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American National Standards

Call for comment on proposals listed

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. Fax: 212-840-2298; e-mail: psa@ansi.org

* Standard for consumer products

Comment Deadline: November 10, 2019

NSF (NSF International)

Revision

BSR/NSF 14-201x (i105r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2018)

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 (with optional copy to psa@ansi.org) to: jsnider@nsf.org

BSR/NSF 49-201x (i136r1), Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2018)

This Standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to biosafety levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this Standard. This Standard includes basic requirements for the design, construction, and performance of biosafety cabinets (BSCs) that are intended to provide personnel, product, and environmental protection; reliable operation; durability and structural stability; cleanability; limitations on noise level; illumination; vibration; and motor/blower performance.

[Click here to view these changes in full](#)

Send comments (with optional copy to psa@ansi.org) to: arose@nsf.org

BSR/NSF 49-201x (i138r1), Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2018)

This Standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to biosafety levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this Standard. This Standard includes basic requirements for the design, construction, and performance of biosafety cabinets (BSCs) that are intended to provide personnel, product, and environmental protection; reliable operation; durability and structural stability; cleanability; limitations on noise level; illumination; vibration; and motor/blower performance.

[Click here to view these changes in full](#)

Send comments (with optional copy to psa@ansi.org) to: arose@nsf.org

SAIA (ASC A92) (Scaffold & Access Industry Association)

Revision

BSR/SAIA A92.20-201x, Design, Calculations, Safety Requirements and Test Methods for Mobile Elevating Work Platforms (MEWPs) (revision of ANSI/SAIA A92.20-2018)

This Standard is intended to be used in conjunction with BSR/SAIA A92.22, Safe Use of MEWPs, and ANSI/SAIA A92.24-2018, Training Requirements for Operators of MEWPs. This American National Standard specifies safety requirements and preventive measures, and the means for their verification, for certain types and sizes of mobile elevating work platforms (MEWPs) intended to position personnel, along with their necessary tools and materials, at work locations. It contains the structural design calculations and stability criteria, construction, safety examinations and tests that shall be applied before a MEWP is first put into service.

[Click here to view these changes in full](#)

Send comments (with optional copy to psa@ansi.org) to: deanna@saiaonline.org

BSR/SAIA A92.22-201x, Safe Use of Mobile Elevating Work Platforms (MEWPs) (revision of ANSI/SAIA A92.22-2018)

This Standard is intended to be used in conjunction with BSR/SAIA A92.20, Design calculations, safety requirements and test methods for Mobile Elevating Work Platforms (MEWPs), and ANSI/SAIA A92.24-2018, Training Requirements for Operators of Mobile Elevating Work Platforms (MEWPs). This Standard specifies requirements for application, inspection, training, maintenance, repair, and safe operation of Mobile Elevating Work Platforms (MEWPs). It applies to all types and sizes of MEWPs as specified in BSR/SAIA A92.20 that are intended to position personnel, along with their necessary tools and materials, at work locations.

[Click here to view these changes in full](#)

Send comments (with optional copy to psa@ansi.org) to: deanna@saiaonline.org

TIA (Telecommunications Industry Association)

Revision

BSR/TIA 568.0-E-202x, Generic Telecommunications Cabling for Customer Premises (revision and redesignation of ANSI/TIA 568.0-D-2015)

This standard is nearing the 5-year mark and should be reviewed for content; updating to incorporate current standards and best practice. This Standard specifies requirements for generic telecommunications cabling. It specifies requirements for cabling system structure, topologies and distances, installation, performance, and testing. Adding content from Addendum 1 and incorporating additional updates, including content regarding 28AWG patch cords.

[Click here to view these changes in full](#)

Send comments (with optional copy to psa@ansi.org) to: standards@tiaonline.org

BSR/TIA 568.1-E-202x, Commercial Building Telecommunications Cabling Standard (revision and redesignation of ANSI/TIA 568.1-D-2015)

This standard is nearing the 5-year mark and should be reviewed for content; updating to incorporate current standards and best practice. This Standard specifies requirements for telecommunications cabling within a commercial building and between commercial buildings in a campus environment. It defines terms, specifies cabling topology, lists cabling requirements, establishes cabling distances, sets telecommunications outlet/connector configurations and provides additional useful information. Adding content from Addendum 1 and incorporating additional updates, including content regarding 28AWG patch cords.

[Click here to view these changes in full](#)

Send comments (with optional copy to psa@ansi.org) to: standards@tiaonline.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1640-201X, Standard for Safety for Portable Power-Distribution Equipment (revision of ANSI/UL 1640-2016)

This proposal clarifies the usage of Spring Closing "Doors" vs. Spring Closing "Covers" in products covered by UL 1640.

[Click here to view these changes in full](#)

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

Comment Deadline: November 25, 2019

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI/ISO 11135-2015 (R202x), Sterilization of health care products - Ethylene oxide - Requirements for development, validation and routine control of a sterilization process for medical devices (reaffirm a national adoption ANSI/AAMI/ISO 11135-2015) Specifies requirements for the development, validation, and routine control of an ethylene oxide sterilization process for medical devices.

Single copy price: \$274.00 (List); \$155.00 (AAMI Members)

Obtain an electronic copy from: <https://my.aami.org/store/detail.aspx?id=11135-PDF>

Send comments (with optional copy to psa@ansi.org) to: lwaggoner@aami.org

BSR/AAMI/ISO 14708-1-2014 (R202x), Implants for surgery - Active implantable medical devices - Part 1: General requirements for safety, marking and for information to be provided by the manufacturer (reaffirm a national adoption ANSI/AAMI/ISO 14708-1-2014)

Specifies requirements that are generally applicable to active implantable medical devices. The tests that are specified in this document are type tests and are to be carried out on samples of an active implantable medical device to show compliance. This document is applicable not only to active implantable medical devices that are electrically powered but also to those powered by other energy sources. This document is also applicable to some non-implantable parts and accessories of the active implantable medical devices.

Single copy price: \$236.00 (List); \$133.00 (AAMI Members)

Obtain an electronic copy from: <https://my.aami.org/store/detail.aspx?id=1470801-PDF>

Send comments (with optional copy to psa@ansi.org) to: Jennifer Moyer; jmoyer@aami.org

ASABE (American Society of Agricultural and Biological Engineers)

Reaffirmation

BSR/ASAE EP378.4 JUN2010 (R202x), Floor and Suspended Loads on Agricultural Structures Due to Use (reaffirmation of ANSI/ASAE EP378.4 JUN2010 (R2014))

This Engineering Practice presents probable floor and suspended loads due to building use and methods of applying the loads in building design. It also includes recommended design loads resulting from livestock, suspended caged poultry, vehicles, and manure stored on a floor. It does not include loads on manure storages, or wind and snow loads, or building design loads covered by ANSI/ASCE-7.

Single copy price: \$65.00 (non-members); \$44.00 (ASABE members)

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh, (269) 932-7027, walsh@asabe.org

Send comments (with optional copy to psa@ansi.org) to: Same

BSR/ASAE EP559.1 W/Corr. 1 AUG2010 (R202x), Design Requirements and Bending Properties for Mechanically Laminated Wood Assemblies (reaffirmation of ANSI/ASAE EP559.1 W/Corr. 1 AUG2010 (R2014))

The purpose of this Engineering Practice is to establish guidelines for designing and calculating allowable bending properties of mechanically laminated wood assemblies used as structural members. The provisions of this Engineering Practice do not apply to assemblies designed for biaxial bending. The design requirements in clause 4, and allowable bending properties in clauses 5 and 6, are only for uniaxial bending about axis Y-Y (Figure 1a). Spliced assemblies with butt joints shall have sufficient lateral support to prevent out-of-plane (lateral) movement or buckling, and/or delamination in the splice region.

Single copy price: \$65.00 (non-members); \$44.00 (ASABE members)

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh, (269) 932-7027, walsh@asabe.org

Send comments (with optional copy to psa@ansi.org) to: Same

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME NOG-1-201x, Rules for Construction of Overhead and Gantry Cranes (Top Running Bridge, Multiple Girder) (revision of ANSI/ASME NOG-1-2015)

This Standard covers electric overhead and gantry multiple girder cranes with top running bridge and trolley used at nuclear facilities and components of cranes at nuclear facilities.

Single copy price: Free

Obtain an electronic copy from: <http://cstools.asme.org/publicreview>

Order from: Terrell Henry, ASME; ansibox@asme.org

Send comments (with optional copy to psa@ansi.org) to: Jihoon Oh, (212) 591-8544, ohj@asme.org

ASSP (Safety) (American Society of Safety Professionals)

New National Adoption

BSR/ASSP/ISO 31010-201x, Risk Management - Risk Assessment Techniques (identical national adoption of ISO/IEC 31010:2019 and revision of ANSI/ASSE Z690.3-2011)

This International Standard provides guidance on the selection and application of techniques for assessing risk in a wide range of situations. The techniques are used to assist in making decisions where there is uncertainty, to provide information about particular risks and as part of a process for managing risk. The document provides summaries of a range of techniques, with references to other documents where the techniques are described in more detail.

Single copy price: \$110.00

Obtain an electronic copy from: LBauerschmidt@assp.org

Order from: Lauren Bauerschmidt; LBauerschmidt@assp.org

Send comments (with optional copy to psa@ansi.org) to: Same

AWS (American Welding Society)**Addenda**

BSR/AWS B2.4-201x-AMD1, Specification for Welding Procedure and Performance Qualification for Thermoplastics (addenda to ANSI/AWS B2.4-2012)

This specification provides the requirements for qualification of welding procedure specifications, welders, and welding operators for manual, semiautomatic, mechanized, and automatic welding. The welding processes included are electrofusion, hot gas, socket fusion, butt contact fusion, infrared, extrusion welding, flow fusion welding, and solvent cement welding. Base materials, filler materials, qualification variables, and testing requirements are also included.

Single copy price: \$72.00

Obtain an electronic copy from: steveh@aws.org

Order from: Stephen Hedrick, (305) 443-9353, steveh@aws.org

Send comments (with optional copy to psa@ansi.org) to: Same

AWS (American Welding Society)**Revision**

BSR/AASHTO/AWS D1.5M/D1.5-201x, Bridge Welding Code (revision of ANSI/AASHTO/AWS D1.5M/D1.5-2015, AMD 1)

This code covers the welding requirements for AASHTO welded highway bridges made from carbon and low-alloy constructional steels.

Single copy price: \$440.00 (Non-Members); \$330.00 (AWS Members)

Obtain an electronic copy from: pportela@aws.org

Order from: Peter Portela, (800) 443-9353, pportela@aws.org

Send comments (with optional copy to psa@ansi.org) to: Same

HL7 (Health Level Seven)**Reaffirmation**

BSR/HL7 SAIF CANON, R2-2014 (R202x), HL7 Service-Aware Interoperability Framework: Canonical Definition Specification, Release 2 (reaffirmation of ANSI/HL7 SAIF CANON, R2-2014)

The Service Aware Interoperability Framework (SAIF) provides consistency between all artifacts, enables a standardized approach to Enterprise Architecture development and implementation, and a way to measure the consistency. SAIF is the framework that is required to rationalize interoperability of standards. It is an architecture for achieving interoperability, but it is not a whole-solution design for Enterprise architecture management. This document describes a canonical form of Service Aware Interoperability Framework (SAIF) which can be adapted to an organization's implementation requirements through the production of a SAIF implementation guide.

Single copy price: Free to members and non-members

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org

Send comments (with optional copy to psa@ansi.org) to: Same

BSR/HL7 V3 LBRESULT, R1-2009 (R202x), HL7 Version 3 Standard: Laboratory Results, Release 1 (reaffirmation of ANSI/HL7 V3 LBRESULT, R1-2009 (R2014))

The Laboratory Result Topic comprises the models, messages, and other artifacts that are needed to support messaging related to laboratory results.

Single copy price: Free to members and non-members

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org

Send comments (with optional copy to psa@ansi.org) to: Same

NEMA (ASC C136) (National Electrical Manufacturers Association)

Revision

BSR C136.22-202x, For Roadway and Area Lighting Equipment - Internal Labeling of Luminaires (revision of ANSI C136.22-2004 (R2014))

This standard covers internal luminaire identification labels for all styles of luminaires used for roadway lighting.

Single copy price: \$46.00

Obtain an electronic copy from: David.Richmond@nema.org

Order from: David Richmond, (703) 841-3234, David.Richmond@nema.org

Send comments (with optional copy to psa@ansi.org) to: Same

NFPA (National Fire Protection Association)

NFPA FIRE PROTECTION STANDARDS DOCUMENTATION

The National Fire Protection Association announces the availability of the NFPA First Draft Reports for concurrent review and comment by NFPA and ANSI. The First Draft Reports contain the disposition of public inputs that were received for documents in the Fall 2020 Revision Cycle.

All comments on the following NFPA Documents in the Fall 2020 Revision cycle must be received by:

NFPA 11 DECEMBER 3, 2019

NFPA 16 DECEMBER 3, 2019 (will be incorporated into NFPA 11)

NFPA 450 DECEMBER 3, 2019.

The First Draft Report is located on the document's information page under the next edition tab. The document's specific URL, www.nfpa.org/doc#next (for example www.nfpa.org/101next), can easily access the document's information page.

For more information on the rules and for up-to-date information on schedules and deadlines for processing NFPA Documents, check the NFPA website (<http://www.nfpa.org>) or contact NFPA's Codes and Standards Administration. Those who sent comments to NFPA (Contact Codes and Standards Administration, NFPA, One Batterymarch Park, Quincy, MA 02269-7471) on the related standards are invited to copy ANSI's Board of Standards Review.

Revision

BSR/NFPA 11-201x, Standard for Low-, Medium-, and High-Expansion Foam (revision of ANSI/NFPA 11-2016)

This standard covers the design, installation, operation, testing, and maintenance of low-, medium-, and high-expansion and compressed air foam systems for fire protection. It is not the intent of this standard to specify where foam protection is required.

Obtain an electronic copy from: www.nfpa.org/11Next

Send comments (with optional copy to psa@ansi.org) to: Same

NFPA (National Fire Protection Association)

Revision

BSR/NFPA 16-201x, Standard for the Installation of Foam-Water Sprinkler and Foam-Water Spray Systems (revision of ANSI/NFPA 16-2019)

This standard contains minimum requirements for the design, installation, and maintenance of foam-water sprinkler and spray systems. These systems shall be designed with the required density for either foam or water application as the controlling factor, depending on the design purpose of the system. It is not the intent of this standard to specify where foam-water sprinkler and spray protection is required. The determination of where foam-water sprinkler and spray systems are required shall be made in accordance with such applicable building and fire codes or standards such as NFPA 30 or NFPA 409. This standard shall apply only to systems using low-expansion foam.

Obtain an electronic copy from: www.nfpa.org/11next

Send comments (with optional copy to psa@ansi.org) to: Same

BSR/NFPA 450-201x, Guide for Emergency Medical Services and Systems (revision of ANSI/NFPA 450-2017)

This document is designed to assist individuals, agencies, organizations, or systems as well as those interested or involved in emergency medical services (EMS) system design.

Obtain an electronic copy from: www.nfpa.org/450next

Send comments (with optional copy to psa@ansi.org) to: Same

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 109-201x, Test Procedure for Common Path Distortion (CPD) (revision of ANSI/SCTE 109-2016)

The purpose of this document is to establish the standard methodology used to measure CPD in both a lab and in a live cable network.

Single copy price: \$50.00

Obtain an electronic copy from: admin@standards.scte.org

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with optional copy to psa@ansi.org) to: admin@standards.scte.org

TIA (Telecommunications Industry Association)

Addenda

BSR/TIA 568.2-D-2-202x, Balanced Twisted-Pair Telecommunications Cabling and Components Standard - Addendum 2: Power Delivery Over Balanced Twisted-Pair Cabling (addenda to ANSI/TIA 568.2-D-2018)

This document will be an addendum to TIA 568.2-D. The proposed addendum will provide normative requirements for supporting the delivery of power over installations balanced copper cabling, intended to supplement the material in TIA TSB-184-A. Requirements to include options for specific prescriptive requirements, partially engineered solutions, and completely engineered solutions which allow widely varying techniques but adhere to strict end requirements.

Single copy price: \$76.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA; standards@tiaonline.org

Send comments (with optional copy to psa@ansi.org) to: Same

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 1784-2015 (R202x), Standard for Safety for Air Leakage Tests of Door Assemblies and Other Opening Protectives (reaffirmation of ANSI/UL 1784-2015)

UL proposes a reaffirmation for ANSI approval of UL 1784.

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/Home/ProposalsDefault.aspx>

Order from: <http://www.shopulstandards.com>

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

Comment Deadline: December 10, 2019

Reaffirmations and withdrawals available electronically may be accessed at: webstore.ansi.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B16.39-202X, Malleable Iron Threaded Pipe Unions (revision of ANSI/ASME B16.39-2014)

This Standard covers threaded malleable iron unions, Classes 150, 250, and 300. It also contains provisions for using steel for NPS 1/8 unions. This Standard includes: (a) design, (b) pressure-temperature ratings, (c) size, (d) marking, (e) materials, (f) joints and seats, (g) threads, (h) hydrostatic strength, (i) tensile strength, (j) air pressure test, (k) sampling, (l) coatings, and (m) dimensions. Mandatory Appendix I provides tables in U.S. Customary units.

Single copy price: Free

Obtain an electronic copy from: <http://cstools.asme.org/publicreview>

Order from: Terrell Henry, ASME; ansibox@asme.org

Send comments (with optional copy to psa@ansi.org) to: Ray Rahaman , rahamanr@asme.org

BSR/ASME B18.12-202x, Glossary of Terms for Mechanical Fasteners (revision of ANSI/ASME B18.12-2012)

This Standard is a summary of nomenclature and terminology currently used to define and/or describe mechanical fasteners, related characteristics, and the manufacturing processes that produce these products. Utilization of these terms by manufacturers and consumers is intended to reduce or eliminate confusion and serve as a sound basis for communication.

Single copy price: Free

Obtain an electronic copy from: <http://cstools.asme.org/publicreview>

Order from: Terrell Henry, ASME; ansibox@asme.org

Send comments (with optional copy to psa@ansi.org) to: Lawrence Chan, (212) 591-7052, chanl4@asme.org

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)

Office: 901 N. Glebe Road, Suite 300
Arlington, VA 22203

Contact: Lee Waggoner

Phone: (703) 647-2786

E-mail: lwaggoner@aami.org

BSR/AAMI/ISO 11135-2015 (R202x), Sterilization of health care products - Ethylene oxide - Requirements for development, validation and routine control of a sterilization process for medical devices (reaffirm a national adoption ANSI/AAMI/ISO 11135-2015)

BSR/AAMI/ISO 14708-1-2014 (R202x), Implants for surgery - Active implantable medical devices - Part 1: General requirements for safety, marking and for information to be provided by the manufacturer (reaffirmation of ANSI/AAMI/ISO 14708-1-2014)

ASME (American Society of Mechanical Engineers)

Office: Two Park Avenue
M/S 6-2B
New York, NY 10016-5990

Contact: Terrell Henry

Phone: (212) 591-8489

E-mail: ansibox@asme.org

BSR/ASME B16.39-202X, Malleable Iron Threaded Pipe Unions (revision of ANSI/ASME B16.39-2014)

BSR/ASME B18.12-202x, Glossary of Terms for Mechanical Fasteners (revision of ANSI/ASME B18.12-2012)

BSR/ASME NOG-1-201x, Rules for Construction of Overhead and Gantry Cranes (Top Running Bridge, Multiple Girder) (revision of ANSI/ASME NOG-1-2015)

BSR/ASME PM-202x, Performance Monitoring for Power Plants (new standard)

ASSP (Safety) (American Society of Safety Professionals)

Office: 520 N. Northwest Hwy
Park Ridge, IL 60068

Contact: Lauren Bauerschmidt

Phone: (847) 768-3475

E-mail: LBauerschmidt@assp.org

BSR/ASSP/ISO 31010-201x, Risk Management - Risk Assessment Techniques (identical national adoption of ISO/IEC 31010:2019 and revision of ANSI/ASSE Z690.3-2011)

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

Office: 700 K Street NW
Suite 600
Washington, DC 20001

Contact: Rachel Porter

Phone: (202) 737-8888

E-mail: comments@standards.incits.org

BSR/INCITS 570-202x, Information technology - Fibre Channel - Generic Services - 9 (FC-GS-9) (new standard)

NSF (NSF International)

Office: 789 N. Dixboro Road
Ann Arbor, MI 48105-9723

Contact: Jason Snider

Phone: (734) 418-6660

E-mail: jsnider@nsf.org

BSR/NSF 14-201x (i105r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2018)

BSR/NSF 49-201x (i136r1), Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2018)

BSR/NSF 49-201x (i138r1), Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2018)

PDA (Parenteral Drug Association)

Office: Bethesda Towers, 4350 East-West Highway
Bethesda, MD 20814
Contact: Christine Alston-Roberts
Phone: (301)-656-5900-
E-mail: roberts@pda.org

BSR/PDA Standard 06-201x,, Quality Culture Assessment Tool (new standard)

TIA (Telecommunications Industry Association)

Office: 1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Contact: Teesha Jenkins
Phone: (703) 907-7706
E-mail: standards@tiaonline.org

BSR/TIA 568.0-E-202x, Generic Telecommunications Cabling for Customer Premises (revision and redesignation of ANSI/TIA 568.0-D-2015)

BSR/TIA 568.1-E-202x, Commercial Building Telecommunications Cabling Standard (revision and redesignation of ANSI/TIA 568.1-D-2015)

BSR/TIA 568.2-D-2-202x, Balanced Twisted-Pair Telecommunications Cabling and Components Standard - Addendum 2: Power Delivery Over Balanced Twisted-Pair Cabling (addenda to ANSI/TIA 568.2-D-2018)

BSR/TIA 5071-201x, Requirements for Field Test Instruments and Measurements for Balanced Single Twisted-Pair Cabling (new standard)

UL (Underwriters Laboratories, Inc.)

