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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

Comments should be addressed to the organization indicated, with a copy to the Board of Standards Review, American National Standards Institute, 25 West 43rd Street, New York, NY 10036. Fax: 212-840-2298; e-mail: psa@ansi.org

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: November 15, 2015

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

Addenda

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

This proposed addendum subdivides examination rooms beyond the current division of emergency and non-emergency rooms and establishes air change rates commensurate with the risk within those specialized rooms. Administrative controls (such as assignment of patients to specialized rooms) are an important preventive strategy to supplement the benefit of environmental controls. As such, these administrative controls would be applied to people presenting with undiagnosed gastrointestinal, respiratory, or skin infection symptoms, e.g., phone triage, prompt triage to an area away from others, and assignment to a Special Examination Room.

Click here to view these changes in full

Send comments (with copy to 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 170c-201x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)

This proposed addendum updates the terminology used for laboratories to align with FGI-2014 (reference 2.1-4.1.2) and includes provisions to reduce air total change rates in these spaces in certain circumstances.

Click here to view these changes in full

Send comments (with copy to 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 170f-201x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)

This proposed addenda clarifies requirements for the Primary Supply Diffuser Array.

Click here to view these changes in full

Send comments (with copy to 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 170h-201x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)

Currently, in the industry there is a discrepancy in several requirements for environmental conditions in areas of the Sterile Processing Department (SPD) between ASHRAE standards and AAMI standards. ASHRAE standards guide the design of these areas, while AAMI standards guide the operation of these areas. Therefore, some amount of agreement is required between these two groups. In April of 2015 representatives of ASHRAE, AAMI, FGI, AORN, ASHE and APIC met to discuss these issues. This proposed addendum represents the recommendations for space temperature in several spaces from this group.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 193-201X, Standard for Safety for Alarm Valves for Fire-Protection Service (revision of ANSI/UL 193-2008 (R1013))

Revises the Hydrostatic Test Requirements in the Strength of Body Test, 28.1 and Bolt Strength, 10.13; Pressure Gauge Updates, Revised 26.2 and 29.1.8.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Linda Phinney, (408) 754-6684, Linda.L.Phinney@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 507-201x, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2014a)

(9) Temperature Test Table 36.1; (11) New requirements for smart enabled fans.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Susan Malohn, (847) 664-1725, Susan.P.Malohn@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1581-201X, Reference Standard for Electrical Wires, Cables, and Flexible Cords (revision of ANSI/UL 1581-2015)

This proposal includes the following revisions: (1) Revision to Table 47.1 to add and correct references.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Ross Wilson, (919) 549-1511, Ross.Wilson@ul.com

Comment Deadline: November 30, 2015

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI/ISO 15225-201x, Medical devices - Quality management - Medical device nomenclature data structure (reaffirmation of ANSI/AAMI/ISO 15225-2010)

This International Standard provides rules and guidelines for a medical device nomenclature data structure, in order to facilitate cooperation and exchange of data used by regulatory bodies on an international level between interested parties, e.g., regulatory authorities, manufacturers, suppliers, health care providers, and end users.

Single copy price: Free

Obtain an electronic copy from: https://standards.aami.org/kws/public/document?document_id=7247&wg_abbrev=PUBLIC_REV

Order from: https://standards.aami.org/kws/public/document?document_id=7247&wg_abbrev=PUBLIC_REV

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

ACCA (Air Conditioning Contractors of America)

Revision

BSR/ACCA 2 Manual J-2016-201x, Residential Load Calculations (revision of ANSI/ACCA 2 Manual J-2011)

The provisions of the revised standard apply to any dwelling unit that has its own heating-cooling-ventilating system and equipment, and its own exhaust air system(s). This includes: single-family detached structures, duplex structures, and triplex structures; single-family attached structures (row house or town house); the dwelling units in multi-family attached structures (condo units and apartment units); and energy-efficient homes.

Single copy price: Free review copy

Obtain an electronic copy from: www.acca.org/ansi and response form

Order from: Luis Escobar, (703) 824-8870, luis.escobar@acca.org

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

ASABE (American Society of Agricultural and Biological Engineers)

New Standard

BSR/ASABE S629 MONYEAR-201x, Framework to Evaluate the Sustainability of Agricultural Production Systems (new standard)

The Standard is intended to define frameworks for sustainability certification of all types of farming operations (which includes ranching) typically found in North America. It does not constitute a certification framework per se, but rather serves as a criterion for development of certification. KPI improvement in agricultural sustainability for this framework includes producers and processors from cradle to farm and/or factory gate, across the primary categories of sustainability (economic, ecological, and social). Sustainable Agriculture shall exclude the farm residence, except where it is not practical to separate baseline data.

Single copy price: $58.00

Obtain an electronic copy from: walsh@asabe.org

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

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

BHMA (Builders Hardware Manufacturers Association)

Revision

BSR/BHMA A156.6-201x, Architectural Door Trim (revision of ANSI/BHMA A156.6-2010)

This Standard contains requirements for door protection plates, door edgings, push plates, door pulls, push bars, and pull bars. Included are strength and finish tests, and dimensional and material criteria.

Single copy price: $36.00 (Nonmembers)/$18.00 (BHMA members)

Obtain an electronic copy from: mtierney@kellencompany.com

Order from: Emily Brochstein, (212) 297-2126, ebrochstein@kellencompany.com

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

BHMA (Builders Hardware Manufacturers Association)

Revision

BSR/BHMA A156.8-201x, Door Controls - Overhead Stops and Holders (revision of ANSI/BHMA A156.8-2010)

This Standard establishes requirements for overhead door stops and holders, and includes performance tests covering operational, cyclical, strength, and finish criteria.

Single copy price: $36.00 (Nonmembers)/$18.00 (BHMA members)

Obtain an electronic copy from: mtierney@kellencompany.com

Order from: Emily Brochstein, (212) 297-2126, ebrochstein@kellencompany.com

Send comments (with copy to psa@ansi.org) to: Michael Tierney, (212) 297-2122, mtierney@kellencompany.com

BHMA (Builders Hardware Manufacturers Association)

Revision

BSR/BHMA A156.15-201x, Release Devices - Closer Holder, Electromagentic and Electromechanical (revision of ANSI/BHMA A156.15-2011)

This Standard establishes requirements for door closers combined with hold-open devices or free-swinging door closers combined with releasing devices and includes performance tests covering operational, cyclical, and finish criteria.

Single copy price: $36.00 (Nonmembers)/$18.00 (BHMA members)

Obtain an electronic copy from: mtierney@kellencompany.com

Order from: Emily Brochstein, (212) 297-2126, ebrochstein@kellencompany.com

Send comments (with copy to psa@ansi.org) to: Michael Tierney, (212) 297-2122, mtierney@kellencompany.com

CSA (CSA Group)

Revision

BSR LC 1-201x, Gas Piping Systems Using Corrugated Stainless Steel Tubing (CSST) (same as CSA 6.26-201x) (revision of ANSI LC 1-2013)

This standard details test and examination criteria for fuel gas piping systems, using corrugated stainless steel tubing, intended for installation in residential or commercial buildings, and including all components supplied or specified by the manufacturer to convey and control fuel gas to all appliances served. This standard does not apply to gas connectors for appliances.

Single copy price: Free

Obtain an electronic copy from: cathy.rake@csagroup.org

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

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

CSA (CSA Group)

Revision

BSR Z83.21-201x, Standard for Commercial Dishwashers (same as UL 921) (revision of ANSI Z83.21/CSA C22.2 No. 168/UL 921-2005 (R2010))

Details for test and examination of commercial gas-fired and electric dishwashers for use with natural, manufactured and mixed, and liquefied petroleum gases, and LP gas-air mixtures.

Single copy price: Free

Obtain an electronic copy from: cathy.rake@csagroup.org

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

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

ISA (International Society of Automation)

Revision

BSR/ISA 75.08.08-201x, Face-to-Centerline Dimensions for Flanged Globe-Style Angle Control Valve Bodies (Classes 150, 300, and 600) (revision of ANSI/ISA 75.08.08-1999 (R2007))

This standard aids users in their piping design by providing Classes 150, 300, and 600 raised-face flanged globe-style angle control valve face-to-centerline dimensions without giving special considerations to the equipment manufacturer to be used.

Single copy price: $40.00

Obtain an electronic copy from: ebrazda@isa.org

Order from: Eliana Brazda, (919) 990-9228, ebrazda@isa.org

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

NASBLA (National Association of State Boating Law Administrators)

New Standard

BSR/NASBLA 101-201X, Basic Boating Knowledge - Human Propelled Boats (new standard)

This is the minimum standard that applies to all human-propelled boating courses in the U.S. states and territories and District of Columbia. Its purpose is to establish the national standard for use by course providers to meet the needs of recreational boaters for human-propelled boating knowledge in order to identify and reduce primary risk factors and mitigate their effects on recreational boating.

Single copy price: Free

Obtain an electronic copy from: pam@nasbla.org

Order from: Pamela Dillon, (859) 225-9487, pam@nasbla.org

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

NEMA (ASC C12) (National Electrical Manufacturers Association)

Revision

BSR C12.1-201x, Code for Electricity Metering (revision of ANSI C12.1 -2007)

Establishes acceptable performance criteria for new types of ac watthour meters, demand meters, demand registers, pulse devices, and auxiliary devices. Describes acceptable in-service performance levels for meters and devices used in revenue metering.

Single copy price: $234.00

Order from: NEMA

Send comments (with copy to psa@ansi.org) to: Paul Orr, (703) 841-3227, Pau_orr@nema.org

NEMA (ASC C78) (National Electrical Manufacturers Association)

Reaffirmation

BSR C78.42-2009 (R201x), High-Pressure Sodium Lamps (reaffirmation and redesignation of ANSI ANSLG C78.42-2009)

This standard sets forth the physical and electrical requirements for HPS lamps, to ensure performance and interchangeability. The data given also provide the basis for the electrical requirements for ballasts and ignitors, as well as the lamp-related requirements for luminaires. This standard covers only single-ended HPS lamps. Lamps with internal starting devices are not covered. This standard does include “improved color” HPS lamps (those lamps that have a color-rendering index ≥60 and that operate on the same ballasts as the conventional lamps that they are intended to replace). However, color is not a standardized parameter. Luminous flux is not a standardized parameter either. This standard covers only 60 Hz operation of HPS lamps, on ballasts designed for HPS lamps.

Single copy price: $470.00

Order from: Michael Erbesfeld, 703-841-3262, Michael.Erbesfeld@nema.org

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

NEMA (ASC C78) (National Electrical Manufacturers Association)

Reaffirmation

BSR C78.1401 (R201x), Dimensions for Projection Lamps - Double-Contact, Medium Ring (Special B), Base-up Type (reaffirmation of ANSI C78.1401 -2004 (R2009))

This standard establishes the dimensions essential to the interchangeability of lamps of the double-contact, medium-ring (Special B), base-up type. It is not intended to prescribe either operating characteristics or details of design, such as the shape of the ventilation ports or the method of attachment of the prefocus ring to the base.

