PDA Standard 08 - Reply by July 16, 2021

Call for Interest Categories are sought for PDA® Standards Development. PDA is very pleased to announce the launch of the Parenteral Drug Association's newest standard! We are seeking volunteer participants to assist in developing, writing, and fine tuning the following proposal:
PDA Standard 08-202x -Apheresis Collection for Cell and Gene Therapy Products (new standard). The goal is to create a standard document outlining recommendations for product manufactures/sponsor requirements for apheresis cell collection. It will also create a standardized template for the leukapheresis manuals/SOPs written by product manufactures/sponsors for the apheresis centers. This combined effort will work to reduce the burden upon the collection centers and in doing so, reduce errors. To reduce the variation in apheresis collection requirements by establishing standard approaches to reduce the number of variable steps.

This proposed American National Standard (ANS) was presented by Dr. Catherine B. Zander, Scientific Program Manager, Standards Coordinating Body for Regenerative Medicine, National Institute for Standards and Technology.

- Manufacturers (ex.-Kite, Novartis, Janssen, GSK, Dendreon),
- Regulators (ex.- FDA, MHRA, EMA),
- Users (ex.- Cell collection centers/Mayo Clinic),
- Health System representatives, and the
- General Interest (ex.-Professional Organizations like AABB, FACT, Be the Match, and ASFA) are all being sought.

Nominations/Volunteers to serve as a member of the technical team (consensus body) must have some subject matter expertise, and willing to help write/contribute to this standard. Applicants should apply by contacting the PDA Standards Manager at standards@pda.org. The deadline to submit notification of interest in serving on the consensus body is **July 16, 2021**

American National Standards (ANS) Announcements

Corrections

NENA - National Emergency Number Association

BSR/NENA STA-017.1-202x Public Review URL Address Change

The URL address for BSR/NENA STA-017.1-202x (new standard) Standards Action Public Review dated: 5/28/2021 has been changed to:
https://dev.nena.org/higherlogic/ws/public/document?document_id=22924&wg_id=847ee342-bd29-4f1f-9f98-34f196cb56f7
Use the URL address to download and submit comments (copy psa@ansi.org).
Single copy price: Free
Please direct inquiries to: Delaine Arnold; darnold@nena.org, standardscoord@nena.org

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

ASPE - American Society of Plumbing Engineers

Effective June 3, 2021

The reaccreditation of **ASPE - American Society of Plumbing Engineers** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ASPE-sponsored American National Standards, effective **June 3, 2021**. For additional information, please contact: Gretchen Pienta, Director, Publications & Standards, American Society of Plumbing Engineers (ASPE) - 6400 Shafer Court, Suite 350, Rosemont, IL 60018; phone: 708.426.5427; email: gpienta@aspe.org

Accreditation Announcements (Standards Developers)

Public Review of Application for ASD Accreditation

BEPP - Board of Executive Protection Professionals

Comment Deadline: July 5, 2021

The **Board of Executive Protection Professionals (BEPP)**, a new ANSI member in 2021, has submitted an application for accreditation as an ANSI Accredited Standards Developer (ASD) and proposed operating procedures for documenting consensus on BEPP-sponsored American National Standards. BEPP's proposed scope of standards activity is as follows:

BEPP is pursuing a national standard that focuses on Executive Protection. This standard will establish the compulsory platform for competently, professionally, and ethically providing this specialized service for high-net-worth individuals, government officials, business executives, foreign diplomats, and other at-risk individuals. Currently, there is no established standard in this complex domain, allowing unqualified individuals to provide support, placing those in their charge at increased physical risk and liability.

To obtain a copy of BEPP's application and proposed operating procedures or to offer comments, please contact: Mr. James Cameron, President/CEO, Board of Executive Protection Professionals, 8131 Dolce Flore Avenue, Las Vegas, NV 89178; phone: 714.510.0671; email: info@ep-board.com. Please submit any comments to BEPP by **July 5, 2021**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (E-mail: Jthompso@ANSI.org). As the proposed procedures are available electronically, the public review period is 30 days.

Download BEPP's proposed operating procedures during the public review period at this URL.

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

ASSP (Safety) - American Society of Safety Professionals

Virtual Meeting Time: July 15, 2021

American Society of Safety Professionals (ASSP) – ANSI Z390 Committee. The American Society of Safety Professionals (ASSP) is the secretariat for ANSI Z390 Committee for Hydrogen Sulfide Safety Training. The next Z390 meeting will take place virtually on **July 15, 2021**. Those interested in participating can contact ASSP for additional information at (rblanchette@assp.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 Contacts

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

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

Teresa Ambrosius
p: (719) 453-1036
e: tambrosius@aafs.org

AAMI
Association for the Advancement of Medical Instrumentation
901 N. Glebe Road
Suite 300
Arlington, VA 22203
www.aami.org

Cliff Bernier
p: (703) 253-8263
e: cbernier@aami.org

ABYC
American Boat and Yacht Council
613 Third Street
Suite 10
Annapolis, MD 21403
www.abycinc.org

Sara Moulton
p: (410) 990-4460
e: smoulton@abycinc.org

AGMA
American Gear Manufacturers Association
1001 N Fairfax Street
5th Floor
Alexandria, VA 22314-1587
www.agma.org

Amir Aboutaleb
p: (703) 684-0211
e: tech@agma.org

AHRI
Air-Conditioning, Heating, and Refrigeration Institute
2311 Wilson Boulevard
Suite 400
Arlington, VA 22201-3001
www.ahrinet.org

Karl Best
p: (703) 293-4887
e: kbest@ahrinet.org

AISI
American Iron and Steel Institute
3425 Drighton Court
Bethlehem, PA 18020-1335
www.steel.org

Jay Larson
p: (610) 691-6334
e: jlarson@steel.org

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

Kathryn Murdoch
p: (708) 579-8268
e: kmurdoch@ans.org

APA
APA - The Engineered Wood Association
7011 South 19th Street
Tacoma, WA 98466
www.apawood.org

Borjen Yeh
p: (253) 620-7467
e: borjen.yeh@apawood.org

API
American Petroleum Institute
200 Massachusetts Avenue NW
Suite 1100
Washington, DC 20001-5571
www.api.org

Christopher Hughes
p: (202) 682-8151
e: hughesc@api.org

ASC X9
Accredited Standards Committee X9, Incorporated
275 West Street
Suite 107
Annapolis, MD 21401
www.x9.org

Ambria Frazier
p: (410) 267-7707
e: Ambria.frazier@x9.org

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

Emily Toto
p: (404) 636-8400
e: etoto@ashrae.org

Mark Weber
p: (678) 539-1214
e: mweber@ashrae.org

Susan LeBlanc
p: (678) 539-1175
e: sleblanc@ashrae.org

ASME
American Society of Mechanical Engineers
Two Park Avenue
M/S 6-2B
New York, NY 10016-5990
www.asme.org

Terrell Henry
p: (212) 591-8489
e: ansibox@asme.org

ASME
American Society of Mechanical Engineers
Two Park Avenue
New York, NY 10016-5990
www.asme.org

April Angell-McAteer
p: (212) 591-8489
e: ansibox@asme.org

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

Lauren Bauerschmidt
p: (847) 768-3475
e: LBauerschmidt@assp.org

ASTM
ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
www.astm.org

Laura Klineburger
p: (610) 832-9744
e: accreditation@astm.org

ATIS
Alliance for Telecommunications Industry Solutions
1200 G Street NW
Suite 500
Washington, DC 20005
www.atis.org

Drew Greco
p: (202) 628-6380
e: dgreco@atis.org

AWC
American Wood Council
222 Catoctin Circle
Suite 201
Leesburg, VA 20175
www.awc.org

Bradford Douglas
p: (202) 463-2770
e: bdouglas@awc.org

AWS
American Welding Society
8669 NW 36th Street
Suite 130
Miami, FL 33166-6672
www.aws.org

Jennifer Rosario
p: (800) 443-9353 308
e: jrosario@aws.org

Rakesh Gupta
p: (305) 443-9353 301
e: gupta@aws.org

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

Paul Olson
p: (303) 347-6178
e: polson@awwa.org

B11
B11 Standards, Inc.
P.O. Box 690905
Houston, TX 77269
https://www.b11standards.org/

Chris Felinski
p: (832) 446-6999
e: cfelinski@b11standards.org

BIFMA
Business and Institutional Furniture Manufacturers Association
678 Front Avenue NW
Grand Rapids, MI 49504
www.bifma.org

David Panning
p: (616) 591-9798
e: dpanning@bifma.org

CPLSO
CPLSO
The Marchioness Building, Commercial Road
Bristol BS16TG, UK BS1 6TG

Hugh Pratt
p: (078) 796-2989 9
e: pratt.hugh@cplso.org

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

Catrina Akers
p: (703) 907-7060
e: cakers@cta.tech

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

Veronica Lancaster
p: (703) 907-7697
e: vlancaster@cta.tech

ESTA
Entertainment Services and Technology Association
271 Cadman Plaza
P.O. Box 23200
Brooklyn, NY 11202-3200
www.esta.org

Karl Ruling
p: (212) 244-1505
e: standards@esta.org

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

Leslie Schraff
p: (216) 241-7333
e: fci@fluidcontrolsinstitute.org

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

Karen Van Hentenryck
p: (313) 550-2073 104
e: Karenvan@HL7.org

IAPMO (ASSE Chapter)
ASSE International Chapter of IAPMO
18927 Hickory Creek Drive
Suite 220
Mokena, IL 60448
www.asse-plumbing.org

