

Contents

American National Standards

Call for Comment on Standards Proposals	2
Call for Members (ANS Consensus Bodies)	7
Final Actions	13
Project Initiation Notification System (PINS)	15
ANS Maintained Under Continuous Maintenance	18
ANSI-Accredited Standards Developers Contact Information	19

International Standards

ISO and IEC Draft Standards	21
ISO and IEC Newly Published Standards	25
Proposed Foreign Government Regulations	27
Information Concerning	28

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

Comment Deadline: February 26, 2017

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

Addenda

BSR/ASHRAE Addendum bk to ANSI/ASHRAE Standard 135-2016, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)

This addendum expands the reserved range of BACnetPropertyIdentifier.

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

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

NSF (NSF International)

Revision

BSR/NSF 50-201x (i127r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

This Standard covers materials, components, products, equipment and systems, related to public and residential recreational water facility operation.

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

Send comments (with copy to psa@ansi.org) to: Lauren Panoff, (734) 769-5197, lpanoff@nsf.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1004-1-201x, Standard for Safety for Rotating Electrical Machines - General Requirements (Proposal dated 1-27-17) (revision of ANSI/UL 1004-1-2016)

This recirculation proposal provides revisions to Topic 2 of the UL 1004-1 proposals dated 8-26-16 and 11-18-16 for the addition of requirements to address separation of circuits.

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

Send comments (with copy to psa@ansi.org) to: Jonette Herman, Jonette.A.Herman@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2225-201X, Standard for Safety for Cables and Cable-Fittings for Use in Hazardous (Classified) (Proposal dated 01-27-17) (revision of ANSI/UL 2225-2016)

This recirculation proposal provides revisions to the UL 2225 proposal dated November 25, 2016.

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

Send comments (with copy to psa@ansi.org) to: Vickie Hinton, (919) 549-1851, Vickie.T.Hinton@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 6703-201x, Standard for Connectors for Use in Photovoltaic Systems (revision of ANSI/UL 6703-2015)

(1) Expansion of UL 6703 Scope to include single-pole devices up to 1500 V dc or less.

[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

Comment Deadline: February 27, 2017

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1-201X, Standard for Safety for Flexible Metal Conduit (revision of ANSI/UL 1-2007 (R2012))

(1) Certification requirements for zinc-coated conduit with uncoated materials.

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

Send comments (with copy to psa@ansi.org) to: Joshua Johnson, (919) 549-1053, Joshua.Johnson@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 651A-201X, Standard for Safety for Schedule 40 and 80 High Density Polyethylene (HDPE) Conduit (revision of ANSI/UL 651A-2016)

(1) Correction to explanatory or approximate impact weight value stated in parentheses.

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

Send comments (with copy to psa@ansi.org) to: Joshua Johnson, (919) 549-1053, Joshua.Johnson@ul.com

Comment Deadline: March 13, 2017

AAFS (American Academy of Forensic Sciences)

New Standard

BSR/ASB Std 017-201x, Standard Practices for Measurement Traceability in Forensic Toxicology (new standard)

This Standard Practices for Measurement Traceability in Forensic Toxicology was developed to provide guidance on minimum requirements for establishing measurement traceability in Forensic Toxicology laboratories. The fundamental reason for establishing traceability of a measurement is to ensure confidence and reliability in forensic toxicological test results.

Single copy price: Free

Obtain an electronic copy from: <http://asb.aafs.org/>

Order from: <http://asb.aafs.org/>

Send comments (with copy to psa@ansi.org) to: the document and comments template at: <https://asb.aafs.org/notification-of-standard-development-and-coordination/>

ANS (American Nuclear Society)

Reaffirmation

BSR/ANS 3.2-2012 (R201x), Managerial, Administrative, and Quality Assurance Controls for the Operational Phase of Nuclear Power Plants (reaffirmation of ANSI/ANS 3.2-2012)

This standard defines the managerial and administrative controls for operating commercial power plants. NQA-1 will be referenced to provide for quality assurance requirements that are common to all phases (construction, design, and operations). The focus only on managerial and administrative controls will facilitate endorsement and increase application to both existing and new nuclear generation.

Single copy price: \$138.00

Obtain an electronic copy from: scook@ans.org

Order from: Sue Cook, (708) 579-8210, orders@ans.org; scook@ans.org

Send comments (with copy to psa@ansi.org) to: Patricia Schroeder, (708) 579-8269, pschroeder@ans.org

ASA (ASC S1) (Acoustical Society of America)**Reaffirmation**

BSR/ASA S1.25-1991 (R201x), Specification for Personal Noise Dosimeters (reaffirmation and redesignation of ANSI S1.25-1991 (R2007))

Contains specifications for performance characteristics of personal noise dosimeters that measure the percentage criterion sound exposure. Makes provision for three exchange rates: 3dB, 4dB, and 5dB per doubling of exposure time. Provides tolerances for instrument including frequency response, exponential averaging (employing SLOW and FAST), threshold, dynamic range, etc. Specifies these tolerances be attained by an instrument in a random incidence sound field without the presence of a person wearing it.

Single copy price: \$100.00

Obtain an electronic copy from: asastds@acousticalsociety.org

Order from: Neil Stremmel, (631) 390-0215, asastds@acousticalsociety.org

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

ASABE (American Society of Agricultural and Biological Engineers)**New Standard**

BSR/ASABE S613-4 MONYEAR-201x, Tractors and self-propelled machinery for agriculture - Air quality systems for cabs - Part 4: Performance test of a cab (new standard)

Defines a performance test for cab use in a risk management program in contaminated environments as part of an OHSMS. Intended to be a guide for engineers and field technicians responsible for cabs in agricultural applications. While this standard provides guidance for use of these systems and defines a way to test the level of protection provided, as defined by the OHSMS. Other tests may provide cabs that are as well suited for this purpose; it is up to the user to demonstrate equivalency. Standard isn't intended to qualify cabs for use in extreme hazardous or low-oxygen environments where a pressurized respirator or high-specification protection requirements are required and therefore are not covered by this standard.

Single copy price: \$58.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, (269) 932-7015, vangilder@asabe.org

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

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

BSR/ASHRAE Addendum bl to ANSI/ASHRAE Standard 135-2016, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)

This addendum clarifies Result(-) response for failed WritePropertyMultiple requests, ReadPropertyMultiple response on OPTIONAL when empty, and Out-Of-Service.

Single copy price: \$35.00

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

Order from: standards.section@ashrae.org

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

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

BSR/ASHRAE Addendum bm to ANSI/ASHRAE Standard 135-2016, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)

This addendum reduces allowed ranges for Usage Timeout, specifies design choices for MS/TP devices, and handles unwanted MS/TP frames in IDLE state.

Single copy price: \$35.00

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

Order from: standards.section@ashrae.org

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

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

BSR/ASHRAE Addendum r to ANSI/ASHRAE Standard 135.1-2013, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2013)

This addendum adds Property_List property tests and tests for DUPLICATE_ENTRY error code.

Single copy price: \$35.00

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

Order from: standards.section@ashrae.org

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

AWS (American Welding Society)**Revision**

BSR/AWS D9.1/D9.1M-201x, Sheet Metal Welding Code (revision of ANSI/AWS D9.1M/D9.1-2012)

This code provides qualification, workmanship, and inspection requirements for both arc welding (Part A) and braze welding (Part B), as they apply to the fabrication, manufacture, and erection of nonstructural sheet metal components and systems.

Single copy price: \$40.00

Obtain an electronic copy from: jmolin@aws.org

Order from: Jennifer Molin, (305) 443-9353, jmolin@aws.org

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

CSA (CSA Group)***New National Adoption***

BSR/CSA FC 5.1-201x, Hydrogen generators using fuel processing technologies - Part 1: Safety (national adoption with modifications of ISO 16110-1)

This part of ISO 16110 applies to packaged, self-contained, or factory-matched hydrogen generation systems, referred to in this standard as hydrogen generators, that convert an input fuel to a hydrogen-rich stream of composition and conditions suitable for the type of device using the hydrogen (e.g., a fuel cell power system or a hydrogen compression, storage, and delivery system).

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

ECIA (Electronic Components Industry Association)***New National Adoption***

BSR/EIA 61014 Ed.2.0-201x, Programs for reliability growth (identical national adoption of IEC 61014:2003 Ed.2.0)

This International Standard specifies requirements and gives guidelines for the exposure and removal of weaknesses in hardware and software items for the purpose of reliability growth. It applies when the product specification calls for a reliability growth program of equipment (electronic, electromechanical, and mechanical hardware as well as software) or when it is known that the design is unlikely to meet the requirements without improvement.

Single copy price: \$278.00

Obtain an electronic copy from: <https://global.ihs.com/>

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

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)***New National Adoption***

BSR/EIA 61025 Ed.2.0-201x, Fault tree analysis (FTA) (identical national adoption of IEC 61025:2006 Ed.2.0)

This International Standard describes fault tree analysis and provides guidance on its application as follows:

- definition of basic principles;
- describing and explaining the associated mathematical modelling;
- explaining the relationships of FTA to other reliability modelling techniques;
- description of the steps involved in performing the FTA;
- identification of appropriate assumptions, events and failure modes; and
- identification and description of commonly used symbols.

Single copy price: \$303.00

Obtain an electronic copy from: <https://global.ihs.com/>

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

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)***New National Adoption***

BSR/EIA 61124 Ed.3.0-201x, Reliability testing - Compliance tests for constant failure rate and constant failure intensity (identical national adoption of IEC 61124:2012 Ed.3.0)

This International Standard gives a number of optimized test plans, the corresponding operating characteristic curves and expected test times. In addition the algorithms for designing test plans using a spreadsheet program are also given, together with guidance on how to choose test plans. This standard specifies procedures to test whether an observed value of

- failure rate;
- failure intensity;
- mean time to failure (MTTF); and
- mean operating time between failures (MTBF);

conforms to a given requirement.

Single copy price: \$387.00

Obtain an electronic copy from: <https://global.ihs.com/>

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

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)***New National Adoption***

BSR/EIA 61164 Ed.2.0-201x, Reliability growth - Statistical test and estimation methods (identical national adoption of IEC 61164:2004 Ed.2.0)

This International Standard gives models and numerical methods for reliability growth assessments based on failure data, which were generated in a reliability improvement program. These procedures deal with growth, estimation, confidence intervals for product reliability, and goodness-of-fit tests.

Single copy price: \$303.00

Obtain an electronic copy from: <https://global.ihs.com/>

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

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)***New National Adoption***

BSR/EIA 61649 Ed.2.0-201x, Weibull Analysis (identical national adoption of IEC 61649:2008 Ed.2.0)

This International Standard provides methods for analyzing data from a Weibull distribution using continuous parameters such as time to failure, cycles to failure, mechanical stress, etc. This standard is applicable whenever data on strength parameters, e.g., times to failure, cycles, stress, etc. are available for a random sample of items operating under test conditions or in-service, for the purpose of estimating measures of reliability performance of the population from which these items were drawn.

Single copy price: \$339.00

Obtain an electronic copy from: <https://global.ihs.com/>

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

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)***New National Adoption***

BSR/EIA 61710 Ed.2.0-201x, Power law mode - Goodness-of-fit tests and estimation methods (identical national adoption of IEC 61710:2013 Ed.2.0)

This International Standard specifies procedures to estimate the parameters of the power law model, to provide confidence intervals for the failure intensity, to provide prediction intervals for the times to future failures, and to test the goodness-of-fit of the power law model to data from repairable items. It is assumed that the time to failure data have been collected from an item, or some identical items operating under the same conditions (e.g., environment and load).

Single copy price: \$303.00

Obtain an electronic copy from: <https://global.ihs.com/>

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

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)***New National Adoption***

BSR/EIA 62506 Ed.1.0-201x, Methods for product accelerated testing (identical national adoption of IEC 62506:2013 Ed.1.0)

This International Standard provides guidance on the application of various accelerated test techniques for measurement or improvement of product reliability. Identification of potential failure modes that could be experienced in the use of a product/item and their mitigation is instrumental to ensure dependability of an item. The object of the methods is to either identify potential design weakness or provide information on item dependability, or to achieve necessary reliability/availability improvement, all within a compressed or accelerated period of time. This standard addresses accelerated testing of non-repairable and repairable systems.

