ANSI STANDARDS ACTION

PUBLISHED WEEKLY BY THE AMERICAN NATIONAL STANDARDS INSTITUTE 25 West 43rd Street, NY, NY 10036

VOL. 49, #38 *September 21, 2018*

Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: October 21, 2018

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

Addenda

BSR/ASHRAE Addendum 62.2C-201x, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)

This proposed addendum aims to minimize the potential for coming up with variable ventilation control strategies that could result in substantial under-ventilation for noticeable periods of time.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

BSR/ASHRAE Addendum 62.2R-201x, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2016)

This proposed change removes the requirement that ON-OFF controls be readily accessible or manual. They would still be required to be accessible, but would avoid the confusion between the 62.2 intent of “readily” with other organizations’ definition.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

BSR/ASHRAE Addendum 62.2T-201x, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2016)

This proposed change removes the potential for people to claim they would have installed a balanced system to avoid installing an unbalanced system. It also aligns the maximum airflow requirement that precludes the need to install a fan between new and existing homes.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

BSR/ASHRAE Addendum 62.2U-201x, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)

This proposed change expands the prescriptive duct sizing table (Table 5.3) to account for the larger flows sometimes encountered with kitchen exhaust. It also reworks the table to show minimum diameter instead of maximum length.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

BSR/ASHRAE Addendum a to BSR/ASHRAE Standard 188-201x, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2015)

This proposed addendum revises the definition of “non-potable” and “potable water system” in Section 3, Definitions. The revision defines “non-potable” with the opposite language used to define “potable water system,” and the revisions makes the definition consistent with the same definitions proposed in ASHRAE Guideline 12.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

NSF (NSF International)

Revision

BSR/NSF 173-201x (i68r1), Dietary Supplements (revision of ANSI/NSF 173-2017)

The purpose of ANSI/NSF 173 is to serve as an evaluation tool for analyzing dietary supplements. Certification to this Standard serves as a communication tool between manufacturers of ingredients and finished product, retailers, healthcare practitioners, and consumers. This Standard provides test methods and evaluation criteria to allow for the determination that a dietary supplement contains the ingredients claimed on the label, either qualitatively or quantitatively, and that it does not contain specific undeclared contaminants. In some instances, validated laboratory methods are not yet available for analyzing certain ingredients. In such cases, new methods will be added to this Standard as they become available.

Click here to view these changes in full

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

BSR/NSF 350-201x (i28r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2017a)

This Standard contains minimum requirements for onsite residential and commercial graywater treatment systems. Systems may include Graywater reuse treatment systems having a rated treatment capacity up to 5,678 L/d (1,500 gal/d); or Commercial graywater reuse treatment systems: This applies to onsite commercial reuse treatment systems that treat combined commercial facility graywater with capacities exceeding 5,678 L/d (1,500 gal/d) and commercial facility laundry water only of any capacity. Management methods and end uses appropriate for the treated effluent discharged from graywater residential and commercial treatment systems meeting this Standard are limited to subsurface discharge to the environment only.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 242-201x, Standard for Safety for Nonmetallic Containers for Waste Paper (revision of ANSI/UL 242-2004 (R2017))

The following is being proposed: (1) Replacing carbon paper with shredded newspaper for the Internal Fire Test.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

BSR/UL 360-201X, Standard for Safety for Liquid-Tight Flexible Metal Conduit (revision of ANSI/UL 360-2018)

(1) Correction to pipe stiffness units.

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

BSR/UL 471-201x, Commercial Refrigerators and Freezers (revision of ANSI/UL 471-2016)

This proposal for UL 471 covers: (1) Test requirement revision or clarification for Refrigerant Leakage Test for Drop-In Products.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Alan McGrath, (847) 664-3038, alan.t.mcgrath@ul.com

BSR/UL 710B-201X, Standard for Recirculating Systems (revision of ANSI/UL 710B-2014)

UL proposes a revision to 37.1 in UL 710B to add an exception.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Nicolette Weeks, (919) 549-0973, Nicolette.A.Weeks@ul.com

BSR/UL 746A-201X, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2018)

This proposal covers the revision of lab environment conditions for Comparative Tracking Index (CTI) tests in Section 24.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Derrick Martin, (510) 319-4271, Derrick.L.Martin@ul.com

BSR/UL 1626-201X, Standard for Residential Sprinklers for Fire-Protection Service (revision of ANSI/UL 1626-2017)

UL proposes a recirculation for the UL 1626 proposal dated 5-11-18.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Nicolette Weeks, (919) 549-0973, Nicolette.A.Weeks@ul.com

BSR/UL 1989-201x, Standard for Safety for Standby Batteries (revision of ANSI/UL 1989-2013)

(2) Revision of 1.3 to clarify that lithium batteries are excluded. (3) Revision of terminology used in 4.2 and 4.3 to clarify that the standard covers lead acid and similar batteries.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Megan Van Heirseele, (847) 664-2881, Megan.M.VanHeirseele@ul.com

Comment Deadline: November 5, 2018

AAFS (American Academy of Forensic Sciences)

New Standard

BSR/ASB Std 036-201x, Standard Practices for Method Validation in Forensic Toxicology (new standard)

This document delineates minimum standards of practice for validating analytical methods used in the field of forensic toxicology that target specific analytes or analyte classes. Specifically, it is intended for the subdisciplines of postmortem forensic toxicology, human performance toxicology (e.g., drug-facilitated crimes and driving-under-the-influence of alcohol or drugs), non-regulated employment drug testing, court-ordered toxicology (e.g., probation and parole, drug courts, child services), and general forensic toxicology (non-lethal poisonings or intoxications). This document is not intended to address method validation in the discipline of breath alcohol testing

Single copy price: Free

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

Document will be provided electronically on AAFS Standards Board website free of charge.

Send comments (with copy to psa@ansi.org) to: asb@aafs.org. This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: https://asb.aafs.org/notification-of-standard-development-and-coordination/.

BSR/ASB Std 053-201x, Standard for Report Content in Forensic Toxicology (new standard)

This document delineates the requirements for reporting results from forensic toxicology analyses. Specifically, it is intended for the subdisciplines of human performance toxicology (e.g., driving-under-the-influence of alcohol or drugs and drug-facilitated crimes), postmortem forensic toxicology, non-regulated employment drug testing, court-ordered toxicology (e.g., probation and parole, drug courts, child services), and general forensic toxicology (e.g., non-lethal poisonings or intoxications). The document does not apply to the reporting of breath alcohol testing results.

Single copy price: Free

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

Document will be provided electronically on AAFS Standards Board website free of charge

Send comments (with copy to psa@ansi.org) to: Send comments to: asb@aafs.org. Document and comments template can be viewed on the AAFS Standards Board website at: https://asb.aafs.org/notification-of-standard-development-and-coordination/

AGA (ASC Z380) (American Gas Association)

Addenda

BSR/GPTC Z380.1-2018 TR 2012-04-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review existing GM (Guide Material) and revise as appropriate to address overpressurization of plastic pipe when it reaches its yield strength.

Single copy price: Free

Obtain an electronic copy from: https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/

Order from: Michael Bellman, (202) 824-7183, mbellman@aga.org

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

BSR/GPTC Z380.1-2018 TR 2012-42-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review GM under 192.145 and address the issue of support for compression couplings and cast iron valves.

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BSR/GPTC Z380.1-2018 TR 2014-01-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Consider GM to develop a template or model to guide operators in performance effectiveness evaluations and developing performance metrics and measures, to be used for any program requiring evaluation.

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BSR/GPTC Z380.1-2018 TR 2014-09-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review guide material added by TR 2009-17 to 5.1(e) and consider restructuring the guide material under 192.605

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BSR/GPTC Z380.1-2018 TR 2015-01-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

192.311, 321, 703 – Review to consider new or revised GM on the need for reinforcing plastic after squeezing and reopening.