Single copy price: $50.00

Order from: Michael Erbesfeld, 703-841-3262, Michael.Erbesfeld@nema.org

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

NEMA (ASC C78) (National Electrical Manufacturers Association)

Reaffirmation

BSR C78.389-2004 (R201x), High Intensity Discharge Lamps - Methods of Measuring Characteristics (reaffirmation of ANSI C78.389-1989 (R2009))

This standard describes the procedures to be followed and the precautions to be observed in measuring the electrical characteristics of high intensity discharge lamps as specified in the American National Standard Specifications for Mercury (Hg), High-pressure Sodium (HPS) and Metal Halide (MH) Lamps, as referenced in clause 2, Normative references. It is the purpose of this standard to outline methods of measurement that will make it possible to obtain reproducible and accurate measurements of High-Intensity Discharge lamp characteristics. Deviations from the procedures given in this standard are permissible for production or other testing, provided that the methods used give results in substantial agreement with the methods given herein. In cases of doubt, reference shall be made to the methods specified in the appropriate American National Standard, referenced in clause 2, to establish the validity of the results obtained by any alternate procedure.

Single copy price: $205.00

Order from: Michael Erbesfeld, 703-841-3262, Michael.Erbesfeld@nema.org

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

NEMA (ASC C78) (National Electrical Manufacturers Association)

Reaffirmation

BSR C78.391-2004 (R201x), Characteristics of Subminiature Lamps of T1 and T1-3/4 Shapes (reaffirmation of ANSI C78.391-2009)

This standard sets forth the physical and electrical characteristics of those groups of subminiature incandescent lamps with T1 and T1-3/4 bulb shapes. Lamps with various base or termination configurations are included.

Single copy price: $75.00

Order from: Michael Erbesfeld, 703-841-3262, Michael.Erbesfeld@nema.org

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

NEMA (ASC C78) (National Electrical Manufacturers Association)

Reaffirmation

BSR C78.1430-1997 (R201x), Slide Projector Lamps, Condensing, Dichroic, 1.65-in. (42 mm), Integral Reflector, Rim Reference Tungsten-Halogen Lamps with GX5.3 Bases (reaffirmation of ANSI C78.1430-1997 (R2009))

This standard consolidates the lamps commonly used for slide projectors into a single standard. The lamps contained in this standard are not to be considered as interchangeable, although physically they will all fit the common GX5.3 sockets. The photometry of each lamp is dependent upon the system for which it was designed and on the system in which it is used. A sample system and representative photometric values are found in the Annex.

Single copy price: $50.00

Order from: Michael Erbesfeld, 703-841-3262, Michael.Erbesfeld@nema.org

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

NEMA (ASC C78) (National Electrical Manufacturers Association)

Reaffirmation

BSR C78.1431-1997 (R201x), Slide Projector Lamps, Condensing, Dichroic, Two-Inch {51 mm), Integral Reflector, Rim Reference Tungsten-Halogen Lamps with GV 5.3 Bases (reaffirmation of ANSI C78.1431-1997 (R2009))

This standard consolidates the lamps commonly used for slide projectors into a single standard. The lamps contained in this standard are not to be considered as interchangeable. Physically, they will all fit the common socket used for these lamps. The photometry of each lamp is dependent upon the system for which it was designed and on the system in which it is used. A sample system and representative photometric values are found in the Annex.

Single copy price: $50.00

Order from: Michael Erbesfeld, 703-841-3262, Michael.Erbesfeld@nema.org

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

NEMA (ASC C78) (National Electrical Manufacturers Association)

Reaffirmation

BSR C78.62035-2004 (R201x), Discharge Lamps (Excluding Fluorescent Lamps) - Safety Specifications (reaffirmation and redesignation of ANSI/IEC C78.62035-2004 (R2009))

This standard specifies the safety requirements for discharge lamps (excluding fluorescent lamps) for general lighting purposes.

Single copy price: $50.00

Order from: Michael Erbesfeld, 703-841-3262, Michael.Erbesfeld@nema.org

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

PLATO (Portable Lights American Trade Organization)

Revision

BSR/PLATO FL 1-201x, Flashlight Basic Performance Standard (revision of ANSI/NEMA FL1-2009)

This Standards Publication covers basic performance of hand-held/portable flashlights, spotlights, and headlamps providing directional lighting.

Single copy price: Free

Obtain an electronic copy from: mtierney@kellencompany.com

Order from: mtierney@kellencompany.com

Send comments (with copy to psa@ansi.org) to: peter@plato-usa.org

SPRI (Single Ply Roofing Institute)

Revision

BSR/VF-1-201x, External Fire Design Standard for Vegetative Roof Systems (revision of ANSI/SPRI VF-1-2010)

This design standard provides a method for designing external fire resistance for vegetative roofing systems. It is intended to provide a minimum design and installation reference for those individuals who design, specify, and install vegetative roofing systems. It shall be used in conjunction with the installation specifications and requirements of the manufacturer of the specific products used in the vegetative roofing system.

Single copy price: Free

Obtain an electronic copy from: Linda King, info@spri.org

Order from: Linda King, (781) 647-7026, info@spri.org

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

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

BSR/TAPPI T 556 om-16-201x, Bending resistance of paper and paperboard by single-point bending methods (new standard)

This procedure is used to measure the bending resistance of paper and paperboard in the machine and cross machine directions, by determining the bending resistance in mN of a 38 mm (1.5 in.) wide vertically clamped sample, at 15° or 7.5° deflection. For this method, the standard bending angle is 15 ± 0.1°. For specimens that break or are otherwise unsuitable at 15°, a bending angle of 7.5 ± 0.1° shall be used.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Laurence Womack, (770) 209-7277, standards@tappi.org

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 793-201x, Standard for Safety for Automatically Operated Roof Vents for Smoke and Heat (reaffirmation of ANSI/UL 793-2011)

(1) Reaffirmation and continuance of the third edition of the Standard for Automatically Operated Roof Vents for Smoke and Heat, UL 793, as an American National Standard.

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) to: Amy Walker, (847) 664 -2023, Amy.K.Walker@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 2017, Standard for Safety for General-Purpose Signaling Devices and Systems (reaffirmation of ANSI/UL 2017-2011)

(1) Reaffirmation and continuance of the second edition of the Standard for General-Purpose Signaling Devices and Systems, UL 2017, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 94-201x, Standard for Safety for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2015)

The following changes in UL 94 are being proposed: (1) Addition of Carbon Black (as colorant) to overlooked paragraphs 9.3.4, 11.3.5, and 12.3.3.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: Raymond Suga, (631) 546-2593, raymond.m.suga@ul.com

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UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 498-201X, Standard for Safety for Attachment Plugs and Receptacles (Proposal dated 06-19-15) (revision of ANSI/UL 498-2014a)

This proposal includes: (1) Addition of insertion testing for 5-15R and 5-20R normal household receptacles; (2) Receptacles identified for use with 75°C insulated conductors; and (3) Editorial correction to specify the pin material for test pin B of the grounding contact test.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: Casey Granata, (919) 549-1054, Casey.Granata@UL.Com

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UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 773A-201x, Standard for Safety for Nonindustrial Photoelectric Switches for Lighting Control (revision of ANSI/UL 773A-2006 (R2011))

Requirements cover controls of the light or presence-sensitive types, or both; for indoor or outdoor service; intended for the control of loads up to a maximum of 20 A and maximum 347 V; installations on 50-Hz or 60-Hz systems or DC up to 60 V; and intended to be installed in accordance with the NEC, NFPA 70, the CEC Part I, CSA C22.2 No. 0, and NOM 001 SEDE. These requirements do not cover devices: that are locking type, used for area or roadway lighting fixtures; that monitor or control safety critical loads or personal protection circuits; intended to be installed in areas designated hazardous locations; or intended to be installed for manufacturing process control.

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Comment Deadline: December 15, 2015

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

New Standard

BSR/INCITS 501-201x, Information technology - Security Features for SCSI Commands (SFSC) (new standard)

The set of SCSI standards specifies the interfaces, functions, and operations necessary to ensure interoperability between conforming SCSI implementations. This standard is a functional description. Conforming implementations may employ any design technique that does not violate interoperability. This standard defines security features for use by all SCSI devices. This standard defines the security model that is basic to every device model and the parameter data that may apply to any device model.

Single copy price: $60.00

Obtain an electronic copy from: http://webstore.ansi.org/

Order from: Rachel Porter, (202) 626-5741, comments@itic.org

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

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

New Standard

BSR/INCITS 511-201x, Information Technology - Fibre Channel - Switch Fabric - 6 (FC-SW-6) (new standard)

FC-SW-6 describes the requirements for an interconnecting Fabric consisting of multiple Fabric Switch elements to support the INCITS Fibre Channel - Framing and Signaling (FC-FS-2) and INCITS Fibre Channel - Physical Interface (FC-PI-4) standards.

Single copy price: $60.00

Obtain an electronic copy from: http://webstore.ansi.org/

Order from: Rachel Porter, (202) 626-5741, comments@itic.org

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

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

New Standard

BSR/INCITS 533-201x, Information technology - Fibre Channel - Physical Interfaces - 6P 128GFC Four Lane Parallel (FC-PI-6P) (new standard)

This standard will define the requirements for new physical layer variants that operate at FC-PI-6 line rate on a four lane physical variant. It is desirable that new variants operate at similar distances as those of the corresponding variants specified in FC-PI-6. This standard will consider all aspects of transmit, receive, and cable-plant performance requirements for optical and electrical links. The standard will enable interoperability of transmitter devices, receiver devices, interconnects, and components among different manufacturers.

Single copy price: $60.00

Obtain an electronic copy from: http://webstore.ansi.org/

Order from: Rachel Porter, (202) 626-5741, comments@itic.org

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

Technical Reports Registered with ANSI

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject.

Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to the PSA Center, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or E-Mail to psa@ansi.org.

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

INCITS/ISO/IEC TR 14165-372:2011, Information technology - Fibre Channel Methodologies for Interconnects - 2 (FC-MI-2) (technical report)

ISO/IEC 14165-372:2011(E) is intended to document interoperability behavior for Fabric elements (i.e., E_Port, F_Port, FL_Port). It includes a wide range of issues such as link initialization, error detection, error recovery, fabric operation, management capabilities, and zoning. It serves as an implementation guide, whose primary objective is to maximize the likelihood of interoperability between conforming implementations. It specifies common methodologies for both Arbitrated Loop and Switched environments. The goal of this technical report is to facilitate interoperability between devices whether they are connected in a Loop or Fabric topology.

Single copy price: $224.00

Obtain an electronic copy from: www.ansi.org

Order from: www.ansi.org

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

Correction

Public Review Announced in Error

The following standard was announced as available for public comment in the October 2, 2015 issue of Standards Action in error:

BSR/ASTM WK51504 ANSI/IEEE/ASTM SI 10, Standard for Metric Practice

Clarification of INCITS documents announced for comment in the August 28, 2015 issue of Standards Action

Please see the clarifications below. As originally published, the comment period for these documents closes on October 27, 2015.