Office: 171 Nepean Street
Suite 400
Ottawa, ON K2P 0B4 Canada
Contact: Kevin Wu
Phone: (613) 368-4437
E-mail: kevin.hf.wu@ul.org

BSR/UL 1784-2015 (R202x), Standard for Safety for Air Leakage Tests of Door Assemblies and Other Opening Protectives (reaffirmation of ANSI/UL 1784-2015)

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1 – Safety Requirements for Woodworking Machinery

Are you interested in contributing to the development and maintenance of valuable industry safety standards? The ASC O1 is currently looking for members in the following categories:

- General Interest
- Government
- Producer
- User

If you are interested in joining the ASC O1, contact WMMA Associate Director Jennifer Miller at jennifer@wmma.org.

Final Actions on American National Standards

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

ANS (American Nuclear Society)

Reaffirmation

ANSI/ANS 5.10-1998 (R2019), Airborne Release Fractions at Non-Reactor
Nuclear Facilities (reaffirmation of ANSI/ANS 5.10-1998 (R2012)):
10/3/2019

BHMA (Builders Hardware Manufacturers Association)

Revision

ANSI/BHMA A156.21-2019, Standard for Thresholds (revision of ANSI/BHMA
A156.21-2014): 10/3/2019

CSA (CSA America Standards Inc.)

New Standard

ANSI Z21.104-2019, Standard for manual and automatic gas selector devices
for use with gas-fired appliances (same as CSA 9.2) (new standard):
10/3/2019

UL (Underwriters Laboratories, Inc.)

Revision

ANSI/UL 122-2019, Photographic Equipment (revision of ANSI/UL 122-2007
(R2015)): 10/1/2019

ANSI/UL 497A-2019, Secondary Protectors for Communication Circuits
(revision of ANSI/UL 497A-2004 (R2017)): 10/1/2019

ANSI/UL 1863-2019, Standard for Communications-Circuit Accessories
(revision of ANSI/UL 1863-2012 (R2016)): 10/1/2019

Project Initiation Notification System (PINS)

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

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

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

AAFS (American Academy of Forensic Sciences)

Contact: Teresa Ambrosius, (719) 453-1036, tambrosius@aafs.org
410 North 21st Street, Colorado Springs, CO 80904

New Standard

BSR/ASB BPR 135-201x, Best Practice Recommendations for Anthropology Scene Detection and Processing (new standard)

Stakeholders: Forensic anthropologists; forensic archaeologists who provide scene detection, scene documentation, and human remains and evidence recovery services; medical examiners, coroners, medicolegal death investigators, the judicial system; law enforcement investigators; and the general public.

Project Need: This document provides forensic anthropology and forensic archaeology practitioners with guidelines for assisting medicolegal authorities with the discovery and recovery of human remains and associated evidence. These recommendations identify procedures and methods to be used by practitioners on scenes that are commensurate with accepted crime scene investigation practices.

This document provides recommendations to forensic anthropology and archaeology practitioners in proper scene detection, processing, handling of evidence, and maintenance of a chain of custody, commensurate with jurisdictional requirements. These recommendations use archaeological techniques and principles as a foundation for scientifically appropriate detection, processing, documentation, and collection of human remains and associated evidence at a scene.

BSR/ASB Std 132-201x, Standard for Ancestry Estimation in Forensic Anthropology (new standard)

Stakeholders: Forensic anthropologists, forensic anthropology practitioners, medical examiners, coroners, medicolegal investigators.

Project Need: Estimation of ancestry is an important component of the forensic anthropology examination. This document is intended to assist practitioners when estimating ancestry in human skeletal remains. Currently there are no standards for estimating ancestry in human skeletal remains. This document fills that gap. The expected outcome of adopting and using this document is methodological consistency among practitioners estimating ancestry in human skeletal remains. This document does not endorse races as valid, biologically discrete categories, although some degree of correlation among cranial form, geography, and social race is noted. This standard is not applicable to subadult skeletal remains when cranial and postcranial features are not fully developed.

This standard provides procedures for the estimation of ancestry from skeletal material. Specific methods and techniques are not included. This standard is not applicable to subadult skeletal remains, when cranial and postcranial features are not fully developed.

BSR/ASB Std 133-201x, Standard for Age Estimation in Forensic Anthropology (new standard)

Stakeholders: Forensic anthropologists, medical examiners, coroners, medicolegal investigators.

Project Need: Estimation of age is an important component of the forensic anthropology examination. This document is intended to assist practitioners when estimating age from human skeletal remains. Currently, there are no standards for estimating age from human skeletal remains. This document fills that gap.

Age is one of several biological parameters that can be estimated from skeletal material or radiographic images. This standard provides procedures for the estimation of age from skeletal material or radiographic images. This standard includes the estimation of age-at-death from skeletal remains and can also be applied to skeletal development from living individuals. Specific methods and techniques are not included in the standard.

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

Contact: Stacy Banker, (920) 579-1153, apcostandards@apcointl.org
351 N. Williamson Boulevard, Daytona Beach, FL 32114

Reaffirmation

BSR/APCO 1.116.2-2015 (R202x), Public Safety Communications Common Status Codes for Data Exchange (reaffirmation and redesignation of ANSI/APCO 1.116.1-2015)

Stakeholders: PSAPs/dispatch centers and public safety users, such as fire, medical, EMS, and law enforcement officials.

Project Need: The Common Status Codes for Data Exchange standard contains a comprehensive list of descriptive terms that can be used to track the activities of emergency responders. The list of terms commonly referred to as Status Codes, will encompass situations that involve police, fire, emergency medical services or a multi-discipline combination of resources. The standardized Status Codes allows disparate agencies share data by linking common status codes in emergency situations.

This document provides a list of Common Status Codes to be used when disparate authorized agencies share incident information. The standard does not require an agency to change any internal codes; it simply provides a list of common codes to which the agency can map their internal data.

ASME (American Society of Mechanical Engineers)

Contact: Terrell Henry, (212) 591-8489, ansibox@asme.org
Two Park Avenue, M/S 6-2B, New York, NY 10016-5990

New Standard

BSR/ASME A17.10/CSA B44.10-202x, Escalator Braking Systems (new standard)

Stakeholders: Manufacturers, owners, and users of escalators.

Project Need: To create North American harmonized requirements that promote safe design of escalator braking systems in order to reduce the risk of injury. To provide a uniform set of requirements for manufacturers to demonstrate conformity. To facilitate adoption of uniform requirements by Canadian and US jurisdictions.

This Standard provides requirements for the design, construction, materials, and testing of escalator braking systems. This Standard covers escalator driving-machine brakes as described in ASME A17.1/CSA B44, Safety Code for Elevators and Escalators.

BSR/ASME A17.9/CSA B44.9-202x, Elevator Buffers (new standard)

Stakeholders: Manufacturers, owners, and users of elevators and elevating (lift) devices.

Project Need: To create North American harmonized requirements that promote safe design of elevator buffers in order to reduce the risk of injury; To provide a uniform set of requirements for manufacturers throughout Canada and the US to demonstrate conformity; To facilitate adoption of uniform requirements by Canadian and US jurisdictions.

This Standard provides requirements for the design, construction, materials, and testing of elevator buffers. This Standard covers buffers designed to stop a descending car or counterweight from travel beyond its normal limit by absorbing and dissipating the kinetic energy of the car or counterweight, including oil buffer and elastomeric buffer. The buffers covered in the Standard are intended for installation in passenger and freight elevator in accordance with ASME A17.1/CSA B44, Safety Code for Elevators and Escalators.

BSR/ASME PM-202x, Performance Monitoring for Power Plants (new standard)

Stakeholders: Designers, producers/manufacturers, owners, operators, consultants, users, general interest, laboratories, regulatory/government, and distributors.

Project Need: This document is being developed in order to address performance monitoring and optimization techniques for different power generating facilities. The latest trends and initiatives in performance monitoring as well as practical case studies and examples will be incorporated.

This document will cover power generation facilities including steam generators, steam turbines, and steam turbine cycles (including balance of plant of nuclear facilities), gas turbines, and combined cycles. The guidelines include performance monitoring concepts, a description of various methods available, and means for evaluating particular applications.

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

Contact: Conrad Jahrling, (708) 995-3017, conrad.jahrling@asse-plumbing.org
18927 Hickory Creek Dr Suite 220, Mokena, IL 60448

New Standard

BSR/ASSE 1097-201x, Backflow Preventer and Automatic Boiler or Chiller Filling Device with Pressure Regulating Management (new standard)

Stakeholders: Backflow prevention, hydronic heating, manufacturers, authorities having jurisdiction, regulators.

Project Need: Existing standards assume a hydraulically operated valve to regulate pressure or discharge through an intermediate relief valve. This class of device achieves the same using solenoids and an electronic control system. The device is designed to be connected directly to a building's incoming potable water supply to fill from empty or refill a heating or chilled water system without the use of a pump. It accomplishes this by utilizing the pressure already generated by the incoming potable supply. The device contains integral system backflow protection as well as an electronic pressure regulator.

Direct-type boiler and chiller fill valve assemblies with integral backflow preventer and system pressure regulator (referred to in this standard as the "device") are used to control the inflow of water into heating and cooling systems to ensure sufficient system pressure. Devices protect the potable water supply against backflow due to backpressure and backsiphonage from contaminants.

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

Contact: Rachel Porter, (202) 737-8888, comments@standards.incits.org
700 K Street NW, Suite 600, Washington, DC 20001

New Standard

BSR INCITS 570-202x, Information technology - Fibre Channel - Generic Services - 9 (FC-GS-9) (new standard)

Stakeholders: ICT industry.

Project Need: The FC-GS-9 project will continue extending the Fabric services to address new developments in Fibre Channel.

This project proposal recommends the development of a set of additional and enhanced services that will be used to support the management and control of Fibre Channel configurations. Included within this scope are services such as: (a) management entities and functions associated with virtualization and new features; (b) management entities, and functions associated with FC-NVMe environments; (c) enhancements for higher bandwidth link constructs; and (d) other services or features identified during the development of this standard. Where they exist, the protocols, formats, and definitions contained in existing directory and management standards will be considered for use in FC-GS-9.

NFPA (National Fire Protection Association)

Contact: Dawn Michele Bellis, (617) 984-7246, dbellis@nfpa.org
One Batterymarch Park, Quincy, MA 02169

Revision

BSR/NFPA 475-201x, Recommended Practice for Organizing, Managing, and Sustaining a Hazardous Materials/Weapons of Mass Destruction Response Program (revision of ANSI/NFPA 475-2017)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumer, special experts, and research and testing.

Project Need: Public interest and need.

This recommended practice provides the minimum criteria for organizing, managing, and sustaining a hazardous material response program (HMRP) based on the authority having jurisdiction's (AHJ) function and assessed level of risk. A review of the laws, regulations, consensus standards, and guidance documents in addition to guidance for risk assessment, HMRP planning, resource management, staffing, training, health and medical issues, financial management, programs influences, and developing relationships are covered in this recommended practice.

BSR/NFPA 1000-201x, Standard for Fire Service Professional Qualifications Accreditation and Certification Systems (revision of ANSI/NFPA 1000-2017)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumer, special experts, and research and testing.

Project Need: Public interest and need.

This standard establishes the minimum criteria for the following: (1) Accrediting bodies; (2) Assessment and validation of the process used to certify fire service, public safety, and related personnel to professional qualifications standards; and (3) Nonengineering, fire-related, academic, degree-granting programs offered by institutions of higher education.

BSR/NFPA 1142-201x, Code for the Manufacture, Transportation, and Storage of Fireworks and Pyrotechnic Articles (revision of ANSI/NFPA 1142-2017)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumer, special experts, and research and testing.

Project Need: Public interest and need.

This code shall provide regulations for the construction, use, and maintenance of buildings and facilities for the following: (1) The manufacture and storage of fireworks, novelties, and pyrotechnic articles at manufacturing facilities; (2) The storage of display fireworks, pyrotechnic articles, salute powder, pyrotechnic and explosive compositions, and black powder at other than display sites; (3) The storage of consumer fireworks at display fireworks storage facilities; and (4) The transportation on public highways of fireworks, pyrotechnic articles, and components thereof containing pyrotechnic or explosive materials. This code shall not apply to the retail sales and related storage of consumer fireworks at the same site.

BSR/NFPA 1145-201x, Guide for the Use of Class A Foams in Fire Fighting (revision of ANSI/NFPA 1145-2017)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumer, special experts, and research and testing.

Project Need: Public interest and need.

This document presents information for agencies planning to use Class A foam for structural fire fighting and protection. It presents information on foam properties and characteristics, proportioning and discharge hardware, application techniques, and safety considerations. This document describes the use and application of Class A foams that meet the requirements of NFPA 1150, Standard on Foam Chemicals for Fires in Class A Fuels. This document does not apply to the use of Class A foam in sprinkler systems or on fires involving Class B flammable or combustible liquids. This document is not written for applications of Class A foam in the wildland fire environment. However, much of the material in this guide can be helpful to those who use Class A foam in wildland fire applications. See Annex B for publications that address use of Class A foam in wildland applications. This document is not intended to discourage the use of emerging technologies and practices, provided that the recommended level of safety is not lessened.

NIRMA (Nuclear Information and Records Management Association)

Contact: Sarah Perkins, (203) 345-7237, NIRMA@nirma.org
245 Sunnyridge Avenue #41, Fairfield, CT 06824

Revision

BSR/NIRMA CM 1.0-201x, Guidelines for Configuration Management of Nuclear Facilities (revision of ANSI/NIRMA CM 1.0-2007 (R2015))

Stakeholders: Nuclear utilities; Department of Energy Nuclear Facility operators; Nuclear Steam Supply System (NSSS) vendors; architect engineering (A/E) and construction firms; Nuclear industry interest groups; regulatory agencies; nuclear insurers; professional societies.

Project Need: Since the last revision in 2007, there have been lessons learned that will be incorporated into the next revision. Examples of how elements of a CM Program have been implemented in the nuclear industry will be included. This ANSI/NIRMA Standard is recognized globally; however, some terms are specific to nuclear facility operators in the US. This revision will include enhancements to clarify the meaning and intent of terms so they can be properly interpreted by members of the international Nuclear industry.

This standard provides guidance for development and implementation of Configuration Management (CM) Programs at nuclear facilities. It identifies the core elements and framework for a CM Program and allows nuclear facilities to establish effective CM Programs based on their individual organization's situation and needs. It also includes the 3-Ball Model that is recognized by the nuclear industry as a core objective for CM Programs.

PDA (Parenteral Drug Association)

Contact: Christine Alston-Roberts, (301)-656-5900-, roberts@pda.org
Bethesda Towers, 4350 East-West Highway, Bethesda, MD 20814

New Standard

BSR/PDA Standard 06-201x, Quality Culture Assessment Tool (new standard)

Stakeholders: Quality assurance, quality control, quality engineering, operations, production, manufacturing, general interest, regulatory interest members.

Project Need: Provide a data-driven assessment approach to allow companies to effectively measure quality culture and its importance in providing high-quality medicinal products to patients.

A comprehensive Quality Culture Assessment Tool and Training, designed to guide companies to a better understanding of quality culture, how to assess it, and what actions to take to improve it. The tool helps a company effectively collect verifiable data that will help them to assess their culture at all levels of their organization. The tool allows the company to facilitate positive culture changes and continuous improvement within their organization.

SCTE (Society of Cable Telecommunications Engineers)

Contact: Kim Cooney, (800) 542-5040, kcooney@scte.org
140 Philips Rd, Exton, PA 19341

Revision

BSR/SCTE 35-201x, Digital Program Insertion Cueing Message for Cable (revision of ANSI/SCTE 35-2019)

Stakeholders: Cable telecommunications industry.

Project Need: Update current technology.

This standard supports delivery of events, frame accurate or non-frame accurate, and associated descriptive data in MPEG-2 transport streams, MPEG-DASH and HLS. This standard supports the splicing of content (MPEG-2 transport streams, MPEG-DASH, etc.) for the purpose of Digital Program Insertion, which includes advertisement insertion and insertion of other content types. This standard defines an in-stream messaging mechanism to signal splicing and insertion opportunities.

BSR/SCTE 104-201x, Automation System to Compression System Communications Applications Program Interface (API) (revision of ANSI/SCTE 104-2019)

Stakeholders: Cable telecommunications industry.

Project Need: Update current technology.

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.

TIA (Telecommunications Industry Association)

Contact: Teesha Jenkins, (703) 907-7706, standards@tiaonline.org
1320 North Courthouse Road, Suite 200, Arlington, VA 22201

New Standard

BSR/TIA 5071-201x, Requirements for Field Test Instruments and Measurements for Balanced Single Twisted-Pair Cabling (new standard)

Stakeholders: Designers; installers; integrators; operators of single-pair ethernet networks; users; test equipment manufacturers.

Project Need: Create new standard.

This Standard specifies the reporting and accuracy performance requirements of field testers for balanced single twisted-pair cabling measurements specified in ANSI/TIA 568.5 and the appropriate 42.9 document. This Standard contains methods to compare the field instrument measurements against laboratory equipment measurements specified in ANSI/TIA 568.5. Measurement accuracy based upon the assumptions for key performance parameters is addressed.

American National Standards Maintained 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-AGRSS (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, Inc.)**

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 "Standards Activities," click on "Public Review and Comment" and "American National Standards Maintained Under Continuous Maintenance." This information is also available directly at www.ansi.org/publicreview

Alternatively, you may contact the Procedures & Standards Administration department (PSA) at psa@ansi.org or via fax at 212-840-2298. If you request that information be provided via E-mail, please include your E-mail address; if you request that information be provided via fax, please include your fax number. Thank you.