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BSR/GPTC Z380.1-2018 TR 2016-08-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Revise GM to address Executive’s concern resulting from TR 2008-32 that the paragraph as written, may require an operator to maintain a business relationship with an ILI vendor until all anomalies have been dug up and inspected.

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BSR/GPTC Z380.1-2018 TR 2016-18-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review GM 192.616 to determine if the information in 196.109 should be included to leak reporting in 2(iii).

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BSR/GPTC Z380.1-2018 TR 2016-20-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review GM 7 under 192.617 to address report for gas explosion and subsequent fire, New York City, New York concludes that a second crack on the outlet of the service tee was caused by post-incident excavation.

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BSR/GPTC Z380.1-2018 TR 2016-26-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review existing GM and modify as appropriate in light of ADB–2016–04 - Ineffective Protection, Detection, and Mitigation of Corrosion Resulting from Insulated Coatings on Buried Pipelines.

Single copy price: Free

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BSR/GPTC Z380.1-2018 TR 2016-31-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review ADB-2016-05 and revise GM as appropriate.

Single copy price: Free

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BSR/GPTC Z380.1-2018 TR 2016-34-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review Amdt. 192-121 and revise existing GM as appropriate. Review existing GM and revise as appropriate in light of PHMSA Webinar on EFV Q&A.

Single copy price: Free

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BSR/GPTC Z380.1-2018 TR 2017-02-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

To revise GMA G-192-11 and G-192-11A to align appendices for all but technical differences due to difference in properties of the natural gas and petroleum gas.

Single copy price: Free

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BSR/GPTC Z380.1-2018 TR 2017-04-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Add a statement in the Introductory Material (possibly Preface) to explain the GPTC handling of Advisory Bulletins.

Single copy price: Free

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BSR/GPTC Z380.1-2018 TR 2017-08-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review Amdt. 191-25 and Amdt. 192-123, Operator Qualification, Cost Recovery, Accident and Incident Notification, and Other Pipeline Safety Changes, and revise GM as appropriate. Re: Notifications to PHMSA.

Single copy price: Free

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BSR/GPTC Z380.1-2018 TR 2017-09-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review Amdt. 191-25 and Amdt. 192-123, Operator Qualification, Cost Recovery, Accident and Incident Notification, and Other Pipeline Safety Changes, and revise GM as appropriate. Re: Control Room Management and Farm Taps.

Single copy price: Free

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BSR/GPTC Z380.1-2018 TR 2017-17-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Consider adding guidance to 192.615 1.3c Prompt/Effective Response or 1.6 Emergency Shut Down and Pressure Reduction (bullet a - ii) or potential to 1.7 Making Safe actual or potential hazard. Re: Preventing any hindrances from the search and rescue efforts due to delays in shutting off the gas.

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BSR/GPTC Z380.1-2018 TR 2017-21-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Consider adding to GM 3.1 to map or otherwise document live service line stubs that were not fully abandoned close to the tapping tee.

Single copy price: Free

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BSR/GPTC Z380.1-2018 TR 2017-25-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review existing GM in light of ADB-2017-02 and propose changes to GM as appropriate.

Single copy price: Free

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BSR/GPTC Z380.1-2018 TR 2017-41-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review guide material and appendices to develop means of ensuring locatability of inserted pipe.

Single copy price: Free

Obtain an electronic copy from: https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/

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BSR/GPTC Z380.1-2018 TR 2018-13-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Correct the guidance material under 2.3(a)(3) and the Flow Chart under 3 for Type B gathering lines.

Single copy price: Free

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BSR/GPTC Z380.1-2018 TR 2018-14-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review Note in GM 1.1 and consider whether it should be revised or deleted.

Single copy price: Free

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BSR/GPTC Z380.1-2018 TR 2018-18-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Add GM to the investigation/evaluation of failed materials.

Single copy price: Free

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BSR/GPTC Z380.1-2018 TR 2018-22-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Add GM note to amended code sections if appropriate

Single copy price: Free

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

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

Addenda

BSR/ASHRAE Addendum 62.1L-201x, Ventilation for Acceptable Indoor Air Quality (addenda to)

The natural ventilation procedure was modified to require mechanical ventilation with certain exceptions. This proposed addendum provides specific requirements for the exception. It also recognizes that there are inherent health issues with outdoor air in many locations in the world and updates the requirements based on recent studies and airflow evaluations. The prescriptive path has been improved by removing the openable area requirement of 4% of net occupiable floor area. Two tables are proposed that provided minimum openable area based on program type, opening geometry, and spacing of vertical openings.

Single copy price: $35.00

Obtain an electronic copy from: Free download at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Send request to standards.section@ashrae.org

Send comments (with copy to psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

BSR/ASHRAE Addendum 62.1T-201x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

This proposed addendum adds a new informative appendix which is a companion to the changes to the Natural Ventilation Procedure. It provides information for application of the new procedure.

Single copy price: $35.00

Obtain an electronic copy from: Free download at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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ASSP (Safety) (American Society of Safety Professionals)

New Standard

BSR/ASSP Z9.6-201x, Exhaust Systems for Grinding, Polishing and Buffing (new standard)

The requirements and emission and exposure control principles described in this standard represent the minimum criteria intended to protect the health of personnel engaged in and working in the vicinity of grinding, polishing, and buffing operations and to control contaminants generated by those operations.

Single copy price: $99.00

Obtain an electronic copy from: OMunteanu@ASSP.org

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

AWS (American Welding Society)

Revision

BSR/AWS D1.2/D1.2M-201x, Structural Welding Code - Aluminum (revision of ANSI/AWS D1.2/D1.2M-2014)

This code covers the welding requirements for any type structure made from aluminum structural alloys, except for aluminum pressure vessels and pressure piping. Clauses 1 through 10 constitute a body of rules for the regulation of welding in aluminum construction. A commentary on the code is also included with the document.

Single copy price: $126.00

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

BICSI (Building Industry Consulting Service International)

New Standard

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

This standard provides requirements, recommendations, and best practices for the operation and maintenance of data centers including but not limited to standard operating procedures, emergency operating procedures, maintenance, governance, and management.

Single copy price: Free

Obtain an electronic copy from: jsilveira@bicsi.org

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

BICSI (Building Industry Consulting Service International)

Revision

BSR/BICSI 002-201x, Data Center Design Design and Implementation Best Practices (revision of ANSI/BICSI 002-2014)

This is a periodic revision of ANSI/BICSI 002-2014. All content will be reviewed and modified as needed, with new material being created to address developments within data center design.

Single copy price: Free

Obtain an electronic copy from: jsilveira@bicsi.org

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

ESTA (Entertainment Services and Technology Association)

New Standard

BSR E1.33-201x, Entertainment Technology - (RDMnet) - Message Transport and Device Management of ANSI E1.20 (RDM) over IP Networks (new standard)

This standard describes a method of implementing ANSI E1.20, Remote Device Management, messaging over an IP-based network.

Single copy price: Free

Obtain an electronic copy from: http://tsp.esta.org/tsp/documents/public_review_docs.php

Order from: Richard Nix, (212) 244-1505, standards@esta.org

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

BSR E1.37-7-201x, Additional Message Sets for ANSI E1.20 (RDM) - Gateway & Splitter Messages (new standard)

This document provides additional Get/Set Parameter Messages for use with the ANSI E1.20 Remote Device Management protocol. This document contains messages relating to configuring managed splitters, proxy devices, and RDMnet Devices.