- INCITS/ISO/IEC 11579-1:1994/TC1:1996[R2010] is listed as (stabilized maintenance of INCITS/ISO/IEC 11579-1:1994 [S2015]) Technical Corrigendum 1 to ISO/IEC 11579-1:1994; it should be (stabilized maintenance of INCITS/ISO/IEC 11579-1:1994/TC 1:1996 [R2010])

- INCITS/ISO/IEC 17913:2000[2010] is listed as (reaffirmation of INCITS/ISO/IEC 17913:2000 [2000]); this should be (reaffirmation of INCITS/ISO/IEC 17913:2000[2010])

- INCITS/ISO/IEC 19794-2:2005/COR 1:2009[2010] – this is edition one of two editions that are being carried in both SC 37 and INCITS; this should be (reaffirmation of INCITS/ISO/IEC 19794-2:2005/COR 1:2009 [2010])

- INCITS/ISO/IEC 21000-7:2007[2010] is listed as (reaffirmation of INCITS/ISO/IEC 21000-7:2007 [2009]); should be (reaffirmation of INCITS/ISO/IEC 21000-7:2009 [2010])

- INCITS/ISO/IEC 10747:1994[2010] - scope in ANSI Standards Action is listed as Technical Corrigendum 1 and should be the base standard; this should be, "This standard specifies a protocol to be used by boundary intermediate systems to acquire and maintain information for the purpose of routeing NPDUs between different routeing domains. Lays down the procedures for the exchange of inter-domain reachability and path information between BISs, the procedures for maintaining inter-domain routeing information bases within a BIS, the encoding of protocol data units used to distribute inter-domain routeing information between BISs, the functional requirements for implementations that claim conformance to this standard. The protocol described operates at the level of individual routeing domains. Does not cover the establishment of administrative domains."

- INCITS/ISO/IEC 2382:2015 [2015] is listed as ((identical national adoption of and revision of INCITS/ISO/IEC 2382-5:1999 [R2014]); *this should be (identical national adoption of and revision of INCITS/ISO/IEC 2382-1:1993[R2013], -2:1976[R2013], -4:1999[R2014], -5:1999[R2014], -7:2000[R2014], -9:1995[R2013], -10:1979[R2013], -12:1988[R2013], -13:1996[R2011], -17:1999[2013], -20:1990[R2011], -23:1994[R2011], -24:1995[R2011], -25:1992[R2011], -26:1993[R2011], -27:1994[R2011], -28:1995[R2011], -37:2012[2013], -22:1986[R2011], INCITS/ISO 2382-3:1987[R2013], -6:1987[2010], -19:1989[S2011], -21:1985[S2011]*

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.

BHMA (Builders Hardware Manufacturers Association)

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BSR/BHMA A156.6-201x, Architectural Door Trim (revision of ANSI/BHMA A156.6-2010)

Obtain an electronic copy from: mtierney@kellencompany.com

BSR/BHMA A156.8-201x, Door Controls - Overhead Stops and Holders (revision of ANSI/BHMA A156.8-2010)

Obtain an electronic copy from: mtierney@kellencompany.com

BSR/BHMA A156.15-201x, Release Devices - Closer Holder, Electromagnetic and Electromechanical (revision of ANSI/BHMA A156.15-2011)

Obtain an electronic copy from: mtierney@kellencompany.com

ECIA (Electronic Components Industry Association)

Office: 2214 Rock Hill Road
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Contact: *Laura Donohoe*

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BSR/EIA 364-118-201x, Thermal Shock for Hermetic Electrical Connectors and Sockets (new standard)

ISA (International Society of Automation)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

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BSR/ISA 75.08.08-201x, Face-to-Centerline Dimensions for Flanged Globe-Style Angle Control Valve Bodies (Classes 150, 300, and 600) (revision of ANSI/ISA 75.08.08-1999 (R2007))

Obtain an electronic copy from: ebrazda@isa.org

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

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

Contact: *Rachel Porter*

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BSR/INCITS 501-201x, Information technology - Security Features for SCSI Commands (SFSC) (new standard)

Obtain an electronic copy from: http://webstore.ansi.org/

BSR/INCITS 511-201x, Information Technology - Fibre Channel - Switch Fabric - 6 (Fc-Sw-6) (new standard)

Obtain an electronic copy from: http://webstore.ansi.org/

BSR/INCITS 533-201x, Information technology - Fibre Channel - Physical Interfaces - 6P 128GFC Four Lane Parallel (FC-PI-6P) (new standard)

Obtain an electronic copy from: http://webstore.ansi.org/

NEMA (ASC C78) (National Electrical Manufacturers Association)

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BSR C78.42-2009 (R201x), High-Pressure Sodium Lamps (reaffirmation and redesignation of ANSI ANSLG C78.42-2009)

BSR C78.1401 (R201x), Dimensions for Projection Lamps - Double-Contact, Medium Ring (Special B), Base-up Type (reaffirmation of ANSI C78.1401-2004 (R2009))

BSR C78.389-2004 (R201x), High Intensity Discharge Lamps - Methods of Measuring Characteristics (reaffirmation of ANSI C78.389-1989 (R2009))

BSR C78.391-2004 (R201x), Characteristics of Subminiature Lamps of T1 and T1-3/4 Shapes (reaffirmation of ANSI C78.391-2009)

BSR C78.1430-1997 (R201x), Slide Projector Lamps, Condensing, Dichroic, 1.65-in. (42 mm), Integral Reflector, Rim Reference Tungsten-Halogen Lamps with GX5.3 Bases (reaffirmation of ANSI C78.1430-1997 (R2009))

BSR C78.1431-1997 (R201x), Slide Projector Lamps, Condensing, Dichroic, Two-inch {51 mm), Integral Reflector, Rim Reference Tungsten-Halogen Lamps with GV 5.3 Bases (reaffirmation of ANSI C78.1431-1997 (R2009))

BSR C78.62035-2004 (R201x), Discharge Lamps (Excluding Fluorescent Lamps) - Safety Specifications (reaffirmation and redesignation of ANSI/IEC C78.62035-2004 (R2009))

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BSR C82.3-201X, Lamp Ballasts - Reference Ballasts for Fluorescent Lamps (revision of ANSI C82.3-2002 (R2010))

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BSR/MW 1000-2016, Magnet Wire (revision and redesignation of ANSI/NEMA MW 1000-2015)

PLATO (Portable Lights American Trade Organization)

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BSR/PLATO FL 1-201x, Flashlight Basic Performance Standard (revision of ANSI/NEMA FL1-2009)

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TAPPI (Technical Association of the Pulp and Paper Industry)

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BSR/TAPPI T 476 om-2011 (R201x), Abrasion loss of paper and paperboard (Taber-type method) (reaffirmation and redesignation of ANSI/TAPPI T 476 om-2011)

BSR/TAPPI T 578 sp-201x-2011 (R201x), Accelerated light aging of printing and writing paper by xenon-arc exposure apparatus (reaffirmation and redesignation of ANSI/TAPPI T 578 sp-2011)

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BSR/UL 498-201X, Standard for Safety for Attachment Plugs and Receptacles (Proposal dated 06-19-15) (revision of ANSI/UL 498 -2014a)

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

BSR/UL 773A-201x, Standard for Safety for Nonindustrial Photoelectric Switches for Lighting Control (revision of ANSI/UL 773A-2006 (R2011))

Obtain an electronic copy from: www.comm-2000.com

BSR/UL 1581-201X, Reference Standard for Electrical Wires, Cables, and Flexible Cords (revision of ANSI/UL 1581-2015)

Obtain an electronic copy from: www.comm-2000.com

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.

ACCA (Air Conditioning Contractors of America)

New Standard

ANSI/ACCA 14 QMref-2015, Quality Maintenance of Commercial Refrigeration Systems (new standard): 10/14/2015

ASB (ASC Z50) (American Society of Baking)

Revision

ANSI/ASB Z50.2-2015, Bakery Equipment - Sanitation Standards (revision of ANSI ASB Z50.2-2013): 10/12/2015

AWWA (American Water Works Association)

Revision

ANSI/AWWA B600-2015, Powdered Activated Carbon (revision of ANSI/AWWA B600-2010): 10/12/2015

BHMA (Builders Hardware Manufacturers Association)

Revision

* ANSI/BHMA A156.9-2015, Cabinet Hardware (revision of ANSI/BHMA A156.9-2010): 10/14/2015

MHI (Material Handling Industry)

New Standard

ANSI/MH16.3-2015, Specification for the Design, Testing and Utilization of Industrial Steel Cantilevered Storage Racks (new standard): 10/8/2015

MSS (Manufacturers Standardization Society)

New Standard

ANSI/MSS SP-134-2012, Valves for Cryogenic Service, including Requirements for Body/Bonnet Extensions (new standard): 10/12/2015

ANSI/MSS SP-144-2013, Pressure Seal Bonnet Valves (new standard): 10/12/2015

PLASA (PLASA North America)

Withdrawal

ANSI/PLASA E1.45-2013, Unidirectional Transport of IEEE 802 data frames over ANSI E1.11 (DMX512-A) (withdrawal of ANSI/PLASA E1.45-2013): 10/8/2015

UL (Underwriters Laboratories, Inc.)

New Standard

ANSI/UL 3703-2015, Standard for Safety for Solar Trackers (new standard): 10/8/2015

ANSI/UL 3703-2015a, Standard for Safety for Solar Trackers (new standard): 10/8/2015

Reaffirmation

ANSI/UL 814-2011 (R2015), Standard for Safety for Gas-Tube-Sign Cable (Proposal dated 8/21/15) (reaffirmation of ANSI/UL 814 -2011): 10/8/2015

Revision

ANSI/UL 1703-2015, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2015): 10/12/2015

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, 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.

ANS (American Nuclear Society)

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BSR/ANS 8.20-201x, Nuclear Criticality Safety Training for Fissionable Materials Operations Outside Reactors (revision of ANSI/ANS 8.20 -1991 (R2015))

Stakeholders: USDOE, USDOE contractors, USNRC, USNRC licensees, universities, organizations engaged in manufacturing and handling of nuclear fuel, American Nuclear Insurers, and international counterparts.

Project Need: A revised standard is needed to update the appropriate nuclear criticality safety training for fissionable materials operations outside nuclear reactors.

This standard provides criteria for nuclear criticality safety training for operations with fissionable materials outside reactors.

ASC X9 (Accredited Standards Committee X9, Incorporated)

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BSR X9.121-201x, Balance and Transaction Reporting Standard (BTRS) (Fomerly Cash Management Reporting Specification Version 2) (revision of ANSI X9.121-2014)

Stakeholders: Financial institutions, corporations, industry associations and vendors from financial institutions, stakeholders will include staff from their information reporting, product management and operations areas. The participants must be knowledgeable of existing reporting practices in the areas of wires, check, lock box, deposits, adjustments, ACH, concentration accounts, international transactions, messaging etc.

Project Need: The Codes need to be updated and presented as a formal X9 standard.

The BAI Codes Type 2 has been in use in the United States and elsewhere for a period of time. BAI has legally transferred the copyright to X9. These codes are widely used in the area of cash management reporting by banks and corporations. The project will convert the existing codes into a formal cash reporting standard and update all relevant areas. Given the widespread international use of the BAI codes, the final work product will consider the needs of a broader community, including ISO 20022.

ASME (American Society of Mechanical Engineers)

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BSR/ASME MFC 11-200x, Measurement of Fluid Flow in Closed Conduits by Means of Coriolis Mass Flowmeters (revision and redesignation of ANSI/ASME MFC-11M-2006 (R2014))

Stakeholders: Manufacturers and users of Coriolis mass flowmeters.

