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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](mailto:psa@ansi.org)

\* Standard for consumer products

## Comment Deadline: July 10, 2016

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

#### Addenda

BSR/ASHRAE/ASHE Addendum 170j-201x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)

This proposed addendum describes the allowable types of air distribution devices, since the current edition of the referenced document no longer includes the Group definitions.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Online Comment Database at <http://www.ashrae.org/standards-research--technology/public-review-drafts>

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

#### Addenda

BSR/ASHRAE/ASHE Addendum 170k-201x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)

This proposed addendum clarifies the requirements for Electro-Convulsive Therapy (ECT) Rooms. While these rooms are often referred to as "procedure" rooms, they are not used to perform the procedures typically performed in Procedure Rooms.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Online Comment Database at <http://www.ashrae.org/standards-research--technology/public-review-drafts>

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

#### Addenda

BSR/ASHRAE/ASHE Addendum 170m-201x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)

This addendum proposes an alternate form of providing humidification. It also includes a reorganization of Section 6.6 (Humidifiers) for clarity.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Online Comment Database at <http://www.ashrae.org/standards-research--technology/public-review-drafts>

### EOS/ESD (ESD Association, Inc.)

#### Revision

BSR/ESD S20.20-201x, ESD Association Standard for the Development of an Electrostatic Discharge Control Program for Protection of Electrical and Electronic Parts, Assemblies and Equipment (Excluding Electrically Initiated Explosive Devices) (revision of ANSI/ESD S20.20-2014)

This document applies to activities that manufacture, process, assemble, install, package, label, service, test, inspect, transport or otherwise handle electrical or electronic parts, assemblies and equipment susceptible to damage by electrostatic discharges greater than or equal to 100 volts HBM, 200 volts CDM, and 35 volts on isolated conductors. Activities that handle items that are susceptible to lower withstand voltages may require additional control elements or adjusted limits. Processes designed to handle items that have an ESD sensitivity to lower withstand voltages can still claim compliance to this standard.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Christina Earl, (315) 339-6937, [cearl@esda.org](mailto:cearl@esda.org)

### NSF (NSF International)

#### Revision

BSR/NSF 4-201x (i21r4), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2014)

Equipment covered by this Standard includes, but is not limited to, ranges, ovens, fat/oil fryers, fat/oil filters, griddles, tilting griddle skillets, broilers, steam and pressure cookers, kettles, rotisseries, toasters, coffee makers and other hot beverage makers, component water heating equipment, proofing boxes and cabinets, hot food holding equipment, rethermalization equipment, and hot food transport cabinets.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Allan Rose, (734) 827-3817, [arose@nsf.org](mailto:arose@nsf.org)

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 147B-201x, Standard for Safety for Nonrefillable (Disposable) Type Metal Container Assemblies for Butane (revision of ANSI/UL 147B-2008 (R2013))

The following topics are being proposed: (1) Revise construction requirements for pressure vessel and (2) Update requirements for protective coatings.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Marcia Kawate, Marcia.M.Kawate@ul.com

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 1042-201x, Standard for Safety for Electric Baseboard Heating Equipment (revision of ANSI/UL 1042-2014)

(1) Clarification of requirements for heating elements.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Amy Walker, (847) 664-2023, [Amy.K.Walker@ul.com](mailto:Amy.K.Walker@ul.com)

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 1278-201x, Standard for Safety for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278-2016)

(1) Clarification of alarms; (2) Clarification of the static load test for hanging means; (3) Clarification of requirements for heating element; (4) UL 1278 editorial corrections.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Amy Walker, (847) 664-2023, [Amy.K.Walker@ul.com](mailto:Amy.K.Walker@ul.com)

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 2021-201x, Standard for Safety for Fixed and Location-Dedicated Electric Room Heaters (revision of ANSI/UL 2021-2015)

(1) Clarification of requirements for heating elements.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Amy Walker, (847) 664-2023, [Amy.K.Walker@ul.com](mailto:Amy.K.Walker@ul.com)

## Comment Deadline: July 25, 2016

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

#### Addenda

BSR/ASHRAE/ASHE Addendum 170i-201x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)

This proposed addendum allows reduction of required air change rates when certain rooms are not occupied. It is anticipated that this will allow a reduction in energy costs for health care facilities.

Single copy price: \$35.00

Obtain an electronic copy from: Free download at <http://www.ashrae.org/standards-research--technology/public-review-drafts>

Order from: Send request to [standards.section@ashrae.org](mailto:standards.section@ashrae.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Online Comment Database at <http://www.ashrae.org/standards-research--technology/public-review-drafts>

### ASME (American Society of Mechanical Engineers)

#### Revision

BSR/ASME B16.24-201x, Cast Copper Alloy Pipe Flanges, Flanged Fittings, and Valves: Classes 150, 300, 600, 900, 1500, and 2500 (revision of ANSI/ASME B16.24-2011)

This Standard covers cast copper alloy:

- (a) threaded pipe flanges and blind flanges having rating class designations 150, 300, 600, 900, 1500, and 2500,
- (b) flanged fittings having rating class designation 150 and 300, and
- (c) threaded and flanged valves having rating class designations 150, 300, 600, 900, 1500, and 2500.

It establishes requirements for

- (a) pressure-temperature ratings,
- (b) size and method of designating openings for reduced fittings,
- (c) markings,
- (d) materials,
- (e) dimensions,
- (f) bolting and gaskets,
- (g) tolerances,
- (h) nondestructive examination for valves, and
- (i) tests.

Single copy price: Free

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

Order from: Mayra Santiago, ASME; [ansibox@asme.org](mailto:ansibox@asme.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Erika Lawson, [lawsone@asme.org](mailto:lawsone@asme.org)

### ASME (American Society of Mechanical Engineers)

#### Revision

BSR/ASME B30.2-201x, Overhead and Gantry Cranes (Top Running Bridge, Single or Multiple Girder, Top Running Trolley Hoist) (revision of ANSI/ASME B30.2-2011)

B30.2 includes provisions that apply to the construction, installation, operation, inspection, and

maintenance of hand-operated and power-driven overhead and gantry cranes that have a top-running single-girder or multiple-girder bridge, with one or more top-running trolley hoists used for vertical lifting and lowering of freely suspended, unguided loads consisting of equipment and materials. The requirements included in this Volume also apply to cranes having the same fundamental characteristics such as cantilever gantry cranes, semi-gantry cranes, and wall cranes. Requirements for a crane used for a special purpose such as, but not limited to, non-vertical lifting service, lifting a guided load, or lifting personnel are not included in this Volume.

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Order from: Mayra Santiago, ASME; [ansibox@asme.org](mailto:ansibox@asme.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Kathryn Hyam, (212) 591-8521, [hyamk@asme.org](mailto:hyamk@asme.org)

### ASQ (ASC Z1) (American Society for Quality)

#### New National Adoption

BSR/ASQ/ISO 14004-201x, Environmental management systems - General guidelines on implementation (identical national adoption of ISO 14004:2016)

Provides guidance for an organization on the establishment, implementation, maintenance and improvement of a robust, credible and reliable environmental management system. The guidance provided is intended for an organization seeking to manage its environmental responsibilities in a systematic manner that contributes to the environmental pillar of sustainability.

Single copy price: \$200.00

Obtain an electronic copy from: [standards@asq.org](mailto:standards@asq.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: [standards@asq.org](mailto:standards@asq.org)

### ASTM (ASTM International)

#### New Standard

BSR/ASTM WK53089-201x, Specification for Special Inspection of Sprayed Fire-Resistive Materials (new standard)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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### ASTM (ASTM International)

#### Reaffirmation

BSR/ASTM F822-1993 (R201x), Specification for Chest of Drawers (Chiffonier), Steel, Marine (reaffirmation of ANSI/ASTM F822-1993 (R2010))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM F823-1993 (R201x), Specification for Desk, Log, Marine, Steel, with Cabinet (reaffirmation of ANSI/ASTM F823-1993 (R2010))

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**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM F824-1993 (R201x), Specification for Tables, Mess, Marine, Steel (reaffirmation of ANSI/ASTM F824-1993 (R2010))

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**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM F825-1993 (R201x), Specification for Drawers, Furniture, Marine, Steel (reaffirmation of ANSI/ASTM F825-1993 (R2010))

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**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM F826-1994 (R201x), Specification for Tops, Furniture, Marine, Steel (reaffirmation of ANSI/ASTM F826-1994 (R2010))

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**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM F987-2004 (R201x), Specification for Portable Intermediate Flush Deck Stanchion (reaffirmation of ANSI/ASTM F987-2004 (R2010))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM F1018-87A (R201x), Specification for Steel Emergency Gear Stowage Locker (reaffirmation of ANSI/ASTM F1018-87A (R2010))

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**ASTM (ASTM International)****Revision**

BSR/ASTM D1655-201x, Specification for Aviation Turbine Fuels (revision of ANSI/ASTM D1655-2015)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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**ASTM (ASTM International)****Revision**

BSR/ASTM D3241-201x, Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels (revision of ANSI/ASTM D3241-2016)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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**ASTM (ASTM International)****Revision**

BSR/ASTM D6300-201x, Practice for Determination of Precision and Bias Data for Use in Test Methods for Petroleum Products and Lubricants (revision of ANSI/ASTM D6300-2016)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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**ASTM (ASTM International)****Revision**

BSR/ASTM D7223-201x, Specification for Aviation Certification Turbine Fuel (revision of ANSI/ASTM D7223-2016)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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**ASTM (ASTM International)****Revision**

BSR/ASTM D7566-201x, Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons (revision of ANSI/ASTM D7566-2016)

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**ASTM (ASTM International)****Revision**

BSR/ASTM E84-201x, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2015)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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**ASTM (ASTM International)****Revision**

BSR/ASTM E108-201x, Test Methods for Fire Tests of Roof Coverings (revision of ANSI/ASTM E108-2011)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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**ASTM (ASTM International)****Revision**

BSR/ASTM E2688-201x, Practice for Specimen Preparation and Mounting of Tapes to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2688-2010)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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**ATIS (Alliance for Telecommunications Industry Solutions)****New Standard**

BSR/ATIS 1000066-201x, Emergency Telecommunications Service (ETS) Network Element Requirements for IMS-based Next Generation Network (NGN) Phase 2 (new standard)

This standard specifies Emergency Telecommunications Service (ETS) requirements for an Internet Protocol (IP) Multimedia Subsystem (IMS) Core Network for support of Next Generation Network (NGN) Government Emergency Telecommunications Service (GETS) Voice and NGN GETS Video. These requirements further refine the procedures defined in the ETS Phase 1 Network Element Requirements for NGN IMS-based Deployments standard (ATIS 1000023). In addition, OA&M requirements are specified.

Single copy price: \$275.00

Order from: Alexandra Blasgen, (202) 434-8840, [ablasgen@atis.org](mailto:ablasgen@atis.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Same

**AWS (American Welding Society)****Revision**

BSR/AWS D1.8/D1.8M-201x, Structural Welding Code - Seismic Supplement (revision of ANSI/AWS D1.8/D1.8M-2009)

The provisions of this code supplement the provisions of AWS D1.1/D1.1M, Structural Welding Code - Steel, and shall apply to the design, fabrication, quality control, and quality assurance of welded joints designed in accordance with the AISC Seismic Provisions for Structural Steel Buildings. All provisions of AWS D1.1/D1.1M for statically loaded structures shall apply to the designated welds, except as specifically modified in this standard.

Single copy price: \$70.00

Obtain an electronic copy from: [jmolini@aws.org](mailto:jmolini@aws.org)

Order from: Jennifer Molin, (305) 443-9353, [jmolini@aws.org](mailto:jmolini@aws.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Andrew Davis, (305) 443-9353, x466, [adavis@aws.org](mailto:adavis@aws.org)

**AWS (American Welding Society)****Revision**

BSR/AWS D3.6M-201x, Underwater Welding Code (revision of ANSI/AWS D3.6M-2010)

This Code covers the requirements for welding structures or components under the surface of water. It includes welding in both dry and wet environments.

Single copy price: \$54.00

Obtain an electronic copy from: [jdouglass@aws.org](mailto:jdouglass@aws.org)

Order from: John Douglass, (800) 443-9353, [jdouglass@aws.org](mailto:jdouglass@aws.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Same

**CSA (CSA Group)****Reaffirmation**

BSR Z21.80-2011 (R201x), Line Pressure Regulators (same as CSA 6.22) (reaffirmation of ANSI Z21.80-2011 and ANSI Z21.80a-2012)

Details test and examination criteria for line-pressure regulators, either individual or in combination with over-pressure protection devices intended for application in natural gas piping systems between the service regulator and the gas appliance(s). This standard applies to regulators rated at 2, 5, or 10 psi (13.8, 34.5, or 68.9 kPa) with maximum outlet pressure of 1/2 or 2 psi (3.5 or 13.8 kPa), depending on the intended application.

Single copy price: Free

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Order from: Cathy Rake, (216) 524-4990 x88321, [cathy.rake@csagroup.org](mailto:cathy.rake@csagroup.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Same

## **DMSC, Inc. (Dimensional Metrology Standards Consortium, Inc.)**

### **Reaffirmation**

BSR/DMIS 105.2-2009, Part 1 (R201x), Dimensional Measuring Interface Standard (DMIS Rev. 5.2) (reaffirmation of ANSI/DMIS 105.2-2009, Part 1)

The DMIS standard provides for the bi-directional communication of inspection data between computer systems and inspection equipment and can form a basis for a common inspection system native programming language. DMIS provides the vocabulary to pass inspection programs to measuring equipment and to pass measurement and process data back to an analysis, collection, or archiving system. DMIS defines a neutral format for data exchange, and is designed to be man-readable and man-writable.

Single copy price: \$125.00

Obtain an electronic copy from: [bsquier@dmis.org](mailto:bsquier@dmis.org)

Order from: Bailey Squier, (817) 461-1092, [bsquier@dmis.org](mailto:bsquier@dmis.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Same

## **HI (Hydraulic Institute)**

### **Revision**

BSR/HI 14.6-201x, Rotodynamic Pumps for Hydraulic Performance Acceptance Tests (revision of ANSI/HI 14.6-2011)

This standard covers hydraulic performance tests for acceptance of rotodynamic pumps (centrifugal, mixed flow, and axial flow pumps), in this document referred to as pumps.

Single copy price: \$205.00

Obtain an electronic copy from: [pgaydon@pumps.org](mailto:pgaydon@pumps.org)

Order from: Peter Gaydon, (973) 267-9700 ext. 119, [pgaydon@pumps.org](mailto:pgaydon@pumps.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Same

## **NEMA (ASC C12) (National Electrical Manufacturers Association)**

### **Reaffirmation**

BSR C12.18-2006 (R201x), Protocol Specification for ANSI Type 2 Optical Port (reaffirmation of ANSI C12.18-2006)

This Standard details the criteria required for communications between a C12.18 Device and a C12.18 Client via an optical port. The C12.18 Client may be a handheld reader, a portable computer, a master station system, or some other electronic communications device. This Standard provides details for a complete implementation of an OSI 7-layer model. The protocol specified in this document was designed to transport data in table format. The table definitions are in ANSI C12.19, Utility Industry End Device Data Tables.