Single copy price: Free

Obtain an electronic copy from: http://tsp.esta.org/tsp/documents/public_review_docs.php

Order from: Richard Nix, (212) 244-1505, standards@esta.org

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

IES (Illuminating Engineering Society)

Addenda

BSR/IES RP-16-2017 Addendum 2-201x, Nomenclature and Definitions for Illuminating Engineering - Addendum 2: New and Modified Terms (addenda to ANSI/IES RP-16-2017 and ANSI/IES RP-16-2017, Addendum 1-2018)

Replacing definitions for 24 terms, adding ~ 100 new definitions relating to daylight, re-numbering sections.

Single copy price: $25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Order from: Patricia McGillicuddy, (917) 913-0027, pmcgillicuddy@ies.org

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

ISA (International Society of Automation)

New National Adoption

BSR/ISA 62453-309 (103.00.08)-201x, Field device tool (FDT) interface specification - Part 309: Communication profile integration - IEC 61784 CPF 9 (national adoption of IEC 62453-309 with modifications and revision of ANSI/ISA 62453-309 (103.00.08)-2011)

This part of the ISA 62453 series provides information for integrating the HART® technology into the FDT standard (ISA 62453-2). This part of the ISA 62453 series specifies communication and other services. This standard neither contains the FDT specification nor modifies it.

Single copy price: $270.00

Obtain an electronic copy from: rbreiner@isa.org

Order from: Rob Breiner, (919) 990-9257, rbreiner@isa.org

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

MHI (Material Handling Industry)

Revision

BSR/MHI ECMA 15-201x, Cable-less Controls for Electric Overhead Traveling Cranes (revision of ANSI/MHI ECMA 15-2010)

This standard provides minimum requirements and guidelines for cable-less controls for electric overhead traveling cranes. A cable-less control device uses radio frequency signals that can be used to control the movements and actions of cranes in material handling applications.

Single copy price: $50.00

Obtain an electronic copy from: www.mhi.org

Order from: Patrick Davison, (704) 714-8755, pdavison@mhi.org

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

NECA (National Electrical Contractors Association)

New Standard

BSR/NECA 781-201X, Recommended Practice for Installing and Maintaining Lighting Protection Systems (new standard)
This standard covers quality and performance criteria and best practices for lightning protection system design and installation for both new construction and existing structures. The basic components of lighting protection systems are covered as well as basic information related to lightning protection system design and system maintenance.
Single copy price: $25.00 (NECA members); $50.00 (nonmembers)
Obtain an electronic copy from: neis@necanet.org
Order from: Aga Golriz, (301) 215-4549, Aga.golriz@necanet.org
Send comments (with copy to psa@ansi.org) to: Same

NEMA (ASC C136) (National Electrical Manufacturers Association)

New Standard

BSR C136.58-2018, Luminaire Four-Pin Extension Module and Receptacle - Physical and Electrical Interchangeability and Testing (new standard)
1.1 This document defines the following roadway and area lighting equipment, which may be physically and electrically interchanged to operate within established values: a) A locking-type 4-pin Luminaire Extension Module (LEX-M), b) A locking-type mating 4-pin Luminaire Extension Receptacle (LEX-R), c) A Luminaire Extension Cap (LEX-C). 1.2 The equipment in 1.1 is primarily intended for outdoor application and it may also be used indoor. 1.3 The equipment in 1.1 provides mechanical and electrical specification for the interfaces between a LEX-M (sensor/communication module) and LEX-R (electrical part of LED luminaire) using a voltage up to 60 V dc max. 1.4 The LEX-C is used to cover the receptacle in case no LEX-M is used with LEX-R. In this case, the mechanical specification for the interfaces between a LEX-R and LEX-C is provided. 1.5 The equipment in 1.1 is a plug-and-play interface used with outdoor luminaires to add connectivity and/or sensing functions. The plug-and-play interface supports future system and services upgrades. The protocol for the plug-and-play interfacing is specified in C137.4. 1.6 Outside of Scope: a) Modules directly connected to the mains, b) The functionality of the actual sensor/communication module, c) The mounting method of the receptacle to the luminaire, including anti-rotation means.
Single copy price: $35.00
Obtain an electronic copy from: Karen.Willis@nema.org
Send comments (with copy to psa@ansi.org) to: Karen.Willis@nema.org

NEMA (ASC C8) (National Electrical Manufacturers Association)

Revision

BSR/ICEA S-106-703-201x, Broadband Aerial Service Wire Aircore, Polyolefin Insulated Conductor (revision of ANSI/ICEA S-106-703 -2012)
This Standard covers material, mechanical and electrical requirements for Broadband Aerial Service Wire (BB-ASW) of ≤12 pair, intended for use principally in extending a circuit from a broadband distribution cable terminal to a subscriber's network interface device (NID).
Single copy price: $142.00
Obtain an electronic copy from: khaled.masri@nema.org
Order from: Communications@nema.org
Send comments (with copy to psa@ansi.org) to: khaled.masri@nema.org

NEMA (National Electrical Manufacturers Association)

New Standard

BSR/NEMA VC 1-201x, Supplier Credentialing in Healthcare (new standard)
This standard identifies credentials of Supplier employees (identified as Supplier Representatives) entering a Healthcare Provider Facility. Requirements are intended for Supplier Representatives but could be applied to others if a Healthcare Provider chooses to do so (e.g., independent contractors and maintenance personnel).
Single copy price: Free
Obtain an electronic copy from: pau_orr@nema.org
Order from: NEMA
Send comments (with copy to psa@ansi.org) to: pau_orr@nema.org

NFPA (National Fire Protection Association)

Revision

BSR/NFPA 59A-201x, Standard for the Production, Storage, and Handling of Liquefied Natural Gas (LNG) (revision of ANSI/NFPA 59A-2016)

This standard shall apply to the following: (1) Facilities that liquefy natural gas; (2) Facilities that store, vaporize, transfer, and handle liquefied natural gas (LNG); (3) The training of all personnel involved with LNG; and (4) The design, location, construction, maintenance, and operation of all LNG facilities

Obtain an electronic copy from: www.nfpa.org/59A

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

NSF (NSF International)

Revision

BSR/NSF 14-201x (i100r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2017)

This Standard establishes minimum physical, performance, and health effects requirements for plastics piping system components and related materials. These criteria were established for the protection of public health and the environment.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/44645/14i100r1%20JC%20memo%20and%20ballot.pdf

Send comments (with copy to psa@ansi.org) to: Jason Snider, jsnider@nsf.org

BSR/NSF 419-201x (i8r2), Public Drinking Water Equipment Performance - Membrane Filtration (revision of ANSI/NSF 419-2015)

This Standard is designed to describe the performance evaluation test procedure for the product specific challenge testing of full-scale UF and MF membrane modules, bag filters, and cartridge filters for the removal of microbial contaminants. This Standard provides procedures to develop challenge testing Log Removal Values (LRVC_TEST), as required in the EPA's Long Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR), published in 40 CFR 141-subpart W.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/44627/419i8r2%20-%20Annex%20C%20-%20JC%20memo%20&%20ballot.pdf

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

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 135-1-201x, DOCSIS 3.0 Part 1: Physical Layer Specification (revision of ANSI/SCTE 135-1-2013)

This specification is part of the DOCSIS family of specifications. In particular, this specification is part of a series of specifications that defines the third generation of high-speed data-over-cable systems. This specification was developed for the benefit of the cable industry and includes contributions by operators and vendors from North America, Europe, China, and other regions.

Single copy price: $50.00

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

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

TIA (Telecommunications Industry Association)

Revision

BSR/TIA 758-C-201x, Customer-Owned Outside Plant Telecommunications Infrastructure Standard (revision and redesignation of ANSI/TIA 758-B-2012)

The purpose of this Standard is to enable the planning and installation of an outside plant structured cabling system infrastructure. This Standard establishes the recommendations and requirements used in the design of the telecommunication pathways and spaces, and the cabling installed between buildings or points in a customer-owned campus environment. Customer-owned campus facilities are typically termed "outside plant" (OSP). For the purpose of this Standard, they are termed customer-owned OSP.