Terry Burger
p: (909) 519-0740
e: terry.burger@asse-plumbing.org

IEEE
Institute of Electrical and Electronics Engineers
445 Hoes Lane
Piscataway, NJ 08854
www.ieee.org

Karen Evangelista
p: (732) 562-3854
e: k.evangelista@ieee.org

IES
Illuminating Engineering Society
120 Wall Street, Floor 17
New York, NY 10005
www.ies.org

Patricia McGillicuddy
p: (917) 913-0027
e: pmcgillicuddy@ies.org

ISA (Organization)
International Society of Automation
67 Alexander Drive
Research Triangle Park, NC 27709
www.isa.org

Charley Robinson
p: (919) 990-9213
e: crobinson@isa.org

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

Deborah Spittle
p: (202) 737-8888
e: comments@standards.incits.org

Lynn Barra
p: (202) 737-8888
e: comments@standards.incits.org

NEMA (ASC C136)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
www.nema.org

David Richmond
p: (703) 841-3234
e: David.Richmond@nema.org

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

Khaled Masri
p: (571) 426-3226
e: Khaled.Masri@nema.org

NETA
InterNational Electrical Testing Association
3050 Old Centre Road
Suite 101
Portage, MI 49024
www.netaworld.org

Melissa Richard
p: (888) 300-6382
e: MRichard@netaworld.org

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

Dawn Michele Bellis
p: (617) 984-7246
e: dbellis@nfpa.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105-9723
www.nsf.org

Allan Rose
p: (734) 827-3817
e: arose@nsf.org

Jason Snider
p: (734) 418-6660
e: jsnider@nsf.org

Monica Leslie
p: (734) 827-5643
e: mleslie@nsf.org

Rachel Brooker
p: (734) 827-6866
e: rbrooker@nsf.org

PHTA
Pool and Hot Tub Alliance
2111 Eisenhower Avenue
Suite 500
Alexandria, VA 22314
www.PHTA.org

Susan Hilaski
p: (703) 838-0083 150
e: standards@phta.org

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

Kim Cooney
p: (800) 542-5040
e: kcooney@scte.org

UL
Underwriters Laboratories
12 Laboratory Drive
P.O. Box 13995
Research Triangle Park, NC 27709-3995
https://ul.org/

Doreen Stocker
p: (919) 549-1391
e: Doreen.Stocker@ul.org

UL
Underwriters Laboratories
12 Laboratory Drive
Research Triangle Park, NC 27709
-3995
https://ul.org/

Caroline Treuthardt
p: (919) 549-0922
e: caroline.treuthardt@ul.org

Griff Edwards
p: (919) 549-0956
e: griff.edwards@ul.org

Nicolette Weeks
p: (919) 549-0973
e: Nicolette.A.Weeks@ul.org

Vickie Hinton
p: (919) 549-1851
e: Vickie.T.Hinton@ul.org

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

Elizabeth Northcott
p: (847) 664-3198
e: Elizabeth.Northcott@ul.org

Megan Monsen
p: (847) 664-1292
e: megan.monsen@ul.org

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

Linda Phinney
p: (510) 319-4297
e: Linda.L.Phinney@ul.org

VITA
VMEbus International Trade
Association (VITA)
929 W. Portobello Avenue
Mesa, AZ 85210
www.vita.com

Jing Kwok
p: (602) 281-4497
e: jing.kwok@vita.com

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

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 8177, Aerospace - Omega clamps (saddle clamps) for fluid systems - Dimensions - 11/6/2026, $33.00

ISO/FDIS 23670, Space systems - Vibration testing - 11/9/2012, $93.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/FDIS 4135, Anaesthetic and respiratory equipment - Vocabulary - 11/12/2025, $194.00

BIOTECHNOLOGY (TC 276)

ISO/FDIS 23033, Biotechnology - Analytical methods - General requirements and considerations for the testing and characterization of cellular therapeutic products - 11/7/2007, $102.00

CORK (TC 87)

ISO/DIS 9727-8, Cylindrical cork stoppers - Physical tests - Part 8: Determination of capillarity - 11/6/2026, $33.00

COSMETICS (TC 217)

ISO/DIS 23674, Cosmetics - Analytical methods - Direct determination of traces of mercury in cosmetics by thermal decomposition - Atomic absorption spectrometry (mercury analyzer) - 11/6/2024, $62.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO/FDIS 10360-10, Geometrical product specifications (GPS) - Acceptance and reverification tests for coordinate measuring systems (CMS) - Part 10: Laser trackers - 11/6/2030, $119.00

ENVIRONMENTAL MANAGEMENT (TC 207)

ISO/FDIS 14030-1, Environmental performance evaluation - Green debt instruments - Part 1: Process for green bonds - 11/5/2001, $62.00

ISO/FDIS 14030-2, Environmental performance evaluation - Green debt instruments - Part 2: Process for green loans - 11/11/2020, $62.00

ISO/FDIS 14030-4, Environmental performance evaluation - Green debt instruments - Part 4: Verification programme requirements - 11/5/2029, $58.00

LABORATORY GLASSWARE AND RELATED APPARATUS (TC 48)

ISO/DIS 23783-1, Automated liquid handling systems - Part 1: Terminology and general requirements - 11/7/2023, $82.00

ISO/DIS 23783-2, Automated liquid handling systems - Part 2: Measurement procedures for the determination of volumetric performance - 11/7/2023, $155.00

ISO/DIS 23783-3, Automated liquid handling systems - Part 3: Determination, specification and reporting of volumetric performance - 11/7/2023, $82.00

MACHINE TOOLS (TC 39)

ISO/FDIS 19085-16, Woodworking machines - Safety - Part 16: Table band saws and band re-saws - 11/11/2003, $102.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 23547, Measurement of radioactivity - Gamma emitting radionuclides - Reference measurement standard specifications for the calibration of gamma-ray spectrometers - 11/7/2023, $58.00

ISO/ASTM DIS 51310, Practice for use of a radiochromic optical waveguide dosimetry system - 11/6/2025, $40.00

ROAD VEHICLES (TC 22)

ISO/FDIS 13988, Passenger car and light truck vehicle wheels - Clip and adhesive balance weight and rim flange nomenclature, test procedures and performance requirements - 11/10/2008, $62.00

ISO/DIS 16844-1, Road vehicles - Tachograph systems - Part 1: Electromechanical components - 11/6/2025, $40.00

ISO/DIS 16844-2, Road vehicles - Tachograph systems - Part 2: Recording unit communication interface - 11/6/2025, $40.00

ISO/DIS 16844-3, Road vehicles - Tachograph systems - Part 3: Motion sensor communication interface - 11/6/2025, $88.00

ISO/DIS 16844-4, Road vehicles - Tachograph systems - Part 4: Display unit communication interface - 11/6/2025, $58.00

ISO/DIS 16844-6, Road vehicles - Tachograph systems - Part 6: Diagnostic communication interfaces - 11/6/2025, $62.00

ISO/DIS 16844-7, Road vehicles - Tachograph systems - Part 7: Parameters - 11/6/2025, $134.00

ROLLING BEARINGS (TC 4)

ISO/DIS 199, Rolling bearings - Thrust bearings - Geometrical product specification (GPS) and tolerance values - 11/6/2024, $58.00

ISO/DIS 492, Rolling bearings - Radial bearings - Geometrical product specifications (GPS) and tolerance values - 11/6/2024, $119.00

ROUND STEEL LINK CHAINS, CHAIN SLINGS, COMPONENTS AND ACCESSORIES (TC 111)

ISO/FDIS 4779, Chain components for lifting purposes - Forged eye hook with point and latch - Grade 4, stainless steel, solution annealed - 11/12/2016, $67.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 1658, Natural rubber (NR) - Evaluation procedure - 11/7/2023, $71.00

ISO/FDIS 19050, Rubber, raw, vulcanized - Determination of metal content by ICP-OES -, $62.00

SAFETY OF TOYS (TC 181)

ISO/DIS 8124-1, Safety of toys - Part 1: General properties, packaging and labelling - 11/6/2027, FREE

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/FDIS 4568, Ships and marine technology - Sea-going vessels - Windlasses and anchor capstans - 11/12/2026, $58.00

SOIL QUALITY (TC 190)

ISO/DIS 23992, Soil quality - Framework for detailed recording and monitoring of changes in dynamic soil properties - 11/6/2026, $98.00

STEEL (TC 17)

ISO/FDIS 15177, Hot-rolled twin-roll cast steel sheet of commercial quality - 11/14/2023, $46.00

TOURISM AND RELATED SERVICES (TC 228)

ISO/FDIS 22876, Tourism and related services - Bareboat charter - Supplementary charter services and experiences - 11/12/2012, $53.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 3767-5, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator controls and other displays - Part 5: Symbols for manual portable forestry machines - 11/7/2023, $46.00

ISO/FDIS 11806-2, Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 2: Machines for use with back-pack power unit - 11/7/2017, $67.00

ISO/DIS 15639-2, Radio frequency identification of animals - Standardization of injection sites for different animal species - Part 2: Equine (horses, donkeys, and zebras) - 11/6/2025, $40.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO/DIS 22585, Traditional Chinese Medicine - Codonopsis pilosula root - 11/6/2026, $62.00