ANSI-Accredited Standards Developers Contact Information

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

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AAMI

Association for the Advancement of Medical Instrumentation
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Arlington, VA 22203
Phone: (703) 647-2786
Web: www.aami.org

ANS

American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526
Phone: (708) 579-8268
Web: www.ans.org

APCO

Association of Public-Safety Communications Officials-International
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Phone: (920) 579-1153
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ASABE

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ASME

American Society of Mechanical Engineers
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Web: www.asme.org

ASSP (Safety)

American Society of Safety Professionals
520 N. Northwest Hwy
Park Ridge, IL 60068
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Web: www.assp.org

AWS

American Welding Society
8669 NW 36 Street, #130
Miami, FL 33166
Phone: (305) 443-9353
Web: www.aws.org

BHMA

Builders Hardware Manufacturers Association
355 Lexington Avenue, 15th Floor
New York, NY 10017-6603
Phone: (513) 600-2871
Web: www.buildershardware.com

CSA

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

HL7

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IAPMO (ASSE Chapter)

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ITI (INCITS)

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NEMA (ASC C136)

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NFPA

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SAIA (ASC A92)

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SCTE

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Web: www.scte.org

TIA

Telecommunications Industry Association
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UL

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Web: www.ul.com



IEC Draft International Standards

This section lists proposed standards that the International Electrotechnical Commission (IEC) is considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to 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 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

IEC Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an 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.

-
- 3D/333/DC, IEC Common Data Dictionary (IEC CDD): C00085, /2019/11/2
- 45B/945/FDIS, IEC 62387 ED2: Radiation protection instrumentation - Dosimetry systems with integrating passive detectors for individual, workplace and environmental monitoring of photon and beta radiation, /2019/11/1
- 45B/946/FDIS, IEC 63121 ED1: Radiation protection instrumentation - Vehicle-mounted mobile systems for the detection of illicit trafficking of radioactive materials, /2019/11/1
- 62A/1349/CDV, IEC 62304 Ed. 2: Health software - Software life cycle processes, /2019/12/2
- 62D/1719/FDIS, IEC 60601-2-31 ED3: Medical electrical equipment - Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source, /2019/11/1
- 62D/1720/CDV, ISO 80601-2-70 ED2: Medical Electrical Equipment - Part 2-70: Particular requirements for basic safety and essential performance of sleep apnoea breathing therapy equipment, /2019/12/2
- 77A/1055/DTR, IEC TR 61000-4-40 ED1: Electromagnetic compatibility (EMC) - Part 4-40: Testing and measurement techniques - Digital methods for the measurement of power quantities of modulated or distorted signals, /2019/11/2
- 121B/93/NP, PNW TS 121B-93: General technical requirements for intelligent assemblies, /2019/12/2
- 2/1970/CD, IEC 60034-18-1 ED3: Rotating electrical machines - Part 18-1: Functional evaluation of insulation systems - General guidelines, /2019/11/2
- 36/464/CDV, IEC 60120 ED4: Dimensions of ball and socket couplings of string insulator units, /2019/12/2
- 36/465/CDV, IEC 60372 ED4: Locking devices for ball and socket couplings of string insulator units - Dimensions and tests, /2019/12/2
- 36/466/CDV, IEC 60471 ED3: Dimensions of clevis and tongue couplings of string insulator units, /2019/12/2
- 46/736/CDV, IEC 62153-4-10/AMD1 ED2: Metallic communication cable test methods - Part 4-10: Electromagnetic compatibility (EMC) - Transfer impedance and screening attenuation of feed-throughs and electromagnetic gaskets - Double coaxial test method - Amd1 Annex D Measurement of the transfer impedance of conductive gaskets with controlled contact pressure, /2019/12/2
- 65/771/DTR, IEC TR 63164-2 ED1: Reliability of Industrial Automation Devices and Systems - Part 2: System reliability, /2019/11/2
- 66/699/CDV, IEC 61010-2-040 ED3: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2 -040: Particular requirements for sterilizers and washer-disinfectors used to treat medical materials, /2019/12/2
- 105/763/FDIS, IEC 62282-8-102 ED1: Fuel cell technologies - Part 8 -102: Energy storage systems using fuel cell modules in reverse mode - Test procedures for the performance of single cells and stacks with proton exchange membrane, including reversing operation, /2019/11/1
- 105/764/FDIS, IEC 62282-8-201 ED1: Fuel cell technologies - Part 8 -201: Energy storage systems using fuel cell modules in reverse mode - Test procedures for the performance of power-to-power systems, /2019/11/1
- 114/330/DTS, IEC TS 62600-1 ED2: Marine energy - Wave, tidal and other water current converters - Part 1: Terminology, /2019/12/2
- 115/223/NP, PNW TS 115-223: HVDC Grid Systems and connected Converter Stations - Functional Specifications,
- 115/224/NP, PNW TS 115-224: HVDC Grid Systems and connected Converter Stations - Functional Specifications,
- 47/2596/NP, PNW 47-2596: Future IEC 62951-8: Semiconductor devices - Flexible and stretchable semiconductor devices - Part 8: Test method for stretchability, flexibility, and stability of flexible resistive memory, /2019/12/2
- 51/1314/NP, PNW 51-1314: Magnetic powder cores - Guidelines on dimensions and the limits of surface irregularities - Part 3: E-cores, /2019/12/2
- 51/1315/NP, PNW 51-1315: Magnetic powder cores - Guidelines on dimensions and the limits of surface irregularities - Part 4: Block-cores, /2019/12/2
- 51/1316/NP, PNW 51-1316: Magnetic powder cores - Guidelines on dimensions and the limits of surface irregularities - Part 5: Cylinder-cores, /2019/12/2
- 56/1859/CD, IEC 61124 ED4: Reliability testing - Compliance tests for constant failure rate and constant failure intensity, /2019/12/2
- 61/5938/FDIS, IEC 60335-2-62 ED4: Household and similar electrical appliances - Safety - Part 2-62: Particular requirements for commercial electric rinsing sinks, /2019/11/1
- 64/2397/CD, IEC 60364-7-712 ED3: Low voltage electrical installations - Part 7-712: Requirements for special installations or locations - Solar photovoltaic (PV) power supply systems, /2019/12/2

CABPUB/179/DTS, ISO/IEC DTS 17021-12 Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 12: Competence requirements for auditing and certification of collaborative business relationship management systems, /2019/11/2

CIS/A/1305/FDIS, CISPR 16-1-3/AMD2 ED2: Amendment 2: Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-3: Radio disturbance and immunity measuring apparatus - Ancillary equipment - Disturbance power, /2019/11/1



Newly Published ISO & IEC Standards

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

ISO Standards

ADDITIVE MANUFACTURING (TC 261)

[ISO/ASTM 52911-2:2019](#), Additive manufacturing - Design - Part 2: Laser-based powder bed fusion of polymers, \$138.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO 3631:2019](#), Citrus fruits - Guidelines for storage, \$103.00

[ISO 16820:2019](#), Sensory analysis - Methodology - Sequential analysis, \$68.00

[ISO 21803:2019](#), Dried dill - Specification, \$45.00

AIR QUALITY (TC 146)

[ISO 13794:2019](#), Ambient air - Determination of asbestos fibres - Indirect-transfer transmission electron microscopy method, \$209.00

BANKING AND RELATED FINANCIAL SERVICES (TC 68)

[ISO 10962:2019](#), Securities and related financial instruments - Classification of financial instruments (CFI) code, \$209.00

COLLABORATIVE BUSINESS RELATIONSHIP MANAGEMENT -- FRAMEWORK (TC 286)

[ISO 44002:2019](#), Collaborative business relationship management systems - Guidelines on the implementation of ISO 44001, \$209.00

CYCLES (TC 149)

[ISO 8090:2019](#), Cycles - Terminology, \$45.00

ERGONOMICS (TC 159)

[ISO 24509:2019](#), Ergonomics - Accessible design - A method for estimating minimum legible font size for people at any age, \$185.00

FLUID POWER SYSTEMS (TC 131)

[ISO 4411:2019](#), Hydraulic fluid power - Valves - Determination of differential pressure/flow rate characteristics, \$68.00

HYDROGEN ENERGY TECHNOLOGIES (TC 197)

[ISO 22734:2019](#), Hydrogen generators using water electrolysis - Industrial, commercial, and residential applications, \$185.00

MATERIALS FOR THE PRODUCTION OF PRIMARY ALUMINIUM (TC 226)

[ISO 5940-1:2019](#), Carbonaceous materials for the production of aluminium - Pitch for electrodes - Part 1: Determination of softening point by the ring-and-ball method, \$68.00

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

[ISO 3183:2019](#), Petroleum and natural gas industries - Steel pipe for pipeline transportation systems, \$138.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

[ISO 6070:2019](#), Auxiliary tables for vibration generators - Methods of describing equipment characteristics, \$103.00

MEDICAL DEVICES FOR INJECTIONS (TC 84)

[ISO 10555-6/Amd1:2019](#), Intravascular catheters - Sterile and single-use catheters - Part 6: Subcutaneous implanted ports - Amendment 1, \$19.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

[ISO 18640-1/Amd1:2019](#), Protective clothing for firefighters - Physiological impact - Part 1: Measurement of coupled heat and moisture transfer with the sweating torso - Amendment 1, \$19.00

[ISO 18640-2/Amd1:2019](#), Protective clothing for firefighters - Physiological impact - Part 2: Determination of physiological heat load caused by protective clothing worn by firefighters - Amendment 1, \$19.00

[ISO 374-2:2019](#), Protective gloves against dangerous chemicals and micro-organisms - Part 2: Determination of resistance to penetration, \$68.00

[ISO 374-4:2019](#), Protective gloves against dangerous chemicals and micro-organisms - Part 4: Determination of resistance to degradation by chemicals, \$68.00

[ISO 13287:2019](#), Personal protective equipment - Footwear - Test method for slip resistance, \$138.00

[ISO 17492:2019](#), Clothing for protection against heat and flame - Determination of heat transmission on exposure to both flame and radiant heat, \$138.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

[ISO 6521-3:2019](#), Lubricants, industrial oils and related products (Class L) - Family D (compressors) - Part 3: Specifications of categories DRA, DRB, DRC, DRD, DRE, DRF and DRG (lubricants for refrigerating compressors), \$103.00

ROAD VEHICLES (TC 22)

[ISO 17987-8:2019](#), Road vehicles - Local Interconnect Network (LIN) - Part 8: Electrical physical layer (EPL) specification: LIN over DC powerline (DC-LIN), \$209.00

ROLLING BEARINGS (TC 4)

[ISO 9628:2019](#), Rolling bearings - Insert bearings and eccentric locking collars - Geometrical product specifications (GPS) and tolerance values, \$162.00

SERVICE ACTIVITIES RELATING TO DRINKING WATER SUPPLY SYSTEMS AND WASTEWATER SYSTEMS - QUALITY CRITERIA OF THE SERVICE AND PERFORMANCE INDICATORS (TC 224)

[ISO 24536:2019](#), Service activities relating to drinking water supply, wastewater and stormwater systems - Stormwater management - Guidelines for stormwater management in urban areas, \$209.00

SMALL TOOLS (TC 29)

[ISO 1711-2:2019](#), Assembly tools for screws and nuts - Technical specifications - Part 2: Machine-operated sockets (impact), \$45.00

SOLID MINERAL FUELS (TC 27)

[ISO 1018:2019](#), Hard coal - Determination of moisture-holding capacity, \$45.00

[ISO 18806:2019](#), Solid mineral fuels - Determination of chlorine content, \$103.00

SPORTS AND RECREATIONAL EQUIPMENT (TC 83)

[ISO 8061:2019](#), Alpine ski-bindings - Selection of release torques values, \$45.00

STEEL (TC 17)

[ISO 6935-2:2019](#), Steel for the reinforcement of concrete - Part 2: Ribbed bars, \$138.00

TEXTILES (TC 38)

[ISO 105-A03:2019](#), Textiles - Tests for colour fastness - Part A03: Grey scale for assessing staining, \$45.00

[ISO 1833-13:2019](#), Textiles - Quantitative chemical analysis - Part 13: Mixtures of certain chlorofibres with certain other fibres (method using carbon disulfide/acetone), \$45.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

[ISO 22947:2019](#), Cigarettes - Determination of carbon monoxide in the vapour phase of cigarette smoke with an intense smoking regime - NDIR method, \$68.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

[ISO 24347:2019](#), Agricultural vehicles - Mechanical connections between towed and towing vehicles - Dimensions of ball coupling device (80 mm), \$103.00

TYRES, RIMS AND VALVES (TC 31)

[ISO 18885-3:2019](#), TPMS snap-in valves - Part 3: Performances, \$68.00

WELDING AND ALLIED PROCESSES (TC 44)

[ISO 15607:2019](#), Specification and qualification of welding procedures for metallic materials - General rules, \$68.00

ISO Technical Reports**BLOCKCHAIN AND DISTRIBUTED LEDGER TECHNOLOGIES (TC 307)**

[ISO/TR 23455:2019](#), Blockchain and distributed ledger technologies - Overview of and interactions between smart contracts in blockchain and distributed ledger technology systems, \$185.00

PLASTICS (TC 61)

[ISO/TR 19032:2019](#), Plastics - Use of polyethylene reference specimens (PERS) for monitoring laboratory and outdoor weathering conditions, \$103.00

ISO Technical Specifications**AGRICULTURAL FOOD PRODUCTS (TC 34)**

[ISO/TS 22002-5:2019](#), Prerequisite programmes on food safety - Part 5: Transport and storage, \$103.00

HEALTH INFORMATICS (TC 215)

[ISO/TS 22077-4:2019](#), Health informatics - Medical waveform format - Part 4: Stress test electrocardiography, \$162.00

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

[ISO/TS 22499:2019](#), Thermoplastic pipes for the conveyance of fluids - Inspection of polyethylene butt fusion joints using phased array ultrasonic testing, \$138.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO/TS 19468:2019](#), Intelligent transport systems - Data interfaces between centres for transport information and control systems - Platform independent model specifications for data exchange protocols for transport information and control systems, \$232.00

[ISO/TS 21185:2019](#), Intelligent transport systems - Communication profiles for secure connections between trusted devices, \$138.00

[ISO/TS 21192:2019](#), Electronic fee collection - Support for traffic management, \$162.00

[ISO/TS 21193:2019](#), Electronic fee collection - Requirements for EFC application interfaces on common media, \$185.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 20543:2019](#), Information technology - Security techniques - Test and analysis methods for random bit generators within ISO/IEC 19790 and ISO/IEC 15408, \$185.00

[ISO/IEC 22243:2019](#), Information technology - Radio frequency identification for item management - Methods for localization of RFID tags, \$103.00

[ISO/IEC 22602:2019](#), Information technology - Learning, education and training - Competency models expressed in MLR, \$185.00

[ISO/IEC 30111:2019](#), Information technology - Security techniques - Vulnerability handling processes, \$103.00

[ISO/IEC 10373-7:2019](#), Cards and security devices for personal identification - Test methods - Part 7: Contactless vicinity objects, \$209.00

IEC Standards**ENVIRONMENTAL CONDITIONS, CLASSIFICATION AND METHODS OF TEST (TC 104)**

[IEC 60068-2-64 Amd.1 Ed. 2.0 b:2019](#), Amendment 1 - Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance, \$47.00

[IEC 60068-2-64 Ed. 2.1 b:2019](#), Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance, \$352.00

[IEC 60068-2-64 Amd.1 Ed. 2.0 b:2019](#), Amendment 1 - Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance, \$47.00

[IEC 60068-2-64 Ed. 2.1 b:2019](#), Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance, \$352.00

FIBRE OPTICS (TC 86)

[IEC 60794-1-23 Ed. 2.0 b:2019](#), Optical fibre cables - Part 1-23: Generic specification - Basic optical cable test procedures - Cable element test methods, \$235.00

[IEC 60794-1-23 Ed. 2.0 b:2019](#), Optical fibre cables - Part 1-23: Generic specification - Basic optical cable test procedures - Cable element test methods, \$235.00

[S+ IEC 60794-1-23 Ed. 2.0 en:2019 \(Redline version\)](#), Optical fibre cables - Part 1-23: Generic specification - Basic optical cable test procedures - Cable element test methods, \$305.00

[S+ IEC 60794-1-23 Ed. 2.0 en:2019 \(Redline version\)](#), Optical fibre cables - Part 1-23: Generic specification - Basic optical cable test procedures - Cable element test methods, \$305.00

FLAT PANEL DISPLAY DEVICES (TC 110)

[IEC 62341-5-3 Ed. 2.0 en:2019](#), Organic light emitting diode (OLED) displays - Part 5-3: Measuring methods of image sticking and lifetime, \$199.00

[IEC 62341-5-3 Ed. 2.0 en:2019](#), Organic light emitting diode (OLED) displays - Part 5-3: Measuring methods of image sticking and lifetime, \$199.00

[S+ IEC 62341-5-3 Ed. 2.0 en:2019 \(Redline version\)](#), Organic light emitting diode (OLED) displays - Part 5-3: Measuring methods of image sticking and lifetime, \$259.00

[S+ IEC 62341-5-3 Ed. 2.0 en:2019 \(Redline version\)](#), Organic light emitting diode (OLED) displays - Part 5-3: Measuring methods of image sticking and lifetime, \$259.00

LIGHTNING PROTECTION (TC 81)

[IEC 62858 Ed. 2.0 b:2019](#), Lightning density based on lightning location systems (LLS) - General principles, \$82.00

[IEC 62858 Ed. 2.0 b:2019](#), Lightning density based on lightning location systems (LLS) - General principles, \$82.00

[S+ IEC 62858 Ed. 2.0 en:2019 \(Redline version\)](#), Lightning density based on lightning location systems (LLS) - General principles, \$107.00

[S+ IEC 62858 Ed. 2.0 en:2019 \(Redline version\)](#), Lightning density based on lightning location systems (LLS) - General principles, \$107.00

NUCLEAR INSTRUMENTATION (TC 45)

[IEC 62859 Amd.1 Ed. 1.0 b:2019](#), Amendment 1 - Nuclear power plants - Instrumentation and control systems - Requirements for coordinating safety and cybersecurity, \$12.00

[IEC 62859 Ed. 1.1 b:2019](#), Nuclear power plants - Instrumentation and control systems - Requirements for coordinating safety and cybersecurity, \$235.00

[IEC 62859 Amd.1 Ed. 1.0 b:2019](#), Amendment 1 - Nuclear power plants - Instrumentation and control systems - Requirements for coordinating safety and cybersecurity, \$12.00

[IEC 62859 Ed. 1.1 b:2019](#), Nuclear power plants - Instrumentation and control systems - Requirements for coordinating safety and cybersecurity, \$235.00

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; Fax: (301) 926-1559; E-mail: usatbtep@nist.gov or notifyus@nist.gov.

Information Concerning

American National Standards

Call for Members

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

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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 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 a materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at www.scte.org or by e-mail from standards@scte.org.

ANSI Accredited Standards Developers

Approval of Reaccreditation

Hydraulic Institute (HI)

ANSI's Executive Standards Council has approved the reaccreditation of the Hydraulic Institute (HI), an ANSI Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on HI-sponsored American National Standards, effective October 8, 2019. For additional information, please contact: Mr. Edgar Suarez, Manager, Technical Programs, Hydraulic Institute, 6 Campus Drive, Suite 104, Parsippany, NJ 07054; phone: 973.267.9700, ext. 1221; e-mail: esuarez@pumps.org.

Reaccreditation

Consumer Technology Association (CTA)

Comment Deadline: November 11, 2019

The Consumer Technology Association (CTA), an ANSI member and Accredited Standards Developer (ASD), has submitted revisions to its currently accredited operating procedures for documenting consensus on CTA-sponsored American National Standards, under which it was last reaccredited in 2018. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Ms. Veronica Lancaster, Senior Director, Standards Programs, Consumer Technology Association, 1919 South Eads Street, Arlington, VA 22202; phone: 703.907.7697; e-mail: vlancaster@cta.tech. You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to CTA by November 11, 2019, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: jthompso@ANSI.org).

Scope of ASD Accreditation

DirectTrust

DirectTrust, an ANSI Accredited Standards Developer (ASD) and organizational member, has updated its informational scope of standards activity on file with ANSI. DirectTrust's original scope on file was:

DirectTrust Standards develops standards and specifications that enable and promote healthcare interoperability and efficiency using Direct exchange and trust frameworks

The new scope statement is as follows:

DirectTrust Standards develops standards and specifications that enable and promote healthcare interoperability and efficiency using Direct exchange and/or trust frameworks

Any comments or questions related to the revised scope may be submitted to: Ms. Natasha Kreisle, Project Lead, DirectTrust Standards, P.O. Box 2885, Blairsville, GA 30514; phone: 404.452.4962; e-mail: standards@directtrust.org.