Single copy price: \$98.00

Order from: Paul Orr, (703) 841-3227, [Pau\\_orr@nema.org](mailto:Pau_orr@nema.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Same

## **NEMA (ASC C12) (National Electrical Manufacturers Association)**

### **Reaffirmation**

BSR C12.21-2006 (R201x), Protocol Specification for Telephone Modem Communications (reaffirmation of ANSI C12.21-2006)

This Standard details the criteria required for communications between a C12.21 Device and a C12.21 Client via a modem connected to the switched telephone network. The C12.21 Client could be a laptop or portable computer, a master station system or some other electronic communications device. This Standard does not specify the implementation requirements of the telephone switched network to the modem, nor does it include definitions for the establishment of the communication channel. This document provides details for an implementation of the OSI 7-layer model. The protocol specified in this Standard was designed to transport data in table format.

Single copy price: \$123.00

Order from: Paul Orr, (703) 841-3227, [Pau\\_orr@nema.org](mailto:Pau_orr@nema.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Same

## **NEMA (ASC C8) (National Electrical Manufacturers Association)**

### **Revision**

BSR ICEA S-87-640-201x, Standard for Optical Fiber Outside Plant Communications Cable (revision of ANSI/ICEA S-87-640-2011)

This Standard covers optical fiber communications cable intended for outdoor use and normally installed aerially, directly buried, or placed in underground ducts. Additional requirements are included in Annex D for "figure 8" aerial self-supporting cables and in Annex F for all-dielectric self-support cables, as appropriate. Materials, constructions, and performance requirements are included in the Standard, together with applicable test procedures.

Single copy price: \$228.00

Obtain an electronic copy from: [Kevin.Connelly@nema.org](mailto:Kevin.Connelly@nema.org)

Order from: [Kevin.Connelly@nema.org](mailto:Kevin.Connelly@nema.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Same

## **NSF (NSF International)**

### **Revision**

BSR/NSF 49-201x (i78r3), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)

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 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.

Single copy price: Free

Obtain an electronic copy from: [http://standards.nsf.org/apps/group\\_public/download.php/32182/49i78r2%20-%20Metric%20Equivalence%20-%20JC%20memo%20&%20ballot.pdf](http://standards.nsf.org/apps/group_public/download.php/32182/49i78r2%20-%20Metric%20Equivalence%20-%20JC%20memo%20&%20ballot.pdf)

Order from: Allan Rose, (734) 827-3817, [arose@nsf.org](mailto:arose@nsf.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Same

**TIA (Telecommunications Industry Association)*****New Standard***

BSR/TIA 322-201x, Loading Criteria, Analysis, and Design Related to the Installation, Alteration and Maintenance of Communication Structures (new standard)

The scope of this Standard is intended to provide engineering criteria to evaluate a communication structure subjected to construction loads and to provide the design criteria for gin poles and the generation of their load charts. The means and methods for construction are not within the scope of this Standard.

Single copy price: \$146.00

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Order from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Same

**TIA (Telecommunications Industry Association)*****New Standard***

BSR/TIA 4957.500-201x, Smart Utility Network-Security (new standard)

To define key management and other security protocols necessary to fully implement Layer 2 security for Smart Utility Networks.

Single copy price: \$112.00

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Order from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Same

**TIA (Telecommunications Industry Association)*****Reaffirmation***

BSR/TIA 222-G-2005 (R201x), Structural Standard for Antenna Supporting Structures and Antennas (reaffirmation of ANSI/TIA 222-G-2005 (R2012))

The objective of this document is to provide minimum criteria for specifying and designing steel antenna towers and antenna supporting structures. This Standard is not intended to supersede applicable codes. The information contained in this Standard was obtained from sources as referenced and noted in this standard and represents, in the judgment of the subcommittee, the accepted industry practices for minimum standards for the design of steel antenna supporting structures. This document contains a county-by-county listing of minimum basic wind speeds, as well as, a commentary on ice and other design criteria. It is for general information only.

Single copy price: \$350.00

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Order from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Same

**TIA (Telecommunications Industry Association)*****Reaffirmation***

BSR/TIA 222-G-1-2007 (R201x), Structural Standards for Steel Antenna Towers and Antenna Supporting Structures - Addendum 1 (reaffirmation of ANSI/TIA 222-G-1-2007 (R2013))

This section relates to the strength design of structural steel angles, solid rounds, and tubular members used in latticed towers, poles, and guyed masts. The following clauses are based on the AISC LRFD-99. When the requirements in AISC LRFD-99 differ from this Standard, this Standard shall govern. If other shapes or types of structures are utilized, the requirements of AISC LRFD-99 shall be used.

Single copy price: \$116.00

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Order from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Same

**TIA (Telecommunications Industry Association)*****Reaffirmation***

BSR/TIA 1019-A-2012 (R201x), Standard for Installation, Alteration and Maintenance of Antenna Supporting Structures and Antennas (reaffirmation of ANSI/TIA 1019-A-2012)

The standard was prepared by TR-14 Committee on Structural Standards for Steel Antenna Towers and Antenna Supporting Structures to provide guidance on the installation, alteration and maintenance of antenna-supporting structures and antennas

Single copy price: \$174.00

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Order from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Same

**TIA (Telecommunications Industry Association)*****Revision***

BSR/TIA 4957.000-A-201x, Overview and Architecture for a Field Area Network (revision and redesignation of ANSI/TIA 4957.000-2010)

Revise to add new operational modes for smart grid, smart metering, and related applications.

Single copy price: \$112.00

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Order from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Same

**TIA (Telecommunications Industry Association)*****Revision***

BSR/TIA 4957.100-A-201x, Layer 1 Standard Specification for the Smart Utility Network (revision and redesignation of ANSI/TIA 4957.100-2013)

Revise to add new operational modes for smart grid, smart metering, and related applications.

Single copy price: \$101.00

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Order from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Same

**TIA (Telecommunications Industry Association)*****Revision***

BSR/TIA 4957.200-A-201x, Layer 2 Standard Specification for the Smart Utility Network (revision and redesignation of ANSI/TIA 4957.200-2013)

Revise ANSI/TIA 4957.200 to achieve the following objectives: (1) Add security mechanisms, considering the ETSI approach; (2) Harmonize with IEEE 802.15 MAC, where appropriate; and (3) Resolve errata found from recent experience in implementing the specification in SUN devices.

Single copy price: \$256.00

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Order from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Same

## **TIA (Telecommunications Industry Association)**

### **Revision**

BSR/TIA 4957.300-A-201x, Layer 3 Specification for the Field Area Network (revision and redesignation of ANSI/TIA 4957.300-2013)

Revise to add new operational modes for Smart Grid, smart metering, and related applications.

Single copy price: \$99.00

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Order from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Same

## **TIA (Telecommunications Industry Association)**

### **Revision**

BSR/TIA 4957.400-A-201x, Layer 4 Specification for the Field Area Network (revision and redesignation of ANSI/TIA 4957.400-2013)

Revise to add new operational modes for Smart Grid, smart metering, and related applications.

Single copy price: \$76.00

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Order from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Same

## **UL (Underwriters Laboratories, Inc.)**

### **New Standard**

BSR/UL 1201-201x, Standard for Sensor Operated Backwater Prevention System (new standard)

(1) The proposed first edition of the Joint UL/ULC Standard for Sensor Operated Backwater Prevention Systems, CAN/ANSI/ULC/UL 1201.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: <http://www.comm-2000.com>

Order from: comm2000

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Amy Walker, (847) 664-2023, [Amy.K.Walker@ul.com](mailto:Amy.K.Walker@ul.com)

## **Projects Withdrawn from Consideration**

An accredited standards developer may abandon the processing of a proposed new or revised American National Standard or portion thereof if it has followed its accredited procedures. The following projects have been withdrawn accordingly:

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

INCITS 504-1-2013/AM2-201x, Information Technology - Generic Identity Command Set - Part 1, Amendment 2: Card Application Command Set (new standard)

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

INCITS 504-2:2013/AM2-201x, Information Technology - Generic Identity Command Set - Part 2, Amendment 2: Card Administrative Command Set (new standard)

## **Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer**

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

### **ISEA (International Safety Equipment Association)**

ANSI/ISEA 207-2011, High-Visibility Public Safety Vests

## **Withdrawal of Technical Report**

### **INCITS TR-22-1999**

INCITS TR-22-1999, Information Technology - Object Information Management - Object Model - Technical Report, has been withdrawn at the request of the SDO. Requests for information should be sent to the INCITS secretariat.



# 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.

## ASQ (ASC Z1) (American Society for Quality)

**Office:** 600 N Plankinton Ave  
Milwaukee, WI 53203

**Contact:** Julie Sharp

**Phone:** (414) 272-8575

**E-mail:** standards@asq.org

ASQ/BSR ISO 14004-201x, Environmental management systems -  
General guidelines on implementation (identical national adoption of  
ISO 14004:2016)

Obtain an electronic copy from: standards@asq.org

## DMSC, Inc. (Dimensional Metrology Standards Consortium, Inc.)

**Office:** 1350 SW Alsbury Blvd  
#514  
Burleson, TX 76028-9219

**Contact:** Bailey Squier

**Phone:** (817) 461-1092

**Fax:** (682) 224-6201

**E-mail:** bsquier@dmis.org

BSR/DMIS 105.2-2009, Part 1 (R201x), Dimensional Measuring  
Interface Standard (DMIS Rev. 5.2) (reaffirmation of ANSI/DMIS  
105.2-2009, Part 1)

Obtain an electronic copy from: bsquier@dmis.org

## HI (Hydraulic Institute)

**Office:** 6 Campus Drive, 1st Floor North  
Parsippany, NJ 07054

**Contact:** Peter Gaydon

**Phone:** (973) 267-9700 ext. 119

**Fax:** (973) 267-9055

**E-mail:** pgaydon@pumps.org

BSR/HI 14.6-201x, Rotodynamic Pumps for Hydraulic Performance  
Acceptance Tests (revision of ANSI/HI 14.6-2011)

Obtain an electronic copy from: pgaydon@pumps.org

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

**Office:** 1101 K Street NW  
Suite 610  
Washington, DC 20005-3922

**Contact:** Rachel Porter

**Phone:** (202) 626-5741

**Fax:** 202-638-4922

**E-mail:** comments@itic.org

INCITS 553-201x, Information Technology - Fibre Channel - Link  
Services - 4 (new standard)

## NEMA (ASC C81) (National Electrical Manufacturers Association)

**Office:** 1300 N 17th St  
Rosslyn, VA 22209

**Contact:** Michael Erbesfeld

**Phone:** 703-841-3262

**Fax:** 703-841-3362

**E-mail:** Michael.Erbesfeld@nema.org

BSR C81.61-201X, Standard for Electrical Lamp Bases - Specifications  
for Bases (Caps) for Electric Lamps (revision of ANSI C81.61-2016)

## TIA (Telecommunications Industry Association)

**Office:** 1320 North Courthouse Road  
Suite 200  
Arlington, VA 22201

**Contact:** Teesha Jenkins

**Phone:** (703) 907-7706

**Fax:** (703) 907-7727

**E-mail:** standards@tiaonline.org

BSR/TIA 222-G-2005 (R201x), Structural Standard for Antenna  
Supporting Structures and Antennas (reaffirmation of ANSI/TIA 222-G  
-2005 (R2012))

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 222-G-1-2007 (R201x), Structural Standards for Steel Antenna  
Towers and Antenna Supporting Structures - Addendum 1  
(reaffirmation of ANSI/TIA 222-G-1-2007 (R2013))

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 322-201x, Loading Criteria, Analysis, and Design Related to  
the Installation, Alteration and Maintenance of Communication  
Structures (new standard)

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 1019-A-2012 (R201x), Standard for Installation, Alteration and Maintenance of Antenna Supporting Structures and Antennas (reaffirmation of ANSI/TIA 1019-A-2012)

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

BSR/TIA 4957.000-A-201x, Overview and Architecture for a Field Area Network (revision and redesignation of ANSI/TIA 4957.000-2010)

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

BSR/TIA 4957.100-A-201x, Layer 1 Standard Specification for the Smart Utility Network (revision and redesignation of ANSI/TIA 4957.100-2013)

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

BSR/TIA 4957.200-A-201x, Layer 2 Standard Specification for the Smart Utility Network (revision and redesignation of ANSI/TIA 4957.200-2013)

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

BSR/TIA 4957.300-A-201x, Layer 3 Specification for the Field Area Network (revision and redesignation of ANSI/TIA 4957.300-2013)

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

BSR/TIA 4957.400-A-201x, Layer 4 Specification for the Field Area Network (revision and redesignation of ANSI/TIA 4957.400-2013)

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

BSR/TIA 4957.500-201x, Smart Utility Network - Security (new standard)

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

**UL (Underwriters Laboratories, Inc.)**

**Office:** 47173 Benicia Street  
Fremont, CA 94538

**Contact:** *Marcia Kawate*

**E-mail:** [Marcia.M.Kawate@ul.com](mailto:Marcia.M.Kawate@ul.com)

BSR/UL 147B-201x, Standard for Safety for Nonrefillable (Disposable) Type Metal Container Assemblies for Butane (revision of ANSI/UL 147B-2008 (R2013))

Obtain an electronic copy from: <http://www.comm-2000.com>

BSR/UL 6200-201x, Standard for Safety for Controllers for Use in Power Production (new standard)

## **Call for Members (ANS Consensus Bodies)**

### **Call for Committee Members**

#### **ASC O1**

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](mailto: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.

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

### **Addenda**

ANSI/ASHRAE/ASHE 170f-2016, Ventilation of Health Care Facilities  
(addenda to ANSI/ASHRAE Standard 170-2013): 6/1/2016

ANSI/ASHRAE/ASHE 170h-2016, Ventilation of Health Care Facilities  
(addenda to ANSI/ASHRAE Standard 170-2013): 6/1/2016

ANSI/ASHRAE/ASHE Addendum 170c-2016, Ventilation of Health  
Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013):  
6/1/2016

ANSI/ASHRAE/ASHE Addendum 170c-2016a, Ventilation of Health  
Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013):  
6/1/2016

ANSI/ASHRAE/ASHE Addendum 170c-2016b, Ventilation of Health  
Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013):  
6/1/2016

ANSI/ASHRAE/ASHE Addendum 170f-2016, Ventilation of Health  
Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013):  
6/1/2016

## **ASTM (ASTM International)**

### **Revision**

ANSI/ASTM E541-2010, Specification for Agencies Engaged in  
System Analysis and Compliance Assurance for Manufactured  
Building (revision of ANSI/ASTM E541-2008): 5/25/2010

## **NSF (NSF International)**

### **Revision**

- \* ANSI/NSF 49-2016 (i81r3), Biosafety Cabinetry: Design, Construction,  
Performance, and Field Certification (revision of ANSI/NSF 49  
-2014): 6/1/2016
- \* ANSI/NSF 50-2016 (i102r1), Equipment for Swimming Pools, Spas,  
Hot Tubs and Other Recreational Water Facilities (revision of  
ANSI/NSF 50-2015): 5/29/2016

## **UL (Underwriters Laboratories, Inc.)**

### **Revision**

ANSI/UL 209-2016, Standard for Safety for Surface Cellular Metal  
Floor Raceways and Fittings (revision of ANSI/UL 209-2011):  
5/27/2016

ANSI/UL 796-2016b, Standard for Safety for Printed-Wiring Boards  
(revision of ANSI/UL 796-2016): 5/31/2016

ANSI/UL 796-2016c, Standard for Safety for Printed-Wiring Boards  
(revision of ANSI/UL 796-2016): 5/31/2016

# 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. To view information about additional standards for which a PINS has been submitted and to search approved ANS, please visit [www.NSSN.org](http://www.NSSN.org), which is a database of standards information. Note that this database is not exhaustive.