Single copy price: $174.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA; standards@tiaonline.org

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/AAMI/UL 2800-201X, Standard for Safety for Medical Device Interoperability (new standard)

Multiple stakeholders may participate in the development, assembly, deployment, and operation of a medical system with interoperable elements. Such a system, referred to as an interoperable medical system, must minimize patient hazards, maintain clinical effectiveness, ensure timely and adequate access to data while protecting its security, and enable adequate provision of care. In order to facilitate alignment of stakeholders around these aims, this Standard establishes the baseline set of requirements for assuring safe and secure interoperability.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

Send comments (with copy to psa@ansi.org) to: Patricia Sena, (919) 549-1636, patricia.a.sena@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 448C-2014 (R201x), Standard for Safety for Stationary, Rotary-Type, Positive-Displacement Pumps for Fire-Protection Service (reaffirmation of ANSI/UL 448C-2014)

UL proposes a reaffirmation for ANSI approval for UL 448C-2014.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

Send comments (with copy to psa@ansi.org) to: Griff Edwards, (919) 549-0956, griff.edwards@ul.com

BSR/UL 1659-2005 (R201x), Standard for Safety for Attachment Plug Blades for Use in Cord Sets and Power-Supply Cords (reaffirmation of ANSI/UL 1659-2005 (R2014))

These requirements cover the blades of attachment plugs and current taps intended to be connected to the conductors of flexible cords using crimped connections, for use on cord sets and power-supply cords complying with the Standard for Cord Sets and Power-Supply Cords, UL 817, within the limits set forth in 1.2.1 for type of blades and 1.3.1 for size of conductors. These requirements apply to blades, solid and folded, of attachment plugs and current taps rated 15 or 20 A, for general purpose use. These requirements do not apply to the grounding blade (pin) of grounding type attachment plugs or current taps.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

Send comments (with copy to psa@ansi.org) to: Megan Monsen, (847) 664-1292, megan.monsen@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 746E-201x, 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-2017)

This covers: (a) Clarification of the term “Industrial Laminate”; (b) Addition of requirement for sample stabilization period; (c) Revision to the Measurement Accuracy and Testing Conditions requirements; (d) Clarification of requirements in Table 7.2; (e) Addition of reference to 7.17 in Table 7.4; (f) Harmonization of terminology in 7.17; (g) Ultrathin Laminate and Prepreg Test Program title update for Tables 10.3 and 10.4; (h) Clarification of 10.3.2; and (i) Clarification of the purpose of 17.11.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

Send comments (with copy to psa@ansi.org) to: Megan Sepper, (847) 664-3411, Megan.M.Sepper@ul.com

BSR/UL 796-201x, Standard for Safety for Printed-Wiring Boards (revision of ANSI/UL 796-2016)

This covers: (a) Clarification of the PWB constructions; (b) Clarification of the terms Cladding, Industrial Laminate, Sample, and Type; (c) Addition of a definition for Hybrid Printed Wiring Board; (d) Addition of requirement for sample stabilization period; (e) Clarification of low energy circuits requirement; (f) Clarification of metal clad bond/delamination requirement; (g) Clarification of direct support requirement; (h) Clarification of conductor weight range requirement; (i) Clarification of maximum area diameter conductors section; (j) Revision of solder limit section; (k) Addition of reference to coatings used for functions other than solder mask; (l) Correction of reference to singlelayer in Section 16; (m) Clarification of multilayer direct support requirements; (n) Reorganization of Sections 28 and 30; (o) Clarification of Delamination test; (p) Clarification of edge conductor criteria in Section 22; (q) Addition of an alternate method for determining bond strength force; and (r) Addition of marking elements location.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

Send comments (with copy to psa@ansi.org) to: Megan Sepper, (847) 664-3411, Megan.M.Sepper@ul.com

BSR/UL 982-201x, Standard for Safety for Motor-Operated Household Food Preparing Machines (revision of ANSI/UL 982-2017)

This proposal for UL 982 covers: (1) Clarification of applicability of Self-Holding Protector Abnormal Operation test; (2) Smart enabled food preparing machines; (3) Vacuum blender requirements; (4) Feed opening accessibility; (5) Electric knife unintentional operation; (6) Interlocked blender cover opening equivalent area; and (7) Food processors with momentary contact switch.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

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

VC (ASC Z80) (The Vision Council)

Revision

BSR Z80.23-201x, Corneal Topography Systems - Standard Terminology, Requirements (revision of ANSI Z80.23-2008 (R2013))

This standard applies to instruments, systems and methods that are intended to measure the shape of the cornea of the human eye over a majority of its central anterior surface. The measurements may be of the curvature of the surface in local areas, three-dimensional topographical measurements of the surface or other more global parameters used to characterize the surface.

Single copy price: $70.00

Obtain an electronic copy from: ascz80@thevisioncouncil.org

Order from: Michele Stolberg, 585-387-9913, ascz80@thevisioncouncil.org

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

Comment Deadline: November 20, 2018

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 2237-201X, Standard for Safety for Multi-Point Interconnection Power Cable Assemblies for Industrial Machinery (new standard)

This proposal covers the publication of a new first edition of the Standard for Multi-Point Interconnection Power Cable Assemblies for Industrial Machinery, UL 2237.

Single copy price: Free

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

Order from: Comm2000, 151 Eastern Avenue, Bensenville, IL 60106 USA, 1-888-853-3503

Send comments (with copy to psa@ansi.org) to: Derrick Martin, (510) 319-4271, Derrick.L.Martin@ul.com

BSR/UL 3100-201x, Standard for Safety for Automated Guided Vehicles (AGVs) (new standard)

UL 3100 covers battery-operated operated AGVs that are intended to be used indoors in a commercial or industrial environment. The AGVs covered by this standard include Industrial Truck AGVs (inherently load bearing), load-bearing-service AGVs, and non-load-bearing service AGVs, as defined within this standard. The AGV is battery powered using either lead acid batteries or lithium-ion-based batteries that are charged through a conductive system while either on board or off board the vehicle.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Megan Monsen, (847) 664-1292, megan.monsen@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:

ASC X9 (Accredited Standards Committee X9, Incorporated)

BSR X9.92-200x, Public Key Cryptography for the Financial Services Industry: PV-Digital Signature Scheme Giving Partial Message Recovery (PVS) (new standard)

BSR X9.92-2-200x, PV-Digital Signature Scheme Giving Partial Message Recovery (PVS) - Part 2: Based on Diffie-Hellman (new standard)

Inquiries may be directed to Ambria Frazier, (410) 267-7707, Ambria.frazier@x9.org

ASTM (ASTM International)

BSR/ASTM F1734-201x, Practice for Qualification of a Combination of Squeeze Tool, Pipe, and Squeeze-Off Procedures to Avoid Long-Term Damage in Polyethylene (PE) Gas Pipe (revision of ANSI/ASTM F1734-2017)

BSR/ASTM F1734-201x, Practice for Qualification of a Combination of Squeeze Tool, Pipe, and Squeeze-Off Procedures to Avoid Long-Term Damage in Polyethylene (PE) Gas Pipe (revision of ANSI/ASTM F1734-2017)

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

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

ASTM (ASTM International)

ANSI/ASTM F1734-2017, Practice for Qualification of a Combination of Squeeze Tool, Pipe, and Squeeze-Off Procedures to Avoid Long-Term Damage in Polyethylene (PE) Gas Pipe

Questions may be directed to: Corice Leonard, (610) 832-9744, accreditation@astm.org