Project Need: Revised to reflect the state of the art.

This Standard establishes common terminology, gives guidelines for the selection, installation, calibration, and operation of Coriolis flowmeters for the measurement of mass flow rate, density of fluids and determination of volume flow rate. The content of this Standard is applied to the flow measurement of liquids, gases, mixtures of gases, multiphase flows, and miscible and immiscible mixtures of liquids.

AWWA (American Water Works Association)

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BSR/AWWA C561-201x, Fabricated Stainless Steel Slide Gates (revision of ANSI/AWWA C561-2014)

Stakeholders: Water supply and wastewater treatment industry, wastewater and water utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: To provide the minimum requirements for fabricated stainless-steel slide gates for water and wastewater service, including material, design, inspection, testing, and handling.

This standard describes vertically mounted, fabricated, stainless-steel slide gates with full-aperture closure, designed for either seating head or unseating head or both, in ordinary water supply and wastewater service. The gates are primarily used to shut off or throttle water or wastewater flow through a rectangular or round orifice, end of channel, or in-channel opening.

BSR/AWWA C562-201x, Fabricated Aluminum Slide Gates (revision of ANSI/AWWA C562-2014)

Stakeholders: Water supply and wastewater treatment industry, wastewater and water utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: To provide the minimum requirements for fabricated aluminum slide gates for water and wastewater service, including material, design, inspection, testing, and handling.

This standard describes vertically mounted, fabricated, aluminum slide gates with full-aperture closure, designed for either seating head or unseating head or both, in ordinary water supply and wastewater service. The gates are primarily used to shut off or throttle water or wastewater flow through a rectangular or round orifice, end of channel, or in-channel opening. They may be of either conventional-closure or flush-bottom-closure type and may be opened upward or downward.

BSR/AWWA C563-201x, Fabricated Composite Slide Gates (revision of ANSI/AWWA C563-2014)

Stakeholders: Water supply and wastewater treatment industry, wastewater and water utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: To provide the minimum requirements for fabricated composite slide gates for water and wastewater service, including material, design, inspection, testing, and handling.

This standard describes vertically mounted, fabricated, composite, resilient-seated slide gates with full-aperture closure, designed for either seating head or unseating head or both, in ordinary water supply and wastewater service. The gates are primarily used to shut off or throttle water and wastewater flow through a rectangular or round orifice, end of channel, or in-channel opening. They may be of either conventional-closure or flush-bottom-closure type and may be opened either upward or downward.

BICSI (Building Industry Consulting Service International)

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BSR/BICSI 005-201X, Electronic Safety and Security (ESS) System Design and Implementation Best Practices (revision of ANSI/BICSI 005-2013)

Stakeholders: ICT system designers, IT professionals, security industry professionals.

Project Need: Updates to keep standard current with industry and system requirements and trends.

This standard is written for use in the design and implementation of the structured cabling systems used within electronic safety and security systems. This standard provides a reference of common technology and design practices and is not intended to be used by architects and engineers as their sole reference or as a step-by-step design guide. This standard may also be used to determine design requirements in conjunction with the system owner, occupant, or safety and security consultant.

BSR/BICSI 007-201X, Information Communication Technology Design and Implementation Practices for Intelligent Buildings and Premises (new standard)

Stakeholders: ICT system designers, building system designers, IT professionals, building and facility managers.

Project Need: With the increase of building systems requiring network capability to interact with other systems, there currently is not a standard focused on the infrastructure and integration of different systems onto a common ICT infrastructure.

This standard will cover the design and implementation of the information communication technology systems required to support an intelligent building/premise integrated design. Systems that are expected to be covered, include, but are not limited to: building automation/management, utility utilization, lighting, signage and wayfinding, sound and acoustical services, location, and asset tracking.

BSR/BICSI 008-201X, In-Building and Campus Wireless LAN Systems Design and Implementation Best Practices (new standard)

Stakeholders: ICT designers, providers, installers; wireless system manufacturers, all industries utilizing 802.11 style wireless communication protocols.

Project Need: The public has come to assume WLAN coverage for their handheld devices will be available practically everywhere they go. This explosion in demand; multiple orders of magnitude increases in data rates; and systems increasingly crowding each other is pushing the limits of the technology. Systems must now be carefully designed and implemented by highly knowledgeable personnel using the latest test equipment to ensure a fully operational system that does not interfere with other networks.

The standards includes material for the design and implantation of a in-building/campus wireless network (WLAN), including, but not limited to: Required infrastructure, distribution technology types, location technologies, compliance and legal issues. design coordination, wireless design, telecommunication infrastructure, installation & commissioning, specific locations and situations.

BSR/BICSI 009-201X, Data Center Operations and Maintenance Best Practices (new standard)

Stakeholders: Data-center managers; operation and maintenance engineers and technicians; ICT, electrical and mechanical contractors providing managed services.

Project Need: Questions have arisen from data-center owners, their representatives, and other interested parties concerning standards (or the lack thereof) for data-center operations. At the current time, there are no approved and recognized open standards for data-center operations and maintenance within the United States.

The scope of the project would be to develop operations and maintenance standards for data center managers, technicians, and contractors providing data-center managed services. The standard would also provide guidance for professionals responsible for maintaining the data-center ICT infrastructure, and also the facility infrastructure.

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BSR/EIA 364-118-201x, Thermal Shock for Hermetic Electrical Connectors and Sockets (new standard)

Stakeholders: Electrical, electronics, and telecommunication industry.

Project Need: New standard.

This standard is intended to develop test standards used in military standards not presently covered by an EIA-364 Test Procedure.

NEMA (ASC C119) (National Electrical Manufacturers Association)

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BSR C119.4-2016, Connectors for Use between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93°C and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100°C (revision of ANSI C119.4-2010)

Stakeholders: Electric utilities, connector manufacturers.

Project Need: Project is to revise ANSI C119.4 to remove common tests that are now contained in the separate test document ANSI C119.0.

This standard covers connectors used for making electrical connections between aluminum-to-aluminum or aluminum-to-copper or copper-to-copper conductors used on distribution and transmission lines for electric utilities. This standard establishes the electrical and mechanical test requirements for electrical connectors. Additional optional tests are shown in the annexes. This standard is not intended to recommend operating conditions or temperatures.

NEMA (ASC C82) (National Electrical Manufacturers Association)

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BSR C82.3-201X, Lamp Ballasts - Reference Ballasts for Fluorescent Lamps (revision of ANSI C82.3-2002 (R2010))

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

Project Need: This project is needed to align High Frequency reference ballast sections with most recent revisions of ANSI C78.375 and ANSI C82.11

This standard describes the essential design features and operating characteristics of reference ballasts for fluorescent lamps. The items specified are those that have been found necessary to ensure accurate and reproducible results when either lamps or ballasts are being tested. It includes requirements for both line-frequency and high-frequency circuits. The specific values of rated input voltage and impedance for each size of lamp are listed in the applicable ANSI C78 lamp standard.

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BSR/MW 1000-2016, Magnet Wire (revision and redesignation of ANSI/NEMA MW 1000-2015)

Stakeholders: Revisions to be proposed are necessary to have dimensional requirements for rectangular wire to encourage standard requirements and to introduce new specifications for class 120 polyvinyl acetal enamelled wire.

Project Need: To revise MW 1000-2015.

MW 1000 presents in concise and convenient form all existing NEMA standards for round, rectangular, and square film-insulated and/or fibrous-covered copper and aluminum magnet wire for use in electrical apparatus. Included are the definitions, type designations, dimensions, constructions, performance, and test methods for magnet wire generally used in the winding of coils for electrical apparatus.

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BSR/TAPPI T 476 om-2011 (R201x), Abrasion loss of paper and paperboard (Taber-type method) (reaffirmation and redesignation of ANSI/TAPPI T 476 om-2011)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products; consumers or converters of such products; and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI standard in order to revise if needed to address new technology or correct errors.

This method determines the resistance of surfaces of paper and paperboard to the action of abrasion, either wet or dry, by measuring abrasion loss. This test is not applicable to the surfaces treated with wax or similar materials which would fill in the pores of the abrasive wheels.

BSR/TAPPI T 578 sp-201x-2011 (R201x), Accelerated light aging of printing and writing paper by xenon-arc exposure apparatus (reaffirmation and redesignation of ANSI/TAPPI T 578 sp-2011)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products; consumers or converters of such products; and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI standard in order to revise if needed to address new technology or correct errors.

This standard practice describes a laboratory procedure for the exposure of printing and writing paper to xenon-arc light at elevated levels of light flux to permit accelerated aging of that type of paper. This standard practice specifies the sample preparation and conditions of exposure required to obtain information on the relative stability of paper with regard to change in optical properties brought about by exposure of such paper to light.

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BSR/UL 2518-201X, Standard for Safety for Air Dispersion System Materials (new standard)

Stakeholders: Manufacturers and users of air-dispersion system materials.

Project Need: To obtain national recognition of a standard covering air-dispersion system materials.

These requirements apply to air dispersion system materials for use in accordance with the following Codes: Installation of Air-Conditioning and Ventilating Systems, NFPA No. 90A; Installation of Warm Air Heating and Air-Conditioning Systems, NFPA No. 90B; International Mechanical Code (IMC); and CBO Uniform Mechanical Code (UMC). These requirements include preformed lengths of fabric or non-fabric products intended to convey and distribute air. They are intended to be limited for use in air handling systems in exposed locations operating under positive pressure. These do not address the joints between sections of air dispersion system materials or end connections

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BSR/UL 1008R-201X, Standard for Refurbished Transfer Switch Equipment (new standard)

Stakeholders: Manufacturers of transfer switches, consumers, retailers, electrical inspectors, electricians, electrician labor unions, building owners, fire department personnel.

Project Need: There are currently no nationally recognized requirements for refurbished transfer switches. Refurbished equipment needs to be evaluated for safety.

This standard applies to refurbished automatic transfer switches; manual or non-automatic transfer switches; closed transition transfer switches; hybrid transfer switches; transfer switches for fire pumps; bypass/isolating switches; softload transfer switches; transfer switches intended for use as service equipment; and branch circuit emergency lighting transfer switches (BCELTS), that have a maximum rating of 1000 volts for use in non-hazardous locations.