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.

## ASC X9 (Accredited Standards Committee X9, Incorporated)

**Office:** 275 West Street  
Suite 107  
Annapolis, MD 21401

**Contact:** *Ambria Frazier*

**E-mail:** [Ambria.frazier@x9.org](mailto:Ambria.frazier@x9.org)

BSR X9.100-189-201x, Virtual Paying Agent Stamp for Savings Bonds (new standard)

Stakeholders: Banks; software and hardware vendors.

Project Need: This Standard would create an opportunity for Savings Bond Paying Agents (Financial Institutions) to leverage technology to create cost savings and efficiencies in their processing.

This is a proposal to create a Standard that defines a virtual paying agent stamp for Savings Bonds. When a Savings Bond is redeemed, it is hand stamped with a paying agent stamp and the redemption amount and redemption date is hand written on the face of the bond. A virtual stamp would eliminate the manual process of hand-stamping the item. A standard to define the requirements of a virtual stamp will ensure the placement, font size, and data elements of the data provided are consistent and appropriate, and will not obscure important data on the bond.

## ASTM (ASTM International)

**Office:** 100 Barr Harbor Drive  
West Conshohocken, PA 19428-2959

**Contact:** *Corice Leonard*

**Fax:** (610) 834-3683

**E-mail:** [accreditation@astm.org](mailto:accreditation@astm.org)

BSR/ASTM WK54682-201x, New Practice for Regression Analysis (new standard)

Stakeholders: Sampling / Statistics industry.

Project Need: Regression analysis is a statistical procedure that utilizes relationships among two or more quantitative variables data to predict the level of one variable from known levels of other variables.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK54682.htm>

BSR/ASTM WK54700-201x, New Specification for Plastic Mechanical Fittings for Use on Outside Diameter Controlled Polyethylene Water Service Pipe and Tubing (new standard)

Stakeholders: Fittings industry.

Project Need: This specification covers plastic-bodied mechanical fittings for use with outside-diameter-controlled polyethylene (PE) water service pipe and tubing.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK54700.htm>

## ATIS (Alliance for Telecommunications Industry Solutions)

**Office:** 1200 G Street NW  
Suite 500  
Washington, DC 20005

**Contact:** *Alexandra Blasgen*

**E-mail:** [ablasgen@atis.org](mailto:ablasgen@atis.org)

BSR/ATIS 0600015.03-201x, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting for Router and Ethernet Switch Products (revision of ANSI/ATIS 0600015.03-2013)

Stakeholders: Communications industry.

Project Need: To specify the definition of router and Ethernet switch products based on their position in a network, as well as a methodology to calculate the Telecommunications Energy Efficiency Ratio (TEER).

This document specifies the definition of router and Ethernet switch products based on their position in a network, as well as a methodology to calculate the Telecommunication Energy Efficiency Ratio (TEER). The standard will also provide requirements for how equipment vendors shall respond to a TEER request based on a specific application description by making use of relevant data from internal and independent test reports.

## HL7 (Health Level Seven)

**Office:** 3300 Washtenaw Avenue  
Suite 227  
Ann Arbor, MI 48104

**Contact:** *Karen Van Hentenryck*

**Fax:** (734) 677-6622

**E-mail:** [Karenvan@HL7.org](mailto:Karenvan@HL7.org)

BSR/HL7 EHR-S MUF, R1-201x, HL7 EHR-S Functional Profile: Meaningful Use 2015, Release 1 - US Realm (new standard)

Stakeholders: Clinical and public health laboratories, immunization registries, quality reporting agencies, regulatory agency.

Project Need: To be up-to-date with US Federal 2015 Edition Meaningful Use and EHR System Certification regulations.

This document defines the HL7 Meaningful Use Functional Profile according to 2015 Edition EHR System Certification requirements.

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

**Office:** 1101 K Street NW  
Suite 610  
Washington, DC 20005-3922

**Contact:** Rachel Porter

**Fax:** 202-638-4922

**E-mail:** comments@itic.org

INCITS 553-201x, Information Technology - Fibre Channel - Link Services - 4 (new standard)

Stakeholders: ICT industry.

Project Need: Current Fibre Channel Extended Link Services are defined in the FC-LS standard. Requests for additional and enhanced Extended Link Services functions are coming from existing and new implementation areas of Fibre Channel.

Provides an invaluable service for management and control of Fibre Channel systems. Recommends the development of additional and enhanced Extended Link Services functions to the Extended Link Services defined in the FC-LS standard. The specific goals of FC-LS-4 are to incorporate any new ELSs required for FC-NVMe, changes for VM identification and provide for new and/or amended Link Services as required.

**NEMA (ASC C12) (National Electrical Manufacturers Association)**

**Office:** 1300 North 17th Street  
Suite 900  
Rosslyn, VA 22209

**Contact:** Paul Orr

**Fax:** (703) 841-3327

**E-mail:** Pau\_orr@nema.org

BSR C12.6-1987 (R201x), Phase-Shifting Devices Used In Metering, Marking and Arrangement of Terminals (reaffirmation of ANSI C12.6-1987 (R2011))

Stakeholders: Meter manufacturers, utilities.

Project Need: Reaffirm existing standard.

This specification applies to phase-shifting devices designed to provide the proper lagged voltages required for kvar and kVA measurement.

**NEMA (ASC C81) (National Electrical Manufacturers Association)**

**Office:** 1300 N 17th St  
Rosslyn, VA 22209

**Contact:** Michael Erbesfeld

**Fax:** 703-841-3362

**E-mail:** Michael.Erbesfeld@nema.org

\* BSR C81.61-201X, Standard for Electrical Lamp Bases - Specifications for Bases (Caps) for Electric Lamps (revision of ANSI C81.61-2016)

Stakeholders: Manufacturers, users, test labs, lighting specifiers.

Project Need: This project is needed to add a new base to the standard.

This standard sets forth the specifications for bases (caps) used on electric lamps.

\* BSR C81.62-201X, Electric Lampholders (revision of ANSI C81.62-2009 (R2014))

Stakeholders: Manufacturers, users, test labs, lighting specifiers.

Project Need: This project is needed to add a new lampholder to the standard.

This standard sets forth the specifications for lampholders for electric lamps.

\* BSR C81.63-201X, Gauges for Electric Lamp Bases and Lampholders (revision of ANSI C81.63-2007 (R2014))

Stakeholders: Manufacturers, users, test labs, lighting specifiers.

Project Need: This project is needed to add a new gauge and reinstate a gauge to the standard.

This standard sets forth the specifications for gauges for bases (caps) and lampholders for electric lamps.

**NEMA (ASC C82) (National Electrical Manufacturers Association)**

**Office:** 1300 N 17th St  
Rosslyn, VA 22209

**Contact:** Michael Erbesfeld

**Fax:** 703-841-3362

**E-mail:** Michael.Erbesfeld@nema.org

\* BSR C82.11-201X, Lamp Ballasts - High Frequency Fluorescent Lamp Ballasts (revision of ANSI C82.11-2011)

Stakeholders: Manufacturers, users, test labs, lighting specifiers.

Project Need: This project is needed to revise the standard to add Dimming Ballast Efficiency, revise lamp starting requirements, and update the standard.

This standard is intended to cover high-frequency ballasts which have rated open-circuit voltages of 2000 volts or less, operate the lamp at frequencies between 10 kHz and 500 kHz, and are intended to operate at a supply frequency of 50 Hz or 60 Hz. This comprises ballasts for hot-cathode fluorescent lamps, either switch-start (preheat-start), rapid-start (continuously heated cathodes), modified rapid start, programmed start, or instant start used primarily for lighting purposes. The ballast and lamp combinations covered by this specification are normally intended for use in room ambient temperatures of 10°C to 40°C. At ambient temperatures outside this range, certain special operating characteristics may be required.

**SCTE (Society of Cable Telecommunications Engineers)**

**Office:** 140 Philips Road  
Exton, PA 19341-1318

**Contact:** Rebecca Yaletchko

**Fax:** (610) 363-5898

**E-mail:** ryaletchko@scte.org

BSR/SCTE 30-201x, Digital Program Insertion Splicing API (revision of ANSI/SCTE 30-2015)

Stakeholders: Cable Telecommunication industry.

Project Need: Update to current technology.

This Application Program Interface (API) creates a standardized method of communication between servers and splicers for the insertion of content into any MPEG-2 Output Multiplex in the splicer. This API is flexible enough to support one or more servers attached to one or more splicers. Digital program insertion includes content such as spot advertisements of various lengths, program substitution, public service announcements or program material created by splicing portions of the program from a server.

**UL (Underwriters Laboratories, Inc.)**

**Office:** 47173 Benicia Street  
Fremont, CA 94538

**Contact:** *Derrick Martin*

**E-mail:** Derrick.L.Martin@ul.com

BSR/UL 6200-201x, Standard for Safety for Controllers for Use in  
Power Production (new standard)

Stakeholders: Manufacturers of power production products such as generators, turbines, and the like. Manufacturers of power production product controls. Manufacturers of engines and other prime movers. Manufacturers of components of these devices. AHJs, electrical inspectors, building owners and users of portable generators.

Project Need: To obtain national recognition of a standard for controllers for use in power production.

The proposed Standard UL 6200 covers control panels, control units, and other various electrical circuits employed within a control circuit device intended for support functions, maintain operation and limiting safety control features for use in a stationary-engine-driven assembly or similar power-production equipment control applications.

# 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)
- AAMVA (American Association of Motor Vehicle Administrators)
- AGA (American Gas Association)
- AGSC (Auto Glass Safety Council)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GBI (The Green Building Initiative)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- IESNA (The Illuminating Engineering Society of North America)
- MHI (ASC MH10) (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- PRCA (Professional Ropes Course Association)
- RESNET (Residential Energy Services Network)
- 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](http://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](http://www.ansi.org/publicreview).

Alternatively, you may contact the Procedures & Standards Administration department (PSA) at [psa@ansi.org](mailto: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](mailto:standact@ansi.org).

### ASC X9

Accredited Standards Committee X9,  
Incorporated  
275 West Street  
Suite 107  
Annapolis, MD 21401  
Phone: (410) 267-7707  
Web: [www.x9.org](http://www.x9.org)

### ASHRAE

American Society of Heating,  
Refrigerating and Air-Conditioning  
Engineers, Inc.  
1791 Tullie Circle, NE  
Atlanta, GA 30329  
Phone: (678) 539-1214  
Fax: (678) 539-2214  
Web: [www.ashrae.org](http://www.ashrae.org)

### ASME

American Society of Mechanical  
Engineers  
Two Park Avenue  
New York, NY 10016  
Phone: (212) 591-8521  
Fax: (212) 591-8501  
Web: [www.asme.org](http://www.asme.org)

### ASQ (ASC Z1)

American Society for Quality  
600 N Plankinton Ave  
Milwaukee, WI 53203  
Phone: (414) 272-8575  
Web: [www.asq.org](http://www.asq.org)

### ASTM

ASTM International  
100 Barr Harbor Drive  
West Conshohocken, PA 19428-2959  
Phone: (610) 832-9744  
Fax: (610) 834-3683  
Web: [www.astm.org](http://www.astm.org)

### ATIS

Alliance for Telecommunications  
Industry Solutions  
1200 G Street NW  
Suite 500  
Washington, DC 20005  
Phone: (202) 434-8840  
Web: [www.atis.org](http://www.atis.org)

### AWS

American Welding Society  
8669 NW 36th Street, Suite 130  
Miami, FL 33166  
Phone: (305) 443-9353  
Fax: (305) 443-5951  
Web: [www.aws.org](http://www.aws.org)

### CSA

CSA Group  
8501 East Pleasant Valley Rd.  
Cleveland, OH 44131  
Phone: (216) 524-4990 x88321  
Fax: (216) 520-8979  
Web: [www.csa-america.org](http://www.csa-america.org)

### DMSC, Inc.

Dimensional Metrology Standards  
Consortium, Inc.  
1350 SW Alsbury Blvd  
#514  
Burlleson, TX 76028-9219  
Phone: (817) 461-1092  
Fax: (682) 224-6201  
Web: [www.dmis.org](http://www.dmis.org)

### EOS/ESD

ESD Association  
7900 Turin Rd., Bldg. 3  
Rome, NY 13440  
Phone: (315) 339-6937  
Fax: (315) 339-6793  
Web: [www.esda.org](http://www.esda.org)

### HI

Hydraulic Institute  
6 Campus Drive, 1st Floor North  
Parsippany, NJ 07054  
Phone: (973) 267-9700 ext. 119  
Fax: (973) 267-9055  
Web: [www.pumps.org](http://www.pumps.org)

### HL7

Health Level Seven  
3300 Washtenaw Avenue  
Suite 227  
Ann Arbor, MI 48104  
Phone: (734) 677-7777  
Fax: (734) 677-6622  
Web: [www.hl7.org](http://www.hl7.org)

### ITI (INCITS)

InterNational Committee for  
Information Technology Standards  
1101 K Street NW  
Suite 610  
Washington, DC 20005-3922  
Phone: (202) 626-5741  
Fax: 202-638-4922  
Web: [www.incits.org](http://www.incits.org)

### NEMA (ASC C12)

National Electrical Manufacturers  
Association  
1300 North 17th Street  
Suite 900  
Rosslyn, VA 22209  
Phone: (703) 841-3227  
Fax: (703) 841-3327  
Web: [www.nema.org](http://www.nema.org)

### NEMA (ASC C8)

National Electrical Manufacturers  
Association  
1300 North 17th Street  
Rosslyn, VA 22209  
Phone: (703) 841-3299  
Web: [www.nema.org](http://www.nema.org)

### NEMA (ASC C81)

National Electrical Manufacturers  
Association  
1300 N 17th St Ste. 900  
Rosslyn, VA 22209  
Phone: 703-841-3262  
Fax: 703-841-3362  
Web: [www.nema.org](http://www.nema.org)

### NEMA (ASC C82)

National Electrical Manufacturers  
Association  
1300 N 17th St  
Rosslyn, VA 22209  
Phone: 703-841-3262  
Fax: 703-841-3362  
Web: [www.nema.org](http://www.nema.org)

### NSF

NSF International  
789 N. Dixboro Road  
Ann Arbor, MI 48105-9723  
Phone: (734) 827-3817  
Fax: (734) 827-7875  
Web: [www.nsf.org](http://www.nsf.org)

### SCTE

Society of Cable Telecommunications  
Engineers  
140 Philips Road  
Exton, PA 19341-1318  
Phone: (480) 252-2330  
Fax: (610) 363-5898  
Web: [www.scte.org](http://www.scte.org)

### TIA

Telecommunications Industry  
Association  
1320 North Courthouse Road  
Suite 200  
Arlington, VA 22201  
Phone: (703) 907-7706  
Fax: (703) 907-7727  
Web: [www.tiaonline.org](http://www.tiaonline.org)

### UL

Underwriters Laboratories, Inc.  
47173 Benicia Street  
Fremont, CA 94538  
Phone: (510) 319-4271  
Web: [www.ul.com](http://www.ul.com)

**Announcement of Proposed Procedural Revisions  
to Appeals Procedures:  
ANSI Appeals Board,  
ANSI Board of Standards Review (BSR)  
and ANSI Executive Standards Council (ExSC)**

**Comment Deadline: July 25, 2016**

[Click here](#) to view/download the proposed revisions.