Single copy price: \$363.00

Obtain an electronic copy from: <https://global.ihs.com/>

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

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

HPS (ASC N13) (Health Physics Society)***Reaffirmation***

BSR N13.30-2011 (R201x), Performance Criteria for Radiobioassay (reaffirmation of ANSI N13.30-2011)

This standard provides criteria for radiobioassay service laboratory quality assurance, performance evaluation, and accreditation. Criteria are included for determining bias, precision, and the minimum detectable amount of a measurement procedure. Technical standards for a performance testing program are provided. This standard provides useful and practical information and guidance for users, providers, and regulators of radiobioassay services.

Single copy price: \$20.00

Obtain an electronic copy from: awride-graney@burkinc.com

Order from: Amy Wride-Graney, (703) 790-1745, ext 213, awride-graney@burkinc.com

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

IESNA (Illuminating Engineering Society of North America)***Revision***

BSR/IES RP-7-17-201x, Recommended Practice for Lighting Industrial Facilities (revision and redesignation of ANSI/IESNA RP-7-2012)

This standard is a guide for the design of permanently installed lighting systems for industrial facilities, including indoor and outdoor and providing recommended minimum illumination levels.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillcuddy@ies.org

Order from: pmcgillcuddy@ies.org

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

NSF (NSF International)***Revision***

BSR/NSF 61-201x (i127r2), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2016)

This Standard establishes minimum health effects requirements for the chemical contaminants and impurities that are indirectly imparted to drinking water from products, components, and materials used in drinking water systems. This Standard does not establish performance, taste and odor, or microbial growth support requirements for drinking water system products, components, or materials.

Single copy price: Free

Obtain an electronic copy from: mleslie@nsf.org

Order from: Monica Leslie, (734) 827-5643, mleslie@nsf.org

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

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

BSR/UL 7005-201x, Standard for Sustainability for Household Clothes Drying Appliances (new standard)

This Standard covers: (a) electric clothes dryers and (b) gas clothes dryers.

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: Ritu Madan, (847) 664-3297, ritu.madan@ul.com

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

BSR/UL 710-2012 (R201x), Standard for Exhaust Hoods for Commercial Cooking Equipment (reaffirmation of ANSI/UL 710-2012)

UL proposes a reaffirmation for ANSI approval of UL 710.

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: Nicolette Allen, (919) 549-0973, Nicolette.Allen@ul.com

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

BSR/UL 1046-2012 (R201X), Standard for Grease Filters for Exhaust Ducts (reaffirmation of ANSI/UL 1046-2012)

UL proposes a reaffirmation for ANSI approval of UL 1046.

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: Nicolette Allen, (919) 549-0973, Nicolette.Allen@ul.com

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

BSR/UL 507-201x, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2016)

(1) Addition of a new Supplement SB to include IEC 60335-1-based requirements as option for the evaluation of electronic circuits.

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.)**Revision**

BSR/UL 723-201x, Standard for Safety for Test for Surface Burning Characteristics of Building Materials (revision of ANSI/UL 723-2013)

The following changes in requirements to the Standard for Test for Surface Burning Characteristics of Building Materials, UL 723, are being proposed:

(1) Updates the reference to the photometer system; (2) Clarity on the user of standardized mounting practices; (3) Adds a new mounting practice, ASTM E2988, Standard Practice for Specimen Preparation and Mounting of Flexible Fibrous Glass Insulation for Metal Buildings to assess surface burning characteristics; (4) Revision to add heptane for optional smoke calibration procedure; (5) Clarity on flame front advancement when floor ignition occurs; and (6) Removes the requirement for ASTM E136 for Fiber Cement Board.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Mary Huras, Mary. Huras@ul.com

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

BSR/UL 817-201X, Standard for Safety for Cord Sets and Power-Supply Cords (Proposal dated 1/27/17) (revision of ANSI/UL 817-2016)

(1) Addition of requirements for tamper-resistant features, new Supplement SE.

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: Linda Phinney, (510) 319-4297, Linda.L.Phinney@ul.com

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

BSR/UL 62841-3-9-201x, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-9: Particular Requirements for Transportable Mitre Saws (revision of ANSI/UL 62841-3-9-2016)

(1) Proposed addition of clause 1DV to modify the scope of the standard by specifying a 400-mm saw blade diameter; (2) Proposed revision to table 4, Required Performance Levels, and deletion of table 4DV to align with changes in IEC Corrigendum 1 of IEC 62841-3-9; (3) Proposed revision to the marking requirements in clause 8.3 to align with changes in IEC Corrigendum 2 of IEC 62841-3-9.

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: Beth Northcott, (847) 664-3198, Elizabeth.Northcott@ul.com

Projects Withdrawn from Consideration

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

RESNET (Residential Energy Services Network, Inc.)

BSR/RESNET/ICC 301-2014 Addendum C-201x, Whole-House Mechanical Ventilation (addenda to ANSI/RESNET 301-2014)

Modification of ANSI/RESNET/ICC 301-2014 criteria for Whole-House Mechanical Ventilation.

Inquiries may be directed to Richard Dixon, (760) 408-5860, rick.dixon@resnet.us

Corrections**Typographical Errors****BSR B18.22M-1981 (R201x) and BSR B17.6-1972 (R201x)**

In the January 6, 2017 Call for Comment section, there was a typographical error in the project description for BSR B18.22M-1981 (R201x). It should have been listed as a (reaffirmation of ANSI B18.22M-1981 (R2010)).

There was also a typographical error in the project description for BSR B27.6-1972 (R201x). It should have been listed as a (reaffirmation of ANSI B27.6-1972 (R2011)).

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N. Fairfax Dr., Ste 301
Suite 301
Arlington, VA 22203-1633

Contact: *Cliff Bernier*

Phone: (703) 253-8263

Fax: (703) 276-0793

E-mail: cbernier@aami.org

BSR/AAMI/ISO 5840-3-201x, Cardiovascular implants - Cardiac valve prostheses - Part 3: Heart valve substitutes implanted by transcatheter techniques (identical national adoption of ISO/DIS 5840 -3 and revision of ANSI/AAMI/ISO 5840-3-2012)

ASA (ASC S1) (Acoustical Society of America)

Office: 1305 Walt Whitman Road Suite 300
Melville, NY 11747

Contact: *Neil Stremmel*

Phone: (631) 390-0215

Fax: (631) 923-2875

E-mail: asastds@acousticalsociety.org

BSR/ASA S1.25-1991 (R201x), Specification for Personal Noise Dosimeters (reaffirmation and redesignation of ANSI S1.25-1991 (R2007))

ECIA (Electronic Components Industry Association)

Office: 2214 Rock Hill Road
Suite 265
Herndon, VA 20170-4212

Contact: *Laura Donohoe*

Phone: (571) 323-0294

Fax: (571) 323-0245

E-mail: ldonohoe@ecianow.org

BSR/EIA 61014 Ed.2.0-201x, Programs for reliability growth (identical national adoption of IEC 61014:2003 Ed.2.0)

BSR/EIA 61025 Ed.2.0-201x, Fault tree analysis (FTA) (identical national adoption of IEC 61025:2006 Ed.2.0)

BSR/EIA 61124 Ed.3.0-201x, Reliability testing - Compliance tests for constant failure rate and constant failure intensity (identical national adoption of IEC 61124:2012 Ed.3.0)

BSR/EIA 61164 Ed.2.0-201x, Reliability growth - Statistical test and estimation methods (identical national adoption of IEC 61164:2004 Ed.2.0)

BSR/EIA 61649 Ed.2.0-201x, Weibull Analysis (identical national adoption of IEC 61649:2008 Ed.2.0)

BSR/EIA 61710 Ed.2.0-201x, Power law mode - Goodness-of-fit tests and estimation methods (identical national adoption of IEC 61710:2013 Ed.2.0)

BSR/EIA 62506 Ed.1.0-201x, Methods for product accelerated testing (identical national adoption of IEC 62506:2013 Ed.1.0)

ISEA (International Safety Equipment Association)

Office: 1901 North Moore Street
Suite 808
Arlington, VA 22209

Contact: *Cristine Fargo*

Phone: (703) 525-1695

Fax: (703) 525-1698

E-mail: cfargo@safetysafetyequipment.org

BSR/ISEA 105-201x, Hand Protection Classification (revision of ANSI/ISEA 105-2016)

BSR/ISEA 107-201x, High-Visibility Safety Apparel and Accessories (revision of ANSI/ISEA 107-2015)

NSF (NSF International)

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

Contact: *Lauren Panoff*

Phone: (734) 769-5197

E-mail: lpanoff@nsf.org

BSR/NSF 50-201x (i127r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Drive
Suite 400
Research Triangle Park, NC 27709-3995

Contact: *Mary Huras*

Phone: (613) 368-4425

E-mail: Mary.Huras@ul.com

BSR/UL 723-201x, Standard for Safety for Test for Surface Burning Characteristics of Building Materials (revision of ANSI/UL 723-2013)

Call for Members (ANS Consensus Bodies)

ASTM International Committee E62 on Industrial Biotechnology

ASTM International Committee E62 on Industrial Biotechnology (<https://www.astm.org/COMMITTEE/E62.htm>) is welcoming new members (in all interest groups) interested in contributing to the development of standards in areas such as:

- Differentiation of petroleum based materials from bio based raw materials
- Forms of biomass commonly used or proposed for use as feed stocks
- Carbohydrates and oils (not limited to these 2 areas) derived from biomass
- Determination of (and percentage of) green content
- Life Cycle Analysis used within industrial biotechnology
- "Drop-in" chemicals
- Analysis/testing of new chemicals and materials created by industrial biotechnology
- Assessment of purity and/or use/development of impurity profiles
- Labeling

If you are interested in joining Committee E62, please contact ASTM Director of Developmental Operations, Pat Picariello at ppicariello@astm.org, or visit the Membership area of the ASTM website (<https://www.astm.org/MEMBERSHIP/index.html>).

Call for Members (ANS Consensus Bodies)

ASTM International Committee E63 on Human Resource Management

ASTM International Committee E63 on Human Resource Management (<https://www.astm.org/COMMITTEE/E63.htm>) is welcoming new members (in all interest groups) interested in contributing to the development of standards in areas such as:

- Diversity & Inclusion
- Terminology
- Metrics and Measures
- Compensation and Benefits
- Employee and Labor Relations
- Staffing and Workforce Planning
- Organizational Development and Change Management
- Mergers, Acquisitions, and Outsourcing
- Performance Management
- Sustainability and Workforce Readiness
- Training and Employee Development

If you are interested in joining Committee E63, please contact ASTM Director of Developmental Operations, Pat Picariello at ppicariello@astm.org or visit the Membership area of the ASTM website (<https://www.astm.org/MEMBERSHIP/index.html>).

Call for Members (ANS Consensus Bodies)

ASTM International Committee F42 on Additive Manufacturing Technologies

ASTM International Committee F42 on Additive Manufacturing Technologies (<https://www.astm.org/COMMITTEE/F42.htm>) is welcoming new members (in all interest groups) interested in contributing to the development of standards in areas outlined in the newly revised Additive Manufacturing Standards Structure (https://www.astm.org/COMMIT/F42_ISOASTM_AdditiveManuStandardsStructure.pdf) – topics under development include, but are not limited to:

- WK56649 Guide for Intentionally Seeding Flaws in Additively Manufactured (AM) Parts
- WK55297 Additive Manufacturing – General Principles – Standard Test Artefacts for Additive Manufacturing
- WK54856 Principles of Design Rules in Additive Manufacturing
- WK53425 Thermal Post Processing of Metal Powder Bed Fusion Parts
- WK53878 Additive Manufacturing – Material Extrusion Based Additive Manufacturing of Plastic Materials – Part 1: Feedstock materials
- WK53879 Additive Manufacturing – Material Extrusion Based Additive Manufacturing of Plastic Materials – Part 2: Process-equipment
- WK53880 Additive Manufacturing – Material Extrusion Based Additive Manufacturing of Plastic Materials: Final Part Specification

If you are interested in joining Committee F42, please contact ASTM Director of Developmental Operations, Pat Picariello at ppicariello@astm.org or visit the Membership area of the ASTM website (<https://www.astm.org/MEMBERSHIP/index.html>).

Call for Members (ANS Consensus Bodies)

NSF International

Office: 789 N. Dixboro Road
P.O. Box 130140
Ann Arbor, MI 48113-0140

Contact: *Al Rose*
Phone: (734) 827-3817
E-mail: arose@nsf.org

NSF is seeking experts to serve on the NSF **Joint Committee on Personal Care Products Containing Organic Ingredients**.

Currently, there are openings in the following Interest Categories:

Public Agency: A member who is from a public agency.

Industry: A member who produces, assembles, distributes, or sells materials, products, systems, or services covered in the scope of the standard. Industry trade association representatives are included in this membership classification.