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

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

ANSI-Accredited Standards Developers Contact Information

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

AAMI
Association for the Advancement of Medical Instrumentation
4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633
Phone: (703) 647-2779
Web: www.aami.org

ACCA
Air Conditioning Contractors of America
2800 Shirlington Road
Suite 300
Arlington, VA 22206
Phone: (703) 824-8870
Web: www.acca.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526
Phone: (708) 579-8268
Fax: (708) 579-8248
Web: www.ans.org

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
St Joseph, MI 49085
Phone: (269) 932-7027
Fax: (269) 429-3852
Web: www.asabe.org

ASB (ASC Z50)
American Society of Baking
243 Reade Drive
Cogan Station, PA 17728
Phone: (570) 494-0624
Fax: (570) 494-0603
Web: www.asbe.org

ASC X9
Accredited Standards Committee X9, Incorporated
1212 West Street
Suite 200
Annapolis, MD 21401
Phone: (410) 267-7707
Fax: (410) 267-0961
Web: 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

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

AWWA
American Water Works Association
6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-7603
Web: www.awwa.org

BHMA
Builders Hardware Manufacturers Association
355 Lexington Avenue
15th Floor
New York, NY 10017
Phone: (212) 297-2126
Fax: (212) 370-9047
Web: www.buildershardware.com

BICSI
Building Industry Consulting Service International
8610 Hidden River Parkway
Tampa, FL 33637
Phone: (813) 903-4712
Fax: (813) 971-4311
Web: www.bicsi.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

ECIA
Electronic Components Industry Association
2214 Rock Hill Road
Suite 265
Herndon, VA 20170-4212
Phone: (571) 323-0294
Fax: (571) 323-0245
Web: www.ecianow.org

ISA (Organization)
International Society of Automation
67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9228
Fax: (919) 549-8288
Web: www.isa.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

MHI
Material Handling Industry
8720 Red Oak Blvd. - Ste. 201
Suite 201
Charlotte, NC 28217
Phone: (704) 676-1190
Fax: (704) 676-1199
Web: www.mhia.org

MSS
Manufacturers Standardization Society
127 Park Street, NE
Vienna, VA 22180-4602
Phone: (703) 281-6613
Fax: (703) 281-6671
Web: www.mss-hq.org

NASBLA
National Association of State Boating Law Administrators
1648 McGrathiana Parkway
Suite 360
Lexington, KY 40511
Phone: (859) 225-9487
Web: www.nasbla.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

NEMA (ASC C78)
National Electrical Manufacturers Association
1300 N 17th St
Rosslyn , VA 22209
Phone: 703-841-3262
Web: www.nema.org

NEMA (Canvass)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3264
Fax: (703) 841-3364
Web: www.nema.org

PLASA
PLASA North America
630 Ninth Avenue
Suite 609
New York, NY 10036-3748
Phone: (212) 244-1505
Fax: (212) 244-1502
Web: www.plasa.org

PLATO
Portable Lights American Trade Organization
P.O. Box 107
Marblehead, MA 01945
Phone: (440) 835-7661
Web: www.plato-usa.org

SPRI
Single Ply Roofing Institute
411 Waverley Oaks Road
Suite 331B
Waltham, MA 02452
Phone: (781) 647-7026
Fax: (781) 647-7222
Web: www.spri.org

TAPPI
Technical Association of the Pulp and Paper Industry
15 Technology Parkway South
Peachtree Corners, GA 30092
Phone: (770) 209-7277
Fax: (770) 446-6947
Web: www.tappi.org

UL
Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-2023
Web: www.ul.com

ISO & IEC Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org); those regarding IEC documents should be sent to Charles T. Zegers, General Secretary of the USNC (czegers@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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 18862, Analysis of coffee and coffee products - Determination of acrylamide - Methods using HPLC-MS/MS and GC-MS after derivatisation - 11/7/2015, $77.00

AIR QUALITY (TC 146)

ISO/DIS 20581, Workplace air - General requirements for the performance of procedures for the measurement of chemical agents - 1/10/2016, $77.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 17770, Space systems - Cube satellites (CubeSats) - 1/9/2016, $58.00

ISO/DIS 21076, Space data and information transfer systems - Space communications cross support - Architecture requirements document (based on CCSDS 901.1-M-1) - 1/9/2016, $175.00

ISO/DIS 21077, Space data and information transfer systems - Digital motion imagery (based on CCSDS 766.1.-B-1) - 1/16/2016

ISO/DIS 21080, Space data and information transfer systems - Licklider transmission protocol (LTP) for CCSDS (based on CCSDS 734.1-B-1) - 1/9/2016

ISO/DIS 21082, Mission operations - Mal space packet transport binding and binary encoding - 1/9/2016, $134.00

DENTISTRY (TC 106)

ISO/DIS 7787-3, Dentistry - Laboratory cutters - Part 3: Tungsten carbide cutters for milling machines - 1/16/2016, $33.00

FREIGHT CONTAINERS (TC 104)

ISO/DIS 1161, Series 1 freight containers - Corner and intermediate fittings - Specification - 11/7/2015, $82.00

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

ISO/DIS 10855-2, Offshore containers and associated lifting sets - Part 2: Lifting sets - Design, manufacture and marking - 1/9/2016, $58.00

ISO/DIS 19905-3, Petroleum and natural gas industries - Site-specific assessment of mobile offshore units - Part 3: Floating unit - 1/10/2016, $93.00

MECHANICAL CONTRACEPTIVES (TC 157)

ISO/DIS 19671, Additional Lubricants for Condoms - Effect on Condom Strength - 11/8/2015, $46.00

ROAD VEHICLES (TC 22)

ISO 16380/DAmd1, Road vehicles - Blended fuels refuelling connector - Amendment 1 - 1/14/2016, FREE

ISO/DIS 2698, Diesel engines - Clamp-mounted fuel injectors, types 7 and 28 - 11/7/2015, $40.00

ISO/DIS 2974, Diesel engines - 60 degree female cones for high-pressure fuel injection components - 11/8/2015, $58.00

ISO/DIS 11898-2, Road vehicles - Controller area network (CAN) - Part 2: High-speed medium access unit - 1/16/2016, $93.00

ISO/DIS 13948-2, Diesel engines - Fuel injection pumps and fuel injector low-pressure connections - Part 2: Non-threaded (push-on) connections - 11/8/2015, $58.00

SOLID BIOFUELS (TC 238)

ISO/DIS 14780, Solid biofuels - Sample preparation - 3/18/2016, $88.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 19079, Intelligent Transport Systems - Communications access for land mobiles (CALM) - 6LoWPAN networking - 11/8/2015, $93.00

ISO/DIS 19080, Intelligent Transport Systems - Communications access for land mobiles (CALM) - CoAP facility - 11/7/2015, $71.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 20919, Information technology - Linear tape file system (LTFS) format specification - 11/8/2015, $134.00

ISO/IEC DIS 20922, Information technology - Message Queuing Telemetry Transport (MQTT) v3.1.1 - 11/8/2015, $155.00

ISO/IEC DIS 23006-2, Information technology - Multimedia service platform technologies - Part 2: MPEG extensible middleware (MXM) API - 11/6/2015, $112.00

IEC Standards

18/1470A/CDV, IEC 60092-504: Electrical installations in ships - Part 504: Automation, control and instrumentation, 12/25/2015

21/868/CD, IEC 62932-1: Flow battery systems for stationary applications - Part 1: General Aspects, Terminology and Definitions, 01/15/2016

21/869/CD, IEC 62932-2-1: Flow battery systems or stationary applications - Part 2-1: Performance general requirements & methods of test, 01/15/2016

21/870/CD, IEC 62932-2-2: Flow battery systems for stationary applications - Part 2-2: Safety requirements, 01/15/2016

22/258/CD, IEC 62477-2 Ed.1: Safety Requirements for Power Electronic Converter Systems and Equipment - Part 2: Power Electronic Converters from 1000 V a.c. or 1500 V d.c. up to 36 kV a. c. or 54 kV d.c., 01/15/2016

32C/516/NP, Future IEC 60127-8/Ed1: Miniature fuses - Part 8: Fuse resistors with particular overcurrent protection, 01/15/2016

34A/1863/CDV, IEC 62931 Ed.1: GX16t-5 capped tubular LED lamp - Safety specifications, 01/15/2016

34A/1871/FDIS, Amendment 1 to IEC 62532 Ed.1: Fluorescent induction lamps - Safety specifications, 12/11/2015

45A/1050/CD, IEC 62988 Ed.1: Nuclear power plants - Instrumentation and control systems important to safety - Selection and use of wireless devices, 01/15/2016

45A/1051/CD, IEC 60744 Ed.2: Nuclear power plants - Instrumentation and control systems important to safety - Safety logic assemblies: Characteristics and test methods, 01/15/2016

47D/869A/NP, Future IEC 60191-X Ed.1: Requirement to semiconductor devices packaging materials from the environment point of view: Low Halogen Molding Compound, 12/25/2015

47F/233/FDIS, IEC 62047-26 Ed.1: Semiconductor devices - Micro-electromechanical devices - Part 26: Description and measurement methods for micro trench and needle structures, 12/11/2015

48B/2459/PAS, IEC/PAS 61076-2-114/Ed1: Connectors for electronic equipment - Product requirements- Part 2-xxx: Circular connectors - Detail specification for data and power connectors with M8 screw-locking, 01/15/2016

48B/2460/NP, IEC 61076-2-XXX/Ed1: Connectors for electronic equipment - Product requirements - Part 2-114: Circular connectors - Detail specification for data and power connectors with M8 screw-locking, 01/15/2016

51/1117/CD, IEC 62211 Ed.2: Inductive components - Reliability management, 01/15/2016

51/1119/CD, IEC 61605 Ed.3: Fixed inductors for use in electronic and telecommunication equipment - Marking codes, 01/15/2016

57/1605/CDV, IEC 61970-555 Ed.1: Energy management system application program interface (EMS-API) - Part 555: CIM based efficient model exchange format (CIM/E), 01/15/2016

57/1606/CD, IEC 61970-556 Ed.1: Energy management system application program interface (EMS-API) - Part 556: CIM based graphic exchange format (CIM/G), 01/15/2016

65/611/NP, IEC 62443-3-2 Ed.1: Security for industrial automation and control systems - Part 3-2: Security risk assessment and system design, 01/15/2016

65E/482/NP, Industrial-process measurement, control and automation - Uniform representation of condition monitoring functions, 01/15/2016

72/1011A/FDIS, IEC 60730-2-8-A2/Ed2: Automatic electrical controls for household and similar use - Part 2-8: Particular requirements for electrically operated water valves, including mechanical requirements, 11/06/2015

82/1038/CD, IEC 62920 Ed.1: EMC requirements and test methods for power conversion equipment applying to photovoltaic power generating systems, 12/11/2015

82/1042/NP, Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation - Part 2: Thin-film (proposed IEC 62804-2 TS), 01/15/2016

86A/1671/CDV, IEC 60794-3-20/Ed3: Optical fibre cables - Part 3-20: Outdoor cables - Family specification for self-supporting aerial telecommunication cables, 01/15/2016

86A/1676/DTR, IEC 62901/TR/Ed1: Guide for the selection of drop cables, 12/11/2015

86A/1680/CD, IEC 60793-1-45/Ed2: Optical fibres - Part 1-45: Measurement methods - Mode field diameter measurement, 01/15/2016

86A/1683/CD, IEC 62691/TR/Ed2: Guide to the installation of optical fibre cables, 01/15/2016

86B/3954/FDIS, IEC 61753-381-2/Ed1: Fibre optic interconnecting devices and passive components - Performance standard - Part 381 -2: Cyclic arrayed waveguide grating - Category C (controlled environment), 12/11/2015

86B/3955/FDIS, IEC 61753-381-6/Ed1: Fibre optic interconnecting devices and passive components - Performance standard - Part 381 -6: Cyclic arrayed waveguide grating - Category O (uncontrolled environment), 12/11/2015

91/1304A/FDIS, IEC 61189-3-913 Ed.1: Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 3-913: Test method for thermal conductivity of printed circuit boards for high-brightness LEDs, 11/27/2015

91/1311/FDIS, IEC 62326-20 Ed.1: Printed boards - Part 20: Printed circuit boards for high-brightness LEDs, 12/11/2015