ISO/DIS 22586, Traditional Chinese Medicine - Paeonia lactiflora root - White peony root - 11/6/2026, $62.00

ISO/DIS 23963-1, Traditional Chinese Medicine - Requirements for process traceability system of Chinese materia medica and decoction pieces - Part 1: Components - 11/7/2023, $53.00

ISO/DIS 23963-2, Traditional Chinese Medicine - Requirements for process traceability system of Chinese materia medica and decoction pieces - Part 2: Electronic labelling - 11/7/2023, $40.00

WATER QUALITY (TC 147)

ISO/DIS 13165-2, Water quality - Radium-226 - Part 2: Test method using emanometry - 11/7/2027, $71.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 23751, Information technology - Cloud computing and distributed platforms - Data sharing agreement (DSA) framework - 11/6/2026, $93.00

ISO/IEC FDIS 24773-3, Software and systems engineering - Certification of software and systems engineering professionals - Part 3: Systems engineering - 11/12/2027, $58.00

IEC Standards

9/2713/CDV, IEC 62590-3-1 ED1: Railway applications - Fixed installations - Electronic power converters - Part 3-1: AC traction applications - Electronic power compensators, 08/20/2021

17/1099A/NP, PNW TS 17-1099 ED1: High-voltage switchgear and controlgear - part 320: Environmental aspects and life cycle assessment rules for HV switchgear and controlgear, 08/13/2021

18/1725/FDIS, IEC 62742 ED1: Electrical and electronic installations in ships - Electromagnetic compatibility (EMC) - Ships with a non-metallic hull, 07/09/2021

21A/760(F)/FDIS, IEC 62133-2/AMD1 ED1: Amendment 1 - Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary lithium cells, and for batteries made from them, for use in portable applications - Part 2: Lithium systems, 06/18/2021

22F/633/CD, IEC TR 62543 ED2: High-voltage direct current (HVDC) power transmission using voltage sourced converters (VSC), 07/23/2021

23E/1233/CD, IEC 62752 ED2: In-cable control and protection device for mode 2 charging of electric road vehicles (IC-CPD), 08/20/2021

23G/464(F)/FDIS, IEC 60320-1 ED4: Appliance couplers for household and similar general purposes - Part 1: General requirements, 06/18/2021

33/658/DTR, IEC TR 63396 ED1: Noise measurement method on power capacitors, 07/23/2021

35/1471/FDIS, IEC 60086-5 ED5: Primary batteries - Part 5: Safety of batteries with aqueous electrolyte, 07/09/2021

40/2846(F)/FDIS, IEC 60938-2 ED3: Fixed inductors for electromagnetic interference suppression - Part 2: Sectional specification on power line chokes, 06/18/2021

40/2849(F)/FDIS, IEC 60384-24 ED3: Fixed capacitors for use in electronic equipment - Part 24: Sectional specification - Fixed tantalum electrolytic surface mount capacitors with conductive polymer solid electrolyte, 06/18/2021

44/915/CD, IEC TS 62998-3 ED1: Safety of Machinery - Safety-related sensors used for the protection of persons - Part 3: Sensor technologies and algorithms, 08/20/2021

46/814(F)/FDIS, IEC 62153-4-15 ED2: Metallic cables and other passive components test methods - Part 4-15: Electromagnetic compatibility (EMC) - Test method for measuring transfer impedance and screening attenuation - or coupling attenuation with triaxial cell, 06/25/2021

46/817/FDIS, IEC 62153-4-16 ED2: Metallic cables and other passive components test methods - Part 4-16: Electromagnetic compatibility (EMC) - Extension of the frequency range to higher frequencies for transfer impedance and to lower frequencies for screening attenuation measurements using the triaxial set-up, 07/09/2021

46A/1495/CD, IEC 61196-1-123 ED1: Coaxial Communication Cables - Part 1-123: Electrical test methods - Test for attenuation constant of radiating cable, 08/20/2021

48B/2889/CD, IEC 60352-2 ED3: Solderless connections - Part 2: Crimped connections - General requirements, test methods and practical guidance, 08/20/2021

62D/1846/CDV, IEC 60601-2-3/AMD2 ED3: Amendment 2 - Medical electrical equipment - Part 2-3: Particular requirements for the basic safety and essential performance of short-wave therapy equipment, 08/20/2021

62D/1847/CDV, IEC 60601-2-6/AMD2 ED2: Amendment 2 - Medical electrical equipment - Part 2-6: Particular requirements for the basic safety and essential performance of microwave therapy equipment, 08/20/2021

68/688/CD, IEC 60404-8-1 ED4: Magnetic materials - Part 8-1: Specifications for individual materials - Magnetically hard materials, 09/17/2021

69/787/NP, PNW 69-787 ED1: Electric vehicle conductive charging system - Part 23-3: DC electric vehicle supply equipment for Megawatt charging systems, 08/20/2021

86A/2122/CD, IEC 60794-2-23 ED1: Optical fibre cables - Part 2-23: Indoor optical fibre cables - Detailed specification for multi-fibre cables for use in MPO connector terminated cable assemblies, 08/20/2021

86A/2123/CD, IEC 60794-2-24 ED1: Optical fibre cables - Part 2-24: Indoor optical fibre cables - Detailed specification for multiple multi-fibre unit cables for use in MPO connector terminated breakout cable assemblies, 08/20/2021

86B/4473/CD, IEC 61753-051-02 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 051-02: Plug-receptacle style single-mode fibre fixed optical attenuators for category C - Controlled environments, 07/23/2021

86B/4474/CD, IEC 61753-053-02 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 053-02: Non-connectorized single-mode fibre, electrically controlled, variable optical attenuator for category C - Controlled environments, 07/23/2021

86B/4475/DTS, IEC TS 63334 ED1: Fibre optic interconnecting devices and passive components - Conditions for testing the protection against dust and water ingress of passive optical protective housings and hardened fibre optic connectors (IP5X, IPX4, IPX5, IPX6), 08/20/2021

86C/1724/CD, IEC 62149-4 ED3: Fibre optic active components and devices - Performance standards - Part 4: 1 300 nm fibre optic transceivers for Gigabit Ethernet application, 08/20/2021

106/547/CDV, IEC 62764-1 ED1: Measurement procedures of magnetic field levels generated by electronic and electrical equipment in the automotive environment with respect to human exposure - Part 1: Low frequency magnetic fields, 08/20/2021

121A/424/FDIS, IEC 60947-8 ED2: Low-voltage switchgear and controlgear - Part 8: Control units for built-in thermal protection (PTC) for rotating electrical machines, 07/09/2021

121B/136/DTR, IEC TR 60890 ED3: A method of temperature-rise verification of low-voltages switchgear and controlgear assemblies by calculation, 07/23/2021

SyCSmartCities/188/CD, IEC 60050-831 ED1: International Electrotechnical Vocabulary (IEV) - Part 831: Smart city systems, 08/20/2021

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 11056:2021, Sensory analysis - Methodology - Magnitude estimation method, $175.00

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO 6182-1:2021, Fire protection - Automatic sprinkler systems - Part 1: Requirements and test methods for sprinklers, $250.00

ESSENTIAL OILS (TC 54)

ISO 4727:2021, Essential oil of palmarosa [Cymbopogon martini (Roxb.) W. Watson var. motia], $73.00

ISO 7358:2021, Essential oils of bergamot, lemon, bitter orange and lime, fully or partially reduced in bergapten - Determination of bergapten content by high-performance liquid chromatography (HPLC), $73.00

GAS CYLINDERS (TC 58)

ISO 15245-1:2021, Gas cylinders - Parallel threads for connection of valves to gas cylinders - Part 1: Specification, $73.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO 19126:2021, Geographic information - Feature concept dictionaries and registers, $200.00

HEALTH INFORMATICS (TC 215)

ISO 13131:2021, Health informatics - Telehealth services - Quality planning guidelines, $200.00

IMPLANTS FOR SURGERY (TC 150)

ISO 23089-2:2021, Implants for surgery - Pre-clinical mechanical assessment of spinal implants and particular requirements - Part 2: Spinal intervertebral body fusion devices, $48.00

LIGHT METALS AND THEIR ALLOYS (TC 79)

ISO 10074:2021, Anodizing of aluminium and its alloys - Specification for hard anodic oxidation coatings on aluminium and its alloys, $111.00

MACHINE TOOLS (TC 39)

ISO 19085-17:2021, Woodworking machines - Safety - Part 17: Edge banding machines fed by chains, $200.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO 8041-2:2021, Human response to vibration - Measuring instrumentation - Part 2: Personal vibration exposure meters, $225.00

RAILWAY APPLICATIONS (TC 269)

ISO 22074-5:2021, Railway infrastructure - Rail fastening systems - Part 5: Test method for electrical resistance, $73.00

ROAD VEHICLES (TC 22)

ISO 23150:2021, Road vehicles - Data communication between sensors and data fusion unit for automated driving functions - Logical interface, $250.00

ISO 17215-3:2021, Road vehicles - Video communication interface for cameras (VCIC) - Part 3: Camera message dictionary, $200.00

ISO 21806-12:2021, Road vehicles - Media Oriented Systems Transport (MOST) - Part 12: 50-Mbit/s balanced media physical layer, $175.00

ISO 21806-13:2021, Road vehicles - Media Oriented Systems Transport (MOST) - Part 13: 50-Mbit/s balanced media physical layer conformance test plan, $225.00