User/Consumer: A member who purchases, uses, or specifies materials, products, systems, or services covered in the scope of the standard. A member who represents an organization that provides for-profit services applying to the scope of the Standard

NSF/ANSI 305, Personal Care Products Containing Organic Ingredients, is the American National Standard that defines labeling and marketing requirements for “contains organic ingredients” claim for products with a minimum organic content of 70 percent (070).
(current revision: 305-2014.)

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1 – Safety Requirements for Woodworking Machinery

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

- General Interest
- Government
- Producer
- User

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

Final Actions on American National Standards

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

AARST (American Association of Radon Scientists and Technologists)

New Standard

- * ANSI/AARST CC-1000-2017, Soil Gas Control Systems in New Construction of Buildings (new standard): 1/19/2017
- * ANSI/AARST SGM-SF-2017, Soil Gas Mitigation Standards for Existing Homes (new standard): 1/12/2017

ADA (American Dental Association)

Reaffirmation

ANSI/ADA Standard No. 47-2006 (R2017), Dental Units (reaffirmation of ANSI/ADA 47-2006): 1/17/2017

AIIM (Association for Information and Image Management)

Revision

ANSI/AIIM 22-2017, Standard Recommended Practice - Strategy Markup Language - Part 2, Performance Plans and Reports (revision of ANSI/AIIM 22-2011): 1/19/2017

ANS (American Nuclear Society)

Reaffirmation

ANSI/ANS 16.1-2003 (R2017), Measurement of the Leachability of Solidified Low-Level Radioactive Wastes by a Short-Term Test Procedure (reaffirmation of ANSI/ANS 16.1-2003 (R2008)): 1/12/2017

ANSI/ANS 58.14-2011 (R2017), Safety and Pressure Integrity Classification Criteria for Light Water Reactors (reaffirmation of ANSI/ANS 58.14-2011): 1/12/2017

ASABE (American Society of Agricultural and Biological Engineers)

Revision

ANSI/ASABE S623.1-JAN2017, Determining Landscape Plant Water Demands (revision and redesignation of ANSI/ASABE S623-2015): 1/12/2017

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

ANSI X9.82-3-2007 (R2017), Random Number Generation - Part 3: Deterministic Random Bit Generator Mechanisms (reaffirmation of ANSI X9.82 Part 3-2007): 1/11/2017

ANSI X9.100-30-2011 (R2017), Optical Background Measurement for MICR Documents (reaffirmation of ANSI X9.100-30-2011): 1/19/2017

ASME (American Society of Mechanical Engineers)

Revision

ANSI/ASME B31J-2017, Standard Test Method for Determining Stress Intensification Factors (i-Factors) for Metallic Piping Components (revision of ANSI/ASME B31J-2008 (R2013)): 1/11/2017

ASTM (ASTM International)

New Standard

ANSI/ASTM F2389-2017, Specification for Pressure-Rated Polypropylene (PP) Piping Systems (new standard): 1/15/2017

Reaffirmation

ANSI/ASTM E2748-2017, Guide for Fire-Resistance Experiments (reaffirmation of ANSI/ASTM E2748-2012A): 1/17/2017

Revision

ANSI/ASTM D6299-2017, Practice for Applying Statistical Quality Assurance and Control Charting Techniques to Evaluate Analytical Measurement System Performance (revision of ANSI/ASTM D6299-2016): 1/17/2017

ANSI/ASTM F2160-2017, Specification for Solid Wall High Density Polyethylene (HDPE) Conduit Based on Controlled Outside Diameter (OD) (revision of ANSI/ASTM F2160-2010): 1/10/2017

ATIS (Alliance for Telecommunications Industry Solutions)

New Standard

ANSI/ATIS 0600015.13-2017, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting for 802.11xx Wi-Fi Access Points (new standard): 1/19/2017

CSA (CSA Group)

Reaffirmation

- * ANSI Z21.40.4-1996 (R2017) and Z21.40.4a-1998 (R2017), Performance Testing and Rating of Gas-Fired Air Conditioning and Heat Pump Appliances (reaffirmation of ANSI Z21.40.4-1996 (R2012) and Z21.40.4a-1998 (R2012)): 1/17/2017

ECIA (Electronic Components Industry Association)

New Standard

ANSI/EIA 710-A-2017, Requirements Guide for Space Grade Electrical Connectors (new standard): 1/11/2017

HL7 (Health Level Seven)

New Standard

ANSI/HL7 CDAR2 IG CONSENTDIR, R1-2017, HL7 CDA R2 Implementation Guide: Privacy Consent Directives, Release 1 (new standard): 1/12/2017

HPS (ASC N13) (Health Physics Society)

Reaffirmation

ANSI N2.1-2011 (R2016), Radiation Symbol (reaffirmation of ANSI N2.1-2011): 1/11/2017

IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)***New Standard***

ANSI C63.27-2017, Draft Standard for Evaluation of Wireless Coexistence (new standard): 1/19/2017

NECA (National Electrical Contractors Association)***New Standard***

- * ANSI/NECA 416-2016, Recommended Practice for Installing Stored Energy Systems (new standard): 1/17/2017

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

ANSI C12.6-1987 (R2016), Phase-Shifting Devices Used In Metering, Marking and Arrangement of Terminals (reaffirmation of ANSI C12.6 -1987 (R2011)): 1/12/2017

NSF (NSF International)***Revision***

- * ANSI/NSF 50-2017 (i119r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016): 1/10/2017
- * ANSI/NSF 50-2017 (i121r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016): 1/17/2017
- * ANSI/NSF 363-2017 (i10r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014): 1/9/2017
- * ANSI/NSF 401-2017 (i5r1), Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401 -2016): 1/12/2017

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

ANSI/SCTE 171-2017, Passive Network Device (NID) Enclosure Specification (new standard): 1/19/2017

Revision

ANSI/SCTE 102-2016, Cable Retention Force Testing of Trunk & Distribution Connectors (revision of ANSI/SCTE 102-2010): 1/11/2017

ANSI/SCTE 161-2016, Drop Amplifiers (revision of ANSI/SCTE 161 -2009): 1/11/2017

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

- * ANSI/UL 153-2017, Standard for Safety for Portable Electric Luminaires (revision of ANSI/UL 153-2015): 1/20/2017
 - * ANSI/UL 153-2017a, Standard for Safety for Portable Electric Luminaires (revision of ANSI/UL 153-2015): 1/20/2017
 - * ANSI/UL 563-2017, Standard for Ice Makers (revision of ANSI/UL 563 -2013): 1/12/2017
- ANSI/UL 746A-2017, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2016): 1/11/2017

ANSI/UL 746E-2017, Standard for Safety for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used In Printed-Wiring Boards (revision of ANSI/UL 746E-2016): 1/13/2017

ANSI/UL 797A-2017, Standard for Safety for Electrical Metallic Tubing - Aluminum and Stainless Steel (revision of ANSI/UL 797A-2014): 1/20/2017

ANSI/UL 1990-2017, Standard for Safety for Nonmetallic Underground Conduit with Conductors (Proposal dated 11/18/16) (revision of ANSI/UL 1990-2011 (R2016)): 1/20/2017

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.

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N. Fairfax Dr., Ste 301
Suite 301
Arlington, VA 22203-1633

Contact: *Cliff Bernier*

Fax: (703) 276-0793

E-mail: cbernier@aami.org

BSR/AAMI/ISO 5840-3-201x, Cardiovascular implants - Cardiac valve prostheses - Part 3: Heart valve substitutes implanted by transcatheter techniques (identical national adoption of ISO/DIS 5840-3 and revision of ANSI/AAMI/ISO 5840-3-2012)

Stakeholders: Manufacturers, users, and regulators of heart valve substitutes.

Project Need: Revise current American National Standard to reflect current technology.

Outlines an approach for verifying/validating the design and manufacture of a transcatheter heart valve substitute through risk management. The selection of appropriate verification/validation tests and methods are to be derived from the risk assessment. The tests may include those to assess the physical, chemical, biological, and mechanical properties of heart valve substitutes and of their materials and components. The tests can also include those for preclinical in vivo evaluation and clinical evaluation of the finished heart valve substitute.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
St Joseph, MI 49085

Contact: *Carla VanGilder*

Fax: (269) 429-3852

E-mail: vangilder@asabe.org

BSR/ASABE AD5673-1-201x, Agricultural tractors and machinery - Power take-off drive shafts and power-input connection - Part 1: General manufacturing and safety requirements (national adoption of ISO 5673-1:2005 with modifications and revision of ANSI/ASABE AD5673-1:2005 SEP2014)

Stakeholders: Manufacturers, owners, and users of PTO drive shafts.

Project Need: Type 4 Tractor PTOs have been introduced and acceptable power levels increased in ISO 500. The current tables in ISO 5673-1 do not agree with the ISO 500 revision.

Specifies the power take-off drive shafts of a tractor or self-propelled machine used in agriculture and the power-input connection of its implement, establishing a method for determining PTO static and dynamic torsional strength while giving manufacturing and safety requirements. Applicable only to PTO drive shafts and guards mechanically linked to the shaft by at least two bearings. Not applicable to PTO drive shafts guarded by location or to the mechanical characteristics of overrun devices and torque limiters, nor are environmental aspects considered; neither is it applicable to PTO drive shafts and their guards manufactured before the date of its publication.

ASB (ASC Z50) (American Society of Baking)

Office: 243 Reade Drive
Cogan Station, PA 17728

Contact: *Toby Steward*

Fax: (570) 494-0603

E-mail: toby.steward@tnasolutions.com

BSR ASB Z50.1-201X, Bakery Equipment - Safety Standards (revision and redesignation of ANSI ASB Z50.1-2006 (R2016))

Stakeholders: Baking industry.

Project Need: Update to latest industry needs and requirements.

Review standard for alignment with current industry requirements.

ASC X9 (Accredited Standards Committee X9, Incorporated)

Office: 275 West Street
Suite 107
Annapolis, MD 21401

Contact: Ambria Frazier

E-mail: Ambria.frazier@x9.org

BSR X9.12-1991 (S201x), Specifications for Fully Registered Municipal Securities (stabilized maintenance of ANSI X9.12-1991 (R2007))

Stakeholders: Financial service industry.

Project Need: This standard is intended for use in the issuance of all fully registered municipal securities.

This standard defines the physical characteristics of a municipal security including certificate size, content, and layout. The specific language regarding provisions of the instrument is defined by the issuing authority and is not prescribed in the body of this standard. At a minimum, this standard is intended for use in the issuance of all fully registered municipal securities.

ASPE (American Society of Plumbing Engineers)

Office: 6400 Shafer Court
Suite 350
Rosemont, IL 60018

Contact: Gretchen Pienta

Fax: (847) 296-2963

E-mail: gpienta@aspe.org

BSR/WQA/ASPE/NSF S-802-201x, Sustainable Treatment Media for Drinking Water Applications (revision and redesignation of ANSI/WQA/ASPE/NSF S-802-2014)

Stakeholders: Water treatment system manufacturers.

Project Need: This standard provides much-needed, meaningful product sustainability performance information to consumers and stakeholders to drive innovation and continual improvement in the sustainability performance of treatment media for drinking water treatment.

The scope of this voluntary product sustainability certification standard includes activated carbon and ion exchange resin (or blends thereof) commonly utilized in the treatment of drinking water for any of the following end-use applications: point of use (POU) systems or products, point of entry (POE) systems, commercial/industrial systems, and municipal supplies. The requirements of this standard shall be applicable to all production facilities, owned or controlled by the applicant company, encompassing all phases of production. This standard will be applicable globally and may be applied to certification of applicable products by any qualified certification body.

BSR/WQA/ASPE/NSF S-803-201x, Sustainable Drinking Water Treatment Systems (revision of ANSI/WQA/ASPE S-803-2015)

Stakeholders: Water treatment system manufacturers.

Project Need: This standard provides much-needed, meaningful product sustainability performance information to consumers and stakeholders to drive innovation and continual improvement in the sustainability performance of drinking water treatment systems, specifically those utilizing UV, ion-exchange resins, and dispensers/fountains.

This standard applies to products that treat or otherwise produce water for human consumption (e.g., drinking and/or food/beverage preparation) or recreation, but excludes products that treat wastewater. It includes performance criteria for systems using UV, ion-exchange resins, and dispensers/fountains.

ASTM (ASTM International)

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

Contact: Corice Leonard

Fax: (610) 834-3683

E-mail: accreditation@astm.org

BSR/ASTM WK57211-201x, New Specification for Safety Program Requirements for Ice Rinks (new standard)

Stakeholders: Sports Facilities industry.