108/615/FDIS, IEC 60950-22/Ed2: Information technology equipment - Safety - Part 22: Equipment to be installed outdoors, 12/11/2015

108/616/FDIS, IEC 62911/Ed1: Audio, video and information technology equipment - Routine electrical safety testing in production, 12/11/2015

110/690A/CD, IEC 62908-1-2 Ed.1: Touch and interactive displays - Part 1-2: Generic - Terminology and letter symbols, 12/11/2015

113/284/AC, Chair of TC 113: Nanotechnology standardization for electrical and electronic products and systems, 11/20/2015

113/285/CD, IEC 62565-4-2: Nanomanufacturing - Material specification - Part 4-2: Luminescent nanomaterials - Detail specification for general lighting and display applications, 01/15/2016

119/75/CDV, IEC 62899-402-1 Ed.1: Printed Electronics -Part 402-1: Printability - Measurement of Qualities - Pattern width, 01/15/2016

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

ISO Standards

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 12208:2015, Space systems - Space environment (natural and artificial) - Observed proton fluences over long duration at GEO and guidelines for selection of confidence level in statistical model of solar proton fluences, $88.00

ISO 8267-1:2015, Aircraft - Tow bar attachment fittings interface requirements - Part 1: Main line aircraft, $51.00

ISO 8267-2:2015, Aircraft - Tow bar attachment fittings interface requirements - Part 2: Regional aircraft, $51.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 16610-30:2015, Geometrical product specifications (GPS) - Filtration - Part 30: Robust profile filters: Basic concepts, $123.00

ISO 16610-60:2015, Geometrical product specification (GPS) - Filtration - Part 60: Linear areal filters - Basic concepts, $123.00

FISHERIES AND AQUACULTURE (TC 234)

ISO 18537:2015, Traceability of crustacean products - Specifications on the information to be recorded in captured crustacean distribution chains, $149.00

GRAPHIC TECHNOLOGY (TC 130)

ISO 12647-6/Amd1:2015, Graphic technology - Process control for the production of half-tone colour separations, proofs and production prints - Part 6: Flexographic printing - Amendment 1, $22.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 8600-1:2015, Endoscopes - Medical endoscopes and endotherapy devices - Part 1: General requirements, $123.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO 16900-6:2015, Respiratory protective devices - Methods of test and test equipment - Part 6: Mechanical resistance/strength of components and connections, $149.00

ISO 16900-9:2015, Respiratory protective devices - Methods of test and test equipment - Part 9: Determination of carbon dioxide content of the inhaled gas, $123.00

ISO 16900-10:2015, Respiratory protective devices - Methods of test and test equipment - Part 10: Resistance to ignition, flame, radiant heat and heat, $149.00

ISO 16900-13:2015, Respiratory protective devices - Methods of test and test equipment - Part 13: RPD using regenerated breathable gas and special application mining escape RPD: Consolidated test for gas concentration, temperature, humidity, work of breathing, breathing resistance, elastance and duration, $88.00

PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)

ISO 7623:2015, Steel cord conveyor belts - Cord-to-coating bond test - Initial test and after thermal treatment, $51.00

REFRIGERATION (TC 86)

ISO 5149-1/Amd1:2015, Refrigerating systems and heat pumps - Safety and environmental requirements - Part 1: Definitions, classification and selection criteria - Amendment 1: Correction of QLAV, QLMV, $22.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 289-3:2015, Rubber, unvulcanized - Determinations using a shearing-disc viscometer - Part 3: Determination of the Delta Mooney value for non-pigmented, oil-extended emulsion-polymerized SBR, $51.00

TRANSFUSION, INFUSION AND INJECTION EQUIPMENT FOR MEDICAL USE (TC 76)

ISO 15378:2015, Primary packaging materials for medicinal products - Particular requirements for the application of ISO 9001:2008, with reference to Good Manufacturing Practice (GMP), $240.00

ISO Technical Reports

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TR 19639:2015, Electronic fee collection - Investigation of EFC standards for common payment schemes for multi-modal transport services, $173.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 19757-7/Cor1:2015, Information technology - Document Schema Definition Languages (DSDL) - Part 7: Character Repertoire Description Language (CREPDL) - Corrigendum, FREE

ISO/IEC 14496-22:2015, Information technology - Coding of audio-visual objects - Part 22: Open Font Format, $265.00

ISO/IEC TS 18661-3:2015, Information Technology - Programming languages, their environments, and system software interfaces - Floating-point extensions for C - Part 3: Interchange and extended types, $240.00

ISO/IEC TS 18661-4:2015, Information Technology - Programming languages, their environments, and system software interfaces - Floating-point extensions for C - Part 4: Supplementary functions, $173.00

IEC Standards

ALARM SYSTEMS (TC 79)

IEC 62642-2-71 Ed. 1.0 b:2015, Alarm systems - Intrusion and hold-up systems - Part 2-71: Intrusion detectors - Glass break detectors (acoustic), $278.00

IEC 62642-2-72 Ed. 1.0 b:2015, Alarm systems - Intrusion and hold-up systems - Part 2-72: Intrusion detectors - Glass break detectors (passive), $278.00

IEC 62642-2-73 Ed. 1.0 b:2015, Alarm systems - Intrusion and hold-up systems - Part 2-73: Intrusion detectors - Glass break detectors (active), $278.00

FUSES (TC 32)

IEC 60691 Ed. 4.0 b:2015, Thermal-links - Requirements and application guide, $278.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC 61804-4 Ed. 1.0 b:2015, Function blocks (FB) for process control and electronic device description language (EDDL) - Part 4: EDD interpretation, $387.00

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC 62838 Ed. 1.0 b:2015, LEDsi lamps for general lighting services with supply voltages not exceeding 50 V a.c. r.m.s. or 120 V ripple free d.c. - Safety specifications, $73.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

IEC 60870-5-SER Ed. 1.0 b:2015, Telecontrol equipment and systems - Part 5: Transmission protocols - ALL PARTS, $3147.00

IEC Technical Reports

LASER EQUIPMENT (TC 76)

IEC/TR 60825-17 Ed. 2.0 en:2015, Safety of laser products - Part 17: Safety aspects for use of passive optical components and optical cables in high power optical fibre communication systems, $97.00

IEC Technical Specifications

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

IEC/TS 62746-3 Ed. 1.0 en:2015, Systems interface between customer energy management system and the power management system - Part 3: Architecture, $230.00

IEC/TS 60870-5-601 Ed. 2.0 en:2015, Telecontrol equipment and systems - Part 5-601: Transmission protocols - Conformance test cases for the IEC 60870-5-101 companion standard, $363.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

IEC/TS 62257-1 Ed. 3.0 en:2015, Recommendations for renewable energy and hybrid systems for rural electrification - Part 1: General introduction to IEC 62257 series and rural electrification, $254.00

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 or notifyus@nist.gov.

Information Concerning

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 reply 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. Visit 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 or by e-mail from standards@scte.org.

PINS Notices

Revised Title and Scope

BSR/UL 1004-9-201X

BSR/UL 1004-9-201X was listed in the PINS section of the February 27, 2015 issue of Standards Action. The title and scope of that standard has been revised as follows:

Revised Title:

BSR/UL 1004-9-201X, Form Wound and Medium Voltage Rotating Electrical Machines

Revised Scope:

UL 1004-9 applies to field-installed machines with form wound windings and rated for applications between 460 V and up to 34,000 V. This standard also applies to field-installed machines employing random wound windings and rated for applications above 1000 V and up to 7200 V. These requirements supplement or amend the requirements specified in the standard for Rotating Electrical Machines, UL 1004-1.

Withdrawal

ANSI/MSE 50028-201x

The PINS filed for the revision of ANSI/MSE 50028-2012, which was submitted on September 19, 2014, has been withdrawn by GTESS.

ANSI Accredited Standards Developers

Application for Accreditation

American Board of Multiple Specialties in Podiatry (ABMSP)

Comment Deadline: November 16, 2015

The American Board of Multiple Specialties in Podiatry (ABMSP), a new ANSI organizational member in 2014, has submitted an application for accreditation as an ANSI Accredited Standards Developer (ASD) and proposed operating procedures for documenting ABMSP-sponsored American National Standards. ABMSP's proposed scope of standards activity is as follows:

> The ABMSP SDO, together with its community of interest, will develop American National Standards for the tools, appliances and related processes used by and serving podiatric physicians, their supporting community of interest and their patients. Standards developed by the ABMSP SDO will include but are not limited to orthoses and prostheses of the lower extremity and ankle. The first standards to be addressed by the ABMSP SDO will be related to orthoses and prostheses for the diabetic limb.

To obtain a copy of ABMSP's application and proposed operating procedures or to offer comments, please contact: Stephen B. Permison, MD, Acting Director, ABMSP SDO, 555-8th Avenue, Suite 1902; New York, NY 10018; phone: 301.537.7019; e-mail: sbp@standardsbasedprograms.com. Please submit any comments to ABMSP by November 16, 2015, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthompso@ANSI.org). As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of ABMSP's proposed operating procedures from ANSI Online during the public review period at the following URL: www.ansi.org/accredPR.

Crane Power Line Safety Organization (CPLSO)

Comment Deadline: November 16, 2015

The Crane Power Line Safety Organization (CPLSO), a new ANSI member in 2015, has submitted an application for accreditation as an ANSI Accredited Standards Developer (ASD) and proposed operating procedures for documenting CPLSO-sponsored American National Standards. CPLSO's proposed scope of standards activity is as follows:

> Crane products and work practices when working near high-voltage power lines

To obtain a copy of CPLSO's application and proposed operating procedures or to offer comments, please contact: Dr. Hugh Pratt, Secretary, Crane Power Line Safety Organization, The Marchioness Building, Commercial Road, Bristol BS1 6TG United Kingdom; phone: +44 7879692989; e-mail: pratt.hugh@cplso.org. Please submit any comments to CPLSO by November 16, 2015, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthompso@ANSI.org). As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of CPLSO's proposed operating procedures from ANSI Online during the public review period at the following URL:www.ansi.org/accredPR.

Approval of Accreditation as an ANSI ASD/New Procedures

International Association of Plumbing and Mechanical Officials (IAPMO)

ANSI's Executive Standards Council has approved the accreditation of the International Association of Plumbing and Mechanical Officials (IAPMO) Regulations Governing Consensus Development of the Water Efficiency and Sanitation Standard – for inclusion under its current status as an ANSI Audited Designator (ANSI-Delegated Authority to Apply the ANS Designation without BSR Review by the American National Standards Institute), effective October 9, 2015. For additional information, please contact: Mr. Dan Cole, Technical Services Manager, IAPMO, 18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448; phone: 708.995.3009; e-mail: dan.cole@iapmo.org.

Approval of Reaccreditation

American Composites Manufacturers Association (ACMA)

ANSI's Executive Standards Council has approved the reaccreditation of the American Composites Manufacturers Association (ACMA), an ANSI Organizational Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on ACMA-sponsored American National Standards, effective October 15, 2015. For additional information, please contact: Mr. Larry Cox, ACMA Relevant Committee Secretariat, 122 Wilshire Drive, Hebron, OH 43025; phone: 740.928.3286; e-mail: lcox1225@gmail.com .