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 202/SC 1 – Microbeam Analysis Terminology

Comment Deadline: October 11, 2019

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 202/SC 1 – Terminology. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 202/SC 1 to ASTM International. ASTM International has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 202/SC 1 operates under the following scope:

Development of Terminology standards within the scope of ISO/TC 202 – Microbeam analysis:

Standardization in the field of microbeam analysis (measurement, parameters, methods and reference materials) which uses electrons as an incident beam and electrons and photons as the detection signal.

Note: The purpose is to analyze the compositional and structural characteristics of solid materials. The volume of analysis will generally involve a depth up to 10 micrometers and a surface area less than 100 square micrometers.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 202. 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 202 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by October 11, 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).

Establishment of a New ISO Project Committee

ISO/PC 25 – Sex toys – Design and safety for products in direct contact with genitalia, the anus, or both

A new ISO Project Committee, ISO/PC 325 – Sex toys – Design and safety requirements for products in direct contact with genitalia, the anus, or both, has been formed. The Secretariat has been assigned to Sweden (SIS).

ISO/PC 325 operates under the following scope:

This document specifies safety and user information requirements relating to the materials and design for products intended for sexual use. This document covers only products that are intended to come in direct contact with genitals and/or the anus. This document is not primarily intended for products classified as medical devices or assistive products.

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

Establishment of a New ISO Technical Committee

ISO/TC 287 – Sustainable processes for wood and wood-based products

A new ISO Technical Committee, ISO/TC 287 – Sustainable processes for wood and wood-based products, has been formed. The Secretariat has been assigned to Germany (DIN).

ISO/TC 287 operates under the following scope:

Standardization in the field of the wood and wood-based industries, including but not limited to sustainability and renewability aspects, chain of custody, timber tracking and timber measurement, across the entire supply chain from biomass production to the finished wood and wood-based products.

Excluded: those applications covered by ISO/TC6 "Paper, board and pulps"; ISO/TC89 "Wood-based panels"; ISO/TC 165 "Timber structures"; ISO/TC 218 "Timber"; and ISO/TC 207 "Environmental management".

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

ISO Proposal for a New Field of ISO Technical Activity

Surfaces with Biocidal and Antimicrobial Properties

Comment Deadline: November 15, 2019

AFNOR, the ISO member body for France, has submitted to ISO a proposal for a new field of ISO technical activity on surfaces with biocidal and antimicrobial properties, with the following scope statement:

Standardization of test methods used to assess the biocidal performance and efficacy of any surfaces with antimicrobial activities, including their compatibility with different families of disinfectants and cleaning agents. Such methods aim at evaluating the biocidal activity (i.e. that which irreversibly inactivates microorganism) and at differentiating it from the biostatic activity (i.e. the inhibition of the growth of microorganisms).

The field of covers the assessment of surfaces displaying intrinsic biocidal properties and of surfaces processed by any means so as to deliver biocidal properties.

Areas of interest include medical and veterinary applications, aerospace, agriculture, food hygiene and other industrial fields, institutional and domestic applications.

Excluded: Toxicological and ecotoxicological surface testing methods, antimicrobial activities of textile products.

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, November 15, 2019.

U.S. Proposal for a New Field of ISO Technical Activity

Incentives, Rewards and Recognition

Comment Deadline: November 15, 2019

ANSI has received a request from the Incentive Federation Inc. to submit to ISO a proposal for a new field of ISO technical activity on Incentives, Rewards and Recognition, with the following scope statement:

Standardization in the field of incentives, rewards, and recognition will include classification, terminology and nomenclature, management practices and metrics that comprise the development, delivery, assessment and control of third-party acknowledgement and motivation solutions. Covered subjects would include products and services from third party companies that develop incentives, rewards, and recognition program development, program management, training, measurement and analytics, supply chain management, financial management and other related functions where organizational management applies defined methods to acknowledge or motivate employee performance and productivity or to increase customer acquisition, satisfaction, retention and loyalty. Incentives, reward, and recognition systems for performance improvements in sales, safety, engagement, retention and other business functional environments are also within scope. Intrinsic incentives, rewards, and recognition, non-material and those unique to the organizational or national cultures are also in scope (i.e. verbal appreciation, physical acknowledgement between parties, gifts of local cultural significance, corporate gifting, rewards points, traditional achievement and service awards, certificates and trophies.) Out of scope are the normal compensation and benefits programs that organizations provide to remunerate employees for expected performance from client organizations, e.g. cash compensation, health benefits, etc.

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, November 15, 2019.

Updates to ANSI Executive Standards Council (ExSC), ANSI Board of Standards Review (BSR) and ANSI Appeals Board Operating Procedures to Reflect 2020 ANSI By-Laws

Question/Comment Deadline: November 11, 2019

For your information, updates to the ANSI ExSC, ANSI BSR and ANSI Appeals Board Operating Procedures that reflect ANSI's 2020 By-Laws are shown in the three documents listed below and linked to this edition of Standards Action. Please note that other procedural revisions processed during 2019 are not incorporated as they are pending final approval. If approved, they will be incorporated into these linked documents and published in January 2020. Please send any questions or comments to psa@ansi.org by **November 11, 2019**. Thank you.

- [ANSI Executive Standards Council \(ExSC\)](#)
- [ANSI Board of Standards Review \(BSR\)](#)
- [ANSI Appeals Board](#)



American National Standards (ANS) – Where to find Procedures, Guidance, Interpretations and More...

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 link is www.ansi.org/asd and here are some direct links as well as highlights of information that is available:

- *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: www.ansi.org/PSAWebForms
- Information about standards Incorporated by Reference (IBR): www.ansi.org/ibr
- ANSI - Education and Training: www.standardslearn.org

If you have a question about the ANS process and cannot find the answer quickly, please send an email to 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/>

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[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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9 Quality assurance

9.1 General

A quality control program shall be operated and maintained to ensure that products conform to the applicable requirements of this Standard on a continuous basis.

- the manufacturer shall provide and maintain quality control testing facilities at each production facility;
- quality control testing shall be conducted at ambient temperature and humidity or standard laboratory conditions of 23 ± 2 °C (73 ± 3.6 °F) and 45 to 55% relative humidity;
- the tests and testing frequencies shall conform to the minimum requirements listed in Section ~~9.9~~ **9.10**. Where quality control requirements are specified in the product standards, the tests and test frequencies specified in the product standards shall be conducted in addition to the requirements listed in Section ~~9.9~~ **9.10**. If the test frequencies specified in the product standard conflict with the frequencies contained in Section ~~9.9~~ **9.10**, then the more frequent requirement shall be followed; and
- SE products shall be tested in accordance with the quality control program specified in the SE Specifications.

Variations from these minimum requirements shall be permitted if an alternate program is established in writing and determined to be equivalent.

9.2 Start-up and qualification

In each case, with the exception of annual and semi-annual tests, the frequency of testing indicated in Section ~~9.9~~ **9.10** shall be interpreted as follows: The indicated tests shall be performed at the start-up of any production operation, on each extruder or injection molder. The test shall be repeated at the required frequency shown in ~~9.9~~ **9.10**.

Mold qualification as discussed in this Section shall be defined as molds that produce precise functional finish dimensions not otherwise obtained by an additional manufacturing process. The test frequency indicated for fittings shall be used only after the mold has been qualified. In order for a new or retooled mold to be considered “qualified,” all products from all cavities in the mold shall attain compliance with all of the appropriate dimensions and tests. This shall not include annual or semi-annual tests. After qualification, the

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indicated test frequencies shall apply to one cavity per mold, rotating cavities within the mold, including start-ups. If any physical change is made to the mold itself, all cavities within the mold shall be re-qualified.

When annual testing is required, annual testing performed by a third-party certifier shall satisfy the requirement.

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9.7 Number of test specimens

Unless otherwise specified by an applicable Standard as referenced in Section 2 of this Standard, the minimum number of test specimens for a sample of one size, style, configuration, and material shall be as indicated in Table 9.23.

9.8 Formulation verification for solvent cements and primers

Formulation verification complying with the following conditions is permitted as a substitute for annual and one semiannual performance testing and health effects testing of solvent cements and primers.

- performance testing and health effects testing of solvent cements and primers shall be conducted at least once every three years;
- the analysis of the amount of solvent in solvent cements and primers shall be conducted according to Table 9.34; and
- depending on the percentage of solvent claimed on the label or in the formulation, the variation in the amount of solvent shall not exceed the control limits in Table 9.45.

9.9 Marking verification requirements

Unless otherwise specified by an applicable standard as referenced in Section 2 of this Standard, verification of applicable product marking requirements shall be conducted according to Table 9.1.

Table 9.1 – Marking verification frequency

Marking	Frequency
Performance Standard	Annually
Manufacturer's Name or Trademark	Annually
End Use	Annually
Nominal Size	Annually
Sizing System (SCH, DR, Wall Thickness, etc.)	Annually
Material Designation	Annually
Pressure Rating	Annually
Impact Class	Annually
Piping System Information (compatible fitting standards, etc.)	Annually
Production Information (Manufacturing Date, Location, Lot Number, Coding, Mold, etc.)	Annually

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Seal/Mark of Laboratory evaluating PW End Use	Annually
Marking Characteristics (font size, distance between product marking, color, etc.)	Qualification

9.910 Product-specific quality assurance requirements

Tables 9.56 through 9.40 provide product-specific quality assurance requirements.

Tables 9.2 through 9.40 will be renumbered accordingly.

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[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/ANSI International Standard for Biosafety Cabinetry —

Biosafety Cabinetry: Design, Construction, Performance, and Field Certification

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A.10 Airflow smoke patterns test

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A.10.3.4 Sash seal test

Smoke shall be passed up the inside of the sash 2 inches (50 mm) from the sides and along the top of the work area, 1 inch (25 mm) behind the view screen, starting and ending 6 inches (150 mm) above the bottom edge of the sash.

Rationale: The language in A.10.3.4 Sash seal test does not specify the position of the smoke regarding the distance behind the sash, and the starting and stopping points of the test. Language in other smoke tests clearly state the position of the smoke source. This proposal harmonizes the language of this test with the other sections of Standard 49.

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NSF/ANSI International Standard for Biosafety Cabinetry —

Biosafety Cabinetry: Design, Construction, Performance, and Field Certification

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6.6 Vibration

The net displacement shall not exceed 2×10^{-4} in (5×10^{-6} m) rms amplitude at frequencies between 10 and 1000 Hz ~~and 10 kHz~~ in the center of the work surface when the cabinet is operating at the nominal set point velocities.

-

A.5 Vibration test

A.5.1 Purpose

This test determines the amount of vibration in the operating cabinet. The cabinet shall be operated within ± 3.0 ft/min (± 0.015 m/s) of the nominal set point velocities.

A.5.2 Apparatus

A vibration analyzer with an accuracy of 5% of full scale and a minimum reliable reading of 1.0×10^{-4} in (2.5 μ m) rms amplitude or the ability to detect differences of this magnitude, set up in accordance with manufacturer's instructions. The vibration analyzer shall be capable of measuring vibration in displacement mode within the 10 to 1000 Hz frequency range.

A.5.3 Method

- a) To determine the vibration displacement on the vertical axis, affix the sensing element of the vibration pickup unit firmly onto the geometric center of the work surface(s) by:

clamping;

bolting; or

using an integral magnet with petroleum jelly film, or a double-faced adhesive tape.

The test position is shown in Annex A, figure A4.

- b) Determine the gross vibration amplitude with the cabinet operating.

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- c) Determine the background vibration amplitude with the cabinet blower(s) off and, if applicable, the exhaust blower on.
- d) Subtract the background from the gross vibration amplitude to determine the net vibration amplitude attributable to the cabinet.

A.5.4 Acceptance

Net displacement shall not exceed 2×10^{-4} in (5 μm) rms amplitude at 10 to 1000 Hz to 10 kHz in the center of the work surface(s).

•

F.10 Vibration test

F.10.1 Purpose

This test is performed to determine the amount of vibration in an operating cabinet as a guide to satisfactory mechanical performance, as an aid in minimizing cabinet operator's fatigue, and to prevent damage to delicate tissue culture specimens.

F.10.2 Apparatus

A vibration analyzer with a minimum reliable reading of 1×10^{-4} in (2.5 μm) rms amplitude, or the ability to detect differences of this magnitude, in accordance with manufacturer's instructions. The vibration analyzer shall be capable of measuring vibration in displacement mode within the 10 to 1000 Hz frequency range.

F.10.3 Method

- a) Operate the cabinet with lights on within 5.0 ft/min (0.025 m/s) of the nominal set point velocities.
- b) To determine the vibration displacement on the vertical axis, affix the sensing element of the vibration pickup unit firmly onto the geometric center of the work surface(s) by:
 - a clamp;
 - a bolt; or
 - an integral magnet with petroleum jelly film, or a double-faced adhesive tape.

The test position is shown in Annex A, figure A5.

- c) Determine the gross vibration amplitude with the cabinet operating.
- d) Determine the background vibration amplitude with cabinet blower(s) off, and if applicable, the exhaust blower on.
- e) Subtract the background from the gross vibration amplitude to determine the net vibration amplitude attributable to the cabinet.
- f) Reported values shall be:
 - unit "on" vibration reading;

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Revision to NSF/ANSI 49 – 2018
Issue 138, Revision 1 (September 2019)

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background vibration reading;
net vibration;
pass or fail; and
name of test (vibration test).

F.10.4 Acceptance

Net displacement shall not exceed 0.002 in (50 μm) rms amplitude at 10 to 1000 Hz to 7 kHz in the center of the work surface(s) when the cabinet is operating at the manufacturer's recommended airflow velocities.

***Rationale:** The measurement of vibration is one of use comfort, not safety and not for the structural integrity of the BSC. Since it has become impractical to find meters that measure along this very large range, and the blower fans operate along the lower frequencies, reducing the higher end of the range from 7000 to 1000 Hz is logical and prudent.*

BSR/SAIA A92.20-2018

3. Definitions

Equivalent Entity: An organization, agency, company or individual who, by possession of an appropriate technical degree, certificate, professional standing, or skill, and who, by knowledge, training, and/or experience, has demonstrated the ability to deal with the problems relating to the subject matter, the work, or the project.

6.1 General

The manufacturer shall provide, at the time of delivery, operation manuals to include at a minimum an operator's manual and a manual of responsibilities, **or equivalent of**, located on the MEWP in a weather-resistant storage location

6.2 Operator's Manual

6.2.1 Content

6.2.1.1 The manual shall include, but not be limited to, the following information:

- d) warning(s)- when any entity replaces a part or component, it shall be identical or equivalent to original MEWP part or component. to use only replacement parts approved by the MEWP manufacturer/remanufacturer;

6.2.2 Modifications

~~The manual shall state that m~~Modifications ~~or additions~~ to a MEWP ~~shall may~~ be made by the owner, such modifications shall be subject to the applicable requirements set forth in this Standard. The manual shall state that modifications to a MEWP should be made only with prior written permission of the manufacturer/remanufacturer. ~~In case the~~ Where the manufacturer/remanufacturer approval cannot be obtained, permission to perform modifications may be granted by an equivalent entity after analysis and approval of an engineer. no longer exists, modifications to a MEWP shall be made under the direction of an engineer with expertise in MEWPs. The owner shall retain written permission and pass it on to any subsequent owner, as applicable.

BSR/SAIA A92.22-2018

2.2 Other Referenced Documents

This Standard shall be used in conjunction with the following documents:

- Manufacturer's make and model operator's manual
- The SAIA Manual of Responsibilities, or equivalent of, for Dealers, Owners, Users, Supervisors, Operators, Occupants, Lessors, Lessees and Brokers for the Safe Use of Mobile Elevating Work Platforms

3. Definitions

Equivalent Entity: An organization, agency, company or individual who, by possession of an appropriate technical degree, certificate, professional standing, or skill, and who, by knowledge, training, and/or experience, has demonstrated the ability to deal with the problems relating to the subject matter, the work, or the project.

4.5 Modifications

~~Only the owner can authorize a m~~Modification to a MEWP ~~may be made by the owner, such modifications shall be subject to the applicable requirements set forth in this Standard.~~~~after meeting requirements of this section.~~ Modifications ~~or additions~~ to a MEWP ~~should~~ shall be made only with prior written permission of the manufacturer/~~remanufacturer.~~ ~~Where the manufacturer/remanufacturer approval cannot be obtained, permission to perform modifications may be granted by an equivalent entity after analysis and approval of an engineer. The user shall ensure that MEWP supervisors and operators are aware and comply with the requirements of this section.~~ ~~In case the manufacturer no longer exists, modifications to a MEWP shall be made under the direction of an~~ engineer with expertise in MEWPs. The owner shall ~~retain written permission and provide it to any subsequent owner, as applicable. A user shall ensure that MEWP supervisors and operators are aware and comply with the requirement that only the MEWP owner can authorize a modification to a MEWP.~~

6.8.7 Guardrail System

Users shall direct and operators shall comply with the requirements to install and position guardrails, and that access gates or openings shall be properly closed or in appropriate positions per the manufacturer's instructions. The guardrails of the MEWP shall not be used to carry materials unless ~~approved by the manufacturer designed for that purpose~~ and such materials shall not exceed the rated capacity of the platform.

6.8.25 Misuse as a Crane

The user shall direct and the operator shall comply with the requirements not to use the MEWP as a crane unless specifically ~~approved by the manufacturer designed for that purpose.~~

6.8.26 Use of MEWP for Grounding

The user shall direct and operator shall comply with the requirement that the MEWP shall not be used for electrical grounding to earth when welding structures alongside it unless specifically ~~approved by the manufacturer designed for that purpose.~~

6.8.28 Unusual Operating Support Conditions

The user shall direct and the operator shall comply with requirement to not operate a MEWP, except for loading and unloading purposes, from a position on trucks, trailers, railway cars, floating vessels, and scaffolds or similar equipment unless the application and the method are approved in writing by the manufacturer/remanufacturer. Where the manufacturer/remanufacturer approval cannot be obtained, permission to perform modifications may be granted by an equivalent entity after analysis and approval of an engineer.

6.8.34 Safe Carrying of Materials

The user shall direct and the operator shall comply with allowing only properly secured tools and materials which are evenly distributed and can be safely handled by a person(s) working from the work platform, are moved. Carrying materials larger than the platform shall be prohibited unless ~~approved by the manufacturer~~ it is specifically designed for that purpose.

6.8.39 Parking of the MEWP

6.8.39.2 On completion of work, the MEWP shall be parked in the designated area with the engine or motor switched off, the work platform lowered to its stowed position and the brakes applied. The MEWP shall not be left unattended in the elevated position unless ~~approved by the manufacturer~~ specifically designed for such use.

9/2/19 Comments on ANSI/TIA-PN-568.0-E-R1, Generic Telecommunications Cabling for Customer Premises, Resolved

E: editorial, T: technical, TN: technical no vote issue

Please do not re-size table

ID: Company with comment # (do not automate comment #)

Page	Line	Clause	E/T/TN	ID	Comment (rationale)	Proposed change (specific; add, delete. From-to)	Resolution
19	706	5.9.3.2	T	CS03	Add TIA 5017 as a security reference	Add: For more details on security, see ANSI/TIA 5017 physical network security standard	Accept w/ edits Add: For more details on security, see ANSI/TIA 5017. On line 924, add:13 PHYSICAL NETWORK SECURITY Physical network security shall meet the requirements of ANSI/TIA-5017. Add 5017 to normative references.