Project Need: Establishes the minimum elements of a program for protecting the safety and health of employees involved in ice rink activities.

<https://www.astm.org/DATABASE.CART/WORKITEMS/WK57211.htm>

BSR/ASTM WK57214-201x, Reinstatement of F2336-05, Standard Guide for Roller Hockey Playing Facilities (Withdrawn 2014) (new standard)

Stakeholders: Sports Facilities industry.

Project Need: This standard is being reinstated since it is understood to still be used in the industry.

<https://www.astm.org/DATABASE.CART/WORKITEMS/WK57214.htm>

BSR/ASTM WK57215-201x, Reinstatement of F2442-07, Standard Guide for Layout of Ice Arena (Withdrawn 2016) (new standard)

Stakeholders: Sports Facilities industry.

Project Need: This standard is being proposed for reinstatement since it is understood to still be used in the industry.

<https://www.astm.org/DATABASE.CART/WORKITEMS/WK57215.htm>

BSR/ASTM WK57370-201x, New Test Method for Seam Height Measurement Procedure for Balls (new standard)

Stakeholders: Baseball and Softball Equipment industry.

Project Need: This procedure is intended to standardize a method of measuring the seam height of baseballs and softballs.

<https://www.astm.org/DATABASE.CART/WORKITEMS/WK57370.htm>

FM (FM Approvals)

Office: 1151 Boston-Providence Turnpike
Norwood, MA 02062

Contact: Josephine Mahnken

Fax: (781) 762-9375

E-mail: josephine.mahnken@fmapprovals.com

BSR/FM 4996-201x, Classification of Pallets and Other Material Handling Products as Equivalent to Wood Pallets (revision of ANSI/FM 4996-2013)

Stakeholders: Intended for plastic pallet and resin manufacturers, distributors, and others who are involved with applications where plastic pallets may be used or stored.

Project Need: This standard will provide a means for testing plastic pallets using a full-scale sprinklered fire test to simulate a real-life fire condition.

This revision will remove totes from the scope of the standard.

IAPMO (Z) (International Association of Plumbing & Mechanical Officials)

Office: 5001 E. Philadelphia Street
Ontario, CA 91761-2816

Contact: Charles Gross

Fax: (909) 472-4178

E-mail: charles.gross@iapmo.org

* BSR/CSA B45.11/IAPMO Z401-201x, Glass plumbing fixtures (revision of ANSI/CSA B45.11/IAPMO Z401-2011)

Stakeholders: Manufacturers, users, and general interest.

Project Need: CSA B45.11/IAPMO Z401 to undergo technical updates.

This Standard covers lavatories and sinks made of glass and specifies test methods, performance requirements, and marking requirements.

ISEA (International Safety Equipment Association)

Office: 1901 North Moore Street
Suite 808
Arlington, VA 22209

Contact: Cristine Fargo

Fax: (703) 525-1698

E-mail: cfargo@safetysafetyequipment.org

BSR/ISEA 105-201x, Hand Protection Classification (revision of ANSI/ISEA 105-2016)

Stakeholders: Hand protection manufacturers and material suppliers; test labs; user groups including those in utilities, general and specialty manufacturing and processing; and construction.

Project Need: Provide update content to reflect current technology, test methods, and other considerations related to the manufacture, selection, and use of occupational hand-protection products.

This standard addresses the classification and testing of hand protection for specific mechanical, chemical, and heat and flame performance properties.

BSR/ISEA 107-201x, High-Visibility Safety Apparel and Accessories (revision of ANSI/ISEA 107-2015)

Stakeholders: High-visibility material and end-product suppliers; test labs, end-product wearers including, but not limited to, those in the construction, utility, transportation, and mining segments.

Project Need: Provide updated document to reflect current test methods, material technology, and other considerations related to the manufacture and use of occupational high-visibility safety apparel.

This standard specifies performance requirements and type-class designations for high-visibility safety apparel intended to provide conspicuity to the wearer in hazardous situations under various lighting conditions. Requirements are included for color, retroreflectivity, design, and labeling.

TNI (The NELAC Institute)

Office: PO Box 2439
Weatherford, TX 76086

Contact: Ken Jackson

Fax: (817) 598-1177

E-mail: ken.jackson@nelac-institute.org

BSR/TNI EL-V1, Module 7-201x, General Requirements for Accreditation Bodies Accrediting Environmental Laboratories; Quality Systems for Toxicity Testing (revision of ANSI/TNI EL-V1-2016)

Stakeholders: Governmental and non-governmental accreditation bodies, environmental laboratories.

Project Need: A recent (2016) modification of this volume did not include Module 7, which is now considered out-of-date.

This Standard applies to laboratories measuring the toxicity and/or bioaccumulation of contaminants in effluents (whole effluent toxicity or WET), receiving waters, sediments, elutriates, leachates, and soils. The essential quality control procedures applicable to toxicity measurements are included in this Standard.

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, IL 60062-2096

Contact: Susan Malohn

Fax: (847) 407-1725

E-mail: Susan.P.Malohn@ul.com

BSR/UL 61724-2-201x, Standard for Photovoltaic system performance - Part 2: Capacity evaluation method (national adoption with modifications of IEC TS 61724-2)

Stakeholders: Photovoltaic Industry, producers, installers, and certification bodies.

Project Need: Adoption of an International procedure for measuring and analyzing the power production of a specific photovoltaic system with the goal of evaluating the quality of the PV system performance.

This part of IEC 61724 defines a procedure for measuring and analyzing the power production of a specific photovoltaic system with the goal of evaluating the quality of the PV system performance. The intent of this document is to specify a framework procedure for comparing the measured power produced against the expected power from a PV system on relatively sunny days.

BSR/UL 61724-3-201x, Standard for Photovoltaic system performance - Part 3: Energy evaluation method (national adoption with modifications of IEC TS 61724-3)

Stakeholders: Photovoltaic Industry, producers, installers, and certification bodies.

Project Need: Adoption of an International procedure for measuring and analyzing the energy production of a specific photovoltaic system relative to expected electrical energy production for the same system from actual weather conditions as defined by the stakeholders of the test.

This part of IEC 61724 defines a procedure for measuring and analyzing the energy production of a specific photovoltaic system relative to expected electrical energy production for the same system from actual weather conditions as defined by the stakeholders of the test. The procedure evaluates the quality of the PV system performance, reflecting both the quality of the initial installation and the quality of the ongoing maintenance and operation of the plant, with the assumption and expectation that the model used to predict performance accurately describes the system performance.

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.

<p>AAFS American Academy of Forensic Sciences 4200 Wisconsin Ave, NW Suite 106 -310 Washington, DC 20016 Phone: (719) 453-1036 Web: www.aafs.org</p>	<p>ASABE American Society of Agricultural and Biological Engineers 2950 Niles Road St Joseph, MI 49085 Phone: (269) 932-7015 Fax: (269) 429-3852 Web: www.asabe.org</p>	<p>ATIS Alliance for Telecommunications Industry Solutions 1200 G Street NW Suite 500 Washington, DC 20005 Phone: (202) 434-8840 Web: www.atis.org</p>	<p>IAPMO (Z) International Association of Plumbing & Mechanical Officials 5001 E. Philadelphia Street Ontario, CA 91761-2816 Phone: (909) 472-4136 Fax: (909) 472-4178 Web: www.iapmort.org</p>
<p>AAMI Association for the Advancement of Medical Instrumentation (AAMI) 4301 N. Fairfax Dr., Ste 301 Suite 301 Arlington, VA 22203-1633 Phone: (703) 253-8263 Fax: (703) 276-0793 Web: www.aami.org</p>	<p>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</p>	<p>AWS American Welding Society 8669 NW 36th Street, Suite 130 Miami, FL 33166 Phone: (305) 443-9353 Fax: (305) 443-5951 Web: www.aws.org</p>	<p>IEEE (ASC C63) Institute of Electrical and Electronics Engineers 445 Hoes Lane, PO Box 1331 Piscataway, NJ 08855-1331 Phone: 732-562-3817 Web: www.ieee.org</p>
<p>AARST American Association of Radon Scientists and Technologists P.O. Box 2109 Fletcher, NC 28732 Phone: (202) 830-1110 Fax: (913) 780-2090 Web: www.aarst.org</p>	<p>ASC X9 Accredited Standards Committee X9, Incorporated 275 West Street Suite 107 Annapolis, MD 21401 Phone: (410) 267-7707 Web: www.x9.org</p>	<p>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</p>	<p>IESNA Illuminating Engineering Society of North America 120 Wall St. 17th Floor New York, NY 10005 Phone: (212) 248-5000 Web: www.iesna.org</p>
<p>ADA (Organization) American Dental Association 211 E. Chicago Ave Chicago, IL 60611 Phone: (312) 440-2533 Fax: (312) 440-2529 Web: www.ada.org</p>	<p>ASHRAE American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. 1791 Tullie Circle, NE Atlanta, GA 30329 Phone: (404) 636-8400 Fax: (404) 321-5478 Web: www.ashrae.org</p>	<p>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</p>	<p>ISEA International Safety Equipment Association 1901 North Moore Street Suite 808 Arlington, VA 22209 Phone: (703) 525-1695 Fax: (703) 525-1698 Web: www.safetyequipment.org</p>
<p>AIIM Association for Information and Image Management 1100 Wayne Avenue Suite 1100 Silver Spring, MD 20910 Phone: (301) 755-2682 Fax: (240) 494-2682 Web: www.aiim.org</p>	<p>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</p>	<p>FM FM Approvals 1151 Boston-Providence Turnpike Norwood, MA 02062 Phone: (781) 255-4813 Fax: (781) 762-9375 Web: www.fmglobal.com</p>	<p>NECA National Electrical Contractors Association 3 Bethesda Metro Center Suite 1100 Bethesda, MD 20814 Phone: (301) 215-4549 Fax: (301) 215-4500 Web: www.neca-neis.org</p>
<p>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</p>	<p>ASPE American Society of Plumbing Engineers 6400 Shafer Court Suite 350 Rosemont, IL 60018 Phone: (847) 296-0002 Fax: (847) 296-2963 Web: www.aspe.org</p>	<p>HL7 Health Level Seven 3300 Washtenaw Avenue Suite 227 Ann Arbor, MI 48104 Phone: (734) 677-7777 Fax: (734) 677-6622 Web: www.hl7.org</p>	<p>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</p>
<p>ASA (ASC S1) Acoustical Society of America 1305 Walt Whitman Road Suite 300 Melville, NY 11747 Phone: (631) 390-0215 Fax: (631) 923-2875 Web: www.acousticalsociety.org</p>	<p>ASTM ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428-2959 Phone: (610) 832-9744 Fax: (610) 834-3683 Web: www.astm.org</p>	<p>HPS (ASC N13) Health Physics Society 1313 Dolley Madison Blvd Suite 402 McLean, VA 22101 Phone: (703) 790-1745 ext 213 Fax: (703) 790-2672 Web: www.hps.org</p>	<p>NSF NSF International 789 N. Dixboro Road Ann Arbor, MI 48105-9723 Phone: (734) 769-5197 Web: www.nsf.org</p>

SCTE

Society of Cable Telecommunications
Engineers

140 Philips Rd
Exton, PA 19341
Phone: (800) 542-5040
Fax: (800) 542-5040
Web: www.scte.org

TNI

The NELAC Institute

PO Box 2439
Weatherford, TX 76086
Phone: (518) 899-9697
Fax: (817) 598-1177
Web: www.NELAC-Institute.org

UL

Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-1725
Fax: (847) 407-1725
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 Tony Zertuche, General Secretary, USNC/IEC, at ANSI's New York offices (tzertuche@ansi.org). The final date for offering comments is listed after each draft.