Reaccreditation

VMEbus International Trade Association (VITA)

Comment Deadline: November 16, 2015

The VMEbus International Trade Association (VITA), an ANSI organizational member and Accredited Developer, has submitted to ANSI revisions to its currently accredited operating procedures for documenting consensus on VITA-sponsored American National Standards, under which it was last reaccredited in 2014. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Jing Kwok, Technical Director, VITA, 929 W. Portobello Avenue, Mesa, AZ 85210; phone: 602.281.4497; e-mail: jing.kwok@vita.com. You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to VITA by November 16, 2015, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

ANSI Accreditation Program for Third Party Product Certification Agencies

New Accreditation in accordance with ISO/IEC 17065

AIB International Certification Services, Inc.

Comment Deadline: November 16. 2015

Ms. Loree Allen
Quality Systems Accreditation Administrator
AIB International Certification Services, Inc.
1213 Bakers Way
Manhattan , KS 66505-3999
Office: (785) 537-4750
Fax: (785) 537-1493
E-mail: lallen@aibonline.org
Web: www.aibonline.org

On October 8, 2015, AIB International Certification Services, Inc., an ANSI-accredited certification body, was granted Accreditation in accordance with ISO/IEC 17065 for the following scopes:

- BRC Global Standard for Packaging and Packaging Materials
- IFS PACsecure

Please send your comments by Novermber 16, 2015 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

U.S. Technical Advisory Groups

Approval of TAG Accreditation

U.S. TAGs to ISO TC 44/SC 13 – Brazing Materials and Processes, and to ISO TC 44/ SC 14 – Welding and Brazing in Aerospace

ANSI's Executive Standards Council (ExSC) has formally approved the accreditations of the U.S. Technical Advisory Groups to ISO TC 44/SC 13, Brazing materials and processes and ISO TC 44/SC14, Welding and brazing in aerospace under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities (as contained in Annex A of the ANSI International Procedures) and with the American Welding Society serving as TAG Administrator, effective October 9, 2015. For additional information, please contact: Mr. Andrew Davis, Director, International Activities, American Welding Society, 8669 NW 36th Street, #130, Miami, FL 33166; phone: 305.443.9353, ext. 466; e-mail: adavis@aws.org.

Meeting Notices

AHRI Meeting

Revision of AHRI Standard 430 (I-P)-2014, Performance Rating of Central Station Air-handling Unit Supply Fans

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on October 29 from 2 p.m. to 5 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Mary Opalka at mopalka@ahrinet.org.

ASC Z133

The next business meeting of the Accredited Standards Committee Z133 (ANSI Standard for Arboricultural Operations —Safety Requirements) will take place October 21-22, 2015, at Embassy Suites-Baltimore Washington Airport in Linthicum, Maryland. For more information, contact Janet Huber at the International Society of Arboriculture, ASC Z133 Secretariat, by phone (+1 217.355.9411, ext. 259) or by e-mailing jhuber@isa-arbor.com.

Information Concerning

ANSI Accreditation Program for Third Party Product Certification Agencies

Accreditation in Accordance with ISO/IEC 17065

W. Q. S. Certificações Ltda.

Comment Deadline: November 16, 2015

Ms. Eliane DeCampos
Certification Director
W.Q.S. CERTIFICAÇÕES LTDA.
Av. Dep. Dante Delmanto, 2660, Vila Paulista ,
Botucatu - SP CEP: 18.608-393, Brazil
Office: + 55 14 3811 3003
E-mail: eliane@wqs.com.br
www.wqs.com.br

On October 7, 2015, W.Q.S. CERTIFICAÇÕES LTDA., an ANSI-accredited certification body, was granted Accreditation in accordance with ISO/IEC 17065 for the following scopes:

- BRC Global Standard for Food Safety
    - Category 01: Raw Red Meat
    - Category 02: Raw Poultry
    - Category 03: Raw Prepared Products (Meat and Vegetarian)
    - Category 04: Raw Fish Products and Preparations
    - Category 05: Fruits, Vegetables and Nuts
    - Category 06: Prepared Fruit, Vegetables and Nuts
    - Category 07: Dairy, Liquid Egg
    - Category 08: Cooked Meat/Fish Products
    - Category 09: Raw Cured and/or Fermented Meat and Fish
    - Category 10: Ready Meal and Sandwiches; Ready to Eat Desserts
    - Category 11: Low/High Acid Cans/Glass
    - Category 12: Beverages
    - Category 13: Alcoholic Drinks and Fermented/Brewed Products
    - Category 14: Bakery
    - Category 15: Dried Foods and Ingredients
    - Category 16: Confectionery
    - Category 17: Cereals and Snacks
    - Category 18: Oils and Fats

- IFS Food version 6 - New product scopes
  - Product Category 01: Red and white meat, poultry and meat products
  - Product Category 02: Fish and fish products
  - Product Category 03: Egg and egg products
  - Product Category 04: Dairy products
  - Product Category 05: Fruits and Vegetables
  - Product Category 06: Grain products, cereals, industrial bakery and pastry, confectionary, snacks
  - Product Category 07: Combined products
  - IFS Product Category 08: Beverages
  - Product Category 09: Oils and fats
  - Product Category 10: Dry goods, other ingredients and supplements
  - Product Category 11: Pet food
- PrimusGFS
- SQF Code 7.2 Edition, July 2014
  - Module 02: SQF System elements
  - Module 03: Animal Feed Safety Fundamentals –GMP for Compound Feed Production
  - Module 04: Pet food Safety Fundamentals – GMP for Processing of Pet Food Products
  - Module 05: Food Safety Fundamentals – GAP for farming of animal products
  - Module 06: Food Safety Fundamentals – GAP for farming of fish
  - Module 07: Food Safety Fundamentals –GAP for farming of plant products (fruit and vegetables)
  - Module 07H: Food Safety Standard – GAP for Farming of Plant Products
  - Module 08: Food Safety Fundamentals –GAP for farming of grains and pulses
  - Module 09: Food Safety Fundamentals – GMP for pre-processing of animal products
  - Module 10: Food Safety Fundamentals – GMP for pre-processing of plant products
  - Module 11: Food Safety Fundamentals – GMP for processing of food products
  - Module 12: Food Safety Fundamentals – GDP for transport and distribution of food Products
  - Module 13: Food Safety Fundamentals – GMP for production of food packaging
  - Module 16: Requirements for SQF Multi-site Programs Managed by a Central Site

Please send your comments by November 16, 2015 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

BSR/ASHRAE/ASHE Addendum ad to ANSI/ASHRAE/ASHE Standard 170-2013

Public Review Draft

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

Second Public Review (September 2015)
(Draft shows Proposed Changes to Current Standard)

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

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

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

(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 revision to proposed Addendum ad is in response to comments made during the first public review period.

The issue addressed here is to avoid placing a patient into a room that would cause a risk to staff or visitors due to undiagnosed infected individuals with gastrointestinal, respiratory, or skin pathogens. Since examination rooms are the first point of close physical contact with undiagnosed patients these rooms have a higher risk than spaces which contain patients who have already been diagnosed.

This proposed addendum subdivides examination rooms beyond our current division of emergency and non-emergency rooms and establishes air change rates commensurate with the risk within those specialized rooms. Administrative controls (such as assignment of patients to specialized rooms) are an important preventive strategy to supplement the benefit of environmental controls. As such these administrative controls would be applied to people presenting with undiagnosed gastrointestinal, respiratory, or skin infection symptoms, e.g. phone triage, prompt triage to an area away from others, and assignment to a Special Examination Room.

This room classification is one step in the continuum of protection from examination room to procedure room or operating room. Since the majority of examination rooms will not be required to protect staff and visitors from gastrointestinal, respiratory, and skin, disease transmission, the air change rate requirements can be reduced in both total and outdoor air volumes. This division of examination rooms is not applicable to Emergency Department examination 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 ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum ad to 170-2013

Revised 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
DIAGNOSTIC AND TREATMENT							
General Examination Room (ab)	NR	2	4	NR	NR	Max 60	70-75/21-24
Special Examination Room	NR	2	6	NR	NR	Max 60	70–75/21–24

Notes for Table 7.1:

ab. Examination rooms that are not programmed for use by patients with undiagnosed gastrointestinal symptoms, undiagnosed respiratory symptoms, or undiagnosed skin symptoms.

BSR/ASHRAE/ASHE Addendum c
to ANSI/ASHRAE/ASHE Standard 170-2013

Public Review Draft

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

Third Public Review (September 2015)
(Draft shows Proposed Changes to Current Standard)

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

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FOREWORD

This proposed addendum updates the terminology used for Laboratories to align with FGI-2014 (reference 2.1-4.1.2) and includes provisions to reduce air total change rates in these spaces in certain circumstances.

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

Addendum c to 170-2013

Revise Table 6.4 as follows. The remainder of Table 6.4 is unchanged.

TABLE 6.4 Minimum Filter Efficiencies

Space Designation (According to Function)	Filter Bank No. 1 (MERV)[a]	Filter Bank No. 2 (MERV)[a]
~~Laboratories~~ Laboratory Work Areas; Procedure rooms (Class A surgery), and associated semirestricted spaces	13[b]	NR

NR = not required

Notes:

a. The minimum efficiency reporting value (MERV) is based on the method of testing described in ANSI/ASHRAE Standard 52.2, *Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size* ([ASHRAE 2012] in Informative Appendix B).

b. Additional prefilters may be used to reduce maintenance for filters with efficiencies higher than MERV 7.

Revise Table 7.1 as follows. 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
RADIOLOGY ~~(v)~~							
DIAGNOSTIC AND TREATMENT							
Laboratory Work Area, general (f), (v)	Negative	2	6	NR	NR	NR	70–75/21–24
Laboratory Work Area, bacteriology (f), (v)	Negative	2	6	Yes	NR	NR	70–75/21–24
Laboratory Work Area, biochemistry (f), (v)	Negative	2	6	Yes	NR	NR	70–75/21–24
Laboratory Work Area, cytology (f), v)	Negative	2	6	Yes	NR	NR	70–75/21–24
Laboratory Work Area , glasswashing (f)	Negative	2	10	Yes	NR	NR	NR
Laboratory Work Area , histology (f), (v)	Negative	2	6	Yes	NR	NR	70–75/21–24
Laboratory Work Area, microbiology (f), (v)	Negative	2	6	Yes	NR	NR	70–75/21–24
Laboratory Work Area, nuclear medicine (f), (v)	Negative	2	6	Yes	NR	NR	70–75/21–24
Laboratory Work Area, pathology (f), (v)	Negative	2	6	Yes	NR	NR	70–75/21–24
Laboratory Work Area, serology (f), (v)	Negative	2	6	Yes	NR	NR	70–75/21–24
Laboratory Work Area, sterilizing (f)	Negative	2	10	Yes	NR	NR	70–75/21–24
Laboratory Work Area, media transfer (f), (v)	Positive	2	4	NR	NR	NR	70–75/21–24

Table 7-1 Notes:

f. ~~This letter is not used in this table~~. Higher ventilation rates above the total ach listed shall be used when dictated by the laboratory program requirements and the hazard level of the potential contaminants in each Laboratory Work Area. Lower total ach ventilation rates shall be permitted when a risk assessment per the ANSI/AIHA/ASSE Z9.5 Laboratory Ventilation Standard[13] determines that either: (a) the quantity of hazardous contaminants in the Laboratory Work Area is too low to justify the standard ventilation rate, or (b) a demand control approach with active sensing of contaminants or appropriate surrogates is used as described in Chapter 16 of the ASHRAE HVAC Applications Handbook on Laboratories (see ASHRAE [2015] in Informative Appendix B).

v. ~~When required, appropriate hoods and exhaust devices for the removal of noxious gases or chemical vapors shall be provided in accordance with NFPA 99.[8]~~ Room temperatures that exceed the minimum indicated ranges shall be used if required by the laboratory program or laboratory equipment.