9/2/19 Comments on ANSI/TIA-PN-568.1-E-R1, Commercial Building Telecommunications Infrastructure Standard, Resolved

E: editorial, T: technical, TN: technical no vote issue

Please do not re-size table

ID: Company with comment # (do not automate comment #)

Page	Line	Clause	E/T/TN	ID	Comment (rationale)	Proposed change (specific; add, delete. From-to)	Resolution
16	598	7.2.2	T	CS3	AddTIA-5017 as a usefull reference for access to controlled areas	Add: For more details on security and authorized personnel, see ANSI/TIA 5017 physical network security standard	Accept w/ edits Make requested change. On line 944, add: 21 PHYSICAL NETWORK SECURITY Physical network security shall meet the requirements of ANSI/TIA-5017. Add TIA-5017 to normative references

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

1. Spring Closing "Doors" vs. Spring Closing "Covers"

9.6 Inlet and receptacle ~~covers~~ doors

9.6.1 Equipment with enclosures marked "3, 3R, 3X, 3RX, 3S, 3SX, 4, or 4X shall be subjected to the Resistance to Rain Test, Section 24. Spring-closing ~~covers~~ doors protecting inlets and receptacles and relied upon to comply with the Resistance to Rain Test shall be made of a material that is inherently resistant to corrosion and shall comply with the Spring-Closing Cycling Test, Section 27. The gaskets relied upon to comply with the Resistance to Rain Test shall meet requirements specified in Gasket Tests, Section 26.

Exception No. 1: Equipment provided with spring-closing outlet box ~~covers~~ doors evaluated for use in wet locations are considered to comply with these requirements without performance of the Spring-Closing Cycling Test or Gasket Tests.

Exception No. 2: A multi-conductor receptacle or inlet of either the non-locking-blade-, locking-blade-, or pin-and-sleeve-type that:

- a) *Is provided with or integrates into its design a self-closing ~~cover~~ door and*
- b) *Has been evaluated as "watertight" or as any of Enclosure Types 3, 3R, 3X, 3RX, 3S, 3SX, 4, or 4X*

is considered to comply with these requirements.

9.6.2 Equipment with enclosures marked "Suitable for Use in Damp Locations" shall be provided with spring closing ~~covers~~ doors that are gasketed and tight fitting, and that comply with the Spring-Closing Cycling Test, Section 27. The gasket shall meet requirements specified in Gasket Tests, Section 26. The spring shall be made of a material that is inherently resistant to corrosion.

Exception No. 1: Equipment provided with spring-closing outlet box ~~covers~~ doors evaluated for use in damp locations is considered to comply with these requirements.

Exception No. 2: A multi-conductor receptacle or inlet of either the non-locking-blade-, locking-blade-, or pin-and-sleeve-type that:

- a) *Is provided with or integrates into its design a self-closing ~~cover~~ door and*
- b) *Has been evaluated as "Suitable for use in Damp Locations", "watertight", or as any of Enclosure Types 3, 3R, 3X, 3RX, 3S, 3SX, 4, or 4X*

is considered to comply with these requirements.

24 Resistance to Rain Test

24.1 An enclosure is to be tested both with and without all inputs and outputs terminated to appropriate plugs or cord connectors. Equipment with ~~covers~~ doors over more than one receptacle at a time is to be tested both without any attachment plugs and with only a single plug placed in the receptacle that results in the greatest risk of water entering a wiring device. Prior to each test, all ~~covers~~ doors, guards, shields, or the like are to be opened, then allowed to assume their natural position. A self-closing ~~cover~~ door is to be allowed to close, a ~~cover~~ door with a detent or other feature intended to hold it open is not to be manually closed, and an input or output without a self-closing ~~cover~~ door is to be tested without the ~~cover~~ door in place.

Exception: Doors that do not protect inlets and receptacles and that are provided on equipment marked for use by qualified personnel in accordance with Qualified Personnel, Section 35 shall be permitted to be closed during this test.

27 Spring-Closing Cycling Test

27.1 When subjected to the cycling test described in 27.2, a ~~cover plate~~ door protecting inlets or receptacles shall not crack, deform, or otherwise be damaged so as to allow the entrance of water as verified by the appropriate environmental test outlined in Enclosure Performance, Section 10. Verification of ~~cover plate~~ door performance is to be conducted with the ~~cover~~ door opened completely and then allowed to assume its natural position.

27.2 A ~~cover plate~~ door shall be subjected to 1000 cycles of operation. One cycle of operation is considered to be complete opening of the ~~cover~~ door followed by allowing the ~~cover~~ door to assume its natural position.

35 Qualified Personnel

35.2 Equipment subjected to the Resistance to Rain Test with doors closed, as permitted in the Exception to 24.1, shall be marked with the following or other marking determined to be equivalent: "FOR USE BY QUALIFIED PERSONNEL ONLY" and "All doors must be closed and fastened prior to leaving the equipment unattended." This marking shall be in minimum 1/16 inch (1.6 mm) high letters. The words "FOR USE BY QUALIFIED PERSONNEL ONLY" shall be in minimum 1/8 inch (3.2 mm) high letters.

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DRAFT: October 11, 2019 SA



Operating Procedures ANSI Executive Standards Council (ExSC)

Edition: January 1, 2020

Deleted: May 2017

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To propose changes to this document for consideration and approval by the ANSI Executive Standards Council and the Executive Committee of the ANSI Board of Directors, please submit the specific proposal in strikethrough, underline format with a rationale to psa@ansi.org.

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Operating Procedures of the ANSI Executive Standards Council

Introduction

The American National Standards Institute (ANSI) serves as the national coordinator of voluntary standardization activities in the United States. Through ANSI, organizations concerned with standards activities may cooperate in establishing, improving, and recognizing American National Standards based on a consensus of directly and materially affected persons, to the end that such activities remain dynamically responsive to national needs; that duplication of work and conflict of requirements are avoided; and that individual enterprise and initiative are encouraged.

The Executive Standards Council (ExSC) was established by the Board of Directors of ANSI with responsibilities that apply to both American National Standards and to U.S. participation in those international standards activities in which ANSI participates. The ExSC shall have exclusive authority to render decisions with regard to issues arising within the ANSI programs it is charged to oversee, subject only to any possible further appeal pursuant to applicable appeals procedures. The ExSC reports to the Executive Committee of the ANSI Board of Directors ("Board Executive Committee").

1 Responsibilities and Functions

The ExSC, a Program Oversight Committee, shall be responsible for developing and promulgating procedures and criteria utilized in the national and international standards development activities of ANSI and for other duties that may be delegated to it by the Board. The functions of the ExSC shall include but not be limited to:

- a) Developing and promulgating procedures and criteria for: (i) the accreditation and auditing of standards developers; and (ii) the coordination, development, approval and withdrawal of standards as American National Standards, including the Essential Requirements (and any successor or related documents);
- b) Developing and promulgating procedures and criteria for the oversight of U.S. Technical Advisory Groups ("TAGs") to ISO, including the International Procedures (or any successor or related document); and
- c) Overseeing all aspects of and making determinations relating to ANSI's standards developer accreditation, audit, and audited designator programs, as well as, the accreditation of U.S. TAGs to ISO, including appeals of such decisions.

The ExSC shall exercise exclusive responsibility for the terms of the Essential Requirements and International Procedures, including ANSI's Patent Policy, subject only to ExCo and/or Board approval. The ExSC, in its discretion, may solicit input from other Committees of ANSI, Membership Forums or Policy Advisory Groups from time to time when interpreting or considering revisions to the ANSI Essential Requirements and International Procedures.

The Board of Standards Review (BSR) of ANSI has been delegated the responsibility for approval and withdrawal of standards as American National Standards, acting in accordance with criteria established by the ExSC.

2 ExSC Membership and Membership Rights

The requirements for membership and the officers of the ExSC are provided in the ANSI By-Laws. The members of the ExSC shall, in that capacity, act as fiduciaries to ANSI and shall act in the best interest of ANSI. The members of the ExSC shall also abide by ANSI's Conflict of Interest and Related Party Transaction Policy, as well as, the ANSI Code of Conduct and these Operating Procedures.

Except as otherwise delegated by the Board, members of the ExSC shall be nominated by ExSC voting members and appointed by the Chair of the Board with the approval of the Board. In making these appointments, the Chair of the Board shall endeavor to ensure representation of all membership categories concerned with the activities of the ExSC. In no case shall the voting membership of the ExSC be greater than 21. Membership in ANSI by the

Commented [AC2]: Although shown as new text, some of this text existed in another form in the prior edition of these procedures. In addition, the text shown is excerpted from the 2020 ANSI By-Laws.

Deleted: The major responsibility of the ExSC is to coordinate the overall national and international standardization activities of the Institute. This includes:¶
¶
<#>Developing and maintaining the criteria and procedures for the development and coordination of American National Standards and for the development and coordination of U.S. positions in international standards activities and for auditing such activity;¶
<#>Establishing and supervising such groups as are needed to plan and coordinate the development of American National Standards and to determine U.S. positions in international standards activities.¶
¶

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entity with which the Member is affiliated shall be a prerequisite for participation in the ExSC unless the Board specifically permits otherwise. Membership in the ExSC, however, shall be by the individual, not the entity with which such person is affiliated.

Members should, to the extent possible, represent the broadest interests of all standards developers and/or users. Next in order of priority, members should represent their assigned interest category (i.e., Organization Member, Company Member, Government Member, Consumer Interest Council, member-at-large) rather than their employer's specific interests. A member assigned to the member-at-large category may be drawn from another category. No organization shall have a vested right to membership, including an unexpired vacancy. Except as may be extended by the Board, each new member appointment shall be for a term of three full years with no person serving more than three full consecutive terms.

3. Member Participation

Repeated failure to return ballots or attend meetings shall be considered as a lack of interest. When a member fails repeatedly to return ballots before the close of the ballot period, or attend meetings, the Secretary shall place the matter before the ExSC. The ExSC may request the Chair of the Board of Directors to remove such individual from his or her assignment.

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4. Officers

The Chair of the ANSI Board of Directors shall appoint the Chair of the ExSC subject to approval by the Board. The ExSC Chair and Vice Chair shall serve for a term of two years and shall be eligible to serve for a maximum of two full consecutive two-year terms. Except as may be extended by the Board, each appointment of a member to the ExSC shall be for a term of three full years with no person serving more than three full consecutive terms.

A staff member of ANSI designated by the President shall serve as a non-voting secretary of the ANSI ExSC.

5. Nominations and Elections

Recommendations for ExSC membership shall be open to any reasonable source. Recommendations may be requested from appropriate ANSI committees, forums and advisory groups. All recommendations shall be referred to the ExSC Nominating Committee for consideration.

The Chair of the ExSC shall appoint, before February 1 of each year, a Nominating Committee of not less than three (3) members from among the members of the Council to serve until December 31. By majority vote, on or before September 15 of each year, this committee shall nominate the following:

- a) Candidates to serve as Chair and Vice-Chair of the Council for the following year if the term of the current Chair or Vice Chair is due to expire;
- b) Members of its Executive Committee;
- c) Members of the ExSC (to fill vacancies and expired terms).

By October 1 of each year, the Secretary of the ExSC shall forward to the members of the Council the report of the Nominating Committee. Other nominations may be made to the Institute by petition, signed by at least five (5) members of the Council, prior to September 1 of each year. Thereafter, the Secretary of the ExSC shall mail to each member of the Council a ballot containing the names of all nominees, those submitted by the Nominating Committee being so indicated. All ballots returned to the Institute by the closing date, shall be counted, and the names of the nominees receiving a plurality of the votes cast shall be submitted to the Executive Committee of the Board for final appointment.

Deleted: In addition, the ExSC shall be composed of representatives of organizational members, company members, governmental members, members of the Consumer Interest Council, and members-at-large. An attempt shall be made to have at least two members, with a maximum of six members, in each category. The ExSC shall strive to a balance of representation among categories to the extent possible. However, in no case shall the membership of the ExSC be greater than 21.¶

¶ Members should, to the extent possible, represent the broadest interests of all standards developers and/or users. Next in order of priority, members should represent their assigned interest category (i.e., Organization Member, Company Member, Government Member, Consumer Interest Council, member-at-large) rather than their employer's specific interests. A member assigned to the member-at-large category may be drawn from another category. No organization shall have a vested right to membership, including an unexpired vacancy.¶

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6 Executive Committee

The Executive Committee of the ExSC shall be responsible for those activities assigned to it by the ExSC. The Chair and Vice-Chair of the ExSC shall occupy the same positions on the Executive Committee. In addition, there shall be at least three (3) members elected by the ExSC for one-year terms. At any meeting of the Executive Committee, a majority of the members shall constitute a quorum.

7 Standards Advisors

The ExSC may appoint individuals or groups to serve as standards advisors, each of whom would have competence in one or more technical areas of standards development, application and coordination. Standards advisors will be called on to advise the ExSC, other ANSI boards or councils, and ANSI staff with regard to matters of coordination, harmonization, standards needs, etc. Advisors shall not be responsible for making decisions in standards issues, but shall serve, rather, as information sources.

Standards advisors are appointed by the ExSC on the basis of individual or collective qualifications including experience, technical competence, impartiality, diplomatic abilities, knowledge of the voluntary consensus system, etc. Standards advisors shall be appointed for a term to be determined by the ExSC.

8 Other Subcommittees and Task Forces

The ExSC may establish such additional subcommittees and task forces as are considered desirable to accomplish its mission. Subcommittees shall have a defined scope as approved by the ExSC, and shall be charged with making recommendations to the ExSC.

9 Responsibilities and Functions

See the ANSI By-laws.

10 Additional Responsibilities

In addition to the responsibilities set forth in the ANSI By-laws, the ExSC shall act, as necessary, on recommendations or appeals presented by resident counsel on the basis of legal considerations.

11 Meetings

Meetings may be called by the Chair or the ExSC Executive Committee, or shall be called by the Secretary on petition of fifty percent of the membership.

At any meeting of the ExSC the presence of a majority of the current voting membership (i.e., the authorized voting membership reduced by vacancies) shall constitute a quorum.

12 Authorization of ExSC Letter Ballots

The ExSC, in session, or the Chair of the ExSC may authorize the Secretary to distribute letter ballots.

13 Voting

Each member of the ExSC shall exercise his or her voting privilege within such prescribed time limits as may be established.

13 Voting Period

Letter ballots shall be closed on the twentieth (20th) working day following the date of issue, or when all ballots are received, unless otherwise authorized by the Chair. When a negative vote is cast, the ballot shall remain open until the procedure of section 14 is completed.

14 Conflict of Interest

In addition to complying with ANSI's Conflict of Interest Policy, a member of the ExSC shall act at all times in a manner that promotes confidence in the integrity and impartiality of ANSI's processes and procedures and should

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 ¶
 Act on applications for accreditation from standards developers and U.S. TAGs to ISO.¶
 Establish a mechanism to enable standards developers to provide ANSI with information with respect to their standards activities and standards publications, to be added to a data bank of standards information.¶
 Determine policies and practices for the designation and numbering of standards approved as American National Standards.¶
 Receive reports and act, as necessary, on recommendations presented by other councils or boards;

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avoid a conflict of interest or the appearance of a conflict of interest in connection with all ExSC activities. A conflict of interest can arise from involvement by an ExSC member with the subject matter of a dispute under consideration by the ExSC or from any relationship between the ExSC member and a party to an action before the ExSC, whether past or present, that reasonably raises a question of an ExSC member's impartiality.

Typically a potential conflict of interest arises when a member of the ExSC participated in activities integral to the particular issue under review or that person is employed by, or a member of the governing body of, the relevant standards developer or other entity as applicable. Similarly, a conflict of interest usually does not exist by virtue of the fact that a member of the ANSI committee participated in the development of standards by a particular standards developer or is a member of that standards developer.

If a materially affected party (such as a standards developer or a possible appellant) asserts that it believes that a member of the ExSC has a conflict of interest, that materially affected party is required to state the reason(s) for its belief. That information shall then be forwarded to the member of the ExSC identified as having a possible conflict for that person's response. If that committee member disagrees with the assertion, then the Chairman of the ExSC shall make a final determination as to whether a conflict of interest exists.

Members of the ExSC who are disqualified from a particular discussion shall not participate in the deliberations or decisions.

15. Confidentiality

The results of all letter ballots shall remain confidential to the ExSC until the ballot has been closed

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16. Disposition of Views and Objections

The Secretary shall forward the views and objections of ExSC members to the Chair. The Chair shall determine whether the expressed views and objections shall be considered by correspondence or at a meeting. Comments or objections from ExSC members that require response by an entity outside of the ExSC shall be forwarded to the outside entity without specific identification of the ExSC member.

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An effort to resolve all expressed objections shall be made, and each objector shall be advised of the disposition of the objection and the reasons therefor.

Unresolved objections shall be reported to the ExSC members in order to afford all members an opportunity to respond to them or to reaffirm or change their votes within fifteen working days.

17. Report of Letter Ballot Results

When the letter ballot has been closed, the Secretary shall report the results to the ExSC and to others concerned.

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18. Voting Requirements

The following actions shall require approval by two-thirds (2/3) of the current ExSC voting membership in a letter ballot:

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- a) Establishment or disbandment of an ExSC committee and approval of the scope and membership of such a body;
- b) Accreditation of standards developers or U.S. TAGs to ISO;
- c) Procedures for the development and coordination of American National Standards and for the criteria for the development and coordination of U.S. positions in the International Standardization Activities of the ISO and IEC;
- d) Proposed amendments to these Operating Procedures; and
- e) All other actions by letter ballot, unless otherwise specified, shall be by simple majority vote of the current ExSC voting membership.

Except for hearings of appeals by the ExSC, action at a meeting at which a quorum is present may be taken by the lesser of the following alternate requirements:

- a) Simple majority of the current voting membership;
- b) Two-thirds of those voting members present.

17 ExSC hearing of appeals

17.1 Right to appeal

All directly and materially affected persons¹ have the right to appeal actions or inactions of the ExSC or its designee. Conclusion of the appeals process at the standards developer, or U.S. TAG, as the case may be, is not a precondition for filing an appeal with the ExSC of an organization's continuing accreditation status. Complaints concerning ANSI Audited Designators are governed by section 18 of these procedures and complaints concerning ANSI-Accredited U.S. TAGs to ISO are governed by section 19 of these procedures.

In connection with a new accreditation or reaccreditation² action, ANSI will notify those (if any) on record at ANSI who have objected to the action during the formal ANSI public review period, of the right to appeal. Any other party wishing to appeal such an action may do so in accordance with these procedures, but will not be given notice by ANSI and must file as a separate appellant in order to preserve standing to appeal to the ANSI Appeals Board.

The ExSC may also hear appeals remanded or referred to the ExSC by the ANSI Appeals Board. Hearing of appeals by the ExSC shall be handled by a panel of at least five ExSC voting members established for each appeal. If five members of the ExSC are not available to serve on the panel, the Chair or the Vice Chair of the ExSC may appoint one or more additional panel members who shall be persons knowledgeable about the *ANSI Essential Requirements: Due process requirements for American National Standards (ANSI Essential Requirements)* or the *ANSI International Procedures*, as applicable, and the standards development process. Such appointment(s) of non-ExSC members shall be with the concurrence of all parties to the appeal. A majority of the members of the panel shall be members of the ExSC.

Pending a decision by the ExSC panel, the original decision of the ExSC shall remain in effect unless the ExSC determines otherwise. No party to an appeal may communicate with any unrecused member of the ANSI ExSC on the subject of the appeal while the matter is pending. All communications shall be directed to the secretary of the ANSI ExSC.

17.2 Appeal

All appeals shall be made in writing. Appeals and the required filing fee shall be directed to the secretary of the ANSI ExSC on or before midnight Eastern time of the due date. The filing fee may be waived or reduced only upon sufficient evidence of hardship.

The appeal shall be comprised of a brief statement of the matter and the reason(s) why the appellant believes the decision is in error. Specifically, the appeal should include as appropriate:

- a) a copy of the decision from which the appeal is taken;
- b) an explanation of the issue and the procedural history;
- c) arguments that explain why appellant believes the decision was in error;
- d) references to the provision(s) of the ANSI procedures upon which appellant relies;
- e) relevant evidence that directly supports appellant's position and upon which appellant relies; and
- f) the specific relief sought by appellant from the ExSC.