ISO 21806-14:2021, Road vehicles - Media Oriented Systems Transport (MOST) - Part 14: Lean application layer, $225.00

ISO 21806-15:2021, Road vehicles - Media Oriented Systems Transport (MOST) - Part 15: Lean application layer conformance test plan, $149.00

SUSTAINABLE DEVELOPMENT IN COMMUNITIES (TC 268)

ISO 37164:2021, Smart community infrastructures - Smart transportation using fuel cell light rail transit (FC-LRT), $48.00

TECHNICAL SYSTEMS AND AIDS FOR DISABLED OR HANDICAPPED PERSONS (TC 173)

ISO 11199-1:2021, Assistive products for walking manipulated by both arms - Requirements and test methods - Part 1: Walking frames, $175.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO 22466:2021, Traditional Chinese medicine - Laser acupoint devices, $73.00

WATER RE-USE (TC 282)

ISO 16075-3:2021, Guidelines for treated wastewater use for irrigation projects - Part 3: Components of a reuse project for irrigation, $200.00

ISO 16075-4:2021, Guidelines for treated wastewater use for irrigation projects - Part 4: Monitoring, $111.00

ISO Technical Reports

ROLLING BEARINGS (TC 4)

ISO/TR 1281-1:2021, Rolling bearings - Explanatory notes on ISO 281 - Part 1: Basic dynamic load rating and basic rating life, $200.00

ISO Technical Specifications

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/TS 22295:2021, Space environment (natural and artificial) - Modelling of space environment impact on nanostructured materials - General principles, $175.00

CRANES (TC 96)

ISO/TS 23624:2021, Cranes - Safe use of high-performance fibre ropes in crane applications, $200.00

HEALTH INFORMATICS (TC 215)

ISO/TS 23541-1:2021, Health informatics - Categorial structure for representation of 3D human body position system - Part 1: Bones, $73.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/TS 10303-18:2021, Industrial automation systems and integration - Product data representation and exchange - Part 18: Description methods: SysML XMI to Web services transformation, $225.00

RARE EARTH (TC 298)

ISO/TS 22451:2021, Recycling of rare earth elements - Methods for the measurement of rare earth elements in industrial waste and end-of-life products, $73.00

SECURITY (TC 292)

ISO/TS 22332:2021, Security and resilience - Business continuity management systems - Guidelines for developing business continuity plans and procedures, $149.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TS 20684-2:2021, Intelligent transport systems - Roadside modules SNMP data interface - Part 2: Generalized field device basic management, $200.00

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 23091-4:2021, Information technology - Coding-independent code points - Part 4: Usage of video signal type code points, $149.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 19795-1:2021, Information technology - Biometric performance testing and reporting - Part 1: Principles and framework, $225.00

ISO/IEC TS 22924:2021, Identification cards - Transport layer topologies - Configuration for HCI/HCP interchange, $149.00

ISO/IEC/IEEE 15026-4:2021, Systems and software engineering - Systems and software assurance - Part 4: Assurance in the life cycle, $200.00

IEC Standards

AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)

IEC 63002 Ed. 2.0 en:2021, Interoperability specifications and communication method for external power supplies used with computing and consumer electronics devices, $259.00

ELECTROMECHANICAL COMPONENTS AND MECHANICAL STRUCTURES FOR ELECTRONIC EQUIPMENTS (TC 48)

IEC 63171-2 Ed. 1.0 en:2021, Connectors for electrical and electronic equipment - Part 2: Detail specification for 2-way, shielded or unshielded, free and fixed connectors: mechanical mating information, pin assignment and additional requirements for type 2, $183.00

IEC 61076-2-010 Ed. 1.0 b:2021, Connectors for electrical and electronic equipment - Product requirements - Part 2-010: Circular connectors - Detail specification for connectors with outer or inner push-pull locking mechanism, based on mating interfaces according to IEC 61076-2-101, IEC 61076-2-109, IEC 61076-2-111 and IEC 61076-2-113, $354.00

FIBRE OPTICS (TC 86)

IEC/PAS 63267-3-30 Ed. 1.0 en:2021, Fibre optic interconnecting devices and passive components - Fibre optic connector optical interfaces - Part 3-30: End face geometry - Angled PC end face PPS rectangular ferrule multimode A1b fibres, $51.00

FIRE HAZARD TESTING (TC 89)

IEC 60695-11-11 Ed. 1.0 en:2021, Fire hazard testing - Part 11-11: Test flames - Determination of the characteristic heat flux for ignition from a non-contacting flame source, $221.00

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC/PAS 63313 Ed. 1.0 en:2021, Position statement on germicidal UV-C irradiation - UV-C safety guidelines, $89.00

METHODS FOR THE ASSESSMENT OF ELECTRIC, MAGNETIC AND ELECTROMAGNETIC FIELDS ASSOCIATED WITH HUMAN EXPOSURE (TC 106)

IEC/PAS 63184 Ed. 1.0 en:2021, Assessment methods of the human exposure to electric and magnetic fields from wireless power transfer systems - Models, instrumentation, measurement and numerical methods and procedures (frequency range of 1 kHz to 30 MHz), $417.00

SWITCHGEAR AND CONTROLGEAR (TC 17)

IEC 62271-200 Ed. 3.0 en:2021, High-voltage switchgear and controlgear - Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV, $417.00

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 11 - Boiler and Pressure Vessels

Reply Deadline: June 4, 2021

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 11 – Boiler and pressure vessels, which is currently in Stand-by. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 11 to the National Board of Boiler & Pressure Vessel Inspectors (NBBPVI). NBBPVI has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 11 operates under the following scope:
Standardization of construction of boilers and pressure vessels. Excluded:

- railway and marine boilers covered by ISO/TC 8;
- gas cylinders covered by ISO/TC 58;
- aircraft and vehicle components covered by ISO/TC 20;
- equipment used for fire-fighting covered by ISO/TC 21;
- personal safety equipment covered by ISO/TC 94;
- components of rotating or reciprocating devices;
- nuclear pressure equipment covered by ISO/TC 85;
- piping systems;
- cryogenic vessels covered by ISO/TC 220.

Note : Construction is an all-inclusive term that includes design, materials, fabrication, examination, inspection, testing and conformity assessment.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 11. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat.
Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

1. The affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the Secretariat;
2. the affected technical sector, organizations or companies desiring that the U.S. hold the Secretariat request that ANSI perform this function;
3. the relevant U.S. TAG has been consulted with regard to ANSI's potential role as Secretariat; and
4. ANSI is able to fulfill the requirements of a Secretariat.

If no U.S. organization steps forward to assume the ISO/TC 11 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by **June 4, 2021**, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

Information concerning the United States retaining the role of international Secretariat may be obtained by contacting ANSI's ISO Team (isot@ansi.org).

International Organization for Standardization (ISO)

ISO New Work Item Proposal

Guidance for Advertising and Marketing Affecting Children

Comment Deadline: June 11, 2021

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

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

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

ISO New Work Item Proposal

Guidelines for Evaluating Standardization Benefits for Organizations

Comment Deadline: June 4, 2021

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

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

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

International Organization for Standardization (ISO)

ISO New Work Item Proposal

Guidelines for the Promotion and Implementation of Gender Equality

Comment Deadline: June 25, 2021

AFNOR, the ISO member body for France, has submitted to ISO a new work item proposal for the development of an ISO standard on Guidelines for the Promotion and Implementation of Gender Equality, with the following scope statement:

Standardization in the field of gender equality with the aim of developing a technical guidance on how to promote and implement gender equality in all types of organizations, public or private, regardless of their size, location and field of activity.

The objective is to develop guidelines on:
· Concepts, terms and definitions;
· Identification of existing good practices;
· Definition of actions, strategies, policies for the promotion and implementation of gender equality

Excluded: Related standardization work on diversity in human resources management as covered by ISO/TC 260 "Human resources management"
Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, June 25, 2021.

ISO Proposal for a New Field of ISO Technical Activity

District Energy System

Comment Deadline: June 4, 2021

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

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

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

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

Registration of Organization Names in the United States

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

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

ABYC C-5

CONSTRUCTION AND TESTING OF ELECTRIC NAVIGATION LIGHTS

5.6 *DESIGN AND CONSTRUCTION REQUIREMENTS*

5.6.1 *Luminous Intensity and Range of Visibility*

5.6.1.1 The photometric luminous intensity (~~-~~I_0) and range of visibility shall comply with TABLE 1.

5.6.1.4 HORIZONTAL LUMINOUS INTENSITY DISTRIBUTION

5.6.1.4.5 *Navigation Lights Using ~~A~~an Incandescent Light Source ~~A~~and Intended To Be Installed ~~O~~on Boats Less Than 20 M (65 FT) in Length Overall (LOA)~~.~~*

5.6.1.4.5.1 The horizontal luminous intensity distribution of navigation lights using an incandescent light source and intended to be installed on boats less than ~~65 ft~~ 20 m (~~65 ft 20 m~~) in ~~the~~ length overall (LOA) ~~of the hull~~ shall meet the following requirements for forward and aft sector cutoffs (see FIGURE 1A and FIGURE 1B).