Comments with regard to these proposed revisions should be submitted to [psa@ansi.org](mailto:psa@ansi.org) by **July 25, 2016**. Please be specific in your comments and, where possible, propose alternative language along with a brief explanation.

The ANSI Executive Standards Council (ExSC) will consider all public comments received by the comment deadline at its next regularly scheduled meeting in September 2016. Shortly thereafter, all commenters will be provided with a written disposition of their respective comments.

Public comments received in connection with these proposed revisions will be made available to the public in the ANSI Online public library one week after the close of the comment deadline.

Questions? [psa@ansi.org](mailto:psa@ansi.org)



# ISO & IEC Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) are considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to ISO and IEC members for comment and vote. Standards Action readers interested in reviewing and commenting on these documents should order copies from ANSI.

## Comments

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

## Ordering Instructions

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

## ISO Standards

### AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 10537, Space data and information transfer systems - Encapsulation service - 6/23/2016, \$93.00

### ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

IEC/DIS 60601-2-49,, \$98.00

### CARBON DIOXIDE CAPTURE, TRANSPORTATION, AND GEOLOGICAL STORAGE (TC 265)

ISO/DIS 27917-1, Carbon dioxide capture, transportation and geological storage - Vocabulary - Part 1: Cross-cutting terms - 8/25/2016, \$67.00

### CAST IRON AND PIG IRON (TC 25)

ISO/DIS 945-1, Microstructure of cast irons - Part 1: Graphite classification by visual analysis - 8/26/2016, \$98.00

### DENTISTRY (TC 106)

ISO/DIS 11609, Dentistry - Dentifrices - Requirements, test methods and marking - 6/23/2016, \$88.00

ISO/DIS 19490, Dentistry - Sinus membrane elevator - 6/30/2016, \$33.00

### GLASS IN BUILDING (TC 160)

ISO/DIS 18543, Glass in building - Electrochromic glazings - Accelerated aging test and requirements - 8/21/2016, \$62.00

### INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 15531-44, Industrial automation systems and integration - Industrial manufacturing management data - Part 44: Information modelling for shop floor data acquisition - 6/30/2016, \$107.00

### INTERNAL COMBUSTION ENGINES (TC 70)

ISO/DIS 8528-7, Reciprocating internal combustion engine driven alternating current generating sets - Part 7: Technical declarations for specification and design - 8/20/2016, \$58.00

### MACHINE TOOLS (TC 39)

ISO/DIS 14955-4, Machine tools - Environmental evaluation of machine tools - Part 4: Principles for measuring metal-forming machine tools and laser processing machine tools with respect to energy efficiency - 8/18/2016, \$155.00

ISO/DIS 19085-8, Woodworking machines - Safety - Part 8: Wide belt calibrating and sanding machines - 8/26/2016, \$112.00

### NUCLEAR ENERGY (TC 85)

ISO/DIS 12800, Nuclear fuel technology - Guide to the measurement of the specific surface area of uranium oxide powders by the BET method - 8/26/2016, \$46.00

ISO/DIS 19361, Measurement of radioactivity - Determination of beta emitters activities - Test method using liquid scintillation counting - 8/21/2016, \$77.00

### OTHER

ISO/DIS 18785-1, Friction stir spot welding - Aluminium - Part 1: Terminology - 6/30/2016, \$82.00

ISO/DIS 18785-2, Friction stir spot welding - Aluminium - Part 2: Design of weld joints - 6/30/2016, \$33.00

ISO/DIS 18785-3, Friction stir spot welding - Aluminium - Part 3: Qualification of welding operators - 6/30/2016, \$46.00

ISO/DIS 18785-4, Friction stir spot welding - Aluminium - Part 4: Specification and qualification of welding procedures - 6/30/2016, \$62.00

ISO/DIS 18785-5, Friction stir spot welding - Aluminium - Part 5: Quality and inspection requirements - 6/30/2016, \$40.00

### PLASTICS (TC 61)

ISO/DIS 877-1, Plastics - Methods of exposure to solar radiation - Part 1: General guidance - 8/26/2016, \$58.00

ISO/DIS 877-2, Plastics - Methods of exposure to solar radiation - Part 2: Direct weathering and exposure behind window glass - 8/26/2016, \$40.00

ISO/DIS 877-3, Plastics - Methods of exposure to solar radiation - Part 3: Intensified weathering using concentrated solar radiation - 8/26/2016, \$58.00

**ROAD VEHICLES (TC 22)**

ISO/DIS 6626-2, Internal combustion engines - Piston rings - Part 2: Coil-spring-loaded oil control rings of narrow width made of cast iron - 11/15/2002, \$107.00

**RUBBER AND RUBBER PRODUCTS (TC 45)**

ISO/DIS 1436, Rubber hoses and hose assemblies - Wire-braid-reinforced hydraulic types for oil-based or water-based fluids - Specification - 8/26/2016, \$58.00

ISO/DIS 2321, Rubber threads - Methods of test - 6/30/2016, \$93.00

ISO/DIS 3862, Rubber hoses and hose assemblies - Rubber-covered spiral-wire-reinforced hydraulic types for oil-based or water-based fluids - Specification - 8/26/2016, \$62.00

ISO/DIS 4079, Rubber hoses and hose assemblies - Textile-reinforced hydraulic types for oil-based or water-based fluids - Specification - 8/26/2016, \$62.00

ISO/DIS 9298, Rubber compounding ingredients - Zinc oxide - Test methods - 8/27/2016, \$62.00

ISO/DIS 19984-1, Rubber and rubber products - Determination of biobased content - Part 1: General principles and calculation methods using formulation - 7/1/2016, \$67.00

ISO/DIS 19984-2, Rubber and rubber products - Determination of biobased content - Part 2: Biobased carbon content - 7/1/2016, \$82.00

ISO/DIS 19984-3, Rubber and rubber products - Determination of biobased content - Part 3: Biobased mass content - 7/1/2016, \$77.00

ISO/DIS 20299-2, Film for wrapping rubber bales - Part 2: Natural rubber - 8/24/2016, \$29.00

**SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)**

ISO 9276-4/DAMd1, Representation of results of particle size analysis - Part 4: Characterization of a classification process - Amendment 1 - 8/27/2016, \$29.00

**TYRES, RIMS AND VALVES (TC 31)**

ISO/DIS 16992, Passenger car tyres - Spare unit substitutive equipment (SUSE) - 8/21/2016, \$62.00

**WELDING AND ALLIED PROCESSES (TC 44)**

ISO/DIS 15012-3, Health and safety in welding and allied processes - Requirements, testing and marking of equipment for air filtration - Part 3: Determination of the capture efficiency of on-gun welding fume extraction devices - 8/25/2016, \$82.00

**ISO/IEC JTC 1, Information Technology**

ISO/IEC DIS 10646, Information technology - Universal Coded Character Set (UCS) - 8/26/2016, \$175.00

ISO/IEC DIS 7812-1, Identification cards - Identification of issuers - Part 1: Numbering system - 6/30/2016, FREE

ISO/IEC DIS 7812-2, Identification cards - Identification of issuers - Part 2: Application and registration procedures - 6/30/2016, \$58.00

ISO/IEC DIS 38505-1, Information Technology - Governance of IT - Part 1: The application of ISO/IEC 38500 to the governance of data - 8/20/2016, \$77.00

**IEC Standards**

3D/276/DC, IEC Common Data Dictionary (IEC CDD): C00067 Correction of resistance and reactance of an impedance, 07/29/2016

10/1000/CD, IEC 60376 Ed.3: Specification of technical grade sulphur hexafluoride (SF6) and complementary gases to be used in its mixtures for use in electrical equipment, 08/26/2016

18/1526/CD, IEC 61892-1: Mobile and fixed offshore units - Electrical installations - Part 1: General requirements and conditions, 09/23/2016

18/1527/CD, IEC 61892-2: Mobile and fixed offshore units - Electrical installations - Part 2: System design, 09/23/2016

18/1528/CD, IEC 61892-3: Mobile and fixed offshore units - Electrical installations - Part 3: Equipment, 09/23/2016

18/1529/CD, IEC 61892-4: Mobile and fixed offshore units - Electrical installations - Part 4: Cables, 09/23/2016

18/1530/CD, IEC 61892-5: Mobile and fixed offshore units - Electrical installations - Part 5: Mobile units, 09/23/2016

18/1531/CD, IEC 61892-6: Mobile and fixed offshore units - Electrical installations - Part 6: Installations, 09/23/2016

18/1532/CD, IEC 61892-7: Mobile and fixed offshore units - Electrical installations - Part 7: Hazardous areas, 09/23/2016

23E/951/FDIS, IEC 60898-2 Ed.2: Circuit-breakers for overcurrent protection for household and similar installations - Part 2: Circuit-breakers for AC and DC operation, 07/15/2016

31/1258/ISH, IEC 60079-7/1/Ed5: Explosive atmospheres - Part 7: Equipment protection by increased safety "e", 07/15/2016

31/1259/ISH, IEC 60079-15/1/Ed4: Explosive atmospheres - Part 15: Equipment protection by type of protection "n", 07/15/2016

40/2467/FDIS, IEC 60384-4 Ed.5: Fixed capacitors for use in electronic equipment - Part 4: Sectional specification - Fixed aluminium electrolytic capacitors with solid (MnO2) and non-solid electrolyte, 07/15/2016

45B/843/CDV, IEC 62957-1 Ed.1: Radiation instrumentation - Semi-empirical method for performance evaluation of detection and radionuclide identification - Part 1: Performance evaluation of the instruments, featuring radionuclide identification in static mode, 08/26/2016

47F/246/NP, Future IEC 62047-31: Semiconductor devices - Micro-electromechanical devices - Part 31: Four-point bending test method for interfacial adhesion energy of layered MEMS materials, 08/26/2016

59L/126/CD, IEC 60665 Ed.2: Performance of A.C. ventilating fans and regulators for household and similar purposes, 08/26/2016

59L/127/CD, IEC 60879 Ed.2: Performance of comfort fans and regulators for household and similar purposes, 08/26/2016

62D/1364/FDIS, Amendment 1 to IEC 80601-2-58 Ed.2: Medical electrical equipment - Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery, 07/15/2016

62D/1365/FDIS, IEC 60601-2-46 Ed.3: Medical electrical equipment - Part 2-46: Particular requirements for the basic safety and essential performance of operating tables, 07/15/2016

65/628/CDV, IEC 62443-4-1 Ed. 1.0: Security for industrial automation and control systems - Part 4-1: Secure Product Development Lifecycle Requirements, 08/26/2016

65B/1051/CD, IEC 60534-1 Ed. 4.0: Industrial-process control valves - Part 1: Control valve terminology and general considerations, 08/26/2016

77/521/FDIS, IEC 61000-6-2 Ed. 3: Electromagnetic compatibility (EMC) - Part 6-2: Generic Standards - Immunity standard for industrial environments, 07/15/2016

82/1099/CDV, IEC 62805-1 Ed.1: Method for measuring photovoltaic (PV) glass - Part 1: Measurement of total haze and spectral distribution of haze, 08/26/2016

- 82/1100/CDV, IEC 62805-2 Ed.1: Method for measuring photovoltaic (PV) glass - Part 2: Measurement of transmittance and reflectance, 08/26/2016
- 86A/1729/CDV, IEC 60794-2/Ed4: Optical fibre cables - Part 2: Indoor optical fibre cables - Sectional specification, 08/28/2016
- 86B/4001/CD, IEC 63032/Ed1: Fibre optic interconnecting devices and passive components - Fibre optic tuneable bandpass filters - Generic specification, 08/26/2016
- 86C/1375/CDV, IEC 62343/Ed2: Dynamic modules - General and guidance, 08/26/2016
- 89/1328/FDIS, IEC 60695-10-3/Ed2: Fire hazard testing - Part 10-3: Abnormal heat - Mould stress relief distortion test, 07/15/2016
- 100/2708/DTR, IEC/TR 60728-3-2 Cable networks for television signals, sound signals and interactive services - Part 3-2: Method of measurement of 5th order non-linearity for active electronic equipment using five carriers, 07/29/2016
- 112/367/CD, IEC 62631-3-4 Ed.1: Dielectric and resistive properties of solid insulating materials Part 3-4: Determination of resistive properties (DC methods) - Volume resistance and volume resistivity at elevated temperatures, 08/26/2016
- 112/369/CD, IEC 60112 Ed.5: Method for the determination of the proof and the comparative tracking indices of solid insulating materials, 08/26/2016
- AC(2016)/14/AC, Draft IEC Guide 112 Edition 4, Guide on the safety of multimedia equipment, 07/29/2016



# 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](http://www.ansi.org). All paper copies are available from Standards resellers (<http://webstore.ansi.org/faq.aspx#resellers>).