Ordering Instructions

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

ISO Standards

ACOUSTICS (TC 43)

ISO 11200/DAMd1, Acoustics - Noise emitted by machinery and equipment - Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and at other specified positions - Amendment 1 - 2/12/2017, \$29.00

ISO/DIS 17208-2, Underwater acoustics - Quantities and procedures for description and measurement of underwater noise from ships - Part 2: Determination of source level from deep water measurements - 4/13/2017, \$88.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 23038, Space systems - Space solar cells - Electron and proton irradiation test methods - 2/11/2017, \$53.00

ISO/DIS 8625-1, Aerospace - Fluid systems - Vocabulary - Part 1: General terms and definitions related to pressure - 4/9/2017, \$53.00

CONTROL AND SAFETY DEVICES FOR NON INDUSTRIAL GAS-FIRED APPLIANCES AND SYSTEMS (TC 161)

ISO/DIS 23550, Safety and control devices for gas and/or oil burners and appliances - General requirements - 4/12/2017, \$134.00

DENTISTRY (TC 106)

ISO/DIS 28158, Dentistry - Integrated dental floss and handles - 4/14/2017, \$58.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO/DIS 14978, Geometrical Product Specifications (GPS) - General concepts and requirements for GPS measuring equipment - 4/13/2017, \$112.00

DOCUMENT IMAGING APPLICATIONS (TC 171)

ISO/DIS 24517-2, Document management - Engineering document format using PDF - Part 2: Use of 32000-2 including support for long-term preservation (PDF/E-2) - 4/13/2017, \$88.00

FURNITURE (TC 136)

ISO/DIS 19833, Furniture - Beds - Test methods for the determination of strength and durability - 4/9/2017, \$88.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO 19115-1/DAMd1, Geographic information - Metadata - Part 1: Fundamentals - Amendment 1 - 4/14/2017, \$40.00

ISO/DIS 19101-2, Geographic information - Reference model - Part 2: Imagery - 4/12/2017, \$155.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 18095, Condition monitoring and diagnostics of power transformers - 4/14/2017, \$125.00

MEDICAL DEVICES FOR INJECTIONS (TC 84)

ISO/DIS 20698, Catheter systems for neuraxial application - Sterile and single-use catheters and accessories - 4/12/2017, \$77.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 16793, Nuclear fuel technology - Guide for ceramographic preparation of UO₂ sintered pellets for microstructure examination - 2/12/2017, \$53.00

ISO/DIS 18075, Steady-State neutronics methods for power-reactor analysis - 4/6/2017, \$82.00

ISO/DIS 18077, Reload startup physics tests for pressurized water reactors - 4/6/2017, \$107.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 11981, Ophthalmic optics - Contact lenses and contact lens care products - Determination of physical compatibility of contact lens care products with contact lenses - 2/12/2017, \$46.00

ISO/DIS 17123-5, Optics and optical instruments - Field procedures for testing geodetic and surveying instruments - Part 5: Total stations - 4/14/2017, \$98.00

PAPER, BOARD AND PULPS (TC 6)

ISO/DIS 20494, Paper - Requirements for stability for general graphic applications - 2/12/2017, \$67.00

PLASTICS (TC 61)

ISO/DIS 21844, Cellular plastic - Cellulose foam thermal insulation - Material specification - 4/13/2017, \$46.00

ROAD VEHICLES (TC 22)

ISO/DIS 12098, Road vehicles - Connectors for the electrical connection of towing and towed vehicles - 15-pole connector for vehicles with 24 V nominal supply voltage - 4/7/2017, \$58.00

ISO/DIS 25981, Road vehicles - Connectors for the electrical connection of towing and towed vehicles - Connectors for electronically monitored charging systems with 12 V or 24 V nominal supply voltage - 4/7/2017, \$58.00

ISO/DIS 12619-7, Road vehicles - Compressed gaseous hydrogen (CGH₂) and hydrogen/natural gas blends fuel system components - Part 7: Gas injector - 2/8/2017, \$40.00

ISO/DIS 19453-1, Road vehicles - Environmental conditions and testing for electrical and electronic equipment for drive system of electric propulsion vehicles - Part 1: General - 4/7/2017, \$58.00

ISO/DIS 19453-3, Road vehicles - Environmental conditions and testing for electrical and electronic equipment for drive system of electric propulsion vehicles - Part 3: Mechanical loads - 4/7/2017, \$112.00

ISO/DIS 19453-4, Road vehicles - Environmental conditions and testing for electrical and electronic equipment for drive system of electric propulsion vehicles - Part 4: Climatic loads - 4/7/2017, \$107.00

ISO/DIS 19453-5, Road vehicles - Environmental conditions and testing for electrical and electronic equipment for drive system of electric propulsion vehicles - Part 5: Chemical loads - 4/7/2017, \$46.00

ROLLING BEARINGS (TC 4)

ISO/DIS 5593, Rolling bearings - Vocabulary - 2/8/2017, \$165.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 1853, Conducting and dissipative rubbers - Vulcanized or thermoplastic - Measurement of resistivity - 4/12/2017, \$62.00

ISO/DIS 2004, Natural rubber latex concentrate - Centrifuged or creamed, ammonia-preserved types - Specifications - 2/12/2017, \$33.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 17339, Ships and marine technology - Life saving and fire protection - Sea anchors for survival craft and rescue boats - 2/9/2017, \$33.00

SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)

ISO/DIS 18747-1, Determination of particle density by sedimentation methods - Part 1: Isopycnic interpolation approach - 2/8/2017, \$82.00

SOLID BIOFUELS (TC 238)

ISO/DIS 20023, Solid biofuels - Safety of solid biofuel pellets - Safe handling and storage of wood pellets in residential and other small-scale applications - 2/12/2017, \$112.00

SPRINGS (TC 227)

ISO/DIS 19690-2, Disc springs - Part 2: Technical specifications - 2/12/2017, \$93.00

TEXTILES (TC 38)

ISO/DIS 12138, Textiles - Domestic laundering procedures for textile fabrics prior to flammability testing - 2/12/2017, \$53.00

WATER QUALITY (TC 147)

ISO/DIS 13169, Water quality - Uranium - Test method using alpha liquid scintillation counting - 4/12/2017, \$67.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 13916, Welding - Guidance on the measurement of preheating temperature, interpass temperature and preheat maintenance temperature - 2/10/2017, \$40.00

ISO/DIS 18592, Resistance welding - Destructive testing of welds - Method for the fatigue testing of multi-spot-welded specimens - 4/13/2017, \$107.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 29115/DAmD1, Information technology - Security techniques - Entity authentication assurance framework - Amendment 1 - 2/12/2017, \$29.00

ISO/IEC 11770-3/DAmD1, Information technology - Security techniques - Key management - Part 3: Mechanisms using asymmetric techniques - Amendment 1: Blinded Diffie-Hellman key agreement - 2/12/2017, \$46.00

ISO/IEC DIS 10192-3, Information technology - Home electronic system (HES) interfaces - Part 3: Modular communications interface for energy management - 2/10/2017, \$155.00

QUALITY MANAGEMENT AND CORRESPONDING GENERAL ASPECTS FOR MEDICAL DEVICES (TC 210)

ISO/IEC DGuide 63, Guide to the development and inclusion of aspects of safety in international standards for medical devices - 5/3/2017, \$68.00

IEC Standards

3C/2223/CDV, IEC 60417-C00-472 ED1: Two graphical symbols for coin cell and button cell, 2017/4/14

9/2248/Q, Questionnaire to review IEC TS 61287-2 Railway applications - Power converters installed on board rolling stock - Part 2: Additional technical information, 2017/4/14

13/1730/FDIS, IEC 62056-8-6 ED1: Electricity Metering Data Exchange - The DLMS/COSEM Suite - Part 8-X: DMT PLC profile for neighbourhood networks, 017/3/3/

14/891/CD, IEC TS 60076-23 ED1: Suppression devices of DC magnetic bias of electric power transformers, 2017/4/14

15/791/CDV, IEC 60370/Ed2: Test procedure for thermal endurance of insulating resins and varnishes for impregnation purposes - Electric breakdown methods, 2017/4/14

23E/1007/CD, IEC 60898-3 ED1: Circuit-breakers for overcurrent protection for household and similar installations - Part 3: Circuit-breakers for d.c. operation, 2017/4/14

23E/1006/DTS, IEC TS 63053 ED1: General requirements for residual current operated protective devices for D.C. system, 2017/4/14

26/612/CDV, IEC 60974-9 Ed.2: Arc welding equipment - Part 9: Installation and use, 2017/4/14

31/1304/NP, PNW 31-1304: Future IEC 60079-XX: Explosive atmospheres - Part XX - Personal Competence, 2017/4/14

32A/323/CD, IEC 60282-1 ED8: High-voltage fuses - Part 1: Current-limiting fuses, 2017/4/14

- 32C/534/CD, IEC 60691/AMD1 ED4: Thermal-links - Requirements and application guide, 2017/4/14
- 32C/532/CDV, IEC 60127-8/Ed1: Miniature fuses - Part 8: Fuse resistors with particular overcurrent protection, 2017/4/14
- 34/377/NP, PNW 34-377: Measurement and evaluation of the inrush current of lighting products, 2017/4/14
- 34C/1304/NP, PNW 34C-1304: Lighting control interface for dimming - Analogue voltage dimming interface for electronic lamp controlgear, 2017/4/14
- 44/784/CD, IEC 62998-721 ED1: Safety of machinery - Electro-sensitive protective equipment - Safety-related sensors used for protection of person, 2017/3/17
- 44/780/CDV, IEC 62046: Safety of machinery - Application of protective equipment to detect the presence of persons, 2017/4/14
- 46/638/CD, IEC 61935-1 ED5: Specification for the Testing of Balanced and Coaxial Information Technology Cabling - Part 1: Installed balanced cabling as specified in ISO/IEC 11801-1 and related standards, 2017/4/14
- 46/637/CD, IEC 61935-1-1 ED1: Testing of Balanced Communication Cabling in Accordance with ISO/IEC 11801 and Coaxial Information Technology Cabling - Part 1-1: Additional requirements for the measurement of Transverse Conversion Loss and Equal Level Transverse Conversion Transfer Loss, 2017/4/14
- 46F/365/NP, PNW 46F-365: Radio-frequency connectors - Part XX: Sectional specification for RF coaxial connectors with 9.5mm inner diameter of outer conductor with quick lock coupling - series Q4.1 -9.5, 2017/4/14
- 46F/364/NP, PNW 46F-364: Radio-frequency connectors - Part 1-2: Electrical test methods- insertion loss, 2017/4/14
- 46F/363/NP, PNW 46F-363: Radio-frequency connectors - Part 1-4: Electrical test methods- voltage standing wave ratio, return loss and reflection coefficient, 2017/4/14
- 46F/366/NP, PNW 46F-366: Standard test radio-frequency connectors - Part 1: Generic specification - General requirements and test methods, 2017/4/14
- 46F/367/NP, PNW 46F-367: Multi-radio frequency channel connectors - Part 1: Generic specification - General requirements and measuring methods, 2017/4/14
- 46F/368/NP, PNW 46F-368: Multi radio frequency channel connector - Part 2: Sectional specification for MQ4 series circular connector, 2017/4/14
- 47/2363/FDIS, IEC 62830-3 ED1: Semiconductor devices - Semiconductor devices for energy harvesting and generation - Part 3: Vibration based electromagnetic energy harvesting, 017/3/3/
- 48B/2541/CDV, IEC 61076-2-111 ED1: Connectors for electronic equipment - Product requirements - Part 2-111: Circular connectors - Detail specification for power connectors with M12 screw-locking, 2017/4/14
- 51/1166/DTR, IEC TR 63090 ED1: Dimensional tolerances of ferrite cores, 2017/3/17
- 56/1726/CD, IEC 60300-3-4 ED3: Dependability management - Part 3-4: Application guide - Guide to the specification of dependability requirements, 2017/4/14
- 56/1723/CD, IEC 61163-2 ED2: Reliability stress screening - Part 2: Components, 2017/4/14
- 57/1791/CDV, IEC 61968-11 Ed.3: Application integration at electric utilities - System interfaces for distribution management - Part 11: Common information model (CIM) extensions for distribution, 2017/4/14
- 59A/212/FDIS, IEC 60704-2-3 ED3: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-3: Particular requirements for dishwashers, 017/3/3/
- 61/5314/CDV, IEC 60335-2-52/AMD2 ED3: Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for oral hygiene appliances, 2017/4/14
- 61/5316/CDV, IEC 60335-2-78/AMD2 ED3: Household and similar electrical appliances - Safety - Part 2-78: Particular requirements for outdoor barbecues, 2017/4/14
- 61/5315/CDV, IEC 60335-2-60 ED4: Household and similar electrical appliances - Safety - Part 2-60: Particular requirements for whirlpool baths and whirlpool spas, 2017/4/14
- 61/5317/CDV, IEC 60335-2-85/AMD2 ED2: Household and similar electrical appliances - Safety - Part 2-85: Particular requirements for fabric steamers, 2017/4/14
- 62C/677/CD, IEC 60601-2-1 ED4: Medical electrical equipment - Part 2-1: Particular requirements for the basic safety and essential performance of electron accelerators in the range 1 MeV to 50 MeV, 2017/4/14
- 64/2161/CD, IEC 60364-5-57 ED1: Low-voltage electrical installations - Part 5: Selection and erection of electrical equipment - Clause 57: Stationary secondary batteries, 2017/4/14
- 64/2162/FDIS, IEC 60364-7-708 ED3: Low-voltage electrical installations - Part 7-708: Requirements for special installations or locations - Caravan parks, camping parks and similar locations, 017/3/3/
- 65C/860/NP, PNW 65C-860: Industrial communication networks - Wireless communication networks - Part 4: Coexistence management with central coordination of wireless applications, 2017/4/14
- 65E/522/NP, PNW 65E-522: Enterprise/Control System Integration - Messaging Service Model, 2017/4/14
- 80/837/FDIS, IEC 62287-1 ED3: Maritime navigation and radiocommunication equipment and systems - Class B shipborne equipment of the automatic identification system (AIS) - Part 1: Carrier-sense time division multiple access (CSTDMA) techniques, 017/3/3/
- 80/829/CDV, IEC 61097-12/AMD1 ED1: Global maritime distress and safety system (GMDSS) - Part 12: Survival craft portable two-way VHF radiotelephone apparatus - Operational and performance requirements, methods of testing and required test results, 2017/4/14
- 82/1239/CD, IEC 62109-3 ED1: Safety of power converters for use in photovoltaic power systems - Part 3: Particular requirements for electronic devices in combination with photovoltaic elements, 2017/4/14
- 82/1238/CD, IEC TS 62804-2 ED1: Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation - Part 2: Thin-film, 2017/4/14
- 86/512/CD, IEC 62496-4-1 ED1: Optical circuit boards - Interface standards - Part 4-1: Terminated waveguide OCB assembly using PMT connectors, 2017/4/14
- 86/511/CD, IEC 61315 ED3: Calibration of fibre-optic power meters, 2017/5/12
- 86/509/CDV, IEC 62496-2 ED1: Optical circuit boards - Basic test and measurement procedures - Part 2: General guidance for definition of measurement conditions for optical characteristics of optical circuit boards, 2017/4/14
- 86B/4062/NP, PNW 86B-4062: IEC 61755-3-12 Fibre Optic Interconnecting Devices and Passive Components - Connector Optical Interfaces - Part 3-12: Connector parameters for connections of non-dispersion shifted single mode physically contacting fibres - Non-angled cylindrical full zirconia ferrules, centered fiber core eccentricity, 2017/2/17