5.6.1.4.5.1.1 *Forward Sector Cutoff* - the horizontal luminous intensity of the light shall exhibit a progressively decreasing value from "dead ahead" such that the luminous intensity is at least the minimum required intensity for the specified range at the "dead ahead" position and decrease to a value of 12.5% or less of the required minimum intensity for the specified range within the first 3° past "dead ahead".~~the horizontal luminous intensity of the light must exhibit a progressively decreasing value from "dead ahead" such that the luminous intensity is at least the minimum required intensity for the specified range at the "dead ahead" position and decrease to a value of 33% of the required minimum intensity for the specified range within the first 3° past "dead ahead" (practical cutoff) and progressively further decrease to a value of less than 12.5% of the required minimum intensity within an additional 2° past dead ahead (absolute cutoff within 2017° of "dead ahead").~~

5.6.1.4.5.1.2 *Aft Sector Cutoff* - the horizontal luminous intensity of the light must be at least the minimum required luminous intensity for the specified range, from ~~"~~dead ahead~~"~~ to the ~~"~~aft sector range limit~~"~~ (112.5°), except that the luminous intensity may progressively reduce to a level that is at least 50% of the minimum required intensity (practical cutoff at 112.5°) for the specified range during the last ~~17~~5° of the ~~"~~aft sector range limit~~"~~ (107.5° to 112.5°). The luminous intensity must further progressively decrease to a value less than 12.5% of the required minimum intensity (absolute cutoff) for the specified range within the 5° past the ~~"~~aft sector range limit~~"~~ (117.5°).
~~and remain at the value less than 12% of the required minimum intensity for all points further aft.~~

ABYC A-16

INSTALLATION OF ELECTRIC NAVIGATION LIGHTS

16.4 ***DEFINITIONS***

For the purposes of this standard the following definitions apply.

16.4.~~x~~8 Sheerline - the top edge of the hull side (see F~~igure X~~IGURE 1).

16.6 ***INSTALLATION REQUIREMENTS***

16.6.~~12~~13 Navigation lights shall be mounted in a way that minimizes damage by contact with other objects under normal operating conditions.

~~16.6.12.1 Navigation lights shall not be mounted in the rubrail or other surface exposed to the damage during docking.~~

16.6.14 Under 72 COLREGS, the sidelights shall be carried above the sheerline (see FIGURE 1).

NOTE: Under the Federal Inland Navigation Rules, the sidelights may be carried either above or below the sheerline.

16.7.2 ***Power Driven Vessel Underway***

16.7.2.1 If two masthead lights are carried, the aft one shall be at least 4.5 m (18 ft) vertically higher than the forward one and the horizontal distance between them shall not be less than one half of the length of the vessel but need not be more than 100 m~~eters~~. The forward light shall be placed not more than one quarter of the length of the vessel from the stem.

~~the horizontal distance between them shall not be less than one quarter of the length of the vessel but need not be more than 50 meters (164 ft). The forward light shall be placed not more than one half of the length of the vessel from the stem.~~

16.7.2.3.2 a combination sidelight visible for at least two nautical miles, over the fore and aft centerline, not less than one meter (39 in) below the masthead light; and a masthead light as far forward as practicable, visible for at least three nautical miles, placed over the fore and aft centerline of the vessel, 2.5 m (98 in) minimum above the gunwale; and a stern light visible for at least two nautical miles.

NOTE: Lights designed for a vessel 12 ~~m~~ to 20 m (39 ~~ft~~ to < 65 ft) in length overall (LOA) may be used on a vessel that is less than 12 m (39 ft) in length overall (LOA).

16.7.2.4.1.1 ~~The sidelights shall be fitted with inboard screens painted matt black to reach the practical cutoff between 1° and 3° outside the prescribed sector requirements.~~
If the sidelights are required to be fitted with inboard screens (light boards) to reach the practical cutoff between 1° and 3° outside the prescribed sector requirements, the screens shall be matte black.

16.7.3 ***Sailing Vessel (Under Sail Only)***

NOTE: ~~A~~ S~~s~~ailing vessels under sail alone may exhibit, where they can best be seen, two all-round lights in a vertical line, the upper being red and the lower green, in addition to the prescribed sidelights and stern light but not with a tricolor light.

16.7.3.1 Sailing vessels less than 12 m (39 ft) in ~~the~~ length overall (LOA) ~~length of hull~~ shall display navigation lights in one of the following configurations (see FIGURE ~~5~~6):

16.7.3.1.1 separate sidelights visible for at least one nautical mile and a stern light visible for at least two nautical miles; or

16.7.3.1.2 a combination sidelight visible for at least one nautical mile, placed over the fore and aft centerline; and a stern light visible for at least two nautical miles; or

16.7.3.2.2 a combination sidelight visible for at least two nautical miles, placed over the fore and aft centerline; and a stern light visible for at least two nautical miles; or

16.7.3.2.3 a tricolor light with all sectors visible for at least two nautical miles.

NOTE~~S~~:

~~1.~~ *The tricolor light indicates a sailing vessel that is under sail alone, and should not be displayed when the vessel is under power, or when under sail and power. Under these conditions, the configurations applicable to a power vessel apply. Provision shall be made to display the two configurations separately, not simultaneously.*

1. ~~1.~~2. ~~2.~~ *Lights designed for a vessel 12 ~~m~~ to 20 m (39 ~~ft~~ to < 65 ft) in length overall (LOA) may be used on a vessel that is less than 12 m (39 ft) in length overall (LOA).*

BSR/ASHRAE Addendum f
to ANSI/ASHRAE Standard 62.2-2019

Public Review Draft

Proposed Addendum f to Standard 62.2-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings

First Public Review (May 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 ASHARE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

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

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

FOREWORD

This proposed addendum updates the references used for rating ventilation equipment. The revised references allow for ratings that better reflect installed performance and allow for improved performance metrics to be used in the future in the ASHRAE 62.2 Standard.

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

Addendum f to 62.2-2019

Revise Section 7.1 as shown below. Renumber the existing sections accordingly.

7.1 ~~Selection and Installation~~Ratings. Airflow and sound ratings shall be provided for ~~V~~ventilation devices and equipment serving individual dwelling units. Airflow and sound ratings shall be provided in accordance with HVI 920, or equivalent, by an administration and certification body that is accredited in accordance with ISO 17065 with respect to application of the standards and test procedures referenced in Section 7.1 and accredited by an accreditation body operating in accordance with ISO 17011. Laboratory tests of representative units shall be conducted for airflow ~~shall be tested~~ in accordance with ANSI/ASHRAE Standard 51/AMCA 210, as prescribed by HVI 916, or equivalent, and conducted for sound in accordance with ANSI/AMCA Standard 300, as prescribed by HVI 915, or equivalent. ~~and rated in accordance with the airflow and sound rating procedures of the Home Ventilating Institute (HVI 915, 916, and 920).~~ This section does not require certification to HVI 917.

7.2 Installation. Installations of systems or equipment shall be carried out in accordance with manufacturer design requirements and installation instructions.

Revise Section 9 as shown below. The remainder of Section 9 is unchanged.

HVI 920 (~~2015~~2020) Product Performance Certification Procedure Including Verification and Challenge

International Organization for Standardization
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
+ 41 22 749 01 11; www.iso.org

ISO/IEC 17065: 2012. Conformity Assessment - Requirements for Bodies Certifying Products, Processes and Services
Section 7.1
ISO/IEC 17011: 2017. Conformity Assessment - Requirements for Accreditation Bodies Accrediting Conformity Assessment Bodies
Section 7.1

BSR/ASHRAE/ASHE Addendum c
to ANSI/ASHRAE/ASHE Standard 170-2021

Public Review Draft

Proposed Addendum c to Standard 170-2021, Ventilation of Health Care Facilities

First Public Review (May 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 Parkway NW, Peachtree Corners, GA 30092

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

FOREWORD

The proposed filter changes in Addendum c are to align Standard 170 requirements with FGI requirements for residential health care facilities.

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

Addendum c to 170-2021

Revise Table 9-1 as shown below. The remainder of Table 9-1 is unchanged.

TABLE 9-1 Design Parameters for Residential Health, Care, and Support-Specific Spaces