## ISO Standards

### AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 7257:2016](#), Aircraft - Hydraulic tubing joints and fittings - Rotary flexure test, \$88.00

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

[ISO 13543:2016](#), Copper, lead, zinc and nickel sulfide concentrates - Determination of mass of contained metal in a lot, \$88.00

### CRANES (TC 96)

[ISO 20332:2016](#), Cranes - Proof of competence of steel structures, \$265.00

### EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

[ISO 7076-6:2016](#), Fire protection - Foam fire extinguishing systems - Part 6: Vehicle mounted compressed air foam systems, \$149.00

### EVALUATION OF ENERGY SAVINGS (TC 257)

[ISO 17743:2016](#), Energy savings - Definition of a methodological framework applicable to calculation and reporting on energy savings, \$123.00

### FASTENERS (TC 2)

[ISO 4759-3:2016](#), Tolerances for fasteners - Part 3: Washers for bolts, screws and nuts - Product grades A, C and F, \$88.00

### HEALTH INFORMATICS (TC 215)

[ISO 17523:2016](#), Health informatics - Requirements for electronic prescriptions, \$123.00

[ISO/IEEE 11073-10419:2016](#), Health informatics - Personal health device communication - Part 10419: Device specialization - Insulin pump, \$265.00

[ISO/IEEE 11073-10424:2016](#), Health informatics - Personal health device communication - Part 10424: Device specialization - Sleep apnoea breathing therapy equipment (SABTE), \$265.00

[ISO/IEEE 11073-10425:2016](#), Health informatics - Personal health device communication - Part 10425: Device specialization - Continuous glucose monitor (CGM), \$240.00

### MECHANICAL VIBRATION AND SHOCK (TC 108)

[ISO 16063-17:2016](#), Methods for the calibration of vibration and shock transducers - Part 17: Primary calibration by centrifuge, \$88.00

### NICKEL AND NICKEL ALLOYS (TC 155)

[ISO 8049:2016](#), Ferronickel shot - Sampling for analysis, \$173.00

### OPTICS AND OPTICAL INSTRUMENTS (TC 172)

[ISO 18189:2016](#), Ophthalmic optics - Contact lenses and contact lens care products - Cytotoxicity testing of contact lenses in combination with lens care solution to evaluate lens/solution interactions, \$88.00

### PAINTS AND VARNISHES (TC 35)

[ISO 4629-1:2016](#), Binders for paints and varnishes - Determination of hydroxyl value - Part 1: Titrimetric method without using a catalyst, \$88.00

[ISO 4629-2:2016](#), Binders for paints and varnishes - Determination of hydroxyl value - Part 2: Titrimetric method using a catalyst, \$51.00

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

[ISO 16486-4:2016](#), Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 4: Valves, \$123.00

### ROAD VEHICLES (TC 22)

[ISO 2575/Amd5:2016](#), Road vehicles - Symbols for controls, indicators and tell-tales - Amendment 5, \$22.00

[ISO 3536:2016](#), Road vehicles - Safety glazing materials - Vocabulary, \$51.00

### SAFETY DEVICES FOR PROTECTION AGAINST EXCESSIVE PRESSURE (TC 185)

[ISO 4126-1/Amd1:2016](#), Safety devices for protection against excessive pressure - Part 3: Safety valves and bursting disc safety devices in combination - Amendment 1, \$22.00

[ISO 4126-5/Amd1:2016](#), Safety devices for protection against excessive pressure - Part 5: Controlled safety pressure relief systems (CSPRS) - Amendment 1, \$22.00

[ISO 4126-7/Amd1:2016](#), Safety devices for protection against excessive pressure - Part 7: Common data - Amendment 1, \$22.00

### SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 13073-3:2016](#), Ships and marine technology - Risk assessment on anti-fouling systems on ships - Part 3: Human health risk assessment method of biocidally active substances used in anti-fouling paints on ships during the application and removal processes, \$200.00

## ISO Technical Reports

### OTHER

[ISO/TR 16476:2016](#), Reference materials - Establishing and expressing metrological traceability of quantity values assigned to reference materials, \$149.00

## ISO Technical Specifications

### HEALTH INFORMATICS (TC 215)

[ISO/TS 20440:2016](#), Health informatics - Identification of medicinal products - Implementation guide for ISO 11239 data elements and structures for the unique identification and exchange of regulated information on pharmaceutical dose forms, units of presentation, routes of administration and packaging, \$200.00

**PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)**

[ISO/TS 16975-2:2016](#), Respiratory protective devices - Selection, use and maintenance - Part 2: Condensed guidance to establishing and implementing a respiratory protective device programme, \$123.00

**PHOTOGRAPHY (TC 42)**

[ISO/TS 17321-4:2016](#), Graphic technology and photography - Colour characterization of digital still cameras (DSCs) - Part 4: Programmable light emission system, \$173.00

**TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)**

[ISO/TS 21219-14:2016](#), Intelligent transport systems - Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) - Part 14: Parking information application (TPEG2-PKI), \$200.00

[ISO/TS 21219-15:2016](#), Intelligent transport systems - Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) - Part 15: Traffic event compact (TPEG2-TEC), \$240.00

**ISO/IEC JTC 1, Information Technology**

[ISO/IEC 29146:2016](#), Information technology - Security techniques - A framework for access management, \$173.00

[ISO/IEC 27033-6:2016](#), Information technology - Security techniques - Network security - Part 6: Securing wireless IP network access, \$149.00

**IEC Standards****POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)**

[IEC/IEEE 61850-9-3 Ed. 1.0 en:2016](#), Communication networks and systems for power utility automation - Part 9-3: Precision time protocol profile for power utility automation, \$73.00

# 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 issued 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 report proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat disseminates the information to all WTO Members. The purpose of this requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology

(NIST), distributes these proposed foreign technical regulations to U.S. stakeholders via an online service, Notify U.S. Notify U.S. is an e-mail and Web service that allows interested U.S. parties to register, obtain notifications, and read full texts of regulations from countries and for industry sectors of interest to them. To register for Notify U.S., please go to Internet URL: <http://www.nist.gov/notifyus/> and click on "Subscribe".

NCSCI is the WTO TBT Inquiry Point for the U.S. and receives all notifications and full texts of regulations to disseminate to U.S. Industry. For further information, please contact: NCSCI, NIST, 100 Bureau Drive, Gaithersburg, MD 20899-2160; Telephone: (301) 975-4040; Fax: (301) 926-1559; E-mail: [ncsci@nist.gov](mailto:ncsci@nist.gov) or [notifyus@nist.gov](mailto:notifyus@nist.gov).



# Information Concerning

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## American National Standards

### 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 its oversight of programs of its 40+ Technical Committees. Additionally, the INCITS Executive Board exercises international leadership in its role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

The INCITS Executive Board has eleven membership categories that can be viewed at <http://www.incits.org/participation/membership-info>. Membership in all categories is always welcome. INCITS also seeks to broaden its membership base and looks to recruit new participants in the following under-represented membership categories:

- **Producer – Hardware**

This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

This category primarily produces software products for the ITC marketplace.

- **Distributor**

This category is for distributors, resellers or retailers of conformant products in the ITC industry.

- **User**

This category includes entities that primarily rely on standards in the use of a products/service, as opposed to producing or distributing conformant products/services.

- **Consultants**

This category is for organizations whose principal activity is in providing consulting services to other organizations.

- **Standards Development Organizations and Consortia**

- o "Minor" an SDO or Consortia that (a) holds no TAG assignments; or (b) holds no SC TAG assignments, but does hold one or more Work Group (WG) or other subsidiary TAG assignments.

- **Academic Institution**

This category is for organizations that include educational institutions, higher education schools or research programs.

- **Other**

This category includes all organizations who do not meet the criteria defined in one of the other interest categories.

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, please contact Jennifer Garner at 202-626-5737 or [jgarner@itic.org](mailto:jgarner@itic.org). Visit [www.INCITS.org](http://www.INCITS.org) for more information regarding INCITS activities.

### Calls for Members

#### 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 ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.

Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at [www.scte.org](http://www.scte.org) or by e-mail from [standards@scte.org](mailto:standards@scte.org).

## ANSI Accredited Standards Developers

### Approvals of Reaccreditations

#### Building Owners and Managers Association International (BOMA)

The reaccreditation of the Building Owners and Managers Association International (BOMA), an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under its recently revised operating procedures for documenting consensus on BOMA-sponsored American National Standards, effective June 8, 2016. For additional information, please contact: Ms. Karen Penafiel, CAE, Vice President, Advocacy, Codes & Standards, Building Owners and Managers Association International, 1101 15th Street, NW, Suite 800, Washington, DC 20005; phone: 202.326.6323; e-mail: [kpenafiel@boma.org](mailto:kpenafiel@boma.org).

#### National Council for Prescription Drug Programs (NCPDP)

ANSI's Executive Standards Council has approved the reaccreditation of the National Council for Prescription Drug Programs (NCPDP), an ANSI Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on NCPDP-sponsored American National Standards, effective June 7, 2016. For additional information, please contact: Ms. Kitty Krempin, Advisor, Standards Development, National Council for Prescription Drug Programs, 9240 Raintree Drive, Scottsdale, AZ 85260; phone: 480.477.1000, ext. 134; e-mail: [kkrempin@ncdpd.org](mailto:kkrempin@ncdpd.org).

# ANSI Accreditation Program for Greenhouse Gas Validation/Verification Bodies

## Reaccreditation

Environmental Services, Inc.

**Comment Deadline: July 11, 2016**

In accordance with the following ISO standard:

ISO 14065:2013, Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

### Environmental Services, Inc.

Janice McMahon  
7220 Financial Way  
Jacksonville, FL 32256  
Phone: 330-833-9941  
E-mail: jcmahon@esinc.cc

On June 03, 2016, the ANSI Accreditation Program for Greenhouse Gas Validation/Verification Bodies granted reaccreditation to Environmental Services, Inc. for the following:

#### Scope:

*Verification of assertions related to GHG emissions and removals at the organizational level*

- 01. General
- 02. Manufacturing
- 03. Power Generation
- 05. Mining and Mineral Production
- 06. Metals Production
- 07. Chemical Production
- 08. Oil and gas extraction, production and refining including petrochemicals
- 09. Waste

*Validation of assertions related to GHG emission reductions & removals at the project level*

- 03. Land Use and Forestry

*Verification of assertions related to GHG emission reductions & removals at the project level*

- 03. Land Use and Forestry

Please send your comments by July 11, 2016 to Ann Howard, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: ahoward@ansi.org.

## Withdrawal (Voluntary)

Agri-Waste Technology, Inc.

**Comment Deadline: July 11, 2016**

In accordance with the following ISO standards:

ISO 14065:2013, Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

### Agri-Waste Technology, Inc.

Chris Mosley  
501 North Salem Street, Suite 203,  
Apex, NC 27502  
Phone: 919-859-0669  
E-mail: cmosley@agriwaste.com

On May 31, 2016, the ANSI Accreditation Program for Greenhouse Gas Validation/Verification Bodies accepted a request from Agri-Waste Technology, Inc. to voluntarily withdraw its accreditation for the following:

#### Scopes:

*Verification of assertions related to GHG emissions and removals at the project level:*

- 03. Land Use and Forestry
- 05. Livestock
- 06. Waste Handling and Disposal

Please send your comments by July 11, 2016 to Ann Howard, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: ahoward@ansi.org.

## International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical  
Activity

Pharmaceutical Preparation Machinery

**Comment Deadline: Friday, June 24, 2016**

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

Standardization of pharmaceutical preparation machinery, including terminology, classification, requirements and test methods.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, June 24, 2016.

## Meeting Notices

### AHRI Meetings

**Development of AHRI Standard 545P,  
Performance Rating of Modulating Positive  
Displacement Refrigerant Compressors and  
Compressor Units**

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on June 14 from 3 p.m. to 4:30 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Justin Prosser at jprosser@ahrinet.org.

**Development of AHRI Standard 1520P**

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on June 14 from 8 p.m. to 9 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Justin Prosser at jprosser@ahrinet.org.

# Information Concerning

## International Electrotechnical Commission (IEC)

### IEC Approves New Systems Committee (SyC) on Electrotechnical Aspects of Smart Cities

Draft Scope: To foster the development of standards in the field of electrotechnology to help with the integration interoperability and effectiveness of city systems.

Purpose and Justification: In 2014 the IEC Market Strategy Board published a white paper titled “Orchestrating infrastructure for sustainable Smart Cities”. This white paper provided guiding principles and a high level overview for the needs of standardization in the domain of smart cities. The white paper also identified that electricity is core to any urban infrastructure system, and the key enabler of a city’s development; as such, the IEC has a specific role to play in the development of a smart city’s set of standards.

The Systems Evaluation Group (SEG 1) for Smart Cities instituted a subjective methodology to identify some already perceived market needs for standardization in specific areas in the field of smart cities. As an end result, eight WGs were formed and over the course of the last 18-20 months, completed their research in order to verify the systems level standardization needs in their designated fields of study and the relations with other stakeholders.

The areas within a city as identified by SEG1 where systems level standardization are needed are:

1. City service continuity
2. Urban planning and simulation system
3. City facilities management (CFM)
4. Use case – Smart home
5. Use case – Smart education
6. Smart cities assessment
7. Standards Development using cities effectively implementing Smart City projects as a piloting benchmark for Smart Cities Implementation
8. Mobility and logistics

The U.S. National Committee has indicated that it agrees with the scope proposed for this new IEC SyC and that it wishes to register as a Participating Member and would like to actively participate. If the USNC is to become a P Member, a Technical Advisory Group (TAG) will have to be established and a TAG Administrator will have to be assigned. If any entities are interested in the position of TAG Administrator, they are invited to contact Tony Zertuche, USNC General Secretary, at 212-642-4892 (phone), 212-730-1346 (fax), or [tzertuche@ansi.org](mailto:tzertuche@ansi.org) (e-mail).

# Information Concerning

## International Organization for Standardization (ISO)

### ISO New Work Item Proposal

### Chain of Custody – Transparency and Traceability – Generic Requirements for Supply Chain Actors

**Comment Deadline: June 24, 2016**

NEN, the ISO member body for the Netherlands, has submitted to ISO a new work item proposal for the development of an ISO standard on Chain of Custody – Transparency and traceability – Generic requirements for supply chain actors, with the following scope statement:

*The overall scope of work is standardization in the field of chain of custody (CoC) terminology and requirements for all products with specified characteristics. The objective is to increase transparency and facilitate market access, especially for smaller companies and developing countries.*

*This standard differs from existing ISO initiatives by defining the requirements and traceability levels independently of sectors, raw materials, products, and issues addressed. It lays down a set of generic requirements to ensure that products with specified characteristics sold or shipped by a supply chain actor (SCA), can be physically and/or administratively connected to a corresponding amount of input material with the same specified characteristics. It does not intend to set requirements on the input or output material or limitations to specific product characteristics such as sustainability, safety or source. It does however provide guidance for describing characteristics.*

*This International Standard is intended to increase transparency in value chains by specifying traceability requirements for the individual supply chain actors. This international standard can be used in all sectors and for all products with specific characteristics, which are transferred between two or more SCA's. Services are not included.*

*This standard defines commonly used supply chain models, their traceability levels and their specific requirements regarding administration, physical handling activities, conversion rates, transactions and stock activities relating to the product et cetera. These fundamental concepts and principles of chain of custody management cover the whole supply chain and are universally applicable to the following stakeholders:*

- *organizations seeking sustained success through the implementation of a chain of custody management system;*
- *customers seeking confidence in an organization's ability to consistently provide products and services conforming to their requirements;*
- *organizations seeking confidence in their supply chain that product and service requirements will be met;*
- *organizations and interested parties seeking to improve communication through a common understanding of the vocabulary used by supply chain actors;*
- *developers of related standards.*

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team ([isot@ansi.org](mailto:isot@ansi.org)), with a submission of comments to Steve Cornish ([scornish@ansi.org](mailto:scornish@ansi.org)) by close of business on Friday, June 24, 2016.

## Information Concerning

### **International Organization for Standardization (ISO) ISO Proposal for a New Field of ISO Technical Activity Organizational Governance Comment Deadline: Friday, July 1, 2016**

BSI, the ISO member body for the United Kingdom, has submitted to ISO a proposal for a new field of ISO technical activity on Organizational Governance, with the following scope statement:

*Standardization of organizational governance, including aspects of accountability, direction and control – which may include principles of governance, anti-bribery, conflict of interest, due diligence, whistleblowing, compliance, remuneration structures and external reporting, amongst others.*

*This proposal is for a new technical committee in the field of organizational governance. For the purposes of this proposal, governance may be defined as a "system by which the whole organization is directed, controlled and held accountable to achieve its core purpose over the long term". The term "corporate governance" is typically used for the governance of private and publicly-listed companies.*

*The TC would develop and maintain standards applicable for all organizations to improve the effective delivery of governance. This proposal recognizes that, although interrelated, there is an important distinction between management and governance. The above definition of governance places it into a context of accountability whereas management can be deemed to be "the act of bringing people together to accomplish desired goals and objectives, using available resources in an efficient, effective and risk-aware manner." While governance is linked to management, it is distinct from it because it deals with the accountability of a whole organization to all of its stakeholders and helps ensure that the organization, as a whole, fulfills its full purpose. Thus, governance is a unique area that merits a distinct portfolio of work, separate but complementary to management standards.*

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team ([isot@ansi.org](mailto:isot@ansi.org)), with a submission of comments to Steve Cornish ([scornish@ansi.org](mailto:scornish@ansi.org)) by close of business on Friday, July 1, 2016.