IICRC (The Institute of Inspection, Cleaning and Restoration Certification)

ANSI/IICRC S600-2015, Standard and Reference Guide for Professional Carpet Installation

Questions may be directed to: Mili Washington, (702) 850-2710, mwashington@iicrcnet.org

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

Contact: *Jennifer Moyer*

Phone: (703) 253-8274

E-mail: jmoyer@aami.org

BSR/AAMI/IEC 62366-1, Amendment 1-201x, Medical devices - Part 1: Application of usability engineering to medical devices - Amendment 1 (addenda to ANSI/AAMI/IEC 62366-1-2015)

BSR/AAMI/ISO 11737-1-201x/Amendment 1, Sterilization of health care products - Microbiological methods - Part 1: Determination of a population of microorganisms on products - Amendment 1 (addenda to ANSI/AAMI/ISO 11737-1-2018)

ESTA (Entertainment Services and Technology Association)

Office: 630 Ninth Avenue
Suite 609
New York, NY 10036-3748

Contact: *Richard Nix*

Phone: (212) 244-1505

E-mail: standards@esta.org

BSR E1.33-201x, Entertainment Technology - (RDMnet) - Message Transport and Device Management of ANSI E1.20 (RDM) over IP Networks (new standard)

BSR E1.37-7-201x, Additional Message Sets for ANSI E1.20 (RDM) - Gateway & Splitter Messages (new standard)

IES (Illuminating Engineering Society)

Office: 120 Wall Street, Floor 17
New York, NY 10005

Contact: *Patricia McGillicuddy*

Phone: (917) 913-0027

E-mail: pmcgillicuddy@ies.org

BSR/IES RP-16-2017 Addendum 2-201x, Nomenclature and Definitions for Illuminating Engineering - Addendum 2: New and Modified Terms (addenda to ANSI/IES RP-16-2017 and ANSI/IES RP-16-2017, Addendum 1-2018)

ISA (International Society of Automation)

Office: 67 Alexander Drive
P O Box 12277
Research Triangle Pk, NC 27709

Contact: *Rob Breiner*

Phone: (919) 990-9257

E-mail: rbreiner@isa.org

BSR/ISA 62453-309 (103.00.08)-201x, Field device tool (FDT) interface specification - Part 309: Communication profile integration - IEC 61784 CPF 9 (national adoption of IEC 62453-309 with modifications and revision of ANSI/ISA 62453-309 (103.00.08)-2011)

NECA (National Electrical Contractors Association)

Office: 3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814

Contact: *Aga Golriz*

Phone: (301) 215-4549

E-mail: Aga.golriz@necanet.org

BSR/NECA 781-201X, Recommended Practice for Installing and Maintaining Lighting Protection Systems (new standard)

NEMA (ASC C136) (National Electrical Manufacturers Association)

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

Contact: *Dejan Lenasi*

Phone: (778) 386-9190

E-mail: dejan.lenasi@signify.com

BSR C136.58-2018, Luminaire Four-Pin Extension Module and Receptacle - Physical and Electrical Interchangeability and Testing (new standard)

NEMA (ASC C8) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Rosslyn, VA 22209

Contact: *Khaled Masri*

Phone: (703) 841-3278

E-mail: Khaled.Masri@nema.org

BSR/ICEA S-106-703-201x, Broadband Aerial Service Wire Aircore, Polyolefin Insulated Conductor (revision of ANSI/ICEA S-106-703 -2012)

NSF (NSF International)

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

Contact: *Jason Snider*

Phone: (734) 418-6660

E-mail: jsnider@nsf.org

BSR/NSF 14-201x (i100r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2017)

BSR/NSF 173-201x (i68r1), Dietary Supplements (revision of ANSI/NSF 173-2017)

BSR/NSF 350-201x (i28r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2017a)

BSR/NSF 419-201x (i8r2), Public Drinking Water Equipment Performance - Membrane Filtration (revision of ANSI/NSF 419-2015)

TIA (Telecommunications Industry Association)

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

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

E-mail: standards@tiaonline.org

BSR/TIA 758-C-201x, Customer-Owned Outside Plant Telecommunications Infrastructure Standard (revision and redesignation of ANSI/TIA 758-B-2012)

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, IL 60062

Contact: *Megan Monsen*

Phone: (847) 664-1292

E-mail: megan.monsen@ul.com

BSR/UL 3100-201x, Standard for Safety for Automated Guided Vehicles (AGVs) (new standard)

Call for Members (ANS Consensus Bodies)

Call for Committee Members

CGA (Compressed Gas Association, Inc.)

CGA (Compressed Gas Association, Inc.)

Office: 14501 George Carter Way, Suite 103
Chantilly, VA 20151
Contact: Kristy Mastromichalis, Committee Project Manager
Phone: (703) 788-2728
Fax: (703) 961-1831
E-mail: kmastromichalis@cganet.com

CGA P-18, Standard for Bulk Inert Gas Systems. This purpose of this standard to provide information on the design, installation, start-up, maintenance, and removal of bulk inert gas systems for argon, nitrogen, and helium service. This consensus body is currently seeking voting members in the following categories:

- user,
- general interest,
- equipment supplier,
- distributor/retailer, and
- trade association

Call for Members (ANS Consensus Bodies)

Call for Committee Members

SDI (Steel Deck Institute)

SDI-SD-20xx, Standard for Steel Roof and Floor Deck
(consolidate and revise existing ANSI/SDI-NC-2017, ANSI/SDI-C-2017, and ANSI/SDI-RD-2017 Standards into a single Standard)

This comprehensive standard, with accompanying non-mandatory user notes, sets requirements and guidelines for all aspects of steel roof deck, non-composite steel floor deck, and composite steel floor deck applications, from design through installation.

In the general interest category, stakeholders include related trade associations, specifying and consulting engineers, code officials, and academics. In the user category, stakeholders include general contractors, steel fabricators, structural steel and deck installers. In the producer category, stakeholders include steel deck manufacturers.

SDI-SD-20xx is a consolidation and revision of existing ANSI/SDI-NC-2017, ANSI/SDI-C-2017, and ANSI/SDI-RD-2017 Standards into a single Standard. SDI-SD-20xx is a Standard for steel roof and floor deck to be used by designers, specifiers, manufacturers, and installers. The Standard sets guidelines and requirements relating to quality assurance, materials, design, materials handling, and installation of steel roof and floor deck. Non-mandatory user notes and commentary are included for further clarification and guidance.

For more information, contact Bob Paul, bob@sdi.org.

SDI-T-CD-20xx, Test Standard for Composite Steel Deck Slabs
(revise existing ANSI/SDI-T-CD-2017 standard)

This comprehensive standard, with accompanying non-mandatory user notes, sets requirements and guidelines for structural testing of composite steel deck slabs.

In the general interest category, stakeholders include related trade associations, specifying and consulting engineers, code officials, and academics. In the user category, stakeholders include general contractors, steel fabricators, structural steel and deck installers. In the producer category, stakeholders include steel deck manufacturers.

SDI-T-CD-20xx is a revision of the existing ANSI/SDI-T-CD-2017 standard. ANSI/SDI-T-CD-2017 is a standard for structural testing of composite steel deck slabs to be used by designers, specifiers, manufacturers, and installers of composite steel deck slabs. The specification sets guidelines and requirements relating to methods for structural testing of composite steel deck slabs. Non-mandatory user notes are included for further clarification and guidance.

For more information, contact Bob Paul, bob@sdi.org.

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.