Function of Space (l)	Pressure Relationship to Adjacent Areas (d)	Minimum Outdoor (ACH)	Minimum Total (ACH)	All Room Air Exhausted Directly to Outdoors (f)	Air Recirculated by Means of Room Units (a)	Unoccupied Turndown	Minimum Filter Efficiencies (i)	Design Relative Humidity (g), (%)	Design Temperature (h), °F/°C
RESIDENTIAL HEALTH									
NURSING HOMES									
AII room *(FGI 3.1-2.2.4.1)* (b)	Negative	2	12	Yes	No	Yes	MERV-~~14~~13	max 60	70–78/21–29
AII anteroom *(FGI 3.1-2.2.4.1)* (b)	Negative	NR	10	Yes	No	Yes	MERV-~~14~~13	NR	70–78/21–29
Occupational therapy *(FGI 3.1-3.3.3)*	NR	2	6	NR	NR	Yes	MERV-~~14~~13	NR	70–78/21–29
Physical therapy *(FGI 3.1-3.3.2)*	Negative	2	6	NR	NR	Yes	MERV-~~14~~13	NR	70–78/21–29
Resident living/activity/dining *(FGI3.1-2.3.3)*	NR	4	4	NR	NR	Yes	MERV-~~14~~13	NR	70–78/21–29
Resident room *(FGI 3.1-2.2.2)*	NR	2	2	NR	NR	Yes	MERV-~~14~~13	NR	70–78/21–29
Resident corridor *(FGI 2.4-2.2.2)*	NR	NR	4	NR	NR	Yes	MERV-~~14~~13	NR	70-78/21-29
Toilet/Bathing room *(FGI 3.2-2.2.2.6)*	Negative	NR	10	Yes	No	No	MERV-~~14~~13	NR	70–78/21–29
HOSPICE FACILITIES									
AII room *(FGI 3.2-2.2.3.1)* (c)	Negative	2	12	Yes	No	Yes	MERV-~~8~~13	Max 60	70–75/21–24
AII anteroom *(FGI 3.2-2.2.3.1)* (c)	(e)	NR	10	Yes	No	Yes	MERV-~~8~~13	Max 60	NR
Resident room *(FGI 3.2-2.2.2)*	NR	2	2	NR	NR	Yes	MERV-~~8~~13	Max 60	70–75/21–24
Resident corridor *(FGI 2.4-2.2.2)*	NR	NR	4	NR	NR	Yes	MERV-~~8~~13	NR	NR
Toilet/Bathing room *(FGI 3.2-2.2.2.6)*	Negative	NR	10	Yes	No	Yes	MERV-~~8~~13	NR	70–75/21–24
RESIDENTIAL CARE AND SUPPORT									
[…]									
SUPPORT SPACES									
[…]									
Nonrefrigerated body holding room	Negative	NR	10	Yes	No	No	MERV-8	NR	68-75/20-24

Informative Note: NR=No requirement

Add a new Section 9.4.3 as shown below.

9.4.3 Nonrefrigerated Body Holding Rooms. A nonrefrigerated body holding room is applicable only to facilities that do not perform autopsies on-site and use the space for short periods while waiting for the body to be transferred. All exhaust air from nonrefrigerated body holding shall be discharged directly to the outdoors without mixing with air from any other room or exhaust system.

Revise Informative Appendix D as shown below.

INFORMATIVE APPENDIX D
RECOMMENDED FILTER EFFICIENCIES BY SPACE TYPE

Spaces in Table 7-1, 8-1, 8-2, and 9-1 of this standard have filter efficiencies assigned based on Table D-1. This table is provided here for information, to allow users to understand the intent of the filter assignments and make engineering judgments on spaces not specifically named in the standard.

Table D-1: Recommended Filter Efficiencies by Space Type

Level	Space Category	Filter Efficiency Recommendations[a,b]
I	- Primarily exhausted space (e.g. restrooms, janitor's rooms) - Any-human occupied space - Any room, inpatient or outpatient, where a patient stays less than 6 hours including waiting rooms. - Laboratories - Resident rooms in assisted living ~~or hospice~~ - Storage of packaged sterile material, clean linen, or pharmaceuticals[c] - Treatment rooms, Endoscopy procedure room - Dirty side of decontamination process	MERV 8 (equivalent to ASHRAE 62.1 or Standard 62.2)
II	-Skilled nursing and hospice residential health facilities	MERV 13[f,g]
~~II~~ III	- Inpatient spaces, including Medical-Surgical, Airborne Isolation[d] -Special exam room for suspect airborne cases, emergency department exam rooms[e] ~~- Resident room in a skilled nursing area~~ - Workroom for packing of sterile materials - CT or MRI Procedure, Interventional radiology (including biopsy), or bronchoscopy - ER Procedure or Trauma Room	MERV14[f,g]
~~III~~ IV	- Operating Room[h]	MERV16[f]
~~IV~~ V	- Operating Room designated for orthopedic, transplants, neuro-surgery, or dedicated burn unit procedures - Protective environments, including burn units	HEPA

Notes
a. Where listed, MERV rating is assumed to be non-degrading
b. Transfer air due to differences in pressure between spaces may be unfiltered.
c. Pharmacy compounding spaces are not covered in this table. Follow <USP>795, <USP> 797, or <USP> 800 as applicable.
d. Does not include recirculated air. Air recirculated in an Airborne Isolation room requires HEPA filters.
e. Air from spaces where suspected airborne cases may be treated or examined should be filtered at level ~~II~~ III prior to re-circulation to other spaces. If exhausted, supply air filtration may be level I.
f. Minimum MERV rating of the highest efficiency filter in the air stream.
g. Filter efficiency if supply air is used; Not intended to exclude natural ventilation if otherwise allowed.
h. An optional risk assessment, with the user group may indicate a need to increase from Level ~~III~~ IV to Level ~~IV~~ V.

Tracking number 2i41r2 **Revision to NSF/ANSI 2 – 2019**
 Issue 41, Revision 2 (May 2021)

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by grey highlighting. Rationale Statements are in *red italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF International Standard/
American National Standard –

Food equipment

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5 Design and construction

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5.46 Thermometers

5.46.1 Temperature-indicating devices (thermometers) shall be clear and easily readable.

5.46.2 Temperature-indicating devices shall be constructed of material appropriate for use in the zone of intended use.

5.46.3 The sensing element of a temperature-indicating device shall be easily cleanable.

5.46.4 Unless otherwise specified by this section, temperature-indicating devices shall have an accuracy of ± 2 °F (± 1 °C) at critical temperatures within the range of the device. Accuracy of temperature- indicating devices shall be tested in accordance with 6.

5.46.4.1 Candy / deep fat fryer thermometers shall have an accuracy of ± 5 °F (± 3 °C) at 25% and 75% of the use range.

5.46.4.2 Single temperature thermometers shall be tested for an accuracy of ± 2 °F (± 1 °C) at the applicable temperature.

5.46.4.3 Nonproduct oven thermometers shall have an accuracy of ± 25 °F (± 14 °C) at critical temperatures within the range.

5.46.4.4 Warewashing and hot food holding thermometers shall have an accuracy of ± 3 °F (± 1.5 °C) at critical temperatures within the range.

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6 Performance

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6.3 Thermometers

6.3.1 Performance requirement

Thermometers shall be accurate to within a given temperature range at specified temperatures based on intended usage.

6.3.2 Test method

Three thermometers of a given type shall be tested against a calibrated thermometer having the appropriate test range and an accuracy of no less than ± 0.1 °F (± 0.05 °C). Thermometers shall be allowed to stabilize within the appropriate test media or calibration device prior to the recording or comparison of readings. Battery and solar powered thermometers shall be connected to a variable voltage source instead of their supplied battery and/or solar panel. The supply voltage shall be adjusted to allow the thermometers to be tested at the rated voltage and the lowest possible operating voltage (lowest voltage that will allow a temperature to be displayed).

6.3.3 Acceptance Criteria

Each of the three thermometers tested shall be accurate when compared to the reading of the calibrated thermometer. Unless otherwise specified below, thermometers shall be tested for an accuracy of ± 2 °F (± 1 °C) at critical temperatures throughout the use range. Critical test temperatures are as follows: 0 °F (-18°C), 40 °F (4 °C), 145 °F (63 °C), and 170 °F (77 °C).

— oven thermometers shall be accurate to within ± 25 °F (± 14 °C) at 25% and 75% of the temperature scale, beginning at 200 °F (93.3 °C); ~~and~~ or
— candy / deep fryer thermometers shall be accurate to within ± 5 °F (± 3 °C) at 25% and 75% of the temperature scale~~.~~; or
— warewashing and hot food holding thermometers shall be accurate to within ± 3 °F (± 1.5 °C) when tested at 145 °F (62.8 °C) and 170 °F (76.7 °C).

***Rationale**: The proposed language aligns the intent of 5.46.4 with the accuracy and test point requirements for warewashing thermometers in NSF 3 section 5.8.2 and hot food holding thermometers in NSF 4 section 5.45.4.*

Tracking #14i111r1

Revision to NSF/ANSI 14-2020
Issue 111, Revision 1 (May 2021)

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by grey highlighting. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard
for Plastics —

Plastics piping system components and related materials

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5 Physical and performance requirements

5.1 General

Plastic piping system components and related materials shall comply with the physical and performance requirements of the applicable normative standard (as referenced in Section 2) and with the requirements of Sections 5.2 through 5.8.

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5.3 Requirements for PVC resins

~~Resins intended for use in PVC pressure pipe compounds shall comply with the applicable requirements of PPI TR-3.~~ ~~**Error! Bookmark not defined.**~~

~~NOTE — PPI TR-3 currently limits the inherent viscosity of PVC pressure pipe resin to a minimum of 0.88.~~

PVC pipe resins intended for use in the PVC Range Formulation shall comply with PPI TR-2, B.1 PVC Resin. The substitution of PVC resins in an existing listed formulation shall comply with the applicable requirements of PPI TR-3, Section E.4.2.4.

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Tracking number 42i116r1 **Revision to NSF/ANSI 42-2020**
 Issue 116 Revision 1 (May 2021)

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by gray highlighting. Rationale statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard
for Drinking Water Treatment Units –

Drinking Water Treatment Units – Aesthetic Effects

7 Elective performance claims – Test methods

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7.3 Chemical reduction testing

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7.3.2 Chloramine reduction testing

7.3.2.1 Chloramine reduction claims

Claims for the reduction of chloramine may be made for drinking water treatment systems when tested in accordance with Section 7.3.2. To qualify for a chloramine reduction claim, ~~T~~the system shall reduce ~~an average~~ the concentration of chloramine from the influent challenge ~~of 3.0 ± 0.3 mg/L monochloramine (measured as Cl_2/L)~~ so that, prior to the ~~100% sampling point~~, final sample point establishing capacity, 90% of the product water sample concentrations demonstrate a greater ~~are less~~ than or equal to ~~0.5 mg/L monochloramine (measured as Cl_2/L)~~ 80.0% reduction of the influent water concentration. Samples collected at the ~~100%~~ final sample point establishing capacity shall ~~be less~~ demonstrate a greater than or equal to ~~0.5 mg/L monochloramine (measured as Cl_2/L)~~ 80.0% reduction of the influent water concentration.