**BSR/ASHRAE/ASHE Addendum j  
to ANSI/ASHRAE/ASHE Standard 170-2013**

**Public Review Draft**

**Proposed Addendum j to  
Standard 170-2013, Ventilation of  
Health Care Facilities**

**First Public Review (May 2016)  
(Draft shows Proposed Changes to Current Standard)**

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

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, [www.ashrae.org](http://www.ashrae.org).

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**ASHRAE, 1791 Tullie Circle, NE, Atlanta GA 30329-2305**

BSR/ASHRAE/ASHE Addendum j to ANSI/ASHRAE/ASHE Standard 170-2013, *Ventilation of Health Care Facilities*

First Public Review Draft

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

## FOREWORD

*This proposed addendum describes the allowable types of air distribution devices, since the current edition of the referenced document no longer includes the Group definitions.*

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

## Addendum j to 170-2013

*Revise Table 6.7.2 as shown below.*

**TABLE 6.7.2 Supply Air Outlets**

Space Designation (According to Function)	Supply Air Outlet Classification <sup>a</sup>
Operating rooms <sup>ba</sup> , procedure rooms	<p><del>Primary supply diffusers Group E, nonaspirating additional Supply Diffusers, Group E</del>  <u>Primary supply diffusers: Non-aspirating outlets mounted in the ceiling that project primary air vertically</u></p> <p><u>Additional supply diffusers: Outlets mounted in the ceiling that project primary air vertically</u></p>
Protective environment (PE) rooms	<p><del>Group E, nonaspirating</del>  <u>Non-aspirating outlets mounted in the ceiling that project primary air vertically</u></p>
Wound intensive-care units (burn units)	<p><del>Group E, nonaspirating</del>  <u>Non-aspirating outlets mounted in the ceiling that project primary air vertically</u></p>
Trauma rooms (crisis or shock)	<p><del>Group E, nonaspirating</del>  <u>Non-aspirating outlets mounted in the ceiling that project primary air vertically</u></p>
All rooms	<p><del>Group A or Group E</del>  <u>Outlets mounted in or near the ceiling that project primary air vertically or horizontally</u></p>
Single-bed patient rooms <sup>eb</sup>	<p><del>Group A, Group D, or Group E</del>  <u>Outlets mounted in or near the ceiling that project primary air vertically or horizontally</u></p> <p><u>or</u></p>

BSR/ASHRAE/ASHE Addendum j to ANSI/ASHRAE/ASHE Standard 170-2013, *Ventilation of Health Care Facilities*

First Public Review Draft

	<u>Outlets mounted near the floor that discharge air horizontally</u>
All other patient-care spaces	<del>Group A or Group E</del> <u>Outlets mounted in or near the ceiling that project primary air vertically or horizontally</u>
All other spaces	No requirement

**Notes:**

- a. ~~Refer to the 2009 ASHRAE Handbook – Fundamentals, Chapter 20 (see ASHRAE [2009 in Informative Appendix B), for definitions related to outlet classification and performance.~~
- a.b. Surgeons may require alternate air distribution systems for some specialized surgeries. Such systems shall be considered acceptable if they meet or exceed the requirements of this standard.
- b.e. Air distribution systems using ~~Group D~~ low-level displacement diffusers shall meet the following requirements:
1. The system shall be designed according to “Design Guidelines” in Chapter 7 of *ASHRAE System Performance Evaluation and Design Guidelines for Displacement Ventilation*.<sup>11</sup>
  2. The supply diffuser shall be located where it cannot be permanently blocked (e.g., opposite the foot of the bed.)
  3. The room return/exhaust grille shall be located in the ceiling, approximately above the head of the patient bed.
  4. The transfer grille to the toilet room shall be located above the occupied zone.

**Revise Informative Appendix B as shown below. The remainder of the appendix is unchanged.**

## INFORMATIVE APPENDIX B

### INFORMATIVE REFERENCES AND BIBLIOGRAPHY

~~ASHRAE. 2009. ASHRAE Handbook – Fundamentals, Chapter 20, “Space Air Diffusion.” Atlanta: ASHRAE.~~





**BSR/ASHRAE/ASHE Addendum k  
to ANSI/ASHRAE/ASHE Standard 170-2013**

**Public Review Draft**

**Proposed Addendum k to  
Standard 170-2013, Ventilation of  
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This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, [www.ashrae.org](http://www.ashrae.org).

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**ASHRAE, 1791 Tullie Circle, NE, Atlanta GA 30329-2305**

BSR/ASHRAE/ASHE Addendum k to ANSI/ASHRAE/ASHE Standard 170-2013, *Ventilation of Health Care Facilities*  
First Public Review Draft

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

## FOREWORD

*This proposed addendum clarifies the requirements for Electro-Convulsive Therapy (ECT) Rooms. While these rooms are often referred to as “procedure” rooms, they are not used to perform the procedures typically performed in Procedure Rooms.*

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

## Addendum k to 170-2013

*Revise Table 7.1 as shown below. The remainder of Table 7.1 is unchanged.*

**TABLE 7.1 Design Parameters**

Function of Space	Pressure Relationship to Adjacent Areas (n)	Minimum Outdoor ach	Minimum Total ach	All Room Air Exhausted Directly to Outdoors (j)	Air Recirculated by Means of Room Units (a)	Design Relative Humidity (k), %	Design Temperature (l), °F/°C
<b>DIAGNOSTIC AND TREATMENT</b>							
<u>ECT procedure room</u>	<u>NR</u>	<u>2</u>	<u>4</u>	<u>NR</u>	<u>NR</u>	<u>max 60</u>	<u>72–78/22–26</u>



**BSR/ASHRAE/ASHE Addendum m  
to ANSI/ASHRAE/ASHE Standard 170-2013**

**Public Review Draft**

**Proposed Addendum m to  
Standard 170-2013, Ventilation of  
Health Care Facilities**

**First Public Review (May 2016)  
(Draft shows Proposed Changes to Current Standard)**

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

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, [www.ashrae.org](http://www.ashrae.org).

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**ASHRAE, 1791 Tullie Circle, NE, Atlanta GA 30329-2305**

BSR/ASHRAE/ASHE Addendum m to ANSI/ASHRAE/ASHE Standard 170-2013, *Ventilation of Health Care Facilities*

First Public Review Draft

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

## FOREWORD

*This addendum proposes an alternate form of providing humidification. It also includes a reorganization of Section 6.6 for clarity.*

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

## Addendum m to 170-2013

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**Revise Section 6.6, as shown below, which includes a reorganization for clarity.**

**6.6 Humidifiers.** When outdoor humidity and internal moisture sources are not sufficient to meet the requirements of Table 7.1, humidification shall be provided by means of the ~~health-care-facility~~ air-handling systems. Steam or adiabatic high pressure water atomizing humidifiers shall be used.

### **6.6.1 General Requirements.**

- a. Locate humidifiers within air-handling units or ductwork to avoid moisture accumulation in downstream components, including filters and insulation.
- b. A humidity sensor shall be provided, located at a suitable distance downstream from the steam injection source.
- c. Controls shall be provided to limit duct humidity to a maximum value of 90% rh when the humidifier is operating.
- d. Duct takeoffs shall not be located within the humidifier's absorption distance.
- e. Humidifier ~~steam~~-control valves shall be designed so that they remain off whenever the air-handling unit is not in operation.

**6.6.2 Steam Humidifier Requirements.** Chemical additives used in the steam systems that serve humidifiers ~~for steam humidifiers serving health-care facilities~~ shall comply with FDA requirements.<sup>1</sup>

### **6.6.3 Adiabatic Atomizing Humidifier Requirements.**

- a. Humidifier water shall be treated with a reverse osmosis process, including a UV-C sterilization light source and a sub-micron filter.
- b. Treated humidifier water shall be continuously circulated from the source, to the humidifier valves. All valves, headers, and piping not part of the recirculation loop shall drain when not in use.
- c. Testing ports shall be provided in the treated humidifier water piping system.
- d. Moisture eliminators shall be provided, as required, to prevent moisture accumulation in ductwork.
- e. Storage of treated or untreated water is not permitted.

**BSR/ESD S20.20-201x**

Changes to Table 3

Table 3 should now be modified to state “Tip to Ground or Groundable Point” for the test method to be used for both product qualification and compliance verification required limits.

Additionally, only ESD TR53 should be referenced for the compliance verification test procedure.

These changes are necessary to include the Tip to Groundable Point test method that is included in ANSI/ESD S13.1-2015.

Correct Version

**Table 3. EPA ESD Control Items**

Technical Requirement	ESD Control Item	Product Qualification <sup>1</sup>		Compliance Verification	
		Test Method	Required Limit(s) <sup>2</sup>	Test Method	Required Limit(s)
	Electrical Soldering / Desoldering Hand Tools	ANSI/ESD S13.1	Tip to Ground or Groundable Point < 2.0 ohms	ESD TR53 Soldering Iron Section	Tip to Ground or Groundable Point < 10 ohms
			Tip < 20 millivolts		
			Tip Leakage < 10 milliamps		

Track Change Version

Electrical Soldering / Desoldering Hand Tools	ANSI/ESD S13.1	Tip to Ground <u>or</u> Groundable Point < 2.0 ohms	ESD TR53 Soldering Iron Section <del>Of</del> <del>ANSI/ESD S13.1</del> <del>Section 6.1</del>	Tip to Ground <u>or</u> Groundable Point < 10 ohms
		Tip < 20 millivolts		
		Tip Leakage < 10 milliamps		
			ESD TR53	

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## NSF/ANSI International Standard for Food Equipment —

# Commercial cooking, rethermalization, and powered hot food holding and transport equipment

## 5 Design and construction

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### 5.49 Open heated merchandisers

**5.49.1** If an open heated merchandiser can operate automatically in a reduced energy mode, the unit shall be constructed with an indicator to signify when the product is operating in the reduced energy mode. If the unit is constructed with multiple, independently heated zones operated by independent sensors, an indicator shall be provided for each zone that is visible to the user upon installation of the equipment.

**5.49.2** For open heated merchandisers capable of operating in a reduced energy mode using sensors to detect the presence of a food load, the food holding area shall be clearly identified on the merchandiser.

*Rationale: NSF/ANSI Standard 4 does not currently address the potential food safety concerns of a sensor malfunction when potentially hazardous food is placed in/on reduced energy type of Hot Food Equipment. This new section language was constructed to address the need for the presence of an indicator as well as indicating the location of the food holding area under operation.*

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## 6.7 Open heated merchandisers

### 6.7.2 Test method

**6.7.2.1** The performance of open heated merchandisers shall be evaluated within a test chamber maintained under the following conditions for the duration of the test:

- ambient temperature of  $73 \pm 3$  °F ( $23 \pm 2$  °C) as measured approximately 10 in (250 mm) from the test unit and 36 in (914 mm) from the floor; and
- no vertical temperature gradient exceeding 1.5 °F per foot (2.5 °C per meter); and
- no air currents with velocities greater than 50 ft/min (15.2 m/min) across the surfaces of the test containers

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**6.7.2.2** The test unit shall be preheated in accordance with the manufacturer's operating instructions before the unit is loaded. If the test unit is designed to automatically operate in a reduced energy (energy efficient) mode until food is placed in the unit, the unit shall be preheated in the low energy mode. If the temperature for the low energy mode is not preprogrammed, the manufacturer's operating manual shall be reviewed to determine the lowest recommended setting specified. The test unit shall be loaded with samples of test media prepared and conditioned in accordance with Annex A, A.3, including proper thermocouple placement. The time required to transfer a single sample from the oven/holding cabinet to the test unit shall not exceed 5 min. Care should be taken to limit the disturbance of the test media during transfer of test sample containers.

The test unit shall be loaded with five test sample containers in an "x" pattern according to figure 10 or as close as possible to that configuration if space or the shape of the unit limits the placement of test sample containers. In square or rectangular merchandiser units, the sample containers shall be placed 1.0 in (25 mm) from each side of a corner with the broadest side of the container aligned in parallel with the longer of the unit sides. For round, octagonal, or other merchandiser units, the sample containers shall be placed in the units so that the corners of the broadest side of a test sample container are 1.0 in (25 mm) from the side of the unit. If the unit has a center support or other obstruction, the center test sample shall be placed as close to the geometric center as possible with the broadest part of the test sample 1.0 in (25 mm) from the support or obstruction.

*Rationale: This new language was added to the current test method to include the open heated merchandisers with sensors that are activated when the operating area of the reduced energy mode equipment is loaded with food product.*

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## **6.8 Open heated merchandisers with a reduced energy (energy conserving) mode and sensors - horizontal sensor activation**

**6.8.1** If an open heated merchandiser is intended to operate in a reduced energy mode until a food load is detected, the sensor shall energize the heat source as intended when a food load is placed in the path of the sensor and receiver.

### **6.8.2 Test Method**

**6.8.2.1** The test shall be performed using the test media prepared in A.3. Thermocouples shall not be present and preheating of the mass is not required.

**6.8.2.2** A food load shall be placed in the center of the path of a sensor. It will then be confirmed that the heating element energizes as intended in response to the presence of the food load. The heating element shall remain energized for at least two minutes. After two minutes, remove the food load and allow the unit to cycle off the heat source for five minutes. It must be confirmed that the reduced energy mode indicator turns on during this time.

**6.8.2.3** Each sensor shall be examined three times according to 6.8.3, using the food load in A.3.

**6.8.2.4** Using two samples of the food load prepared in A.3, position the samples between the same two sensors so that the long sides of the samples are parallel to the path of the sensor. The two samples shall be inserted so that they are pushed together from their outside edges so that they converge roughly in the center

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of the path of the sensor. Confirm that the heating element energizes as intended in response to the presence of the food load. The heating element shall remain energized for at least two minutes. After two minutes, remove the food load and allow the unit to cycle off the heat source for five minutes.

**6.8.2.5** Each sensor shall be examined three times according to 6.8.5.

### **6.8.3 Acceptance Criteria**

For each food load, the heat source shall energize within 15 seconds and remain energized as intended for at least two minutes. When the food load is removed from the path of the sensors, it must be confirmed that the reduced energy mode indicator was activated during the five minutes that the food load was removed from the unit.

*Rationale: This new sub-section was added to the performance section 6 to specify characteristics exclusive to open heated merchandisers with energy conserving modes. This section clarifies the importance of the location of the food load, as well as the operation of the sensor itself.*



## BSR/UL 147B, Standard for Safety for Nonrefillable (Disposable) Type Metal Container Assemblies for Butane

### 1. Revise construction requirements for pressure vessel

#### PROPOSAL

6.2 The pressure vessel shall be seamless or with seams. Side wall seam shall be of welded construction. Circumferential seams shall be by welding, swedging, brazing, soldering, or double seaming, or triple seaming. The ends shall be concave or convex.