AAFS (American Academy of Forensic Sciences)

New Standard

ANSI/ASB Std 020-2018, Standards for Validation Studies of DNA Mixtures for the Development and Verification of a Laboratory Mixture Interpretation Protocol (new standard): 9/11/2018

ACMA (American Composites Manufacturers Association)

New Standard

ANSI/ACMA/UCSC-FRP Composite Utility Poles-1-2018, Standard Specification for FRP Composite Utility Poles (new standard): 9/13/2018

ASA (ASC S2) (Acoustical Society of America)

Reaffirmation

ANSI/ASA S2.72-2003/Part 4 (R2018)/ISO 2631-4-2001 (R2018), Mechanical Vibration and Shock - Evaluation of Human Exposure to Whole-Body Vibration - Part 4: Guidelines for the Evaluation of the Effects of Vibration and Rotational Motion on Passenger and Crew Comfort in Fixed-Guideway Transport Systems (reaffirmation of ANSI/ASA S2.72-2003/Part 4 (R2012)/ISO 2631-4-2001 (R2012)): 9/11/2018

ANSI/ASA S2.72-2002/Part 1 ISO 2631-1-1997 (R2018), Mechanical vibration and shock - Evaluation of human exposure to whole-body vibration - Part 1: General requirements (a nationally adopted international standard) (reaffirmation of ANSI/ASA S2.72-2002/Part 1 (R2012) ISO 2631-1-1997 (R2012)): 9/11/2018

ANSI/ASA S2.72/Part 1 Amd. 1-2010/ISO 2631-1 Amd. 1:2010 (R2018), Mechanical vibration and shock - Evaluation of human exposure to whole-body vibration - Part 1: General requirements - Amendment 1 (a nationally adopted international standard amendment) (reaffirmation of ANSI/ASA S2.72-2002/Part 1 (R2012) ISO 2631-1-1997 (R2012)): 9/11/2018

ANSI/ASA S2.72/Part 4 Amd. 1-2010/ISO 2631-4 Amd. 1:2010 (R2018), Mechanical vibration and shock - Evaluation of human exposure to whole-body vibration - Part 4: Guidelines for the evaluation of the effects of vibration and rotational motion on passenger and crew comfort in fixed-guideway transport systems - Amendment 1 (a Nationally Adopted International Standard Amendment) (reaffirmation of ANSI/ASA S2.72/Part 4 Amd. 1 -2010/ISO 2631-4 Amd. 1:2010 (R2012)): 9/11/2018

HL7 (Health Level Seven)

New Standard

ANSI/HL7 EHR-S MUFP, R1-2018, HL7 EHR-S Functional Profile: Meaningful Use 2015, Release 1 - US Realm (new standard): 9/4/2018

HPS (ASC N13) (Health Physics Society)

New Standard

ANSI N13.14-2018, Bioassay Programs for Tritium (new standard): 9/11/2018

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

ANSI/IEEE 3001.11-2017, Recommended Practice for Application of Controllers and Automation to Industrial and Commercial Power Systems (new standard): 9/13/2018

Revision

ANSI/IEEE C37.238-2017, Standard Profile for Use of IEEE 1588 Precision Time Protocol in Power System Applications (revision of ANSI/IEEE C37.238-2011): 9/13/2018

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

New National Adoption

INCITS/ISO/IEC 11770-3:2015 [2018], Information technology - Security techniques - Key management - Part 3: Mechanisms using asymmetric techniques (identical national adoption of INCITS/ISO/IEC 11770-3:2008 [R2014] and revision of INCITS/ISO/IEC 11770-3:2008 [R2014]): 9/11/2018

INCITS/ISO/IEC 14776-112:2002 [2018], Information technology - Small Computer System Interface (SCSI) - Part 112: Parallel Interface-2 (SPI-2) (identical national adoption of ISO/IEC 14776 -112:2002): 9/11/2018

INCITS/ISO/IEC 14776-153:2015 [2018], Information technology - Small Computer System Interface (SCSI) - Part 153: Serial Attached SCSI - 2.1 (SAS-2.1) (identical national adoption of ISO/IEC 14776 -153:2015): 9/11/2018

INCITS/ISO/IEC 14776-222:2005 [2018], Information technology - Small Computer System Interface (SCSI) - Part 222: Fibre Channel Protocol for SCSI, Second Version (FCP-2) (identical national adoption of ISO/IEC 14776-222:2005): 9/11/2018

INCITS/ISO/IEC 14776-326:2015 [2018], Information technology - Small Computer System Interface (SCSI) - Part 326: Reduced Block Commands (RBC) (identical national adoption of ISO/IEC 14776 -326:2015): 9/11/2018

INCITS/ISO/IEC 14776-331:2002 [2018], Information technology - Small Computer System Interface (SCSI) - Part 331: Stream Commands (SSC) (identical national adoption of ISO/IEC 14776 -331:2002): 9/11/2018

INCITS/ISO/IEC 14776-351:2007 [2018], Information technology - Small Computer System Interface-3 (SCSI-3) - Part 351: Medium Changer Commands (SCSI-3 SMC) (identical national adoption of ISO/IEC 14776-351:2007): 9/11/2018

INCITS/ISO/IEC 14776-362:2006 [2018], Information technology - Small Computer System Interface (SCSI) - Part 362: SCSI Multimedia Commands - 2 (MMC-2) (identical national adoption of ISO/IEC 14776-362:2006): 9/11/2018

INCITS/ISO/IEC 14776-412:2006 [2018], Information technology - Small Computer System Interface (SCSI) - Part 412: Architecture Model -2 (SAM-2) (identical national adoption of ISO/IEC 14776 -412:2006): 9/11/2018

INCITS/ISO/IEC 14888-2:2008/COR 1:2015 [2018], Information technology - Security techniques -Digital signatures with appendix - Part 2: Integer factorization based mechanisms - Technical Corrigendum 1 (identical national adoption of ISO/IEC 14888 -2:2008/COR 1:2015): 9/11/2018

INCITS/ISO/IEC 18014-4:2015 [2018], Information technology - Security techniques - Time-stamping services - Part 4: Traceability of time sources (identical national adoption of ISO/IEC 18014 -4:2015): 9/11/2018

INCITS/ISO/IEC 25185-1:2016 [2018], Identification cards - Integrated circuit card authentication protocols - Part 1: Protocol for Lightweight Authentication of Identity (identical national adoption of ISO/IEC 25185-1:2016): 9/11/2018

INCITS/ISO/IEC 27034-2:2015 [2018], Information technology - Security techniques - Application security - Part 2: Organization normative framework (identical national adoption of ISO/IEC 27034 -2:2015): 9/11/2018

INCITS/ISO/IEC 17825:2016 [2018], Information technology - Security techniques - Testing methods for the mitigation of non-invasive attack classes against cryptographic modules (identical national adoption of ISO/IEC 17825:2016): 9/11/2018

INCITS/ISO/IEC 17826:2016 [2018], Information technology - Cloud Data Management Interface (CDMI) (identical national adoption of INCITS/ISO/IEC 17826:2012 [2014] and revision of INCITS/ISO/IEC 17826:2014): 9/11/2018

INCITS/ISO/IEC 19637:2016 [2018], Information technology - Sensor network testing framework (identical national adoption of ISO/IEC 19637:2016): 9/11/2018

INCITS/ISO/IEC 20648:2016 [2018], Information technology - TLS specification for storage systems (identical national adoption of ISO/IEC 20648:2016): 9/11/2018

INCITS/ISO/IEC 24759:2017 [2018], Information technology - Security techniques - Test requirements for cryptographic modules (identical national adoption of INCITS/ISO/IEC 24759:2014 [2014] and revision of INCITS/ISO/IEC 24759:2014 [2014]): 9/11/2018

INCITS/ISO/IEC 27013:2015 [2018], Information technology - Security techniques - Guidance on the integrated implementation of ISO/IEC 27001 and ISO/IEC 20000-1 (identical national adoption of INCITS/ISO/IEC 27013:2012 [2014] and revision of INCITS/ISO/IEC 27013:2012 [2014]): 9/11/2018