- 86B/4061/NP, PNW 86B-4061: IEC 61755-3-11 Fibre Optic Interconnecting Devices and Passive Components - Connector Optical Interfaces - Part 3-11: Connector parameters for connections of non-dispersion shifted single mode physically contacting fibres - Non-angled cylindrical full zirconia ferrules, centered fiber core eccentricity, 2017/2/17
- 95/362/CD, IEC 60255-181 ED1: Measuring relays and protection equipment - Part 181: Functional requirements for frequency protection, 2017/3/17
- 100/2839/CDV, IEC 63005-1 Ed1: Event Video Data Recorder for Road Vehicle Accidents - Part 1: Basic requirements, 2017/4/14
- 100/2853/NP, PNW 4-2853: Digital audio interface - Part 5: Consumer application enhancement (TA 4), 2017/4/14
- 101/525/CDV, Electrostatics - Part 4-4: Standard test methods for specific applications - Electrostatic classification of flexible intermediate bulk containers (FIBC), 2017/4/14
- 110/837/NP, PNW TS 110-837: Future IEC/TS 62341-6-5 Ed.1: Organic light emitting diode (OLED) displays - Measuring methods of dynamic range properties, 2017/4/14
- 110/838/NP, PNW TS 110-838: Future IEC/TS 62715-5-4 Ed.1: Flexible display devices - Measuring method of blurriness in flexible transparent displays, 2017/4/14
- 110/836/DTR, IEC TR 62679-5-1 ED1: Electronic paper displays - Part 5-1: Legibility of EPD in spatial frequency, 2017/3/17
- 111/451/CDV, IEC 62474 ED2: Material declaration for products of and for the electrotechnical industry, 2017/4/14
- 116/310/CDV, IEC 62841-2-11/AMD1 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-11: Particular requirements for hand-held reciprocating saws, 2017/4/14
- 119/140/CD, IEC 62899-203 ED1: Printed Electronics - Part 203: Materials - Semiconductor ink, 2017/4/14
- 120/96/CDV, IEC 62933-1 ED1: Electrical Energy Storage (EES) systems - Part 1: Terminology, 2017/4/14
- 121A/134/CD, IEC 60947-3 ED4: Low-voltage switchgear and controlgear - Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units, 2017/4/14
- CIS/B/672/DC, CISPR 11: Proposal to amend the requirements for in situ measurements, 2017/4/14



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

NUCLEAR ENERGY (TC 85)

[ISO 16639:2017](#), Surveillance of the activity concentrations of airborne radioactive substances in the workplace of nuclear facilities, \$162.00

ROAD VEHICLES (TC 22)

[ISO/PAS 19363:2017](#), Electrically propelled road vehicles - Magnetic field wireless power transfer - Safety and interoperability requirements, \$209.00

TRADITIONAL CHINESE MEDICINE (TC 249)

[ISO 20408:2017](#), Traditional Chinese medicine - Panax notoginseng seeds and seedlings, \$68.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 19752:2017](#), Information technology - Office equipment - Method for the determination of toner cartridge yield for monochromatic electrophotographic printers and multi-function devices that contain printer components, \$138.00

[ISO/IEC 19798:2017](#), Information technology - Office equipment - Method for the determination of toner cartridge yield for colour printers and multi-function devices that contain printer components, \$138.00

IEC Standards

DEPENDABILITY (TC 56)

[IEC 62550 Ed. 1.0 b:2017](#), Spare parts provisioning, \$317.00

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

[IEC 62946-02 Ed. 1.0 en:2017](#), Connectors for electronic equipment - Part 02: Detail specification for 8-way, unshielded, free and fixed high density connectors for data transmission up to 250 MHz and with current carrying capacity up to 1 A, \$199.00

MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS (TC 80)

[IEC 61996-2 Ed. 2.0 b:2007](#), Maritime navigation and radiocommunication equipment and systems - Shipborne voyage data recorder (VDR) - Part 2: Simplified voyage data recorder (S-VDR) - Performance requirements, methods of testing and required test results, \$317.00

OTHER

[CISPR 16-1-4 Ed. 3.2 b:2017](#), Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements, \$938.00

[CISPR 16-1-4 Amd.2 Ed. 3.0 b:2017](#), Amendment 2 - Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements, \$23.00

SAFETY OF ELECTRONIC EQUIPMENT WITHIN THE FIELD OF AUDIO/VIDEO, INFORMATION TECHNOLOGY AND COMMUNICATION TECHNOLOGY (TC 108)

[IEC 62949 Ed. 1.0 b:2017](#), Particular safety requirements for equipment to be connected to information and communication technology networks, \$164.00

SECONDARY CELLS AND BATTERIES (TC 21)

[IEC 60623 Ed. 5.0 b:2017](#), Secondary cells and batteries containing alkaline or other non-acid electrolytes - Vented nickel-cadmium prismatic rechargeable single cells, \$164.00

[S+ IEC 60623 Ed. 5.0 en:2017 \(Redline version\)](#), Secondary cells and batteries containing alkaline or other non-acid electrolytes - Vented nickel-cadmium prismatic rechargeable single cells, \$213.00

SEMICONDUCTOR DEVICES (TC 47)

[IEC 62435-1 Ed. 1.0 b:2017](#), Electronic components - Long-term storage of electronic semiconductor devices - Part 1: General, \$235.00

[IEC 62435-5 Ed. 1.0 b:2017](#), Electronic components - Long-term storage of electronic semiconductor devices - Part 5: Die and wafer devices, \$164.00

[IEC 62830-2 Ed. 1.0 b:2017](#), Semiconductor devices - Semiconductor devices for energy harvesting and generation - Part 2: Thermo power based thermoelectric energy harvesting, \$82.00

[IEC 62047-27 Ed. 1.0 en:2017](#), Semiconductor devices - Micro-electromechanical devices - Part 27: Bond strength test for glass frit bonded structures using micro-chevron-tests (MCT), \$82.00

[IEC 62047-28 Ed. 1.0 en:2017](#), Semiconductor devices - Micro-electromechanical devices - Part 28: Performance testing method of vibration-driven MEMS electret energy harvesting devices, \$117.00

WINDING WIRES (TC 55)

[IEC 60317-68 Ed. 1.0 en:2017](#), Specifications for particular types of winding wires - Part 68: Polyvinyl acetal enamelled rectangular aluminium wire, class 120, \$47.00

[IEC 60317-69 Ed. 1.0 en:2017](#), Specifications for particular types of winding wires - Part 69: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular aluminium wire, class 220, \$47.00

IEC Technical Reports

ELECTROMAGNETIC COMPATIBILITY (TC 77)

[IEC/TR 61000-2-5 Ed. 3.0 en:2017](#), Electromagnetic compatibility (EMC) - Part 2-5: Environment - Description and classification of electromagnetic environments, \$387.00

INSTRUMENT TRANSFORMERS (TC 38)

[IEC/TR 61869-100 Ed. 1.0 en:2017](#), Instrument transformers - Part 100: Guidance for application of current transformers in power system protection, \$387.00

ISO Technical Specifications

ELECTROMAGNETIC COMPATIBILITY (TC 77)

[S+ IEC/TR 61000-2-5 Ed. 3.0 en:2017 \(Redline version\)](#), Electromagnetic compatibility (EMC) - Part 2-5: Environment - Description and classification of electromagnetic environments, \$503.00

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

Call for Members

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

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

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

Membership in the INCITS Executive Board is open to all directly and materially affected parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, contact Jennifer Garner at jgarner@itic.org or visit <http://www.incits.org/participation/membership-info> for more information.

Membership in all interest categories is always welcome; however, the INCITS Executive Board seeks to broaden its membership base in the following categories:

- Service Providers
- Users
- Standards Development Organizations and Consortia
- Academic Institutions

Society of Cable Telecommunications

ANSI Accredited Standards Developer

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.

SCTE is currently seeking to broaden the membership base of its 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.

ANSI Accredited Standards Developers

Approval of Reaccreditation

Underwriters Laboratories (UL)

The reaccreditation of Underwriters Laboratories (UL), an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under its recently revised operating procedures for documenting consensus on UL-sponsored American National Standards, effective January 20, 2017. For additional information, please contact: Ms. Deborah Prince, Standards Program Manager, Underwriters Laboratories, 12 Laboratory Drive, Research Triangle Park, NC 27709-3995; phone: 919.549.1460; e-mail: Deborah.prince@ul.com.

International Organization for Standardization

ISO New Work Item Proposal

Guidelines on Integrating a Business Excellence Framework with ISO management system standards

Comment Deadline: March 3, 2017

SCC, the ISO member body for Canada, has submitted to ISO a new work item proposal for the development of an ISO standard on Guidelines on Integrating a Business Excellence Framework with ISO management system standards, with the following scope statement:

Organizations implementing single or multiple management systems and simultaneously the Business Excellence framework are faced with the major challenge of lack of alignment. This can be attributed to multiple factors, including but not limited to, organizational design/structure, responsibilities matrix, contextual understanding of the linkages/inter-dependencies, silo mentality and turf protection.

"Guidelines on Integrating a Business Excellence Framework with ISO management system standards" will provide the roadmap on integrating the national/international business excellence frameworks with management system standards, for enhancing organizational efficiency, facilitating effective decision-making, and promoting transparency, innovation and continuous improvement.

Scope will exclude the development of an ISO Business Excellence standard and/or development of ISO Management System standard/s. Instead it will focus on the integration aspects, available best practices, and provision of useful practical tips for better organizational management.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, March 3, 2017.

U.S. Technical Advisory Groups

Approval of Accreditation

U.S. TAG to ISO TC 307 – Blockchain and Electronic Distributed Ledger Technologies

ANSI's Executive Standards Council (ExSC) has formally approved the accreditation of the U.S. Technical Advisory Group to ISO TC 307, Blockchain and Electronic Distributed Ledger Technologies under its proposed unique TAG operating procedures with the InterNational Committee for Information Technology Standards (INCITS) serving as TAG Administrator, effective January 17, 2017. For additional information, please contact: Ms. Jennifer Garner, Director, Standards Programs, ASC INCITS, Information Technology Industry Council, 1101 K Street, NW, Suite 610, Washington, DC 20005; phone: 202.626.5737; e-mail: jgarner@itic.org.