### 2. Update requirements for protective coatings

#### PROPOSAL

~~8.5 A protective coating shall resist corrosion to the degree not less than that provided by the protective coatings specified in 8.6.~~

~~8.6 Cadmium plating shall have a thickness of not less than 0.0003 inch (0.008 mm), and zinc plating shall have a thickness of not less than 0.0005 inch (0.013 mm).~~

~~*Exception: If threads constitute the major portion of the area of a part, the thickness of the cadmium or zinc plating may be not less than 0.00015 inch (0.0038 mm).*~~

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## **BSR/UL 1042, Standard for Safety for Electric Baseboard Heating Equipment**

### **1. Clarification of Requirements for Heating Elements**

13.1A A sheath type heating element shall comply with the Standard for Sheathed Heating Elements, UL 1030.

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## BSR/UL 1278, Standard for Safety for Movable and Wall- or Ceiling-Hung Electric Room Heaters

### 1. Clarification of Alarms

30.1 A heater intended for residential use that is provided with an over-temperature limit control shall include an audible or visual alarm to indicate that the limit control has operated. See 30.2 and 30.3. The alarm shall become energized when the limit control functions to de-energize the heating elements. ~~For an automatically-resetting temperature limiting control, when the temperature limiting control reconnects electric power to the heating element (s), the alarm may be de-energized or it may remain energized until de-energized manually.~~ For a manual-reset temperature limiting control that operates as an automatic reset type when the reset means is held, the alarm shall remain energized until the temperature limiting control is reset.

*Exception: Heaters that use the following types of temperature limit controls:*

- a) *Manual reset type temperature limit control that will not operate as automatic reset type control when the reset means is held in the reset position. See 29.1; or*
- b) *Thermal cutoff.*

### 2. Clarification of the Static Load Test for Hanging Means

18.1 When subjected to the test specified in 18.2 - 18.3, a cord-connected wall- or ceiling-surface hung ~~or direct plug-in~~ appliance shall comply with the following:

- a) The security of the attachment of the appliance to the wall shall not be adversely affected;
- b) There shall be no evidence of a risk of fire or electric shock;
- c) The insulation resistance between live and dead-metal parts shall not be less than 50,000 ohms; and
- d) The appliance shall withstand for 1 minute without breakdown the application of a 60-hertz essentially sinusoidal potential of 1000 volts between live and dead-metal parts.

### 3. Clarification of Requirements for Heating Elements

21.1A A sheath type heating element shall comply with the Standard for Sheathed Heating Elements, UL 1030.

### 4. UL 1278 Editorial Corrections

8.5 With respect to a part or wire as mentioned in 8.4, in an integral enclosure of a motor as mentioned in the exception to 8.4:

a) An opening that has a minor dimension (see 8.8) less than 3/4 inch (19.1 mm) is acceptable if:

1) Film-coated wire cannot be contacted by the probe illustrated in Figure 8.2;

2) In a directly accessible motor (see 8.9), an uninsulated live part cannot be contacted by the probe illustrated in Figure 8.4; or

3) In an indirectly accessible motor (see 8.9), an uninsulated live part cannot be contacted by the probe illustrated in Figure 8.1.

b) An opening that has a minor dimension of 3/4 inch (~~15.1~~ 19.1 mm) or more is acceptable if a part or wire is spaced from the opening as specified in Table 8.1.

26.6 A fuse may be used to provide the necessary overload protection if the construction complies with the requirements with the largest-ampere-rated fuse that can be mounted in the fuseholder or with the intended noninterchangeable fuse. The fuse used to provide this protection need not be of a type required for branch-circuit protection, provided the heater is marked in accordance with ~~67.8~~ 67.9.

31.3 The requirement in 31.2 does not apply if, in order to remove or replace a lamp, it is necessary to dismantle the heater by means of tools. See ~~67.5~~ 67.6.

37.1 If a heater is intended to be shipped with the legs or base detached, the tests are to be conducted with the legs or base in place, as well as detached.

*Exception No. 1: The requirement for tests with the legs or base detached is not applicable to a heater that will not stand upright without the base or legs installed and is obviously intended for operation in the upright position, or to a heater that cannot be operated with the legs or base detached.*

*Exception No. 2: The requirement for tests with the legs or base detached is not applicable to a heater that is marked in accordance with ~~67.18~~ 67.19.*

## **BSR/UL 2021, Standard for Safety for Fixed and Location-Dedicated Electric Room Heaters**

### **1. Clarification of Requirements for Heating Elements**

16.1A A sheath type heating element shall comply with the Standard for Sheathed Heating Elements, UL 1030.

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ExSC\_053\_2016

June 10, 2016

**Proposed Draft Revisions to ANSI's Appeals Procedures: ANSI Appeals Board, ANSI Board of Standards Review (BSR) and ANSI Executive Standards Council (ExSC)**

The proposed revisions that follow are intended to clarify and refine ANSI's appeals processes concerning appeals to the ANSI Appeals Board (the final level of appeal at ANSI), the ANSI Executive Standards Council (ExSC) and the ANSI Board of Standards Review (BSR). A version of these revisions shown in strikethrough and underline format follows the version immediately below.

### **ANSI Appeals Board**

#### **1 Authority and scope**

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.

The Appeals Board shall consider appeals by directly and materially affected persons<sup>1</sup> 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 ANSI, whether in the form of action or inaction, in the implementation of the following ANSI procedures:

*ANSI-ACC-CA-003 ANSI Policy and Criteria for Accreditation of Personnel Certification Programs*

...

*Operating Procedures of the United States National Committee of the International Electrotechnical Commission (IEC)*

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, Accreditation Committee for Product Certifiers). Any decision that is appealed shall not be reversed by the ANSI Appeals Board unless the Appeals Board finds that such decision is clearly erroneous.<sup>2</sup> 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.

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<sup>1</sup>"Persons" includes organizations, companies, government agencies, individuals etc.

<sup>2</sup> If an appropriate and persuasive argument is presented to the Appeals Board that the decision appealed from is incorrect, the Appeals Board may reverse, remand or reverse and remand. If the Appeals Board remands the appeal back to the body that rendered the decision, it will do so with instructions to take further action.

## 11 Appeals process

### 11.1 Appeal

All appeals shall be made in writing and shall be directed to the secretary of the Appeals Board on or before midnight Eastern time of the due date. 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.”

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) documentary evidence that directly supports appellant’s position and upon which appellant relies; 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 appeal shall be submitted to the secretary of the Appeals Board along with the required filing fee. The filing fee may be waived or reduced only upon sufficient evidence of hardship.

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-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-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-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 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. 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.

If the Appeals Board determines that a *prima facie* case has been established, the secretary of the Appeals Board will so notify all parties to the appeal that a hearing will be scheduled.

### **11.3 Response**

If the respondent receives an Appeals Board determination that a *prima facie* case has been established, the respondent shall have fifteen-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-working-days following receipt by the respondent of the Appeals Board determination.

If the respondent is unable to provide the required response within fifteen-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-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
- b) documentary 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 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-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, two types of letters of support will be accepted within the fifteen-working-day response period established per 11.3 Response:

- **Amicus Curiae:** A person or organization that is not a party to the appeal and who has not been solicited by any of the parties may request permission from the Appeals Board Secretary to offer information in the form of an “amicus letter” that bears on the appeal to assist the Appeals Board. The request for permission to file an amicus letter may not exceed one single-space page in length, should state the name and affiliation of the requestor, the requestor’s interest in the appeal, the reason why the requestor believes an amicus letter is desirable and why the requestor believes the matters it intends to assert are relevant to the disposition of the appeal.
- **Party Supporter:** 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 amicus curiae (if permitted) or party-supporting letters shall be clearly marked as such, may not include new evidence, may not exceed three single-space pages in length 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-working-days notice of the hearing date. The names 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. 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**

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 the Appeals Board for their information. The Secretary of the Appeals Board shall notify in writing both the appellant and the respondent of the decision of the Appeals Board.

A decision reached by an Appeals Board panel after an appeals hearing, shall be sent to the parties by the secretary within a reasonable time of the hearing. The hearing decision shall specify the outcome of the appeal, the reasons for such outcome, and the specific relief granted, if any. The Appeals Board action date will be the date of notification. The decision shall be announced in Standards Action.

## **13 Reconsideration**

Any party to an appeal may request reconsideration of an Appeals Board hearing 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-working-days after notification of the hearing decision by the Appeals Board. The opposing party will have ten-working-days to file a reply, subject to the same page and format restrictions.

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.

## **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 and any letters of support) 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*.

## **ANSI Board of Standards Review**

### **7 Appeal of action on American National Standards**

#### **7.1 Right to appeal**

All directly and materially affected persons<sup>3</sup> 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.

#### **7.2 Appeal**

All appeals shall be made in writing and shall be directed to the secretary of the ANSI BSR on or before midnight Eastern time of the due date.

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) documentary 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 appeal shall be submitted to the secretary along with the required filing fee. The filing fee may be waived or reduced only upon sufficient evidence of hardship.

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-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-working-day deadline, an extension may be requested, with the grounds for such request noted. Such request must be

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<sup>3</sup> "Persons" includes organizations, companies, government agencies, individuals etc.

directed to the secretary of the BSR, within the fifteen-working-day deadline or the appellant shall forfeit the right to appeal.

### **7.3 Response**

The appeal shall be distributed by the secretary of the BSR to the potential respondent to allow them the opportunity to respond, if they so desire. Thereafter, this party shall have fifteen-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) documentary 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 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-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-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 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 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 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-working-days notice of the hearing date. Panel members shall receive copies of the appeals record at least fifteen-working-days prior to the date of the appeals hearing. The names 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. 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 the BSR appeals panels shall require a majority vote of the panel, shall represent the decision of the BSR, and shall be provided to the BSR for their information. The Secretary of the BSR shall notify in writing both the appellant and the respondent of the decision of the BSR and provide a short statement identifying the basis for the decision. The BSR action date will be the date of notification. 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) 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.

#### **7.9 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*.

## ANSI Executive Standards Council

### 17 ExSC hearing of appeals

#### 17.1 Right to appeal

All directly and materially affected persons<sup>4</sup> 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 reaccreditation<sup>5</sup> 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 and shall be directed to the secretary of the ANSI ExSC on or before midnight Eastern time of the due date.

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;

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<sup>4</sup> "Persons" includes organizations, companies, government agencies, individuals etc.

<sup>5</sup> A "reaccreditation" action is the approval of revised procedures submitted by an ANSI-Accredited Standards Developer.

- e) documentary evidence that directly supports appellant's position and upon which appellant relies; 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 appeal shall be submitted to the secretary of the ExSC along with the required filing fee. The filing fee may be waived or reduced only upon sufficient evidence of hardship.

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-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 a developer's continuing status as an ANSI-Accredited Standards Developer. If the appellant is unable to provide the required appeals materials within the fifteen-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-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.

### **17.3 Response**

The appeal shall be distributed by the secretary of the ExSC to the potential respondent to allow them the opportunity to respond. Thereafter, this party shall have fifteen-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) documentary 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 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-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-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 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-working-days notice of the hearing date. Panel members shall receive copies of the appeals record at least fifteen-working-days prior to the date of the appeals hearing. The names 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. 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. The Secretary of the ExSC shall notify in writing both the appellant and the respondent of the decision of the ExSC and provide a short statement identifying the basis for the decision. The ExSC action date will be the date of notification. The outcome of the appeal shall be announced in *Standards Action*.

#### **18 ExSC Consideration of Complaints against ANSI Audited Designators**

If a formal complaint 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*.

If a formal complaint is lodged against an Audited Designator, 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) 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 complaint 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*.

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, the ExSC may 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.
- (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) 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.

**21 Appeal of ExSC actions**

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

**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*.

## Comparison of current appeals procedures with proposed revisions shown in ExSC 053-2016

### ANSI Appeals Board

#### 1 Authority and scope

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 ~~Bylaws~~By-laws of ANSI. The Board of Directors has determined that the Appeals Board shall be the final level of appeal within ANSI.

The Appeals Board shall consider appeals by directly and materially affected persons (~~organizations, companies, government agencies, individuals,~~<sup>1</sup> that have exhausted all other appeals available to them through ANSI and the like) who believe they have been, or will be, adversely affected by a decision of ANSI, whether in the form of action or inaction, in the implementation of the following ANSI procedures ~~as they may be amended from time to time (collectively known as the "ANSI procedures")~~:

*ANSI-ACC-CA-003 ANSI Policy and Criteria for Accreditation of Personnel Certification Programs*

...

*Operating Procedures of the United States National Committee of the International Electrotechnical Commission (IEC)*

The Appeals Board shall consider an appeal based on the evidence before the body of ANSI that ~~made~~rendered the decision from which the appeal is taken (*e.g.*, ANSI Board of Standards Review, ANSI Executive Standards Council), Accreditation Committee for Product Certifiers). Any decision that is appealed shall not be reversed by the ANSI Appeals Board unless the Appeals Board finds that such decision ~~was~~is clearly erroneous.<sup>2</sup> The burden of persuasion shall rest with the appellant. Pending ~~resolution~~a decision by the Appeals Board, the ~~original action or decision from which the decision-making body~~appeal is taken shall stand unless the decision-making body determines otherwise. remain in effect.

### 11 Appeals process

#### 11.1 Appeal

All appeals shall be made in writing and shall be directed to the ~~attention of the Secretary~~secretary of the Appeals Board on or before midnight Eastern time of the due date. 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."

<sup>1</sup>"Persons" includes organizations, companies, government agencies, individuals etc.

<sup>2</sup> If an appropriate and persuasive argument is presented to the Appeals Board that the decision appealed from is incorrect, the Appeals Board may reverse, remand or reverse and remand. If the Appeals Board remands the appeal back to the body that rendered the decision, it will do so with instructions to take further action.

~~An appeal shall be initiated by written notice of appeal to the secretary of the Appeals Board, along with a filing fee. This fee may be waived or reduced upon presentation of evidence by the appellant showing hardship. The notice of appeal shall be sent by certified mail or an overnight delivery service that can provide confirmation of delivery within fifteen (15) working days following receipt by the appellant of the final decision that is the subject of the appeal. The notice of appeal shall specify the decision from which the appeal is taken, the ANSI body that made the decision, a short statement of the matter in controversy, and the reason(s) why the appellant believes the decision is in error. The notice of appeal shall also list all other parties that appeared before the ANSI body with respect to the matter being appealed and contain a copy of the written decision, if any, from which the appeal is taken. In accordance with clause 1, *Authority and scope*, pending resolution by the Appeals Board, the original action of the decision making body shall stand unless the decision making body determines otherwise.~~

~~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;~~

~~In addition, it shall be the responsibility of the appellant to submit fifteen (15) copies of a written statement in support of the appeal to the secretary of the Appeals Board with the notice of appeal. The Appeal Statement shall include:~~

~~a) an explanation of the issue and the procedural history;~~

~~b) the specific reasons/arguments that explain why appellant believes the decision was in error and a reference;~~

~~c) references to the provision(s) of the ANSI procedures upon which appellant relies;~~

~~d) documentary evidence in support of that directly supports appellant's position, except that such evidence must have been before the ANSI body that made the decision from and upon which the appeal is taken;<sup>3</sup> appellant relies; and~~

~~e) the specific relief sought by appellant from the Appeals Board.~~

~~The brief appeal notice and statement (exclusive of exhibits) shall not be more than 30 pages, double-spaced, 12 point font or larger.~~

~~The appeal shall be submitted to the secretary of the Appeals Board along with the required filing fee. The filing fee may be waived or reduced only upon sufficient evidence of hardship.~~

~~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-working-days following receipt by the appellant of the final decision that is the subject of the appeal.~~

<sup>3</sup> ~~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 stay of the action being appealed shall remain in effect.~~

If the appellant is unable to provide the required appeals materials within the fifteen-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-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 the secretary of the Appeals Board to the Appeals Board members, subject to applicable conflict of interest procedures, and to the parties to the decision under appeal. 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.