The brief appeal statement (exclusive of exhibits) shall not be more than 30 pages, double-spaced, 12 point font or larger. The secretary of the ExSC shall have discretion to extend this limit for good cause shown.

Unless otherwise instructed by the secretary of the ExSC, the appeal shall be sent via electronic means (with one complete hard copy mailed to ANSI) within fifteen (15) working days following the date of the decision that is the subject of the appeal or at any time with respect to an inaction by the ExSC or an appeal of an organization's continuing status as an ANSI-Accredited Standards Developer or ANSI-Accredited U.S.

¹ "Persons" includes organizations, companies, government agencies, individuals etc.

² A "reaccreditation" action is the approval of revised procedures submitted by an ANSI-Accredited Standards Developer.

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TAG Administrator to ISO. If the appellant is unable to provide the required appeals materials within the fifteen (15) working day deadline, an extension may be requested, with the grounds for such request noted. Such request must be directed to the secretary of the ExSC, within the fifteen (15) working day deadline or the appellant shall forfeit the right to appeal. Extensions of time to submit an appeal may be granted at the discretion of the Chair of the ExSC, or, if the Chair is unavailable, the Vice Chair of the ExSC or the secretary of the ExSC. No supplemental filing prior to the forthcoming hearing shall be permitted without a showing of good cause.

17.3 Response

The appeal shall be distributed by the secretary of the ExSC to the potential respondent (the party who must respond to the appeal) to allow them the opportunity to respond. Thereafter, this party shall have fifteen (15) working days to submit their response to the appeal on or before midnight Eastern time of the due date.

The response shall include:

- a) the reasons why respondent believes the decision under appeal was correct and a reference to the provisions in the ANSI procedures upon which the respondent relies; and
- b) relevant evidence that directly supports respondent's position and upon which respondent relies.

The brief response (exclusive of exhibits) shall not be more than 30 pages, double-spaced, 12 point font or larger. The secretary of the ExSC shall have discretion to extend this limit for good cause shown.

The response shall be distributed by the secretary of the ExSC to ExSC members, subject to applicable conflict of interest procedures, and to the appellant. No supplemental filing prior to the forthcoming hearing shall be permitted without a showing of good cause.

If the respondent is unable to provide the required response within fifteen (15) working days, an extension may be requested, with the grounds for such noted. Such request must be directed to the secretary of the ExSC within the fifteen (15) working day deadline or the respondent shall forfeit the right to respond. Upon receipt of the response it shall be provided to the appellant for information only. No reply to the response prior to the forthcoming hearing shall be permitted without a showing of good cause. Extensions of time to submit a response may be granted at the discretion of the Chair of the ExSC, or, if the Chair is unavailable, the Vice Chair of the ExSC or the secretary of the ExSC.

17.4 Letters of support by non-parties to the appeal

A person or organization that is not a party to the appeal may submit a letter of support for a position taken by the appellant or respondent to the appeal by contacting that party and requesting that such a letter be included in that party's formal appeals brief or response.

Such party-supporting letters shall be clearly marked as such, may not include new evidence, may not exceed three single-space pages in length, 12 point font or larger, and may address procedural issues only. Letters not meeting the requirements of this section will not be accepted without the approval of the ExSC Chair or Vice Chair. Submitters of such letters do not have any special standing with respect to ANSI's appeals processes, are not considered parties to the appeal and do not have the right to address the adjudicating body at the hearing on the matter.

17.5 Hearing

The secretary of the ExSC shall establish a panel to hear the appeal, subject to applicable conflict of interest procedures.

A hearing date for an appeal shall be set by the secretary of the ExSC after consultation with the Chair. However, a later date may be scheduled if mutually agreeable to the participants in the hearing. All parties shall be given at least fifteen (15) working days notice of the hearing date. Panel members shall receive copies of the appeals record at least fifteen (15) working days prior to the date of the appeals hearing. The name and affiliation of all speakers and any observers must be provided to the secretary of the ExSC in advance of the hearing.

At the hearing, the appellant's position shall be presented first, followed by the respondent. Each side is then allowed to respond until their total allotted time is exhausted. A half hour total, for the initial presentation and

subsequent responses, is allotted for each side, with a limit of three speakers per side. Additional time is allotted for a question and answer session directed by the panel. At the hearing, speakers are not permitted to make assertions about facts or issues not in the record. The hearing may not be recorded in any way. At the close of the question and answer period, the appeals panel shall go into executive (closed) session for the purpose of arriving at a decision.

Should any party at interest not be present at the hearing, the decision of the ExSC panel shall be based on the presentations made by the parties that are present at the hearing in addition to the written submissions on record.

17.6 Decision

Decisions of ExSC appeals panels shall require a majority vote of the panel, shall represent the decision of the ExSC, and shall be provided to the ExSC for their information. Notice of a decision reached by the ExSC appeals panel shall be sent by the secretary to the parties within fifteen (15) working days, unless an extension is authorized by the Chair of the ExSC, or, if the Chair is unavailable, by the Vice Chair. The decision shall specify the outcome of the appeal, and shall be accompanied by an explanation of the reasons for such outcome, and the specific relief granted, if any. The outcome of the appeal shall be announced in *Standards Action*.

18 ExSC Consideration of Complaints against ANSI Audited Designators

If a formal complaint³ is lodged against an Audited Designator, and said complaint relates to whether or not the developer should remain ANSI-accredited or retain the status of Audited Designator, the Executive Committee of the ExSC, in their discretion, shall determine whether such a complaint should be processed in accordance with (a) through (f) below or clause 17 *ExSC hearing of appeals of the Operating Procedures of the ANSI Executive Standards Council*.

All complaints shall be made in writing. Complaints and the required filing fee shall be directed to the secretary of the ANSI ExSC on or before midnight Eastern time of the due date. The filing fee may be waived or reduced only upon sufficient evidence of hardship.

If a formal complaint is lodged against an Audited Designator and the ExSC Executive Committee has decided not to implement clause 17, and if (i) the complaint relates to one or more specific approved American National Standards and (ii) the complainant has completed the appeals process(es) available at the Audited Designator, the ExSC shall handle the complaint in accordance with (a) through (f) below.

- (a) Upon receipt of a formal complaint, the ExSC shall review the complaint.
 - 1) If the complaint has not been submitted to ANSI (i) within 30 days after the complainant completed the appeals process(es) and received the final determination of the complainant's appeal at the Audited Designator or (ii) otherwise within a reasonable time of the challenged action of the Audited Designator, the ExSC shall, unless there are compelling circumstances, dismiss the complaint.
 - 2) If the complaint does not (i) specifically allege that the Audited Designator violated any of its accredited procedures and that any related appeals decision issued by the Audited Designator was clearly erroneous, and (ii) provide sufficient substantiation of facts to support such allegations to establish a *prima facie* case, the ExSC shall dismiss the complaint.
 - 3) If the complaint is technical in nature or relates to the content of a standard, the ExSC shall dismiss the complaint.
- (b) If the complaint is not dismissed pursuant to (a), the ExSC shall send a copy of the complaint to the Audited Designator and request a response to the allegations in the complaint. The ExSC, in its discretion, may ask the Audited Designator either for a general response or, if the ExSC is concerned with only certain of the allegations raised in the complaint, it may request a more limited response only to those areas of concern.
- (c) Upon receipt of the response from the Audited Designator, the ExSC shall do one of the following:
 - 1) If it determines that the complaint and the response taken together do not support a claim that the Audited Designator has violated its procedures, it shall dismiss the complaint.
 - 2) If it determines that the complaint raises issues that merit further review, it shall refer the complaint with any special instructions to the audit team at the next regularly scheduled audit or take other appropriate action such as the scheduling of a hearing.

³ See section 17 for filing specifications.

- 3) If it determines that substantial and material reasons exist indicating immediate action may be necessary, it shall order an audit for cause or take other appropriate action such as initiating the withdrawal of accreditation or of the developer's Audited Designator status.
- (d) Any audit for cause shall be limited in scope to that which is necessary to reasonably investigate the complaint. Such audits, where appropriate, may be handled remotely, rather than through an on-site visit.
 - (e) Following any audit for cause, the Audited Designator shall receive a copy of the audit report and shall have the opportunity to provide a written response to the audit report. The results of any audit for cause and the response of the Audited Designator shall be reviewed by the ExSC, who shall determine what additional action, if any, shall be taken.
 - (f) The standards developer shall have full notice and an opportunity to be heard before the ExSC implements any adverse action against the standards developer.
 - (g) The ExSC's final action may be appealed to the ANSI Appeals Board.

19 ExSC Consideration of Complaints against ANSI-Accredited U.S. TAGs to ISO

If a formal complaint⁴ is lodged against an ANSI-Accredited U.S. TAG to ISO (U.S. TAG), the Executive Committee of the ExSC, in its discretion, shall determine whether such a complaint shall be processed in accordance with (a) through (f) below or clause 17 *ExSC hearing of appeals* of the *Operating Procedures of the ANSI Executive Standards Council*.

All complaints shall be made in writing. Complaints and the required filing fee shall be directed to the secretary of the ANSI ExSC on or before midnight Eastern time of the due date. The filing fee may be waived or reduced only upon sufficient evidence of hardship.

If a formal complaint is lodged against an ANSI-Accredited U.S. TAG to ISO (U.S. TAG), and if the complainant has completed the appeals process(es) available at the U.S. TAG and the ExSC Executive Committee has decided not to implement clause 17, the ExSC shall handle the complaint as follows:

- (a) Upon receipt of a formal complaint, the ExSC shall review the complaint.
 - 1) If the complaint has not been brought within a reasonable time of the challenged action of the U.S. TAG, the ExSC shall, unless there are compelling circumstances, dismiss the complaint.
 - 2) If the Complaint is technical in nature or relates to the content of a standard and does not allege and provide substantiation of facts constituting a violation of any procedures under which the U.S. TAG is accredited to operate, the ExSC shall dismiss the complaint.
- (b) If the Complaint is not dismissed pursuant to (a), the ExSC shall send a copy of the complaint to the U.S. TAG Administrator and request a response to the allegations in the complaint. The ExSC, in its discretion, may ask the TAG Administrator either for a general response or, if it is concerned with only certain of the allegations raised in the complaint, it may request a more limited response only to those areas of concern.
- (c) Upon receipt of the response from the U.S. TAG, the ExSC shall do one of the following:
 - 1) if it determines that the complaint and the response taken together do not support a claim that the U.S. TAG has violated its procedures, it shall dismiss the complaint;
 - 2) if it determines that the complaint and the response taken together raise issues that merit further review, it shall take appropriate action such as schedule a hearing or order an audit for cause.
- (d) Any audit for cause shall be limited in scope to that which is necessary to reasonably investigate the complaint. Such audits, where appropriate, may be handled remotely, rather than through an on-site visit.

⁴ See section 17 for filing specifications.

- (e) Following any audit for cause, the U.S. TAG Administrator shall receive a copy of the audit report and shall have the opportunity to provide a written response to the audit report. The results of any audit for cause and the response of the U.S. TAG shall be reviewed by the ExSC, who shall determine what additional action, if any, shall be taken. The U.S. TAG shall have full notice and an opportunity to be heard before the ExSC implements any adverse action against the U.S. TAG.
- (f) The ExSC's final action may be appealed to the ANSI Appeals Board.

20 Accessibility of documentation and decisions

A copy of the record on appeal (*i.e.*, appeals-related documents submitted by the parties to the appeal for consideration by the ExSC, including party-supporting letters) shall be made available to any directly and materially affected person upon request. The costs associated with providing such documents shall be borne by the person seeking them.

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21 Appeal of ExSC Actions

In accordance with the *ANSI Appeals Board Operating Procedures*, an appeal from a final appeal or complaint decision of the ExSC may be filed with the Appeals Board by the appellant or respondent to the ExSC appeal or complaint at issue.

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22 Informal Settlement

ANSI encourages settlement of disputes at any time if the settlement is consistent with the objectives of the ANSI procedures. Any settlement (to which the parties agree in writing) that is consistent with ANSI procedures, or an agreement to withdraw the appeal, will terminate the appeals process. If the settlement leads to a substantive change in a standard, the change shall be processed in accordance with the *ANSI Essential Requirements: Due process requirements for American National Standards*.

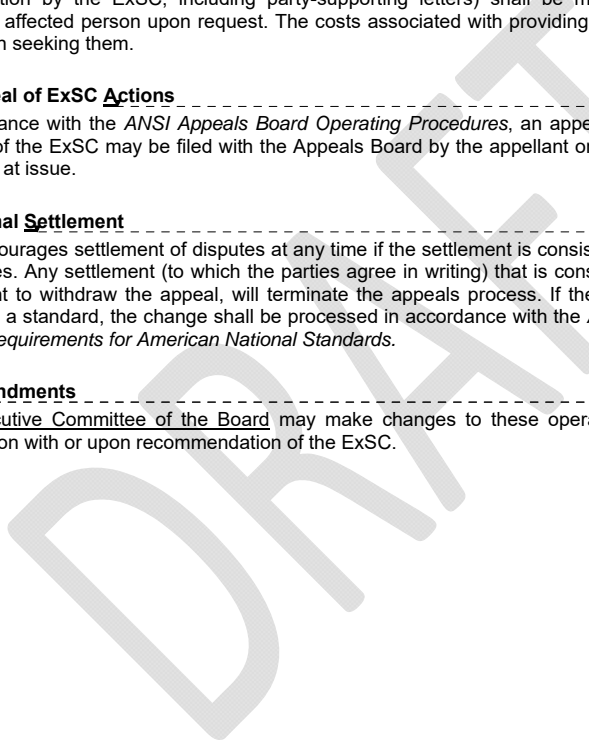
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23 Amendments

The Executive Committee of the Board may make changes to these operating procedures at any time after consultation with or upon recommendation of the ExSC.

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¶ Members are expected to participate actively by fulfilling attendance, voting, correspondence, and other obligations. Members are expected to participate in good faith and in accordance with professional standards, respectful of the rules of the ExSC and the authority given to the Officers of the ExSC as well as to the ExSC Membership, to act on behalf of ANSI. ¶
¶ Repeated failure to return ballots or attend meetings shall be considered as a lack of interest. When a member fails repeatedly to return ballots before the close of the ballot period, or attend meetings, the Secretary shall place the matter before the ExSC. The ExSC may request the Chair of the Board of Directors to remove such individual from his or her assignment.¶

Deleted: 24 Parliamentary procedure¶
On questions of parliamentary procedure not covered in these Procedures, *Robert's Rules of Order* (latest edition) shall prevail.¶



Annex A

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Note: this text was previously contained in the 2002 edition of the *ANSI Procedures for the Development and Coordination of American National Standards*. It was not included in the *ANSI Essential Requirements: Due process requirements for American National Standards*, issued in 2003. The reason for its exclusion from the *ANSI Essential Requirements* is that ANSI no longer distinguishes among types of accreditations. This said, ANSI-accredited standards committees exist and the ANSI Executive Standards Council (ExSC) believes that it would be useful to make publicly available the following procedures that the ExSC will apply to the unique relationship between the secretariat and the consensus body that constitute an accredited standards committee. This text is revised as shown below in the 2012 edition.

Annex A: Change in Secretariat-Consensus Body Relationship within an ANSI-Accredited Standards Committee (ASC)

In the case of an ANSI-accredited standards committee, the secretariat and the consensus body shall jointly hold the accreditation. If a change in the entity that serves as the secretariat is sought by both the consensus body and the secretariat and the new secretariat agrees to use the ASC's existing procedures, then the following shall apply:

- (a) The secretariat shall prepare and circulate a ballot for consensus body approval of the new secretariat and shall place an announcement via the Secretary of the ExSC regarding the proposed transfer of the responsibility to the new secretariat in Standards Action for a 30 day comment period.
- (b) Upon closure of the ballot, a copy of the voting results shall be transmitted to the consensus body pursuant to the accredited procedures.
 - If a two-thirds affirmative vote of the total voting membership of the consensus body is not achieved, and the secretariat and/or the consensus body do not wish to continue their joint relationship, then the ExSC shall be so notified in writing. The accreditation of the ASC shall be withdrawn by the ExSC as a result in accordance with clause 4.1.4 of the *ANSI Essential Requirements*.
 - If a two-thirds affirmative vote of the total voting membership of the consensus body is achieved, then the following procedures shall apply.
- (c) A notice shall be sent to the Secretary of the ExSC notifying it of the consensus body approval of the change in secretariat, the reasons therefore, a copy of the voting results that indicate the consensus body's acceptance of the proposed change and a certification that the new secretariat shall operate in accordance with the currently accredited procedures.
- (d) The current secretariat of the consensus body also shall provide any public comments arising from the public review comment period and the disposition of said comments.
- (e) If comments are received, the ExSC shall consider the consensus body vote results, the reasons for the secretariat transfer, comments received during the public comment period with their disposition (where applicable), and the certification that the new secretariat shall operate in accordance with the currently accredited procedures. The ExSC then shall determine whether the above should warrant further actions prior to the transfer of secretariat. If no further actions are necessary, then an informative announcement confirming the change of secretariat shall be made in *Standards Action*.

ExSC_129_2019

DRAFT: October 11, 2019 SA



Operating Procedures ANSI Board of Standards Review (BSR)

DRAFT

Edition: January 1, 2020

Deleted: May 2017

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To propose changes to this document for consideration and approval by the ANSI Executive Standards Council and the Executive Committee of the ANSI Board of Directors, please submit the specific proposal in strikethrough, underline format with a rationale to psa@ansi.org.

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Foreword

This document contains the Operating Procedures of ANSI's Board of Standards Review (BSR), which is responsible for approving American National Standards and acting on proposals to revise, reaffirm and withdraw American National Standards. The ANSI Board of Standards Review (BSR) reviews standards submitted to ANSI with unresolved objections on record. This includes negative votes from the consensus body as well as public review comments. Standards submitted without unresolved objections may be administratively approved by the BSR without further review. The BSR does not have jurisdiction over the standards of Audited Designators unless the Audited Designator chooses to submit one or more standards to the BSR for approval.

ANSI does not develop standards. Standards are developed by many qualified technical societies, trade associations, and other groups that voluntarily submit them to ANSI for approval as American National Standards. ANSI's BSR applies a basic set of criteria set forth in *the ANSI Essential Requirements: Due process requirements for American National Standards* to each standard that is a candidate for approval. Standards that (i) are submitted by accredited standards developers that have certified compliance with ANSI requirements and (ii) have no unresolved objections, may be administratively approved by the BSR. Any proposal that meets these criteria is approved as an "American National Standard". That designation signifies that ANSI believes that its criteria for due process have been met and that a consensus for approval exists among those directly and materially affected persons (organization, company, government agency, individual, and the like) who chose to participate in the approval process.

Approval by ANSI informs the user that those who are directly and materially affected have generally accepted the standard and reached substantial agreement on its provisions.

If the Board of Standards Review finds that the criteria for due process have not been met or that the evidence of consensus is inadequate in connection with a standard that it has reviewed, it will not approve that standard as an American National Standard. The BSR acts only on this basis. It does not evaluate or judge the technical content of the standard. Lack of adequate consensus or due process indicates that there was opposition to the voluntary adoption and use of the standard that was sufficient to persuade the BSR that the designation "American National Standard" should not be applied.

The changes contained in the version of these procedures that was distributed to all ANSI-accredited standards developers in July 1998 were approved on or before April 1998. The primary revisions included: clarification of the role of the BSR with regard to developers who have been granted Audited Designator status; clarification of the approval process associated with standards submitted without unresolved objections; and implementation of a filing fee with regard to requests for the withdrawal for cause of an American National Standard.

In addition, changes approved by the National Policy Committee (NPC) of the ANSI Board of Directors in July 1998 were incorporated into these operating procedures. The primary changes approved by the NPC in July 1998 included: clarification of the BSR's voting procedures; inclusion of details concerning conflicts of interest; and language that states that the original action of the BSR shall stand pending appeals unless the BSR determines otherwise. An editorial correction to replace outdated language in clause 7.2 with language approved by the Board of Directors was issued in March 1999.