Approval of Reaccreditation

U.S. TAG to ISO TC 4 – Roller Bearings

The reaccreditation of the U.S. TAG to ISO Technical Committee 4, Roller bearings has been approved at the direction of the ANSI Executive Standards Council, under its recently revised operating procedures and with the American Bearing Manufacturers Association (ABMA) continuing as TAG Administrator, effective January 20, 2017. For additional information, please contact: Mr. James Converse, US TAG to ISO/TC 4 Administrator, American Bearing Manufacturers Association, 2025 M Street, NW, Suite 800, Washington, DC 20036; phone: 202.367.1155; e-mail: jconverse1@nc.rr.com.

Meeting Notices

ASC Z87 on Safety Standards for Eye Protection

The Accredited Standards Committee Z87 on Safety Standards for Eye Protection will next meet as noted:

Tuesday, March 7, 2017 - 9:00 AM – 4:30 PM

The Vision Council
1700 Diagonal Road, Suite 500
Alexandria, VA 22134

Meeting space is limited and is available on a first-come, first-serve basis. If you have questions or are interested in attending the Z87 Committee meeting, please contact Cristine Z. Fargo, Director-Member and Technical Services at 703-525-1695 or cfargo@safetyequipment.org.

Green Building Initiative – GBI 01-201x

The 27th meeting of the Green Building Initiative – GBI 01-201x Consensus Body will be held via conference call and webinar:

Thursday, February 2, 2017 from 2:00 PM to 3:00 PM ET.

The purpose for these teleconferences to provide updates regarding the first and second comment periods on the Working Draft of 01-201X document and for questions/comments from the public.

The tentative agenda will be posted on the GBI webpage for the standard at: <http://www.thegbi.org/ansi>. All meetings are open to the public. Any member of the public or Subcommittee participant who would like to attend the meeting should contact the Secretariat, Maria Woodbury, preferably at least 10 days in advance of the meeting to ensure they are included in relevant communications in preparation for the meeting.

To attend, and for additional information, please contact:
Maria Woodbury
Secretariat for Green Building Initiative
207-807-8666 (direct)
Maria@thegbi.org

Information Concerning

Proposed ANSI/ASSE Z16 Standards Committee Recordkeeping, Leading & Lagging Indicators

Comment Deadline: March 5, 2017

The American Society of Safety Engineers is forming a new committee to develop a standard approach to broaden the use of metrics in recording incidents in the workplace. The new Z16 committee will approach the use of metrics from three avenues.

1. Historical lagging indicators of measuring work related injuries and illnesses. It will address clarification of guidelines used by BLS for recordability and formulas used to traditionally track employee injury/illness statistics.
2. Methodologies to utilize leading indicators to measure management effectiveness in reducing risk in the workplace. The use of leading indicators has been promoted in all systems management approaches. This portion of the standard will identify what leading indicators should be used, how to measure their effectiveness and turn such indicators into a statistical data base.
3. Expanding metrics beyond the traditional tracking of employee injuries/illnesses. In this section metrics will be developed that apply to areas such as property loss, general liability, fleet, business interruption and other nontraditional metrics. It will also address using financial terms to speak the language of business in addressing such losses.

While record keeping is a requirement of OSHA, Safety and Health professionals know that more needs to be done to understand injuries and to keep workers safe. The American Society of Safety Engineers wants to make you aware of this initiative to form a new committee to create standards on recordkeeping.

If your organization is interested in becoming part of this significant standards initiative, contact the ASSE Staff for an application.

Please note there is the possibility of committee membership being capped in order to keep the committee to manageable size. If you are interested, submit your application to ASSE by March 5th, 2017. We encourage your organization to consider applying to the committee in the development of recordkeeping, leading and lagging injuries standards, which will help us reach our laudable goal of preventing occupational injuries, illnesses, and fatalities.

Thank you.
C. Gary Lopez CSP
ANSI/ASSE Chair Z16

ASSE Contact:
Lauren Bauerschmidt
Manager, Standards Development
American Society of Safety Engineers (ASSE)
520 N. Northwest Highway
Park Ridge, IL 60068
847-768-3475
LBauerschmidt@asse.org
www.asse.org



**BSR/ASHRAE Addendum bk to
ANSI/ASHRAE Standard 135-2016**

Public Review Draft

Proposed Addendum bk to Standard 135-2016, BACnet[®] - A Data Communication Protocol for Building Automation and Control Networks

**First Public Review (January 2017)
(Draft shows Proposed Changes to Current Standard)**

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

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

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

© 2017 ASHRAE. This draft is covered under ASHRAE copyright. Permission to reproduce or redistribute all or any part of this document must be obtained from the ASHRAE Manager of Standards, 1791 Tullie Circle, NE, Atlanta, GA 30329. Phone: 404-636-8400, Ext. 1125. Fax: 404-321-5478. E-mail: standards.section@ashrae.org.

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

BSR/ASHRAE Addendum *bk* to ANSI/ASHRAE Standard 135-2016, BACnet — *A Data Communication Protocol for Building Automation and Control Networks*
First Public Review

[This foreword and the “rationales” on the following pages are not part of this standard. They are merely informative and do not contain requirements necessary for conformance to the standard.]

FOREWORD

The purpose of this addendum is to present a proposed change for public review. These modifications are the result of change proposals made pursuant to the ASHRAE continuous maintenance procedures and of deliberations within Standing Standard Project Committee 135. The proposed changes are summarized below.

135-2016*bk*-1. Expand the reserved range of BACnetPropertyIdentifier, p. 2

In the following document, language to be added to existing clauses of ANSI/ASHRAE 135-2016 and Addenda is indicated through the use of *italics*, while deletions are indicated by ~~strikethrough~~. Where entirely new subclauses are proposed to be added, plain type is used throughout. Only this new and deleted text is open to comment at this time. All other material in this addendum is provided for context only and is not open for public review comment except as it relates to the proposed changes.

BSR/ASHRAE Addendum *bk* to ANSI/ASHRAE Standard 135-2016, BACnet — *A Data Communication Protocol for Building Automation and Control Networks*
 First Public Review

135-2016*bk*-1. Expand the reserved range of BACnetPropertyIdentifier.

Rationale

The BACnetPropertyIdentifier enumeration will soon overflow the portion of the range reserved for definition by ASHRAE, with the addition of new enumerations for new properties.

[Change Clause **21**, **BACnetPropertyIdentifier**]

BACnetPropertyIdentifier ::= ENUMERATED { -- see below for numerical order

...

}

-- The special property identifiers all, optional, and required are reserved for use in the
 -- ReadPropertyMultiple service or services not defined in this standard.

--

-- Enumerated values 0-511 *and enumerated values 4194304 and up* are reserved for definition by ASHRAE.
 -- Enumerated values 512-4194303 may be used by others subject to the procedures and constraints described
 -- in Clause 23.

[Change **Table 23-1**, p. 875]

Table 23-1. Extensible Enumerations

Enumeration Name	Reserved Range	Maximum Value
...
BACnetPropertyIdentifier	0...511, 4194304...(2 ³² - 1)	4194303 (2 ³² - 1)
...

Tracking #50i127r1 WQTD Shelf Life
© 2017 NSF International

Revision to NSF/ANSI 50-2016
Draft 1, Issue 127 (January 2017)

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by a NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

NSF/ANSI 50-2016 Equipment for Swimming Pools, Spas, Hot Tubs and other Recreational Water Facilities

.
.
.

O.1.1.6 Reproducibility

At each parameter tested, the average result deviation from true value for each unit tested shall be calculated. The difference between the average results deviations from true value shall meet the reproducibility requirements of Annex O, section O.12 based on the level of the WQTD.

BSR/UL 1004-1, Standard for Rotating Electrical Machines - General Requirements

2. Addition of requirements to address separation of circuits

PROPOSAL

17.5 Machines with multiple circuits at different potentials shall have suitable separation between circuits in accordance with 20.21.

20.21 Insulated conductors of circuits having different voltages within a machine, including wires within a terminal box and/or wiring compartment, shall be separated. The separation shall be accomplished by one of the following means:

- a) A physical barrier;
- b) Clamping, routing, or an equivalent means that maintains permanent separation from other circuits; or
- c) Providing all conductors within the same space (such as a wiring cabinet and/or junction box) with insulation suitable for the maximum voltage present.

UL copyrighted material. Not authorized for further reproduction without prior permission from UL.

BSR/UL 2225, Standard for Safety for Cables and Cable-Fittings for Use in Hazardous (Classified) Locations

1. Revisions to Add Low Ambient Requirements for Cable Glands to Sections 23 and 24 per comments received.

PROPOSAL

23.16 For explosionproof cable fittings specified and marked for use at ambient temperatures lower than minus 25°C (minus 13°F) or for flameproof cable fittings specified and marked for use at ambient temperatures lower than minus 20°C (minus 4°F), the Explosion Tests shall be performed at the minimum ambient specified, ±5°C (±9°F). When the ambient specified is such that common materials within the Group are not flammable, a test temperature shall be specified that represents the minimum temperature at which the test gasses shown in Table 23.3 remain gasses.

Exception: For explosionproof cable fittings for use in Group A, B, C or D classified locations, rated less than minus 25°C (minus 13°F) but not less than minus 50°C (minus 58°F) or flameproof cable fittings for use in Groups IIA, IIB or IIC classified locations, rated less than minus 20°C (minus 4°F) but not less than minus 50°C (minus 58°F), shall be permitted to alternatively be subjected to the Hydrostatic Pressure Test in accordance with 24.4 and 24.5.

24.4 For explosionproof cable sealing fittings for use in Groups A, B, C, or D classified locations, rated less than minus 25°C (minus 13°F) but not less than minus 50°C (minus 58°F), that have been determined to comply with the Explosion Tests requirements in Section 23 at 20 ±5°C (68°F), the fittings shall be subjected to the Hydrostatic Pressure Test of Section 24 using the test factor of six times the maximum explosion test pressures (based on room ambient explosion testing) or the values from Table 24.2.

24.5 For flameproof cable sealing fittings for use in Groups IIA, IIB, or IIC classified locations, rated less than minus 20°C (minus 4°F) but not less than minus 50°C (minus 58°F), that have been determined to comply with the Explosion Tests requirements in Section 23 at 20 ±5°C (68°F), the fittings shall be subjected to the Hydrostatic Pressure Test of Section 24 using the test factor of six times the maximum explosion test pressures (based on room ambient explosion testing) or the values from Table 24.2.

UL copyrighted material. All rights reserved. No part of this document may be reproduced without prior permission from UL.

BSR/UL 6703, Standard for Safety for Connectors for Use in Photovoltaic Systems

1. Expansion of UL 6703 Scope to include single-pole devices up to 1500 V dc or less

1.1 This standard covers latching or locking type PV connectors either as a free connector (separate entity) or as a fixed connector (panel or bulkhead type) and rated ~~1000~~ 1500 V ac or dc or less. These connectors are intended for use in wiring methods detailed in Part IV of Article 690 - Solar Photovoltaic Systems of the National Electrical Code, NFPA 70.

Table 6.2

Determination of CTI or IPT

Voltage ^a	Creepage distance	IPT ^b required	CTI ^c required
0 - 30	Any	No	No
> 30 - 600	< 12.7 mm	No	Yes
> 30 - 600	≥ 12.7 mm	No	No
> 600 - 1000	< 16.0 mm	Yes	No
> 600 - 1000	≥ 16.0 mm	No	No
<u>1001 - 1500^d</u>	<u>< 24.0 mm</u>	<u>Yes</u>	<u>No</u>
<u>1001 - 1500^d</u>	<u>≥ 24.0 mm</u>	<u>No</u>	<u>No</u>
^a Voltage is the maximum potential difference between:			
	live parts of different polarity and		
	live parts and dead metal parts that may be grounded in service or exposed to contact.		
^b Rating of 1 h using the time to track method at the higher of the rated voltage or 1000 V when the voltage rating is in the range of 601-1000 V <u>or 1500 V when the voltage rating is in the range of 1001-1500 V.</u>			
^c CTI PLC of 0, 1, or 2.			
^d <u>Single-pole devices only.</u>			

Table 7.1

Minimum acceptable spacings for field wiring terminals other than tool applied crimp type terminals

Potential involved, V	Through air and over surface	
	mm	(in)
0-50	6.4	(1/4)
51-300	9.5	(3/8)
301-600	12.7	(1/2)
601-1000	15.9	(5/8)
<u>>1000 up to 1500^a</u>	<u>24</u>	<u>(15/16)</u>

^a Single-pole devices only.