~~NOTE — The acceptable single point influent concentration is 3.0 ± 0.5 mg/L (measured as Cl_2/L).~~

Upon the determination of a reduction capacity for chloramine, systems may also claim reduction of chlorine to the same reduction capacity as that demonstrated for chloramine.

Table 7.2
Chloramine reduction requirements

	Average influent challenge concentration	Individual influent sample point limits[1]	~~Maximum effluent concentration~~ Percent reduction requirement	Compound
chloramine[2]	3.0 mg/L ± 10%	3.0 ± 0.~~5~~3 mg/L	~~0.5 mg/L~~ ≥ 80.0%	monochloramine

[1] Equals average influent challenge concentration variability plus one of the following, in order of availability:

1. Acceptable continuing calibration verification (CCV) limits stated in the appropriate US EPA Method.
2. Acceptable spike recoveries as stated in the appropriate US EPA Method.
3. Opinion of laboratory professionals – No guidance available in US EPA Method.

[2] As monochloramine (measured as Cl_2/L).

Rationale: Revised to measure the effluent by percent reduction per 2021 DWTU JC meeting discussion (May 12, 2021). This revision will improve the repeatability of the test by negating the impact of the variation of the influent chloramine concentration. This is also consistent with the way the chlorine reduction test is evaluated in section in 7.3.3.

Tracking number 455-2i24r1 **Revision to NSF/ANSI 455-2-2020**
 Issue 24 Revision 1 (May 2021)

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by gray highlighting. Rationale statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard
for GMP for Dietary Supplements –

Good Manufacturing Practices for Dietary Supplements

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5 Audit process

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5.3 Audit preparation

5.3.1 Selection of an audit type

This Standard has two types of audits – a certification audit and a monitoring audit.

A certification audit is conducted against the Standard requirements to determine eligibility and satisfactory completion of certification requirements.

A monitoring audit is conducted to assess progress against corrective actions and to verify completion of corrective actions. The CB determines if this will be an in person or virtual / desk audit based on the number and severity of the nonconformances. Monitoring audits are required for any company who receives a grade of C. A CB ~~shall~~ may also require a monitoring audit for companies who have not closed out previous minor nonconformances regardless of their grade.

5.3.2 Self-assessment of compliance with the Standard

The company shall assure that it is operating in compliance with 21 CFR Part 111 *Current Good Manufacturing Practice in Manufacturing, Packaging, Labeling, or Holding Operations for Dietary Supplements* and 21 CFR Part 117 *Current Good Manufacturing Practice, Hazard Analysis, and Risk-Based Preventive Controls for Human Food* as applicable and the *21 CFR Part 1 Subpart L Foreign Supplier Verification Program* to their production of dietary supplements. The company shall comply with these normative references. US FDA guidance is available on the US FDA website <www.fda.gov/food/guidanceregulation/guidancedocumentsregulatoryinformation/dietarysupplements/default.htm>.

The company shall read and understand the documents and the requirements contained therein. A self-assessment shall be conducted by the company against the Standard to prepare for the audit. Gaps identified shall be addressed by the facility prior to a certification audit.

An optional gap analysis audit of the site ~~shall~~ may be conducted by a third party consultant other than the CB.

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5.4 Audit planning

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5.4.2 Dietary supplement cGMP audit – Guidelines for determining audit duration

A dietary supplement cGMP audit shall consist~~s~~ of administrative activities and audit time at the facility.

— administrative activities include preparing the audit plan, generating audit forms, and finalizing the audit documents; and

— the audit time at the facility consists of (fairly) standard audit times for reviewing support systems such as personnel, training, maintenance, laboratories, internal audit process, and recall, and a variable portion of time auditing the plant / facility operation. The variable portion depends upon the number and complexity of the product technologies employed in the plant / facility and the number of product categories produced. However, a product technology ~~shall~~ may be used to manufacture a number of different types of product categories. For example, if a manufacturing technology is utilized for more than one type of product the audit of that technology for one type of product ~~shall~~ may be sufficient for certification purposes.

The CB determines the audit duration and number of auditors. The audit plan typically calls for a single auditor. Additional auditors ~~shall~~ may participate in the case of (1) very large facilities (2) shadowing / training purposes, or (3) a reaudit of antagonistic, challenging, or recalcitrant auditee.

Two types of audits are conducted: certification audits and monitoring audits.

A certification audit is generally completed in two days, but ~~shall~~ may be more or less depending upon the size of the facility and the complexity of the product categories and technologies. The two day audit is based on a dietary supplement manufacturer with up to five product categories, and up to three technologies conducted in a single facility. The base case assumes that water is a raw material ingredient, and that one or more materials or products require micro quality testing.

Larger facilities with multiple buildings, more than five product categories, and more than three technologies ~~shall~~ may require additional audit time, or multiple auditors, or both.

Facilities with a specialized, limited product ~~shall~~ may be audited in one day. Examples of this type of facility include raw material ingredient supplier, packaging component supplier, and a manufacturer of a nonaqueous, nonmicrobially sensitive dietary supplement product.

Table 5.1 below presents guidelines for the minimum length of the certification audit and number of auditors for various plant / facility types:

Table 5.1
Guidelines for audit duration

Facility size:	Raw / packaging material	Specialized	Standard	Large
product categories	single	single, multiple flavors	up to five	more than five
technologies	single	single	up to three	four or more
facility	single	single	single	one to three
shifts	up to three	single or part time	up to three	up to three
days of operation	five or less	five or less	up to seven	up to seven
water as an ingredient	yes or no	no	yes	yes
microquality testing	yes or no	no	yes	yes
number of auditors	one	one	one	two
audit days	one	one	two	two to three

The audit duration and resource requirement ~~shall~~ may be adjusted based on knowledge of the manufacturer and its operation, regulatory history, and focus of the audit.

A monitoring audit ~~shall~~ may be conducted to assess progress against corrective actions and to verify completion of corrective actions. The duration of the audit is determined by the CB, based on the number and severity of the nonconformances and the related corrective actions.

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NSF/ANSI Standard
for GMP for Dietary Supplements –

Good Manufacturing Practices for Dietary Supplements

NSF/ANSI Standard
for GMP for Cosmetics –

Good Manufacturing Practices for Cosmetics

NSF/ANSI Standard
for GMP for Over-the-Counter Drugs –

Good Manufacturing Practices for Over-the-Counter Drugs

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5 Audit process

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5.6 Reporting / grading

5.6.1 Complete audit report

At the conclusion of each audit, a written report is issued in the standardized format. The report shall be written in English. The report shall be translated to another language as appropriate to the user for a fee. The audit report provides the company and customers, existing or prospective, with an accurate view of the site quality systems and performance against the requirements of the Standard.

The audit report includes the status of corrective actions from past audit nonconformances, if applicable, and shall include improvements since the last audit.

~~Reports are prepared within ten business days of the conclusion of the onsite audit.~~

5.6.2 Technical review of the audit report and findings

The audit report, findings, and certification application are reviewed by the CB. The technical reviewer shall possess expert knowledge of the Standard and its requirements, and have full understanding of the grading model and its intent. The technical reviewer shall be independent of the auditor(s) conducting the site visit and audit.

The technical reviewer reads and evaluates the audit summary for completeness and accuracy, including grammatical correctness.

The technical reviewer evaluates the classification of the findings, confirms the findings as nonconformances, and consults with the auditor where further clarification is needed. Where multiple findings are reported within a single system element (e.g., training), the overall classification of that system element shall be raised (e.g., multiple minor nonconformances shall be grouped into a major nonconformance).

The technical reviewer documents their comments in the audit report database. Where modifications to the report are indicated, the report is returned to the auditor for revision.

~~The technical review process is to be completed within five business days.~~

5.6.3 Finalize the audit report and determine audit grade

The auditor edits or updates the audit report, as necessary, taking in consideration the evaluation and modifications noted by the technical reviewer.

The amended report is routed to the technical team for final review. The technical reviewer either approves the amended report or requests further modifications.

Once the audit report is finalized, the audit grade is assigned. The purpose of the audit grade is to provide an overall cGMP rating for the site. The grade is based on the number and severity of the nonconformances observed during the audit. The nonconformances and grade are reviewed and verified by the CB. The number and severity of nonconformances are communicated in the final audit report.

Table 5.2 below presents the grade to be awarded as a result of the audit nonconformances.

Table 5.2
Summary of grading model

Grade	Critical	Major	Minor
A	0	0	≤ 7
B	0	1	≤ 7
B	0	0	8 to 15
C	0	2	≤ 7
C	0	1	8 to 15
C	0	0	16 to 23
D	0	0	≥ 24
D	0	1	≥ 16

D	0	2	≥ 8
D	0	≥ 3	any
D	≥ 1	any	any

After the audit is finalized and the audit grade is assigned, the report is approved by the CB. The final audit report is archived by the CB.