INCITS/ISO/IEC 27042:2015 [2018], Information technology - Security techniques - Guidelines for the analysis and interpretation of digital evidence (identical national adoption of ISO/IEC 27042:2015): 9/11/2018

INCITS/ISO/IEC 29190:2015 [2018], Information technology - Security techniques - Privacy capability assessment model (identical national adoption of ISO/IEC 29190:2015): 9/11/2018

INCITS/ISO/IEC 40314:2016 [2018], Information technology - Mathematical Markup Language (MathML) Version 3.0 (identical national adoption of ISO/IEC 40314:2016): 9/11/2018

INCITS/ISO/IEC 18031:2011/COR 1:2014 [2018], Information technology - Security techniques - Random bit generation - Technical Corrigendum 1 (identical national adoption of ISO/IEC 18031:2011/COR 1:2014): 9/11/2018

INCITS/ISO/IEC 27001:2013/COR 2:2015 [2018], Information technology - Security techniques - Information security management systems - Requirements - Technical Corrigendum 2 (identical national adoption of ISO/IEC 27001:2013/COR 2:2015): 9/11/2018

INCITS/ISO/IEC 27002:2013/COR 1:2014 [2018], Information technology - Security techniques - Code of practice for information security controls - Technical Corrigendum 1 (identical national adoption of ISO/IEC 27002:2013/COR 1:2014): 9/11/2018

INCITS/ISO/IEC 27002:2013/COR 2:2015 [2018], Information technology - Security techniques - Code of practice for information security controls - Technical Corrigendum 2 (identical national adoption of ISO/IEC 27002:2013/COR 2:2015): 9/11/2018

NFPA (National Fire Protection Association)

Revision

ANSI/NFPA 13-2019, Standard for the Installation of Sprinkler Systems (revision of ANSI/NFPA 13-2015): 9/3/2018

ANSI/NFPA 13D-2019, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes (revision of ANSI/NFPA 13D-2015): 9/3/2018

ANSI/NFPA 72-2019, National Fire Alarm and Signaling Code (revision of ANSI/NFPA 72-2016): 9/3/2018

ANSI/NFPA 101A-2019, Guide on Alternative Approaches to Life Safety (revision of ANSI/NFPA 101A-2016): 9/3/2018

ANSI/NFPA 110-2019, Standard for Emergency and Standby Power Systems (revision of ANSI/NFPA 110-2016): 9/3/2018

ANSI/NFPA 241-2019, Standard for Safeguarding Construction, Alteration, and Demolition Operations (revision of ANSI/NFPA 241 -2013): 9/3/2018

ANSI/NFPA 289-2019, Standard Method of Fire Test for Individual Fuel Packages (revision of ANSI/NFPA 289-2013): 9/3/2018

ANSI/NFPA 400-2019, Hazardous Materials Code (revision of ANSI/NFPA 400-2016): 9/3/2018

ANSI/NFPA 1001-2019, Standard for Fire Fighter Professional Qualifications (revision of ANSI/NFPA 1001-2013): 9/3/2018

ANSI/NFPA 1730-2019, Standard on Organization and Deployment of Fire Prevention Inspection and Code Enforcement, Plan Review, Investigation, and Public Education Operations (revision of ANSI/NFPA 1730-2016): 9/3/2018

ANSI/NFPA 1981-2019, Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services (revision of ANSI/NFPA 1981-2013): 9/3/2018

Withdrawal

ANSI/NFPA 720-2012, Standard for the Installation of Carbon Monoxide (CO) Detection and Warning Equipment (withdrawal of ANSI/NFPA 720-2012): 9/4/2018

NSF (NSF International)

Revision

ANSI/NSF 173-2018 (i83r1), Dietary Supplements (revision of ANSI/NSF 173-2017): 9/9/2018

ANSI/NSF 350-2018 (i29r1), Onsite residential and commercial, water reuse treatment systems (revision of ANSI/NSF 350-2017a): 9/5/2018

ANSI/NSF 350-2018 (i31r1), Onsite residential and commercial, water reuse treatment systems (revision of ANSI/NSF 350-2017): 9/10/2018

ANSI/NSF 350-2018 (i34r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350 -2017a): 9/12/2018

UL (Underwriters Laboratories, Inc.)

Reaffirmation

ANSI/UL 2367-2009 (R2018), Solid State Overcurrent Protectors (reaffirmation of ANSI/UL 2367-2009 (R2014)): 9/11/2018

Revision

ANSI/UL 484-2018, Standard for Room Air Conditioners (revision of ANSI/UL 484-2016): 9/6/2018

ANSI/UL 2271-2018, Standard for Safety for Batteries for Use In Light Electric Vehicle (LEV) Applications (revision of ANSI/UL 2271 -2013): 9/5/2018

ANSI/UL 2271-2018a, Standard for Safety for Batteries for Use In Light Electric Vehicle (LEV) Applications (revision of ANSI/UL 2271 -2013): 9/5/2018

Project Initiation Notification System (PINS)

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

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

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

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 106-201x, Wildlife Forensic-Protein Serology Method for Taxonomic Identification. (new standard)

Stakeholders: Wildlife forensic practitioners using serology for taxonomic identification.

Project Need: This document addresses the need in wildlife forensics to have a method outlining taxonomic identification using serology. Specifically, this document addresses serology testing using isoelectric focusing on an enzyme system. It can be used in a number of capacities including electrophoresis, counter immunoelectrophoresis (CIEP) and isoelectric focusing (IEF).

This document addresses the protocols laboratories are required to have for general protein serology methods for taxonomic identification routinely used in the laboratory. These protocols include: Serology analysis methods routinely used in the laboratory, the validation process, reagents used, and analysis and interpretation of serology results generated in the laboratory. This document also covers the use of quality controls (positive, negative, and comparison samples) and the analysis of results if controls fail. The document explains how differences in expressed proteins can be used to identify animals at family and/or species level using a suite of serology methods.

AAMI (Association for the Advancement of Medical Instrumentation)

Contact: Jennifer Moyer, (703) 253-8274, jmoyer@aami.org
4301 N. Fairfax Drive, Suite 301, Suite 301, Arlington, VA 22203-1633

Addenda

BSR/AAMI/ISO 11737-1-201x/Amendment 1, Sterilization of health care products - Microbiological methods - Part 1: Determination of a population of microorganisms on products - Amendment 1 (addenda to ANSI/AAMI/ISO 11737-1-2018)

Stakeholders: Industry, test houses, regulators.

Project Need: The correction of formula B.1 is vital because it is unusable as it is now.

This amendment revises B.3.3.4 and corrects formula B.1.

ACI (American Concrete Institute)

Contact: Shannon Banchero, (248) 848-3728, shannon.banchero@concrete.org
38800 Country Club Drive, Farmington Hills, MI 48331

New Standard

BSR/ACI 216.1-201x, Code Requirements for Determining Fire Resistance of Concrete and Masonry Construction Assemblies (new standard)

Stakeholders: Structural engineers, contractors, licensed design professionals, architects.

Project Need: This standard contains designs and analytical procedures for determining fire resistance of concrete and masonry members that are not contained in other building codes.

Fire resistance of building elements is an important consideration in building design. While structural design considerations for concrete and masonry at ambient temperature conditions are addressed by ACI 318 and TMS 402/ACI 530/ASCE 5, respectively, these codes do not consider the impact of fire on concrete and masonry construction. This standard contains design and analytical procedures for determining the fire resistance of concrete and masonry members and building assemblies. Where differences occur in specific design requirements between this standard and ACI 318 and TMS 402/ACI 530/ASCE 5, as in the case of cover protection of steel reinforcement, the more stringent of the requirements shall apply.