Add a new reference to Section 9 as follows. The remainder of Section 9 is unchanged.

9. NORMATIVE REFERENCES

[13] ANSI/AIHA/ASSE Z9.5-2012 *Laboratory Ventilation Standard*, American Society of Safety Engineers. Park Ridge, IL.

Revise Informative Appendix B as follows. The remainder of Informative Appendix B is unchanged.

INFORMATIVE APPENDIX B
INFORMATIVE REFERENCES AND BIBLIOGRAPHY

ASHRAE. 2015. *ASHRAE Handbook—Applications*, Chapter 16, "Laboratories." Atlanta: ASHRAE.

BSR/ASHRAE/ASHE Addendum f
to ANSI/ASHRAE/ASHE Standard 170-2013

Public Review Draft

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

Second Public Review (September 2015)
(Draft shows Proposed Changes to Current Standard)

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

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

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FOREWORD

This proposed addenda clarifies requirements for the Primary Supply Diffuser Array.

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

Addendum f to 170-2013

Revise Table 6.7.2 as follows. The remainder of Table 6.7.2 is unchanged.

TABLE 6.7.2 Supply Air Outlets

Space Designation (According to Function)	Supply Air Outlet Classification[a]
Operating rooms, ~~p~~Procedure rooms ~~(all class A, B, and C surgeries[b])~~	Primary ~~s~~Supply ~~d~~Diffusers~~s~~ included within the Primary Supply Diffuser Array: Group E, nonaspirating ~~a~~Additional supply diffusers within the room:~~,~~ Group E

Revise Section 7.4.1 as follows. Note that the sentence beginning "Additional supply diffusers may be..." is relocated from the last sentence in Subsection 7.4.1.b to its own subsection.

7.4.1 Operating Rooms ~~(Class B and C)~~, Operating/Surgical Cystoscopic Rooms, and Caesarean Delivery Rooms. These rooms shall be maintained at a positive pressure with respect to all adjoining spaces at all times. A pressure differential shall be maintained at a value of at least +0.01 in. wc (2.5 Pa). Each room shall have individual temperature control. These rooms shall be provided with a ~~p~~Primary ~~s~~Supply ~~d~~Diffusers~~s~~ Array that ~~are~~ is designed as follows:

a. The airflow shall be unidirectional, downwards, and the average velocity of the diffusers shall be 25 to 35 cfm/ft^2 (127 to 178 L/s/m^2). The diffusers shall be concentrated to provide an airflow pattern over the patient and surgical team. (For further information, see Memarzadeh and Manning [2002] and Memarzadeh and Jiang [2004] in Informative Appendix B.)

b. The coverage area of the ~~p~~Primary ~~s~~Supply ~~d~~Diffuser ~~a~~Array shall extend a minimum of 12 in. (305 mm) beyond the footprint of the surgical table on each side. Within the portion of the Primary Supply Diffuser Array which consists of an area encompassing 12 in. (305 mm) on each side of the footprint of the surgical table, ~~N~~no more than 30% of this portion of the ~~p~~Primary ~~s~~Supply ~~d~~Diffuser ~~a~~Array

area shall be used for nondiffuser uses such as lights, gas columns, equipment booms, access panels, sprinklers, etc.

Additional supply diffusers ~~may be required~~ shall be permitted within the room, outside of the Primary Supply Diffuser Array, to provide additional ventilation to the operating room to achieve the environmental requirements of Table 7.1 relating to temperature, humidity~~, etc.~~ or a portion of the required air change rates.

The room shall be provided with at least two low sidewall return or exhaust grilles spaced at opposite corners or as far apart as possible, with the bottom of these grilles installed approximately 8 in. (203 mm) above the floor.

Exception: In addition to the required low return (or exhaust) air grilles, such grilles may be placed high on the walls.

BSR/ASHRAE/ASHE Addendum h
to ANSI/ASHRAE/ASHE Standard 170-2013

Public Review Draft

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

First Public Review (September 2015)
(Draft shows Proposed Changes to Current Standard)

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FOREWORD

Currently, in the industry there is a discrepancy in several requirements for environmental conditions in areas of the Sterile Processing Department (SPD) between ASHRAE standards and AAMI standards. ASHRAE standards guide the design of these areas, while AAMI standards guide the operation of these areas. Therefore, some amount of agreement is required between these two groups.

In April of 2015 representatives of ASHRAE, AAMI, FGI, AORN, ASHE and APIC met to discuss these issues. This proposed addendum represents the recommendations for space temperature in several spaces from this group. In addition, a note has been added to the Standard referring users of the standard to the corresponding AAMI document, since there are additional requirements to consider included in that document.

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

Addendum h 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
~~CENTRAL MEDICAL AND SURGICAL SUPPLY~~ STERILE PROCESSING DEPARTMENT[z]							
~~Soiled or d~~Decontamination room	Negative	2	6	Yes	No	NR	~~72–78/22–26~~ 60–73/16-23

Clean workroom	Positive	2	4	NR	No	max 60	~~72~~ ~~78/22~~ ~~26~~ 68–73/20-23
Sterile storage	Positive	2	4	NR	NR	max 60	~~72~~ ~~78/22~~ ~~26~~ Max 75/24

Notes for Table 7.1:
z. See AAMI Standard ST79[13] for additional information for these spaces.

Add the following references to Section 9. The remainder of Section 9 is unchanged.

9. NORMATIVE REFERENCES

[13]ANSI/AAMI Standard ST79-2013, *Comprehensive guide to steam sterilization and sterility assurance in health care facilities*. Association for the Advancement of Medical Instrumentation, Arlington, VA.

BSR/UL 193, Standard for Safety for Alarm Valves for Fire-Protection Service

Revise the Hydrostatic Test Requirements in Bolt Strength 10.13, in the Strength of Body Test 28.1

10.13 The load on any bolt, exclusive of the force required to compress the gasket, shall not exceed the minimum tensile strength specified in Table 2 of the Standard Specification for Carbon Steel Bolts and Studs, 60,000 PSI Tensile Strength, ASTM A307, when the valve is pressurized to four ~~five~~ times the rated working pressure ~~for 6 inch or smaller valves and to four times the rated working pressure for 8 inch or larger size valves~~. The area of the application of pressure is to be calculated as follows:

a) If a full-face gasket is used, the area of force application is that extending out to a line defined by the inner edge of the bolts.

b) If an "O" ring seal or ring gasket is used, the area of force application is that extending out of the center line of the "O" ring or gasket.

28.1 An assembled valve shall withstand, without rupture, an internal hydrostatic pressure of ~~five times the maximum rated working pressure for valve sizes 6 inches and smaller and~~ four times the maximum rated working pressure ~~for valve sizes 8 inches and larger~~ applied for 5 ~~1~~ minutes. During this test, the valve clappers are to be blocked open to impress the test pressure on all parts of the assembly subjected to the design pressure.

Pressure Gauge Updates, Revised 26.2 and 29.1.8

26.2 The sample alarm valve is to be installed in its intended position in a test piping system. This test line is to be equipped with a calibrated-nozzle setup or other appropriate means by which selected rates of flow can be established. A differential ~~mercury~~ pressure gauge or measuring device is to be connected to piezometer fittings located upstream and downstream from the test valve by means of which the loss-of-head between the two piezometer fittings is measured. Selected flow rates are to be established and the loss-of-head over the valve plus that over the piping between piezometers for each rate of flow is to be calculated ~~from the mercury gauge reading~~.

29.1.8 Prior to each test the system pressure is to be observed and recorded by means of a ~~Bourdon-tube~~ pressure gauge. A ~~mercury manometer~~ differential pressure gauge or measuring device is then to be connected to the system with one leg on the downstream side of the clapper and the other leg on the upstream side of the clapper. With the gauge ~~manometer~~ in service, a small amount of water flow is to be taken from the downstream side of the valve until the clapper lifts off of its seat. The pressure differential shown on the gauge ~~manometer~~ at the time the clapper first lifts is to be recorded to determine compliance with 29.1.3. At this time, the gauge ~~manometer~~ is to be shut off or isolated from the system and the remainder of the operational tests using various system flows at this service pressure are to be conducted. The entire process is then to be repeated for each new service pressure.

BSR/UL 507, Standard for Safety for Electric Fans

9. Temperature Test Table 36.1.

36.1.3 Coil and winding temperatures are to be measured by a minimum of four thermocouples located on exposed surfaces of the coil windings, except the change-in-resistance method is to be used for a coil that is inaccessible for mounting of thermocouples, such as a coil:

a) Immersed in sealing compound;

b) Wrapped with thermal insulation; or

c) Wrapped with more than two layers of material such as cotton, paper, or rayon having a total thickness of more than 0.8 mm (1/32 inch).

Exception: The requirement for a minimum of four thermocouples does not apply where physical size does not allow it.

11. New Requirements for Smart Enabled Fans.

SA5.1 Accessory devices shall be marked with the manufacturer's name (or symbol), a part or catalog number, and electrical ratings. Literature packaged with the accessory shall identify the appliance(s) for which it is intended to be used. Additional literature or markings ~~shall~~ may be required, as applicable, when the Standard for Automatic Controls for Household and Similar Use, Part 1: General Requirements, UL 60730-1, and / or the Standard for Information Technology Equipment Safety - Part 1: General Requirements, UL 60950-1, requirements are applied.

BSR/UL 1581, Reference Standard for Electrical Wires, Cables, and Flexible Cords

PROPOSAL

Note from UL Project Manager: For brevity, only the portions of Table 47.1 being revised are shown below.

Table 47.1

Index to insulation and jacket materials

Material	Applicable table(s) or paragraphs in this standard
FEP	
Insulation and jacket from power-limited circuit-cable, cable for	Table ~~50.70~~ 50.73
power-limited fire-alarm circuits, and other cables; and insulation from Types FEP and FEPB; jacket from CATV cables	
200°C insulation	Table ~~50.73~~ 50.70
XL	
90°C jacket from Type USE-2 and USE cables	Table 50.228
75°C jacket from Type USE cable	Table 50.229
Jacket from cable for deep-well submersible water pumps	Table 50.230
XL insulation from Type RFHH-2, RFHH-3,	Table 50.231
and power-limited circuit cable, cable for power-limited fire-alarm circuits, and other cables; jackets from CATV cables	
90°C	Table 50.237
105°C	Table 50.245
XLPO insulation	
125°C insulation	Table 50.232
150°C insulation	Table 50.232
105°C insulation or jacket from power-limited circuit-cable, cable for power-limited fire-alarm circuits, and other cables	Table 50.233