The total final review and report publication process shall be completed within 10 business days from the end of the audit. ~~The complete audit report process shall be completed in 30 business days from the time of the audit.~~

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NSF/ANSI Standard
for Good Manufacturing Practices –

Good Manufacturing Practices for Cosmetics

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4 Audit requirements

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4.4 Support

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4.4.17 Premises are maintained in a clean and sanitary condition. [ISO 22716:2007 4.10]

4.4.18 ~~Cleaning~~ Procedures ~~are~~ shall be established and implemented for cleaning of the plant areas, facilities, and equipment. [ISO 22716:2007 4.10.4 & 5.3.1]

4.4.19 Cleaning and sanitizing compounds have been established for cleaning the facility. These agents are safe and effective under the conditions of use. [ISO 22716:2007 4.10.3]

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4.6.9 Samples of raw materials are retained according to a defined program. [ISO 22716:2007 9.8.4]

~~**4.6.10** Procedures have been established for cleaning and sanitization, including verification and documentation thereof, of all utensils and equipment. [ISO 22716:2007 5.3.1]~~

4.6.~~11~~10 Complaint procedures shall be established and complaint records shall be maintained.

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BSR/UL 746F, Standard for Flexible Dielectric Film Materials for Use in Printed Wiring Boards and Flexible Materials Interconnect Constructions

1. Add Material Property Considerations for Testing for New Clause 8.1.13A

PROPOSAL

8.1.13A The properties of materials may vary with thickness and orientation. Therefore, when preparing samples, consideration is to be given to testing samples representative of both the thickest and the thinnest end product applications, and where mechanical tests are involved, testing samples that have been cut lengthwise, crosswise, and also normal to the surface of the material.

2. Add Halogen Content Testing in New Clause 8.1.13B

PROPOSAL

8.1.13B Total halogen content testing (i.e. the total amount of chlorine and bromine) in base materials shall be conducted in accordance UL 746E.

BSR/UL 789-202x, Standard Indicator Posts for Fire-Protection Service

1. Indicator posts with reducing gears

PROPOSAL

5 Barrels

5.1 The walls of a barrel shall be made of material having physical and corrosion resistant properties at least equivalent to one of the following:

a) Gray iron extra-heavy soil pipe (0.25 inch nominal thickness) in accordance with the Standard Specification for Cast Iron Soil Pipe and Fittings, ASTM A74~~, for either the upper or lower barrel~~;

b) Minimum 0.21-inch thick ductile iron in accordance with the Standard for Ductile Iron Pipe Centrifugally Cast, for Water, ANSI/AWWA C151/A21.51~~, for either the upper or lower barrel~~;

c) Schedule 40 steel pipe for either the upper or lower barrel in accordance with Standard Specification for Pipe, Steel, Black, and Hot-Dipped, Zinc-Coated, Welded and Seamless, ASTM A53, and the Standard Specification for Electric-Resistance-Welded Steel Pipe, ASTM A135;

c1) Steel tubing made in accordance with Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes, ASTM A500, with a minimum wall thickness at least equivalent to schedule 40 steel pipe of the same size.

d) Class 200 polyvinyl chloride (PVC) pipe in accordance with the Standard for Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings, 4 inch through 12 inch for Water Distribution, AWWA C-900, for the lower barrel of indicator posts for underground use.

(NEW SECTION)

11A Indicator Post Reducing Gears

11A.1 Indicator posts with reducing gears and gear shafts used to provide a mechanical advantage for valve operation shall be made of materials having strength and resistance to corrosion at least equivalent to bronze or series 300 stainless steel.

11A.2 Indicator post gearing shall be enclosed in a sealed case or housing with a protective grease lubricant to prevent contamination of the gear operating mechanism.

11A.3 The indicator post gear housing shall be made of a material having physical and corrosion resistant properties at least equivalent to 0.27 inch (0.7 mm) thick cast iron or steel.

Table 13.1

~~Torque requirements~~Strength of Parts Test Torque

Wrench length		Handwheel diameter		Minimum torque	
inches	(mm)	inches	(mm)	foot-pounds	(N·m)
12	(305)	-	-	260	(352)
13	(330)	-	-	290	(394)
14	(356)	-	-	325	(440)
15	(381)	-	-	375	(510)
16	(407)	14	(356)	450	(610)
17	(432)	15	(381)	540	(734)
18	(457)	16	(407)	640	(867)
19	(483)	17	(432)	760	(1034)
20	(508)	18	(457)	900	(1220)

(NEW SECTION)

15A Output Torque Test

15A.1 An indicator post constructed with reducing gears to provide a mechanical advantage in valve operation shall provide an output torque within the range indicated for the valve size it is intended for use with in Table 15A.2 when an input torque is applied based on the wrench length or handwheel size in Table 15.A.1.

15A.2 A sample shall be securely mounted with means to measure the input and output torques.

15A.3 The designated input torque shall be applied to the end of the wrench or rim of the handwheel by a torque wrench or equivalent device. The output torque shall be measured and fall within the range for the valve sizes the indicator post is specified for use with.

Table 15A.1

Input Torque

Wrench length		Handwheel diameter		Input torque	
Inches	(mm)	Inches	(mm)	Ft-lbs	(N·m)
12	305	-	-	227	309
13	330	-	-	240	326
14	356	-	-	256	348
15	381	-	-	277	377
16	406	14	356	289	393
17	432	15	381	296	403
18	457	16	406	338	460
19	483	17	432	318	472
20	508	18	457	367	499

Table 15A.2

Output Torque Range

Nominal Valve Size Nonrising Stem		Output Torque Range			
		Minimum[a]		Maximum	
Inches	(mm)	Ft-lbs	(N-M)	Ft-lbs	(N-M)
8	(200)	150	(204)	300	(408)
10	(250)	185	(251.6)	370	(503)
12	(300)	225	(306)	450	(612)
14	(350)	225	(306)	450	(612)
16	(400)	275	(374)	550	(748)
18	(450)	325	(442)	650	(884)
20	(500)	375	(510)	750	(1020)
22	(550)	425	(578)	850	(1156)
24	(600)	475	(646)	950	(1292)
30	(750)	625	(850)	1250	(1428)
36	(900)	775	(1054)	1550	(1564)

[a] These values align with the UL 262 maximum closing torque values for the leakage test for a given valve size.

(NEW SECTION)

15B Gear Enclosure Leakage Test

15B.1 A indicator post containing a gear enclosure that utilizes reducing gears to provide a mechanical advantage in valve operation shall show no signs of leakage in the gear enclosure when subjected to an external water pressure of at least a head of 10 feet of water for a minimum of 72 hours.

15B.2 A indicator post containing the gear enclosure or representative sample of the enclosure shall be submersed in water.

15B.3 An external water pressure of at least a head of 10 feet of water is to be applied to the exterior of the enclosure assembly for a minimum of 72 hours.

15B.4 After the exposure duration, the enclosure shall be removed and inspected for leakage.

(NEW SECTION)

INSTRUCTIONS

17 General

17.1 The installation instructions for an indicator post shall be provided with each shipment and shall include at least the following:

a) Distinctive model number, catalog designation, or the equivalent;

b) Instructions for installation of the indicator post and connection to the valve;

c) The specific UL 262 nonrising stem gate valve sizes that the product is suitable for use with;

d) Reference to the installation and use in accordance with NFPA 11, NFPA 13, NFPA 14, or NFPA 24;

e) Statement that the valve is intended to be inspected, tested, and maintained in accordance with NFPA 25; and

f) For indicator posts with reducing gears, a statement that indicator posts with reducing gears shall not be used with valves that also contain reducing gears as part of the valve.

BSR/UL 796F, Standard for Flexible Materials Interconnect Constructions

1. Clarify Stiffener Flammability Samples in Clause 12.15.2.1

PROPOSAL

12.15.2.1 Each combination of film, adhesive, base material, bonding film, cover material, dielectric material, stiffener and other insulation in the construction ~~[i.e., FMIC without stiffener or adhesive (external bonding) materials]~~ shall be subject to flammability tests in the minimum and maximum build-up thickness.

Exception No. 1: If the absolute minimum film with the absolute maximum adhesive thicknesses are not intended for production of the construction, two sets of samples shall be subjected to flammability testing. The first set of samples shall include for each material component the absolute minimum film with the corresponding maximum adhesive thickness (which may not be the absolute maximum adhesive thickness to be used in the construction). The second set of samples shall include for each material component the absolute maximum adhesive with the corresponding minimum film (which may not be the absolute minimum film thickness to be used in the construction).

Exception No. 2: If the polyimide film material used to manufacture the base material, bonding film, cover material, and other insulation in the construction has been previously investigated for flammability in the minimum and maximum thickness and the flammability classification is VTM-0 or V-0, flammability testing of the minimum film with the maximum adhesive shall be required for each combination of material as stated in this requirement.

Exception No. 3: If the film material used to manufacture the base material, bonding film, cover material, and other insulation in the construction has been previously investigated for flammability in the minimum and maximum thickness and the flammability classification is VTM-1, VTM-2, V-1, or V-2, double-sided and single-sided samples are required for testing if single-sided material is intended for production.

~~12.15.2.2 Flammability tests shall be conducted on the minimum and maximum construction build-up thickness in 12.15.2.1, in combination with each stiffener and adhesive material in the minimum and maximum build-up thickness.~~