Table 7.2

**Minimum acceptable spacings for tool applied crimp type field wiring terminals and
Minimum acceptable spacings for locations elsewhere than at wiring terminals**

Potential involved, V	Through air		Over surface	
	mm	(in)	mm	(in)
0-50	1.6	(1/16)	1.6	(1/16)
51-300	3.2	(1/8)	6.4	(1/4)
301-600	6.4	(1/4)	9.5	(3/8)
601-1000	9.5	(3/8)	12.7	(1/2)
>1000 up to 1500 ^a	<u>14</u>	<u>(9/16)</u>	<u>15</u>	<u>(19/32)</u>

^a Single-pole devices only.

Table 9.1

Required tests

Test	Reference (Standard, Section)	Sample Requirements
Water Spray Sequence		
Dielectric Voltage Withstand - as received	UL 1703, 26	3 assemblies, mated
Leakage Current	UL 1703, 21	
Water Spray	UL 1703, 33	
Dielectric Voltage Withstand following Water Spray	UL 1703, 26	
Leakage Current following Water Spray	UL 1703, 21	
Temperature Cycling Sequence		
Dielectric Voltage Withstand - as received	UL 1703, 26	3 assemblies, mated
Leakage Current - as received	UL 1703, 21	
Temperature Cycling	UL 1703, 35	
Dielectric Voltage Withstand following Temperature Cycling	UL 1703, 26	
Leakage Current following Temperature Cycling	UL 1703, 21	
Wet Insulation Resistance following Temperature Cycling	UL 1703, 27	

Humidity Cycling Sequence		
Dielectric Voltage Withstand - as received	UL 1703, 26	3 assemblies, mated
Leakage Current - as received	UL 1703, 21	
Humidity Cycling	UL 1703, 36	
Leakage Current following Humidity Cycling	UL 1703, 21	
Wet Insulation Resistance following Humidity Cycling	UL 1703, 27	
Additional tests to UL 1703		
Wet Insulation Resistance - as received	UL 1703, 27	3 assemblies, mated
Impact ^a	UL 1703, 30	3 assemblies, mated
Low Temperature Impact ^a	UL 1703, 30	3 assemblies, mated
Additional tests to UL 746C		
Crush Resistance	UL 746C, 21	3 assemblies, mated
Mold Stress-Relief Distortion followed by Strain Relief	UL 746C, 29 and UL 1703, 22	6 assemblies, mated
Additional tests to UL 486A-486B		
Current Cycling ^{b,e}	UL 486A-486B, 9.2	4 assemblies, max wire size/amp rating, mated
Static Heating Sequence ^e	UL 486A-486B, 9.3	4 assemblies, max wire size/amp rating, mated
Mechanical Sequence ^e	UL 486A-486B, 9.4	4 assemblies, min wire size not mated
Dielectric Voltage Withstand	UL 486A-486B, 9.5	24 assemblies, max and min
	Test A, 9.5.2	- 6 assemblies and mated as received
	Test A, 9.5.2	- 6 assemblies aged then assembled and mated
	Test A, 9.5.2	- 6 assemblies mated, conditioned, then tested
	Test B, 9.5.3	- 6 assemblies mated ^c
Stress Corrosion (for current-carrying parts containing more than 15% zinc)	UL 486A-486B , 9.12	3 assemblies, max wire size, not mated
Additional tests to UL 486C		
Spring-action clamp sequence ^d	UL 486C, 9.12	6 of each combination of connector and test conductor(s)
- Conditioning		
- Temperature		

- Dielectric withstand		
^a See 9.1.3.		
^b A PV connector that is dependent upon insulation piercing, insulation displacement or spring action shall be subjected to the current cycling test. A PV connector that is a compression type (tool applied crimp) and is rated for copper wire only, need not be subjected to the Current Cycling Test.		
^c With the concurrence of those concerned, the unconditioned specimens used for Test A, insulation puncture, may be used for Test B, flashover.		
^d A PV connector that is dependent upon spring action shall be subjected to the spring action sequence.		
^e Applicable to single pole connectors. For multi-pole connectors, see Table 9.2.		
^f <u>Table 28 in UL 486A-486B covers voltage rating up to 600 V. Above 600 V, the following requirements apply:</u>		
<u>a) For voltage rating of 1 000 V, the test voltage (Vac) for puncture (1 min) is 5 000, and for flashover (maximum) is 11 000.</u>		
<u>b) For voltage rating of 1 500 V, the test voltage (Vac) for puncture (1 min) is 7 000, and for flashover (maximum) is 16 000.</u>		
<u>c) For other voltage ratings between 600 V and 1 500 V, the following formula applies:</u>		
<u>1) Test voltage (Vac) for puncture (1 min) equal to 4 times voltage rating plus 1 000;</u>		
<u>2) Test voltage (Vac) for flashover (maximum) equal to 10 times voltage rating plus 1 000.</u>		
Note 1 - The sample requirements assume only one construction (male and female) and one size and type conductor unless otherwise noted. Additional tests and samples may be required based on construction.		
Note 2 - 1 assembly consists of 1 male and 1 female connector with 0.7 m of intended conductor for each connector.		
Note 3 - If connectors may be assembled in the field, unassembled connectors and 2 sets of all necessary tools are required.		

UL copyrighted material. Not authorized for further reproduction without prior permission from UL.

BSR/UL 1, Standard for Safety for Flexible Metal Conduit

4 Strip Material

4.1 Steel

4.1.1 The strip material used in flexible steel conduit shall be carbon steel, shall have a tensile strength of at least 34,000 lbf/in² (234.5 MPa) and shall be of uniform width and thickness throughout. All surfaces of the strip shall be free from scale and rust before application of the protective zinc coating specified in Section 10 and/or forming in to finished conduit.

4.1.2 Compliance of conduit with the surface-cleanliness requirement in 4.1.1 is to be determined by visual inspection.

10 Zinc Coating

10.1 The zinc coating on steel conduit shall meet all of the following requirements:

- a) A specimen of the zinc-coated strip tested before forming shall not show a bright, adherent deposit of copper on any surface, including edges, after two 60-second immersions in a solution of copper sulphate.
- b) A specimen of partially uncoiled conduit from finished conduit:
 - 1) Shall not show a bright, adherent deposit of copper after one 60-second immersion in a copper sulphate solution, and
 - 2) Shall not show a bright, adherent deposit of copper on more than 25 percent of any surface, including edges, after two 60-second immersions in a copper sulphate solution.

10.1A Alternatively, representative specimens of finished flexible metal conduit, whose material edges have been verified not to be coated with zinc (by manufacturer's declaration or by test per 10.2 - 10.12), shall be subjected to the test program described in Supplement SA- Zinc Coated Conduit with Uncoated Material Edges. Material edges are only considered to be the surfaces that would be measured to determine a material's thickness in accordance with the method described in 5.2 of this standard.

10.1B Specimens of finished flexible metal conduit with surfaces of zinc coated steel conduit and non-zinc coated edges shall meet the surface performance requirements of 10.1 and the requirements of Section 14 in addition to meeting the requirements detailed in Supplement SA.

SUPPLEMENT SA - Zinc Coated Conduit with Uncoated Material Edges

1 Scope

1.1 The requirements in this supplement cover zinc coated conduit whose material edges are not coated with zinc.

1.2 The products covered by the requirements in this supplement are intended for installation in accordance with the manufacturer's instructions and the applicable requirements of the National Fire Protection Association Standard National Electrical Code, ANSI/NFPA 70.

2 Sample Preparation and Performance

2.1 Resistance Test Uncoiled (As-received)

2.1.1 Nine specimens of each trade size at least 4-ft (1.2-m) in length of flexible metal conduit are to be tested in the as-received condition.

2.1.2 Samples are to be connected for Resistance Testing as in Section 15 for a test span of at least 3-1/2-ft (1.1-m) between voltage sense connections, but the conduit is to then be uncoiled for the span between the two voltage sense leads while keeping these sensors attached.

2.1.3 The measurements shall be recorded as resistance in ohms per 100 feet or in ohms per 30.5 meters.

2.2 Air oven conditioning exposure

2.2.1 Nine specimens of each trade size 10-1/2-ft (3.2-m) in length of flexible metal conduit shall be conditioned for 240 h at a temperature of $212 \pm 4^{\circ}\text{F}$ ($100 \pm 2^{\circ}\text{C}$) in an air-circulating oven. These specimens shall be used for the resistance to salt spray (fog) (Clause 2.3).

2.3 Resistance to salt spray (fog)

2.3.1 The conditioned specimens from 2.2.1 shall then be exposed to the salt spray (fog) for 1008

h in accordance with ASTM B 117-16, Standard Practice for Operating Salt Spray (Fog) Apparatus. These specimens shall be used for the resistance test (Clause 2.5).

2.4 Sample Cutting

2.4.1 Each specimen 10-1/2-ft (3.2-m) in length of flexible metal conduit subjected to the Resistance to Salt Spray (Fog) Conditioning, Clause 2.3.1 shall be cut in to 4-ft (1.2-m) and 6.5 ft (1.98-m) long specimens.

2.5 Resistance Test Uncoiled (1344 hour salt spray exposure and comparison)

2.5.1 The 4-ft (1.2-m) samples cut in 2.4 are to be connected for Resistance Testing as in Section 15 for a test span of at least 3-1/2-ft (1.1-m) between voltage sense connections, but the conduit is to then be uncoiled for the span between the two voltage sense leads while keeping these sensors attached.

2.5.2 The measurements shall be recorded as resistance in ohms per 100 feet or in ohms per 30.5 meters.

2.5.3 These resistance values must then be compared to the previous resistance values found in 2.1 in the as-received condition using the following equation to calculate the percentage change in resistance due to salt spray exposure. This value must not exceed 30% to qualify for acceptance.

2.6 Flexibility Test

2.6.1 The 4-ft (1.2-m) lengths subjected to the Resistance Test, Clause 2.5, are then to be subjected to the Flexibility Test, Section 12.

2.6.2 The specimens of finished flexible steel and aluminum conduit shall be bent around a cylindrical (right-circular) surface having a radius as indicated in Table 12.1 without opening at any point.

2.7 Tension Test

2.7.1 The 4-ft (1.2-m) lengths that were subjected to the Flexibility Test, Clause 2.6, are then to be subjected to the Tension Test, Section 11.

2.7.2 Finished flexible steel conduit shall withstand for 1 minute, without opening up at any point, a tension imparted by a weight that exerts 300 lbf (1334 N or 136 kgf) applied to the ends.

2.8 Fault Current Test

2.8.1 The 6.5-ft (1.98-m) lengths exposed to salt spray in 2.3 and cut in 2.4 are then to be subjected to the Fault-Current Test, Section 16.

2.8.2 The conduit does not comply if it melts or otherwise opens the circuit during the 4-second current flow.

2.9 Impact Test

2.9.1 The 6.5-ft (1.98-m) lengths that were subjected to the Fault Current Test, Clause 2.8, are then to be subjected to the Impact Test, Section 13.

2.9.2 Deformation of the conduit shall be less than 50 percent as determined by measuring the overall diameter of the conduit after impact and comparing it to the original value.

UL copyrighted material. Not authorized for further reproduction without prior permission from UL.

BSR/UL 651A, Standard for Safety for *Schedule 40 and 80 High Density Polyethylene (HDPE) Conduit*

9.5.1 No crack or tear longer than 1/32 inch (0.8 mm) shall appear in seven out of ten 6-inch (150-mm) specimens of finished high density PE conduit as the result of the impact described in 9.5.2.

9.5.2 Ten 6-inch (150-mm) specimens with no cracks, tears, or other imperfections are to be cut from finished lengths of each trade size of conduit. The specimens, the test apparatus, and the surrounding air are to be in thermal equilibrium with one another at a temperature of $23.0 \pm 2.0^{\circ}\text{C}$ ($73.4 \pm 3.6^{\circ}\text{F}$) during the test. The specimens are to be tested separately while resting on a solid, flat, steel plate that is at least 1/2 inch (13 mm) thick and is firmly anchored with its upper surface horizontal. A protective cage is to surround the plates and specimen to reduce the risk of injury from pieces of broken conduit in the event that the conduit flies apart. A steel weight of 20 lb (9.7 kg) in the form of a solid right-circular cylinder, with a diameter of 2 inches (51 mm) and a flat impact face having rounded edges, is to fall freely through a vertical guide from the height indicated in Table 9.2. The flat face of the weight is to strike the center of the specimen across the diameter and along the longitudinal axis once (provision is to be made for keeping the weight from striking the specimen more than once).

UL copyrighted material. Not authorized for further reproduction without permission from UL.