The edition of these procedures issued in January 2001 includes revisions approved by the NPC through September 2000. The revisions include: elimination of text that duplicates requirements contained in the *ANSI Procedures for the Development and Coordination of American National Standards*; and the inclusion of an option to establish an appeals panel to function on behalf of the full BSR, should the BSR wish to implement such an option.

The edition of these procedures issued in January 2003 includes a clarification to the appeals process that explicitly states that extension requests are an option for both parties to an appeal. In addition, references to the *ANSI Procedures for the Development and Coordination of American National Standards* are replaced with references to the *ANSI Essential Requirements: Due process requirements for American National Standards*, which replaces the former document as of January 2003. The 2005 edition includes a clarification to the appeals process. The 2007 edition includes a clarification concerning the BSR's numerical voting requirements. The 2009 edition includes an updated conflict of interest provision. The 2017 edition includes an updated appeals process.

Commented [AC1]: Update and edit for January 2020 edition

Operating Procedures of the ANSI Board of Standards Review

1 Responsibilities and Functions

The ANSI Board of Standards Review (BSR) shall have the exclusive authority to render decisions with regard to issues it is charged to oversee, subject only to any possible further appeal pursuant to the applicable appeals procedures.

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Except in the case of ANSI Audited Designators, the ANSI Board of Standards Review (BSR), a Program Oversight Committee, shall be responsible for the approval and withdrawal of American National Standards, and for such other duties that may be delegated to it by the Board. The functions of the BSR shall include, but not be limited to, determining whether standards submitted to ANSI for approval or withdrawal as American National Standards meet the requirements of the ANSI Essential Requirements: Due process requirements for American National Standards (Essential Requirements) and acting on requests for approval, reaffirmation, revision and withdrawal of American National Standards, including appeals of such decisions.

Commented [AC2]: The text shown is excerpted from the 2020 ANSI By-Laws.

2 Membership Rights

The requirements for membership and the officers of the BSR are provided in the ANSI By-Laws. The members of the BSR shall, in that capacity, act as fiduciaries to ANSI and shall act in the best interest of ANSI. The members of the BSR shall also abide by ANSI's Conflict of Interest and Related Party Transaction Policy, as well as, the ANSI Code of Conduct. The BSR shall operate in accordance with Operating Procedures approved by the Executive Committee of the ANSI Board of Directors ("Board Executive Committee").

Deleted: The BSR shall be responsible for approval and withdrawal of American National Standards and for other responsibilities that may be delegated to it by the Board of Directors.

Except as otherwise delegated by the ANSI Board of Directors, members of the BSR shall be nominated by BSR voting members and appointed by the Chair of the ANSI Board of Directors, with the approval of the ANSI Board of Directors. In making these appointments, the Chair of the Board shall endeavor to ensure representation of all membership categories concerned with the activities of the BSR.

Deleted: The responsibilities of the BSR shall include, but not be limited to:¶

The BSR shall strive for a membership of between nine and eighteen members. Membership in ANSI by the entity with which the Member is affiliated shall be a prerequisite for participation in the BSR unless the Board Executive Committee specifically permits otherwise. Membership in the BSR, however, shall be by the individual, not the entity with which such person is affiliated.

¶ implementing procedures for the approval and withdrawal of standards as American National Standards and adjudicating questions or conflicts that develop in the standards approval procedures;¶
 as appropriate, administratively approving standards that (i) have been submitted by accredited standards developers that have certified compliance with ANSI- approved accredited procedures and (ii) have no unresolved objections thereto; and¶
 determining whether standards with unresolved objections on record that are submitted to the Institute for approval or withdrawal as American National Standards meet the requirements of the Institute, and acting on all requests for approval, reaffirmation, revision and withdrawal of American National Standards.¶

Except as may be extended by the Board, each new member appointment shall be for a term of three full years with no person serving more than three full consecutive terms.

¶ The BSR shall not be responsible for, and these Procedures shall not govern, the approval, revision, reaffirmation, or withdrawal of an American National Standard that has been approved by an Audited Designator.

A staff member of ANSI designated by the President shall serve as a non-voting secretary of the BSR.

Commented [AC3]: Although shown as new text, some of this text existed in another form in the prior edition of these procedures. In addition, some of the text shown is excerpted from the 2020 By-Laws.

The principal qualifications for membership shall be competence and the ability to render impartial judgment in the approval or withdrawal of American National Standards, based on consideration of evidence of meeting criteria set forth in these procedures.

Deleted: The functions, duties, and responsibilities of the BSR shall be further defined in these operating procedures.¶

Deleted: and Officers

2.2 Member Participation

Each member of the BSR shall exercise his or her voting responsibility within such prescribed time limits as may be established. When a member fails repeatedly to return ballots before the close of the ballot period, or to attend meetings, the secretary shall place the matter before the BSR. The BSR may request the Chair of the ANSI Board of Directors to remove such an individual from his or her assignment.

Deleted: 2.1 Membership¶

Deleted: A staff member of ANSI designated by the President

2.3 Officers

The officers of the BSR shall be a Chair and Vice-Chair. The Chair of the ANSI Board of Directors shall appoint

Deleted: The BSR shall be composed of not less than nine nor more than eighteen members. Vacancies in membership shall be filled for the remainder of the term by the chair, with the approval of the Board of Directors.¶

¶ The members of the BSR shall serve as individuals, not as members or representatives of any organization.

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the Chair of the BSR subject to approval by the ANSI Board of Directors. The BSR Chair and Vice Chair shall serve for a term of two years and shall be eligible to serve for a maximum of two full consecutive two-year terms. Except as may be extended by the Board, each appointment of a member to the ExSC shall be for a term of three full years with no person serving more than three full consecutive terms.

In the event of the absence of the Chair, the Vice-Chair shall act in their stead.

2.4 Nominations and Elections

Recommendations for BSR membership shall be open to any reasonable source. Recommendations may be requested from appropriate ANSI committees, forums and advisory groups. All recommendations shall be referred to the BSR Nominating Committee for consideration.

The Chair of the BSR shall appoint, before February 1 of each year, a Nominating Committee of not less than three (3) members from among the members of the BSR to serve until December 31. By majority vote, on or before September 15 of each year, this committee shall nominate the following:

- a) Candidates to serve as Chair and Vice-Chair of the BSR if the current Chair or Vice Chair term is due to expire; and
- b) Members of the BSR (to fill vacancies and expired terms)

By October 1 of each year, the Secretary of the BSR shall forward to the members of the BSR the report of the Nominating Committee. Other nominations may be made to the Institute by petition, signed by at least five (5) members of the BSR, prior to September 1 of each year. Thereafter, the Secretary of the BSR shall mail to each member of the BSR a ballot containing the names of all nominees, those submitted by the Nominating Committee being so indicated. All ballots returned to the Institute by the closing date, shall be counted, and the names of the nominees receiving a plurality of the votes cast shall be submitted to the Board Executive Committee for final appointment.

3 Meetings

The Chair of the BSR shall call meetings as is necessary to conduct the business of the BSR, including hearings.

4 Approval and withdrawal of American National Standards

Approval of standards as American National Standards is delegated to the BSR by the ANSI Board of Directors. The criteria for approval and withdrawal of American National Standards are provided in the *ANSI Essential Requirements: Due process requirements for American National Standards (ANSI Essential Requirements.)*

Notice of the BSR's final action on all standards shall be published in *Standards Action*.

5 Voting requirements

5.1 Actions on the Approval or Withdrawal of American National Standards

Except as otherwise provided for in these procedures, actions on the approval or withdrawal of American National Standards shall require an affirmative vote by letter ballot or at a meeting of at least two-thirds of the BSR members voting or present, after first excluding both abstentions and negative votes submitted via letter ballot without any explanatory comments provided that the number of BSR members voting, excluding abstentions, is at least a majority of the Board. An abstention shall be required when a member is associated with a standard in such a way as to introduce the possibility of conflict of interest. Otherwise, all BSR members are required to return affirmative or negative ballots.

5.2 Negative Votes and Recirculation

Negative votes submitted via letter ballot shall be accompanied by explanatory comments. Any negative vote that is not accompanied by explanatory comments shall be treated in the same manner as an abstention.

Deleted: The officers of the BSR shall be a chair and vice-chair who shall each serve for a term of one calendar year or until a successor takes office. Each officer shall be eligible for reelection, but he/she may serve not more than three consecutive terms.¶

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Prior to a letter ballot closing, all negative votes with explanatory comments shall either be (a) circulated to the BSR via letter ballot (the "recirculation ballot") or (b) discussed at the next regularly scheduled BSR meeting if such meeting is within two weeks of the date on which the recirculation ballot would have been distributed. The purpose of the recirculation ballot or the discussion at the meeting is to give the BSR members an opportunity to review the comments accompanying any negative votes and change their vote if they deem it appropriate before the letter ballot is closed.

If the final result of a recirculation ballot would be the disapproval of a standard, the ballot will remain open through the next BSR meeting at which time a discussion of the negative votes with comments shall be held. BSR members present at the meeting shall cast the final vote.

5.3 Conflict of Interest

In addition to complying with ANSI's Conflict of Interest Policy, a member of the BSR shall act at all times in a manner that promotes confidence in the integrity and impartiality of ANSI's processes and procedures and should avoid a conflict of interest or the appearance of a conflict of interest in connection with all BSR activities. A conflict of interest can arise from involvement by a BSR member with the subject matter of a dispute under consideration by the BSR or from any relationship between the BSR member and a party to an action before the BSR, whether past or present, that reasonably raises a question of a BSR member's impartiality.

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Typically a potential conflict of interest arises when a member of the BSR participated in the development of the standard under review or that person is employed by, or a member of the governing body of, the relevant standards developer. Similarly, a conflict of interest usually does not exist by virtue of the fact that a member of the BSR participated in the development of other standards by the same standards developer or is a member of that standards developer.

If a materially affected party (such as a standards developer or a possible appellant) asserts that it believes that a member of the BSR has a conflict of interest, that materially affected party is required to state the reason(s) for its belief. That information shall then be forwarded to the member of the BSR identified as having a possible conflict for that person's response. If that committee member disagrees with the assertion, then the Chair of the BSR shall make a final determination as to whether a conflict of interest exists.

Members of the BSR who are disqualified from a particular discussion shall not participate in the deliberations or decisions.

5.4 Request to Discuss a Letter Ballot at a Meeting

Any BSR member may request that a letter ballot be discussed at the next Board meeting provided that he or she casts a ballot and plans to attend and participate in the discussion. A request to discuss a letter ballot at a meeting shall not cause the letter ballot to remain open unless the letter ballot satisfies the relevant criteria in section 5.2 above.

5.5 Actions of the BSR Requiring Less Than a 2/3 Vote and Quorum

Unless otherwise specified, actions of the BSR that do not involve the approval or withdrawal of American National Standards shall require an affirmative vote of:

- a majority of those voting at a meeting at which a quorum is present; or
- a majority of those voting by letter ballot, excluding not returned letter ballots, provided that a majority of the BSR-members return affirmative or negative ballots.

A quorum at a meeting shall consist of the presence of a majority of the members.

6 Public Review Listing in Standards Action and Formal Submittal Processing

Proposals for new American National Standards and proposals to revise, reaffirm, or withdraw approval of existing American National Standards shall be transmitted to the secretary of the BSR for listing in *Standards Action* in order to provide an opportunity for public comment.

Such a listing may be requested at any stage in the development of the proposal at the option of the standards developer and may be concurrent with the final balloting.

6.1 Staff responsibilities: public review announcements

The secretary of the BSR shall, within twenty (20) working days of receipt of the request, process a BSR-8 submittal to initiate a public comment period in *Standards Action*.

6.2 Staff responsibilities: processing formal standard submittals

When a proposal is submitted to the secretary of the BSR for approval, the secretary shall complete the following steps:

- a) determine whether objections have been filed and/or reported in accordance with the submitter's accredited procedures;
- b) if no objections to the standard have been filed and the developer has submitted the requisite certification, the BSR may administratively approve the standard and so notify the accredited developer within 10 business days; or
- c) if outstanding objections are reported or on file, within 20 working days after receipt of the submittal, determine whether sufficient evidence of compliance with clause 4 has been provided for BSR consideration and decision;
- d) if evidence of compliance with clause 4 is incomplete, request that the submitter provide the necessary information as promptly as possible.

6.3 Notification of approval

When a proposal is approved by the BSR, the secretary of the BSR shall notify:

- a) the submitter; and
- b) those (if any) on record at ANSI who have objected to approval by ANSI and who have completed the appeals process at the developer level.

Notice of action on approval shall also be published in *Standards Action* and the standard shall be listed in the *Catalog of American National Standards*.

6.4 Notification of denial of approval

When approval of a proposal is denied by the BSR, the secretary of the BSR shall notify:

- a) the submitter; and
- b) those (if any) on record at ANSI who have objected to approval by ANSI and who have completed the appeals process at the developer level.

Notice that the proposal was not approved shall be published in *Standards Action*.

7 Appeal of action on American National Standards

7.1 Right to appeal

All directly and materially affected persons¹ who completed the appeals process at the standards developer level and whose position is included in the BSR documentation may appeal to the BSR a prior BSR decision regarding the approval or withdrawal of an American National Standard. The appeal shall be based on procedural criteria (see clause 4). The BSR will not render decisions on the relative merits of technical matters, but it shall consider whether due process was afforded technical concerns. The burden of persuasion shall rest with the appellant.

The BSR may also hear appeals remanded or referred to the BSR by the ANSI Appeals Board. Pending a decision by the BSR, the original decision of the BSR shall remain in effect unless the BSR determines otherwise. No party to an appeal may communicate with any unrecused member of the ANSI BSR on the subject of the appeal while the matter is pending. All communications shall be directed to the secretary of the ANSI BSR.

¹ "Persons" includes organizations, companies, government agencies, individuals etc.

Commented [AC4]: Revisions approved by the ExSC to be submitted to the NPC in November 2019, not displayed in this document.

7.2 Appeal

All appeals shall be made in writing. Appeals and the required filing fee shall be directed to the secretary of the ANSI BSR on or before midnight Eastern time of the due date. The filing fee may be waived or reduced only upon sufficient evidence of hardship.

The appeal shall be comprised of a brief statement of the matter and the reason(s) why the appellant believes the decision is in error. Specifically, the appeal should include as appropriate:

- a) a copy of the decision from which the appeal is taken;
- b) an explanation of the issue and the procedural history;
- c) arguments that explain why appellant believes the decision was in error;
- d) references to the provision(s) of the ANSI procedures upon which appellant relies;
- e) relevant evidence that directly supports appellant's position and upon which appellant relies; and
- f) the specific relief sought by appellant from the BSR.

The brief appeal statement (exclusive of exhibits) shall not be more than 30 pages, double-spaced, 12 point font or larger. The secretary of the BSR shall have discretion to extend this limit for good cause shown.

Unless otherwise instructed by the secretary of the BSR, the appeal shall be sent via electronic means (with one complete hard copy mailed to ANSI) within fifteen (15) working days following the date of the decision that is the subject of the appeal. If the appellant is unable to provide the required appeals materials within the fifteen (15) working day deadline, an extension may be requested, with the grounds for such request noted. Such request must be directed to the secretary of the BSR, within the fifteen (15) working day deadline or the appellant shall forfeit the right to appeal. No supplemental filing prior to the forthcoming hearing shall be permitted without a showing of good cause.

7.3 Response

The appeal shall be distributed by the secretary of the BSR to the potential respondent (the party who must respond to the appeal) to allow them the opportunity to respond, if they so desire. Thereafter, this party shall have fifteen (15) working days to submit their response to the appeal on or before midnight Eastern time of the due date.

The response shall include:

- a) the reasons why respondent believes the decision under appeal was correct and a reference to the provisions in the ANSI procedures upon which the respondent relies; and
- b) relevant evidence that directly supports respondent's position and upon which respondent relies.

The brief response (exclusive of exhibits) shall not be more than 30 pages, double-spaced, 12 point font or larger. The secretary of the BSR shall have discretion to extend this limit for good cause shown.

The response shall be distributed by the secretary of the BSR to BSR members, subject to applicable conflict of interest procedures, and to the appellant. No supplemental filing prior to the forthcoming hearing shall be permitted without a showing of good cause.

If the respondent is unable to provide the required response within fifteen (15) working days, an extension may be requested, with the grounds for such noted. Such request must be directed to the secretary of the BSR within the fifteen (15) working day deadline or the respondent shall forfeit the right to respond. Extensions of time to submit a response may be granted at the discretion of the Chair of the BSR, or, if the Chair is unavailable, the Vice Chair of the BSR or the secretary of the BSR.

7.4 Letters of support by non-parties to the appeal

A person or organization that is not a party to the appeal may submit a letter of support for a position taken by the appellant or respondent to the appeal by contacting that party and requesting that such a letter be included in that party's formal appeals brief or response. Such party-supporting letters shall be clearly

marked as such, may not include new evidence, may not exceed three single-space pages in length, 12 point font or larger, and may address procedural issues only. Letters not meeting the requirements of this section will not be accepted without the approval of the BSR Chair or Vice Chair. Submitters of such letters do not have any special standing with respect to ANSI's appeals processes, are not considered parties to the appeal and do not have the right to address the adjudicating body at the hearing on the matter.

7.5 Hearing

The secretary of the BSR shall establish a panel consisting of at least five BSR members to hear the appeal, subject to applicable conflict of interest procedures. If five members of the BSR are not available to serve on the panel, the Chair or the Vice Chair of the BSR may appoint one or more additional panel members who shall be persons knowledgeable about the *ANSI Essential Requirements: Due process requirements for American National Standards (ANSI Essential Requirements)* and the standards development process. Such appointment(s) of non-BSR members shall be with the concurrence of all parties to the appeal. A majority of the members of the panel shall be members of the BSR.

A hearing date for an appeal shall be set by the secretary of the BSR after consultation with the Chair. However, a later date may be scheduled if mutually agreeable to the participants in the hearing. All parties shall be given at least fifteen (15) working days notice of the hearing date. BSR panel members shall receive copies of the appeals record at least fifteen (15) working days prior to the date of the appeals hearing. The name and affiliation of all speakers and any observers must be provided to the secretary of the BSR in advance of the hearing.

At the hearing, the appellant's position shall be presented first, followed by the respondent. Each side is then allowed to respond until their total allotted time is exhausted. A half hour total, for the initial presentation and subsequent responses, is allotted for each side, with a limit of three speakers per side. Additional time is allotted for a question and answer session directed by the panel. At the hearing, speakers are not permitted to make assertions about facts or issues not in the record. The hearing may not be recorded in any way. At the close of the question and answer period, the appeals panel shall go into executive (closed) session for the purpose of arriving at a decision.

Should any party at interest not be present at the hearing, the decision of the BSR panel shall be based on the presentations made by the parties that are present at the hearing in addition to the written submissions on record.

7.6 Decision

Decisions of BSR panels shall require a majority vote of the panel, shall represent the decision of the BSR, and shall be provided to all BSR members for their information. Notice of a decision reached by the BSR appeals panel shall be sent by the secretary to the parties within fifteen (15) working days unless an extension is authorized by the Chair of the BSR, or, if the Chair is unavailable, by the Vice Chair of the BSR. The decision shall specify the outcome of the appeal, and shall be accompanied by an explanation of the reasons for such outcome, and the specific relief granted, if any. The outcome of the appeal shall be announced in *Standards Action*.

7.7 Accessibility of documentation and decisions

A copy of the record on appeal (*i.e.*, appeals-related documents submitted by the parties to the appeal for consideration by the BSR, including party-supporting letters) shall be made available to any directly and materially affected person upon request. The costs associated with providing such documents shall be borne by the person seeking them.

7.8 Appeal of BSR actions

In accordance with the *ANSI Appeals Board Operating Procedures*, an appeal from a final appeals decision of the BSR may be filed with the Appeals Board by the appellant or respondent to the BSR appeal at issue.