If the Appeals Board determines that a *prima facie* case has been established, the secretary of the Appeals Board will so notify all parties ~~that appeared before the ANSI body that rendered the decision being appealed. Thereafter, these parties shall have fifteen (15) working days to submit fifteen (15) copies of a response to the appeal statement. to the appeal that a hearing will be scheduled.~~ The response shall include:

### **11.3 Response**

If the respondent receives an Appeals Board determination that a *prima facie* case has been established, the respondent shall have fifteen-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-working-days following receipt by the respondent of the Appeals Board determination.

If the respondent is unable to provide the required response within fifteen-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-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 ~~respondents believe~~ respondent believes the decision under appeal was correct and a reference to the provisions in the ANSI procedures upon which ~~they rely~~ the respondent relies; and

- b) ~~all documentary evidence in support of that directly supports respondent's position, except that such evidence must have been before the ANSI body that made the decision from and upon which the appeal is taken.~~ <sup>4</sup> respondent relies.

~~Upon receipt of the~~ The brief response, (exclusive of exhibits) shall not be more than 30 pages, double-spaced, 12 point font or larger.

~~The response shall be distributed by the secretary of the Appeals Board will transmit copies to all qualified Appeals Board members, subject to applicable conflict of the Appeals Board interest procedures, and to the appellant. No reply to the response supplemental filing prior to the forthcoming hearing shall be permitted without a showing of good cause and a need therefor.~~

~~Extensions of time to submit an appeal statement or response Panel members shall be granted receive copies of the appeals record at the discretion of least fifteen-working-days prior to the chairperson date of the appeals hearing.~~

#### **11.4 Letters of support by non-parties to the appeal**

~~If the Appeals Board or, if the chairperson is unavailable, by the secretary determines that a prima facie case has been established and a hearing will be held, two types of letters of support will be accepted within the fifteen-working-day response period established per 11.3 Response:~~

- Amicus Curiae: A person or organization that is not a party to the appeal and who has not been solicited by any of the parties may request permission from the Appeals Board Secretary to offer information in the form of an "amicus letter" that bears on the appeal to assist the Appeals Board. The request for permission to file an amicus letter may not exceed one single-space page in length, should state the name and affiliation of the requestor, the requestor's interest in the appeal, the reason why the requestor believes an amicus letter is desirable and why the requestor believes the matters it intends to assert are relevant to the disposition of the appeal.
- ~~A hearing on~~ Party Supporter: 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 amicus curiae (if permitted) or party-supporting letters shall be clearly marked as such, may not include new evidence, may not exceed three single-space pages in length 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 chairperson except that 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. No party. The names and affiliation of all speakers

~~and any observers must be provided to an appeal may communicate with any member the secretary of the Appeals Board while in advance of the matter 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. 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.

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

### **12—Announcement Appeals Board decisions**

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 the Appeals Board for their information. The Secretary of the Appeals Board shall notify in writing both the appellant and the respondent of the decision of the Appeals Board.

#### Notice of a

A decision reached by the Appeals Board concerning an appeal Appeals Board panel after an appeals hearing, shall be sent to the parties by the secretary within fifteen (15) working days a reasonable time of the hearing or completion of the letter ballot, as the case may be. The hearing decision shall specify the outcome of the appeal, the reasons for such outcome, and the specific relief granted, if any. The Appeals Board action date will be the date of notification. The decision shall be announced in Standards Action. In the event that the Appeals Board held a hearing in connection with the appeal and issued a written decision, any

### **13 Reconsideration**

Any party to such an appeal may request reconsideration of an Appeals Board hearing decision by sending a written request in writing, 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 hearing decision by the Appeals Board. The opposing party will have ten working days to file a reply, subject to the same page and format restrictions.

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

### **1314 Accessibility of documentation and decisions**

A copy of all the record on appeal (i.e., the appeals-related documents provided submitted by the parties to the appeal for consideration by the Appeals Board and any letters of support) shall be accessible made available to any directly and materially affected person who may wish to inspect and copy such documents upon request. The duplicating and postal costs incurred associated with respect to providing such documents filed with the Appeals Board in the proceedings shall be borne by the person seeking such copies them.



**4415 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*.

## ANSI Board of Standards Review

### 7 Appeal of action on American National Standards

#### 7.1 Right to appeal

~~Directly~~All directly and materially affected persons ~~(organizations, companies, government agencies, individuals, etc.)~~<sup>4</sup> 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 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.~~ 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.

#### ~~7.2 Appeals mechanism~~

~~The appeal and all related materials shall be filed in writing with the secretary of the BSR.~~ 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.

#### 7.2 Appeal

All appeals shall be made in writing and shall be directed to the secretary of the ANSI BSR on or before midnight Eastern time of the due date.

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) documentary 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 appeal shall be submitted to the secretary along with the required filing fee. The filing fee may be waived or reduced only upon sufficient evidence of hardship.

<sup>4</sup> "Persons" includes organizations, companies, government agencies, individuals etc.

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 after receipt of notification by ANSI of an action by the BSR following the date of the decision that is the subject of the appeal. If the appellant is unable to provide all the required appeals materials within the fifteen (15) working days, the appellant shall request day deadline, an extension from may be requested, with the Secretary grounds for such request noted. Such request must be directed to the secretary of the BSR, and shall provide a justification therefor, within the fifteen (15) working days, day deadline or the appellant shall forfeit the right to further appeal. The appeals materials shall be accompanied by a filing fee. This fee may be waived or reduced upon sufficient evidence of hardship.

### **7.3 Response**

The appeal shall include a statement with evidence as to why be distributed by the action secretary of the BSR should be modified. The to the potential respondent(s) shall be notified of an appeal and be given to allow them the opportunity to respond, if they so desire. Thereafter, this party shall have fifteen (15) working days after receipt of such notification days to submit to ANSI 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 statement with reference to the provisions in the ANSI procedures upon which the respondent relies; and
- b) documentary evidence in opposition to the appeal 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 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 a complete the required response within the fifteen (15) working days, the respondent shall request an extension from may be requested, with the Secretary grounds for such noted. Such request must be directed to the secretary of the BSR, and shall provide a justification therefor, within the fifteen (15) working days, day deadline or the respondent shall forfeit the right to respond. Extensions of time to submit an appeal statement or a response shall may be granted at the discretion of the chairperson Chair of the BSR, or, if the Chairperson Chair is unavailable, by the Secretary of the BSR. The original action of the BSR shall stand until all levels of appeal at ANSI have been completed unless the BSR determines otherwise. No party to an appeal may communicate with any member of the BSR while the matter is pending the Vice Chair of the BSR or the secretary of the BSR.

### **7.3 Appeals hearing**

#### **At 4 Letters of support by non-parties to the discretion 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 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 ~~or shall~~ establish a panel ~~consisting of at least five (5) BSR members, may conduct the appeals to~~ hear the appeal, subject to applicable conflict of interest procedures.

A hearing ~~at the next regularly~~ 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 ~~meeting, or on a date if~~ mutually agreeable to ~~all~~ the participants in the hearing. All parties ~~concerned. Both the appellant and the respondent(s) shall be notified~~ given at least fifteen-working-days notice of the hearing date ~~selected~~. Panel members shall receive copies of the appeals record at least fifteen ~~(15) working days~~ ~~working-days~~ prior to the date of the appeals hearing. The names and affiliation of all speakers and any observers must be provided to the secretary of the BSR in advance of the ~~date set and shall be invited to be represented~~ 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. At the close of the question and answer period, the appeals panel shall go into executive (closed) session for the purpose of arriving at ~~the hearing~~ a decision.

### **7.4 Appeals 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 the BSR ~~relating the outcome of an appeal~~ ~~appeals panels~~ shall require a majority vote of ~~those BSR members hearing the appeal. These decisions~~ ~~the panel,~~ shall represent the decision of the BSR, and shall be provided to the ~~full~~ BSR for their information. ~~Should the appellant and/or the respondent not be present at the hearing, the decision of the BSR appeals panel shall be based on the written submissions and the presentations made by the parties that are present at the hearing or who participate via teleconference.~~

The ~~secretary of the BSR~~ ~~The~~ Secretary of the BSR shall notify in writing both the appellant and the respondent(s) of the decision of the ~~Board~~ BSR and provide a short statement identifying the basis ~~for~~ the ~~Board~~ decision, ~~and announce the~~. The BSR action date will be the date of notification. The outcome of the appeal shall be announced in *Standards Action*. ~~The BSR action date will be the date of notification.~~

**7.5 ~~Further appeal~~**

~~The final decision of the BSR may be appealed to the ANSI Appeals Board in~~

**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) 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.

**7.69 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*.

## ANSI Executive Standards Council

### 17 ExSC hearing of appeals

#### 17.1 Right to appeal

All directly and materially affected persons ~~(organizations, companies, government agencies, individuals etc.)~~<sup>5</sup> 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 reaccreditation<sup>6</sup> 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.

#### An appeal

Pending a decision by the ExSC panel, the original decision of the ExSC shall be initiated by written notice of appeal to the Secretary of the ExSC. Except as remain in effect unless the ExSC determines otherwise provided for Audited Designators, all appeals, and all related materials, 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 filed in writing with directed to the secretary of the ANSI ExSC.

#### 17.2 Appeal

All appeals shall be made in writing and shall be directed to the secretary of the ANSI ExSC on or before midnight Eastern time of the due date.

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:

<sup>5</sup> "Persons" includes organizations, companies, government agencies, individuals etc.

<sup>6</sup> A "reaccreditation" action is the approval of revised procedures submitted by an ANSI-Accredited Standards Developer.

- 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) documentary evidence that directly supports appellant's position and upon which appellant relies; 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 appeal shall be submitted to the secretary of the ExSC along with the required filing fee. The filing fee may be waived or reduced only upon sufficient evidence of hardship.

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 of notification by ANSI of an action by the ExSC or its designee, 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 a developer's continuing status as an ANSI-Accredited Standards Developer. If the appellant is unable to provide all the required appeals materials within the fifteen (15) working days, the appellant shall request a day deadline, an extension from may be requested, with the Secretary grounds for such request noted. Such request must be directed to the secretary of the ExSC, and shall provide a justification therefor, within the fifteen (15) working days, or day deadline or the appellant shall forfeit the right to further appeal. The appeals materials shall be accompanied by a filing fee. This fee may be waived or reduced upon sufficient evidence of hardship. The notice of appeal shall specify the decision from which the appeal is taken, a short statement of the matter in controversy, the reason(s) why the appellant believes the decision is in error, and the specific relief sought by the appellant from 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.

### **17.3 Response**

The appeal notice and statement shall be distributed by the Secretary secretary of the ExSC to the potential respondent 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 statement, on or before midnight Eastern time of the due date.

The response shall include:

- a) the reasons why the respondent(s) believe(s) believes the decision under appeal was correct and a reference to the provisions in the ANSI *Essential Requirements* procedures upon which they rely, the respondent relies; and all
- b) documentary evidence in support of the 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 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 all the appeals materials, required response within fifteen (15) working days, the respondent shall request an extension from may be requested, with the Secretary grounds for such noted. Such request must be directed to the secretary of the ExSC, and shall provide a justification therefor, within the fifteen (15) working days, 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.

Extensions

#### **17.4 Letters of time support by non-parties to submit an the appeal statement or response**

A person or organization that is not a party to the appeal may be granted at the discretion submit a letter of the Chair of the ExSC, support for a position taken by the appellant or, if respondent to the Chair is unavailable, of 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 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 the ExSC 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.

Upon receipt of the response, the Secretary

#### **17.5 Hearing**

The secretary of the ExSC shall establish a panel to hear the appeal, and, in 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 panel members and Chair. However, a later date may be scheduled if mutually agreeable to the parties involved participants in the appeal, shall fix a date for the appeal hearing. All parties shall be given at least fifteen (15) working days notice of the date of the hearing. No party to an appeal may discuss the appeal with any member of the ExSC appeals panel while the matter is pending date. Panel members shall receive copies of all statements the appeals record at least fifteen (15) working days prior to the date of the appeal appeals hearing. The names 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. ~~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.~~

directed by the panel. At the hearing, speakers are not permitted to make assertions about facts or issues not in the record. 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. ~~Should the appellant or the respondent not be present at the hearing, the decision of the ExSC appeals panel shall be based on the written submissions and the presentations made by the parties that are present at the hearing or who participate via teleconference. Notice of a decision reached by the ExSC appeals panel shall be sent 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 of the ExSC. 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 Secretary of the ExSC shall notify in writing both the appellant and the respondent of the decision of the ExSC and provide a short statement identifying the basis for the decision. The ExSC action date will be the date of notification.~~ The outcome of the appeal shall be announced in *Standards Action*.

~~The final decision of the ExSC appeals panel may be appealed to the ANSI Appeals Board in accordance with the *Appeals Board Operating Procedures*.~~

### **18 ExSC Consideration of Complaints against ANSI Audited Designators**

~~If a formal complaint is lodged against a standards developer, the ExSC shall treat the complaint as an appeal pursuant to clause 2.8.2 *Appeals at ANSI* of the *ANSI Essential Requirements*. In its discretion, the ExSC may choose as part of that appeals process to require that the developer undergo a special audit pursuant to the *ANSI Auditing Policy and Procedures*. If the ExSC determines that a special audit is necessary, then the ExSC shall determine what the scope of that audit should be.~~

If a formal complaint 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*.

~~Regardless of which way such a complaint is processed, initiation or conclusion of an appeal at the standards developer level is not a precondition for consideration of said complaint by the ExSC<sup>4</sup>.~~

If a formal complaint is lodged against an Audited Designator, and if (i) the complaint relates to one or more specific approved American National Standards and (ii) the complainant has

<sup>4</sup> Reference to “the ExSC” in this clause is defined as the full ExSC or a panel of not less than five ExSC members.

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) 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 ~~by mail~~ 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 complaint 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*.

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, the ExSC may 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 ~~by mail~~ remotely, rather than through an on-site visit.
- (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) 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.

**21 Appeal of ExSC actions**

In accordance with the *ANSI Appeals Board Operating Procedures*, an appeal from a final appeals decision of the ExSC ~~or an appeal of an action or inaction of the ExSC~~ may be appealed ~~to~~ filed with the Appeals Board by those directly and materially affected parties that have been adversely affected. ~~The original action of the appellant or respondent to the ExSC shall stand until all levels of appeal at ANSI have been completed unless the ExSC determines otherwise~~ issue.

**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*.