8 Informal settlement

ANSI encourages settlement of disputes at any time if the settlement is consistent with the objectives of the *ANSI Essential Requirements*. Any settlement (to which the parties agree in writing) that is consistent with these procedures, or an agreement to withdraw the appeal, will terminate the appeal process. If the settlement leads to a substantive change in the standard, the change must be processed in accordance with the *ANSI Essential*

Requirements.

9 Written report

The BSR shall present a written report of its activities to the Board of Directors from time to time and at least once a year.

10 Amendments

The ~~Board Executive Committee~~ may make changes to these operating procedures at any time after consultation with or upon recommendation of the BSR and the ExSC.

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ExSC_130_2019

DRAFT: October 11, 2019 SA

ANSI Appeals Board Operating Procedures

Edition: January 2020

Deleted: May 2017

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To propose changes to this document for consideration and approval by the ANSI Executive Standards Council and the ~~Executive Committee of the ANSI Board of Directors~~, please submit the specific proposal in ~~strikethrough~~ underline format with a rationale to psa@ansi.org.

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10 VOTING	5	Deleted: 6
11 APPEALS PROCESS	5	Deleted: 6
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ANSI Appeals Board Operating Procedures

1 Authority and scope

There is established an ANSI Appeals Board, that reports to the Executive Committee of the ANSI Board of Directors ("Executive Committee"), to consider and decide all final appeals in accordance with procedures approved by the Executive Committee. No appeal may be heard by the ANSI Appeals Board unless brought by: (i) directly and materially interested persons; (ii) who have been or will be adversely affected by the actions or inactions of another Committee of ANSI; and (iii) who have first exhausted all other appeals available under procedures established by ANSI.

These Operating Procedures set forth the rules of procedure governing the Appeals Board, and may be amended from time to time by the Executive Committee of the ANSI Board of Directors ("Board Executive Committee").

The Appeals Board shall consider appeals by directly and materially affected persons¹ that have exhausted all other appeals available to them through ANSI and who believe they have been, or will be, adversely affected by a decision of another Committee of ANSI, whether in the form of action or inaction, in the implementation of the following ANSI procedures:

- ANSI Auditing Policy and Procedures
- ANSI Essential Requirements: Due process requirements for American National Standards
- ANSI Procedures for the National Adoption of ISO and IEC Standards as American National Standards
- ANSI Procedures for U.S. Participation in the International Standards Activities of the ISO, including Annex B, Criteria for the Development and Coordination of U.S. Positions in the International Standardization Activities of the ISO and IEC
- Operating Procedures of the ANSI Board of Standards Review (BSR)
- Operating Procedures of the ANSI Executive Standards Council (ExSC)
- United States National Committee (USNC) of the International Electrotechnical Commission (IEC) Rules of Procedure

The Appeals Board shall consider an appeal based on the evidence before the body of ANSI that rendered the decision from which the appeal is taken (e.g., ANSI Board of Standards Review, ANSI Executive Standards Council). The burden of persuasion shall rest with the appellant. Pending a decision by the Appeals Board, the decision from which the appeal is taken shall remain in effect, unless the Appeals Board expressly determines otherwise.

2 Membership

The Appeals Board shall have a membership of not less than nine nor more than eighteen members appointed by the Chair of the Board of ANSI, with the approval of the Board of Directors. Membership in the Institute shall be a prerequisite for participation on the Appeals Board, unless, the Board of Directors specifically permits an exception. The members shall be chosen to broadly reflect the various categories of ANSI membership, to the extent practicable. Its members shall abide by the ANSI Conflict of Interest Policy and Code of Conduct. The resident counsel of ANSI, or in his or her absence, outside ANSI counsel, shall be a non-voting, ex-officio member of the Appeals Board.

3 Terms of membership

Terms shall be staggered so that approximately one-third of the membership of the Appeals Board is appointed each year. Except as extended by the Chair of the Board of ANSI, members shall be appointed for a term of three years commencing on January 1, and shall be eligible for reappointment for two additional 3-year terms, for a total of three consecutive terms. A member of the Appeals Board may serve beyond the normal three-term limitation if the member is serving as chair, provided the term of chair is contiguous with the nine-year tenure as a member. The total maximum length of service under such circumstances would be twelve years.

¹"Persons" includes organizations, companies, government agencies, individuals etc.

Commented [AC1]: Additional revisions approved by the ExSC to be submitted to the NPC in November 2019, not displayed in this version.

Deleted: Authority to establish an appeals mechanism rests with the Board of Directors of the American National Standards Institute (ANSI) as provided in the Constitution and By-laws of ANSI. The Board of Directors has determined that the Appeals Board shall be the final level of appeal within ANSI. ¶

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 CFP-PL-801 Accreditation Policy for ANSI-CFP Accreditation Program¶
 GHG-PL-701 Accreditation Policy for ANSI Greenhouse Gas Validation / Verification Body Accreditation Program¶
 PCAC-PL-501 Accreditation Policy for Personnel Certification Accreditation Program¶
 PRO-PL-102 Manual of Operations for Accreditation of Product Certification Programs¶
 PRO-PR-106 Identification of Non-Conformities and Implementation of Corrective and Preventive Actions by Accredited and Applicant CBs¶

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4 Qualifications

Members shall have experience in, and be knowledgeable about, the ANSI procedures and the voluntary standards system in general and shall be chosen, to the extent practicable, so as to broadly reflect the various categories of ANSI membership.

5 Vacancies

A vacancy in the membership of the Appeals Board shall be filled for the remainder of the term by an individual appointed by the Chair of the Board of Directors of ANSI.

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6 Officers

The officers of the Appeals Board shall include a Chair, who shall serve for a term of one year. The Chair of the ANSI Board of Directors shall appoint the Chair of the Appeals Board subject to approval by the Board of Directors. The Chair shall be eligible for reelection for a maximum of three consecutive terms. A non-voting secretary of the Appeals Board shall be appointed by the President of ANSI.

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The Chair of the Appeals Board shall appoint, before September 1 of the year in which an election is to be held, a nominating committee of not less than three persons from among the members of the Appeals Board. This committee shall nominate, on or before October 1 of the same year, a candidate to serve as Chair of the Appeals Board. On or about October 1 of each year, the secretary of the Appeals Board shall forward to the members of the Appeals Board the report of the nominating committee. Other nominations may be made to ANSI by petition, signed by at least five members of the Appeals Board, prior to November 1. By November 15, the secretary of the Appeals Board shall mail to each member of the Board a ballot containing the names of all nominees, with those submitted by the nominating committee being so indicated. The member receiving a plurality of the votes cast by December 1 shall be declared the elected Chair.

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7 Duties of members

Each member of the Appeals Board shall consider and respond to matters placed before the Appeals Board in a manner consistent with these procedures and the ANSI procedures. Members of the Appeals Board that have a poor record of performance in these duties shall be subject to removal by the Chair of the Board of Directors upon consent of the Board of Directors.

Deleted: chairperson

The Appeals Board members are the members themselves, not the entity with which they are affiliated. Serving in such capacity, its members act as fiduciaries to ANSI and are required to act in the best interest of ANSI. The voting members of the AIC also are required to abide by ANSI's Conflict of Interest and Related Party Transaction Policy, as well as the ANSI Code of Conduct. The Appeals Board shall operate in accordance with Operating Procedures approved by the Executive Committee of the ANSI Board of Directors.

8 Conflict of interest

In addition to complying with ANSI's Conflict of Interest Policy, a member of the ANSI Appeals Board shall act at all times in a manner that promotes confidence in the integrity and impartiality of ANSI's processes and procedures and should avoid a conflict of interest or the appearance of a conflict of interest in connection with all ANSI Appeals Board activities. A conflict of interest can arise from involvement by an ANSI Appeals Board member with the subject matter of a dispute under consideration by the ANSI Appeals Board or from any relationship between the ANSI Appeals Board member and a party to an action before the ANSI Appeals Board, whether past or present, that reasonably raises a question of an Appeals Board member's impartiality.

Deleted: A

Typically a potential conflict of interest arises when a member of the ANSI Appeals Board participated in activities integral to the particular issue under review or that person is employed by, or a member of the governing body of, the relevant standards developer or other entity as applicable. Similarly, a conflict of interest usually does not exist by virtue of the fact that a member of the ANSI Appeals Board participated in the development of standards by a particular standards developer or is a member of that standards developer.

If a materially affected party (such as a standards developer or a possible appellant) asserts that it believes that a member of the ANSI Appeals Board has a conflict of interest, that materially affected party is required to state the reason(s) for its belief. That information shall then be forwarded to the member of the ANSI Appeals Board identified as having a possible conflict for that person's response. If that committee member disagrees with the

assertion, then the Chairman of the ANSI Appeals Board shall make a final determination as to whether a conflict of interest exists.

Members of the ANSI Appeals Board who are disqualified from a particular discussion shall not participate in the deliberations or decisions.

9 Meetings and hearings

Meetings of the Appeals Board shall be called as necessary to conduct its business, including the holding of hearings on appeals. All appeals shall be heard by a panel composed of not less than five members of the Appeals Board. In the event that five members cannot be found to hear a particular appeal due to disqualifications or other reasons, the Chair of the Board shall appoint additional panel members who shall be persons experienced with and knowledgeable about the appeals process. Such appointments shall be with the concurrence of all parties to the appeal. ANSI's resident counsel or, in his or her absence, outside counsel, or both, shall be present at all appeal hearings. A quorum at a meeting in which an appeals hearing is not held shall consist of the presence of a majority of members. If a quorum is not present at any meeting where business other than an appeals hearing is considered, copies of all written information given to members attending the meeting and the recommendations of those members present shall be submitted to qualified members not attending, inviting their votes by letter ballot.

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All hearings shall be open to representatives of directly and materially affected persons, except that the number of representatives of any one interest group may be limited at the discretion of the Chair. The Appeals Board may call an executive session before, during the course of, or following an appeal hearing to consider its action on a specific appeal.

Deleted: chairperson

10 Voting

At an appeals hearing, decisions of the Appeals Board shall be based on a majority vote of all members in attendance. At a meeting in which an appeals hearing is not held, where a quorum exists, decisions of the Appeals Board shall be based on a majority vote of all members in attendance. If a quorum does not exist at a meeting or hearing, the Appeals Board decision shall be based on a majority vote which includes all qualified members at the meeting, together with the vote of qualified members not present at the hearing, taken by letter ballot.

Deleted: On questions of parliamentary procedure not covered herein, *Robert's Rules of Order* (latest edition) shall prevail.¶

To determine the existence of a prima facie case, the decision shall be based on a majority vote of the Appeals Board members, not counting abstentions.

11 Appeals process

11.1 Appeal

All appeals shall be made in writing. Appeals and the required filing fee shall be directed to the secretary of the Appeals Board on or before midnight Eastern time of the due date. The filing fee may be waived or reduced only upon sufficient evidence of hardship. Except in a matter involving extraordinary circumstances, the Appeals Board shall only consider an appeal from a final decision of the ANSI body from which the appeal is taken. A refusal by an ANSI body to decide a matter within its jurisdiction, or undue delay by such body in reaching a decision, shall constitute "extraordinary circumstances."

Commented [AC2]: Revisions approved by the ExSC to sections 11-16 pending NPC approval in November 2019, not displayed here.

The appeal shall be comprised of a brief statement of the matter and the reason(s) why the appellant believes the decision is in error. Specifically, the appeal should include as appropriate:

- a) a copy of the decision from which the appeal is taken;
- b) an explanation of the issue and the procedural history;
- c) arguments that explain why appellant believes the decision was in error;
- d) references to the provision(s) of the ANSI procedures upon which appellant relies;

- e) relevant evidence that directly supports appellant's position and upon which appellant relies¹; and
- f) the specific relief sought by appellant from the Appeals Board.

The brief appeal statement (exclusive of exhibits) shall not be more than 30 pages, double-spaced, 12 point font or larger. The secretary of the Appeals Board shall have discretion to extend this limit for good cause shown.

Unless otherwise instructed by the secretary of the Appeals Board, the appeal shall be sent via electronic means (with one complete hard copy mailed to ANSI) within fifteen (15) working days following receipt by the appellant of the final decision that is the subject of the appeal. If the appellant is unable to provide the required appeals materials within the fifteen (15) working day deadline, an extension may be requested, with the grounds for such request noted. Such request must be directed to the secretary of the Appeals Board within the fifteen (15) working day deadline or the appellant shall forfeit the right to appeal. Extensions of time to submit an appeal statement may be granted at the discretion of the Chair of the Appeals Board, or, if the Chair is unavailable, the secretary of the Appeals Board.

The appeal filed with the Appeals Board, together with the record of the appeal before the body of ANSI that rendered the decision from which the appeal is taken, shall be distributed by letter ballot by the secretary of the Appeals Board to Appeals Board members, subject to applicable conflict of interest procedures, and to the parties to the decision under appeal for their information. No party to an appeal may communicate with any unrecused member of the Appeals Board on the subject of the appeal while the matter is pending. All communications shall be directed to the secretary of the ANSI Appeals Board.

11.2 Appeals Board initial review

The Appeals Board shall determine by letter ballot whether the appellant has established a *prima facie* case that the decision appealed from was clearly erroneous. If the Appeals Board determines that a *prima facie* case has not been established, the secretary will so notify the appellant and the parties to the decision under appeal, in writing and the appeal will be dismissed thereby exhausting all appeals available through ANSI.

If the Appeals Board determines that a *prima facie* case has been established, it may either remand the matter for further consideration by the ANSI body from which the appeal was taken or set a date for a hearing at which further arguments will be received. If the Appeals Board chooses to set a hearing, the secretary of the Appeals Board will so notify all parties to the appeal that a hearing will be scheduled. No supplemental filing by the appellant prior to the forthcoming hearing shall be permitted without a showing of good cause and the express permission of the Appeals Board Chair.

11.3 Response

If the respondent (the party who must respond to the appeal) receives an Appeals Board determination that a *prima facie* case has been established and that a hearing will be scheduled, the respondent shall have fifteen (15) working days to submit a brief statement in response to the appeal on or before midnight Eastern time of the due date. Unless otherwise instructed by the secretary of the Appeals Board, the response shall be sent via electronic means (with one complete hard copy mailed to ANSI) within fifteen (15) working days following receipt by the respondent of the Appeals Board determination.

If the respondent is unable to provide the required response within fifteen (15) working days, an extension may be requested, with the grounds for such request noted. Such request must be directed to the secretary of the Appeals Board within the fifteen (15) working day deadline or the respondent shall forfeit the right to respond. Extensions of time to submit a response may be granted at the discretion of the Chair of the Appeals Board, or, if the Chair is unavailable, the secretary of the Appeals Board.

The response shall include:

- a) the reasons why respondent believes the decision under appeal was correct and a reference to the provisions in the ANSI procedures upon which the respondent relies; and

² If appropriate and persuasive evidence is presented that was not before the ANSI body that made the decision from which the appeal is taken, the Appeals Board may remand the case back to the ANSI body for review and determination of action to be taken. In such circumstances, the Appeals Board shall determine whether the decision being appealed shall remain in effect.

b) relevant evidence that directly supports respondent's position and upon which respondent relies.

The brief response (exclusive of exhibits) shall not be more than 30 pages, double-spaced, 12 point font or larger. The secretary of the Appeals Board shall have discretion to extend this limit for good cause shown.

The response shall be distributed by the secretary of the Appeals Board to Appeals Board members, subject to applicable conflict of interest procedures, and to the appellant. No supplemental filing prior to the forthcoming hearing shall be permitted without a showing of good cause.

Panel members shall receive copies of the appeals record at least fifteen (15) working days prior to the date of the appeals hearing.

11.4 Letters of support by non-parties to the appeal

If the Appeals Board determines that a *prima facie* case has been established and a hearing will be held, a person or organization that is not a party to the appeal may submit a letter of support for a position taken by the appellant or respondent to the appeal by contacting that party and requesting that such a letter be included in that party's formal appeals brief or response. Such party-supporting letters shall be clearly marked as such, may not include new evidence, may not exceed three single-space pages in length, 12 point font or larger, and may address procedural issues only. Letters not meeting the requirements of this section will not be accepted without the approval of the Appeals Board Chair. Submitters of such letters do not have any special standing with respect to ANSI's appeals processes, are not considered parties to the appeal and do not have the right to address the adjudicating body at the hearing on the matter.

11.5 Hearing

A hearing date for an appeal shall be set by the secretary of the Appeals Board after consultation with the Chair. However, a later date may be scheduled if mutually agreeable to the participants in the hearing. All parties shall be given at least fifteen (15) working days notice of the hearing date. The name and affiliation of all speakers and any observers must be provided to the secretary of the Appeals Board in advance of the hearing.

At the hearing, the appellant's position shall be presented first, followed by the respondent. Each side is then allowed to respond until their total allotted time is exhausted. A half hour total, for the initial presentation and subsequent responses, is allotted for each side, with a limit of three speakers per side. Additional time is allotted for a question and answer session directed by the panel. At the hearing, speakers are not permitted to make assertions about facts or issues not in the record. The hearing may not be recorded in any way. At the close of the question and answer period, the appeals panel shall go into executive (closed) session for the purpose of arriving at a decision.

Should any party at interest not be present at the hearing, the decision of the Appeals Board shall be based on the presentations made by the parties that are present at the hearing in addition to the written submissions on record.

12 Appeals Board Decisions in General

Decisions of Appeals Board panels shall require a majority vote of the panel, shall represent the decision of the Appeals Board, and shall be provided to all Appeals Board members for their information. Except as noted in Section 13, in deciding an appeal, the Appeals Board has a broad range of remedial options, including dismissing, affirming, reversing and/or remanding (in whole or in part) and will fashion an appropriate remedy depending upon its findings and the stage of the appeal.

A decision reached by an Appeals Board panel following an initial review (see section 11.2) and in response to a staff-issued Letter Ballot regarding whether a *prima facie* case has been made that the decision appealed from was clearly erroneous is ordinarily sent by the secretary to the parties within fifteen (15) working days of the close of the Letter Ballot. If the Appeals Board's finding is that no *prima facie* case has been established, the decision ordinarily states only that that a *prima facie* case has not been made by the appellant and that the appeal is dismissed. If the Appeals Board's finding is that a *prima facie* case has been established, the Appeals Board will either remand the case with instructions to the ANSI body that issued the decision from which the appeal is taken or set a date for a hearing.

A decision reached by an Appeals Board panel after an appeals hearing, is ordinarily sent by the secretary to the parties within fifteen (15) working days of the hearing. The decision specifies the outcome of the appeal, the reasons for such outcome, and the specific relief granted, if any.

The outcome of all decisions reached by Appeals Board panels shall be announced in *Standards Action*.

13 Reconsideration

Any party to an appeal for which a hearing was held may request reconsideration of an Appeals Board decision by sending a written request, not to exceed 10 pages in length, double-spaced, 12 point font or larger, to the secretary of the Appeals Board within ten (10) working days after notification of the Appeals Board decision. The opposing party will have ten (10) working days to file a reply, subject to the same page and format restrictions. The secretary of the Appeals Board shall have discretion to extend this limit for good cause shown.

The Appeals Board may entertain a request for reconsideration based upon claims of a mistake, oversight or error in the decision or any other like reason justifying relief from the implementation of the decision.

Once a decision on reconsideration is issued, no further requests for reconsideration will be accepted.

14 Accessibility of documentation and decisions

A copy of the record on appeal (*i.e.*, the appeals-related documents submitted by the parties to the appeal for consideration by the Appeals Board including party-supporting letters) shall be made available to any directly and materially affected person upon request. The costs associated with providing such documents shall be borne by the person seeking them.

15 Informal settlement

ANSI encourages settlement of disputes at any time if the settlement is consistent with the objectives of the ANSI procedures. Any settlement (to which the parties agree in writing) that is consistent with ANSI procedures, or an agreement to withdraw the appeal, will terminate the appeals process. If the settlement leads to a substantive change in a standard, the change shall be processed in accordance with the *ANSI Essential Requirements: Due process requirements for American National Standards*.

16 Amendments

The Board Executive Committee may make changes to these operating procedures at any time after consultation with or upon recommendation of the Appeals Board and the Executive Standards Council.

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