BSR/ACI 562-201x, Code Requirements for Evaluation, Repair, and Rehabilitation of Concrete Buildings (ACI 562-XX) and Commentary (new standard)

Stakeholders: Structural engineers, contractors, licensed design professionals.

Project Need: The code provides minimum requirements for assessment, repair, and rehabilitation of existing structural concrete buildings, members, systems, and where applicable, nonbuilding structures. ACI 562-16 was specifically developed to work with the International Existing Building code (IEBC) or to be adopted as a stand-alone code.

ACI 562-16 "Code Requirements for Assessment, Repair and Rehabilitation of Existing Concrete Structures" was developed to provide design professionals involved in the assessment of existing concrete structures a code for the assessment of the damage and deterioration, and the design of appropriate repair and rehabilitation strategies. The code provides minimum requirements for assessment, repair, and rehabilitation of existing structural concrete buildings, members, systems, and where applicable, nonbuilding structures. ACI 562-16 was specifically developed to work with the International Existing Building code (IEBC) or to be adopted as a stand-alone code.

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

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

New Standard

BSR/APCO 1.119.1-201x, Public Safety Telecommunicator Critical Incident Stress Debriefing (CISD) Program (new standard)

Stakeholders: Public safety telecommunicators, public safety communications agencies, public safety communications management.

Project Need: Public Safety Telecommunicators (PST) handle life and death emergencies through rich audio content but limited visual cues. PSTs often experience a fight-or-flight response without proper release or relief. PSTs will soon view what is occurring with videos, live streaming, and photos, increasing the potential for PTSD and/or responses that impact the PSTs ability to perform their jobs. Agencies must update their Critical Incident Stress Debriefing programs to accommodate these challenges.

The health and well-being of Public Safety Telecommunicators (PST) requires a program to identify key signs and symptoms of a PST in need of a Critical Incident Stress Debriefing (CISD). PSTs will soon provide help by streaming video, through photos and text messages. The visual aspect brings a whole new set of challenges to an already stressful job. To assist agencies, this standard will provide the requirements for a CISD program specifically geared towards identifying and assisting PSTs.

APTech (ASC CGATS) (Association for Print Technologies)

Contact: Debra Orf, (703) 264-7200, dorf@aptech.org
1899 Preston White Drive, Reston, VA 20191

Revision

BSR CGATS.9-201x, Graphic technology - Graphic arts transmission densitometry measurements - Terminology, equations, image elements and procedures (revision of ANSI CGATS.9-2007 (R2012))

Stakeholders: Users of transmission densitometry in the measurement and communication of color image data.

Project Need: Two minor revisions including the deletion of a paragraph in the introduction which states that transmission densitometers are complicated and difficult to understand. It is agreed that users of this document are familiar with the instrument, therefore the paragraph is unnecessary. Secondly, the definition of visual response has been updated for better clarification.

This standard defines terminology, equations, process control elements, and procedures for measurement and communication of transmission densitometry data for graphic arts halftone images. Graphic arts includes, but is not limited to, the preparation of material for, and volume production by, production printing processes which include offset lithography, letterpress, flexography, gravure, and screen printing. Although this standard addresses halftone applications, there are situations where non-traditional halftones and/or continuous tone materials are used for which these computations are also appropriate.

ASME (American Society of Mechanical Engineers)

Contact: Mayra Santiago, (212) 591-8521, ansibox@asme.org
Two Park Avenue, New York, NY 10016-5990

Revision

BSR/ASME B29.26-201x, Fatigue Testing Power Transmission Roller Chain (revision of ANSI/ASME B29.26-2013)

Stakeholders: Users, manufacturers, and distributors of roller chains.

Project Need: Revisions for this document are necessary in order to match the changes to procedures within the industry and to maintain relevance.

The Standard covers fatigue testing, in axial tension, of power transmission roller chains in ASME B29.1 and ASME B29.100 and nonstandard variants of those chains.

ASPE (American Society of Plumbing Engineers)

Contact: Gretchen Pienta, (847) 296-0002, gpienta@aspe.org
6400 Shafer Court, Suite 350, Rosemont, IL 60018

New Standard

BSR/ASPE 83-201x, Plumbing System Design for the Reduction of Opportunistic Pathogen Growth (new standard)

Stakeholders: Plumbing engineers, plumbing system designers, inspectors, code officials, plumbing product manufacturers, building owners.

Project Need: A standard is needed that addresses the mitigation of opportunistic pathogens, including Legionella, in the design of premise plumbing systems. Existing standards such as ASHRAE 188 and NSF 444 address the management of plumbing systems or certify plumbing components to minimize the growth of Legionella, but none specifically address design requirements for the system.

The proposed standard will identify and establish the minimum design requirements to reduce the growth of opportunistic pathogens, such as Legionella, in plumbing systems. This standard will fill a void in current Legionella risk management standards regarding premise plumbing systems in commercial buildings by establishing minimum requirements regarding the design of such systems, including but not limited to specific types/thicknesses of pipe insulation, water velocities, number of sampling points, allowable dead legs, pipe materials/thicknesses, pipe and equipment sizing, and water temperatures and temperature maintenance procedures. Also, the standard will identify maintenance procedures for facilities management that should be incorporated into design concepts.

ASTM (ASTM International)

Contact: Laura Klineburger, (610) 832-9696, accreditation@astm.org
100 Barr Harbor Drive, West Conshohocken, PA 19428-2959

New Standard

BSR/ASTM WK65005-201x, New Test Method for Determining the Combustion Behavior of Upholstered Materials Assemblies (new standard)

Stakeholders: Smoke and Combustion Products industries.

Project Need: This new cone calorimeter application standard was developed by NIST to better model fire behavior of upholstered furniture assemblies. This is a vast improvement over the existing method for testing these assemblies, partly because it captures pool fire behavior. Users would be fire scientists and manufacturers conducting research and development.

This test method provides a means to measure the response of upholstery material assemblies exposed to controlled levels of radiant heating with or without an external ignitor accounting for the effects of a potential pool formation and ignition. This test method is used to determine the ignitability, heat release rate (including peak heat release rate and total heat released), mass loss rate, effective heat of combustion, visible smoke development, time to pool formation, and time to pool ignition of the specimen.

BSR/ASTM WK65021-201x, New Guide for Reliability Test Planning Guide (new standard)

Stakeholders: Reliability industries.

Project Need: Many companies use reliability testing as part of their validation/qualification processes. This standard will be useful to engineers, scientists, and others who need to design test plans to meet specified requirements.

This Guide covers key elements required for the planning of reliability tests applied to engineering materials and components. Included are non-parametric and parametric cases for selected widely used distributions.

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

Contact: Kyle Thompson, (909) 230-5534, kyle.thompson@iapmostandards.org
5001 East Philadelphia Street, Ontario, CA 91761

New Standard

BSR/IAPMO Z1167-201x, Solid Waste Containment Interceptors (new standard)

Stakeholders: Manufacturers, users, inspectors, distributors, designers, and contractors.

Project Need: Needed for testing and certification purposes.

This Standard covers solid waste containment interceptors intended for specialty uses including dental offices, medical offices, laundry applications, and testing laboratories and specifies requirements for materials, physical characteristics, performance testing, and markings.

BSR/IAPMO Z1355-201x, Fats Oils and Grease Best Managment Practices (new standard)

Stakeholders: Manufacturers, users, inspectors, distributors, designers, businesses, contractors and building owners.

Project Need: Needed to establish an effective, uniform approach to fats oils and grease best management practices.

This Standard covers fats oils and grease best management practices intended to establish a uniform systematic approach for use in residential, commercial, industrial, or institutional food preparation or other amenities that require a FOG management program.

INMM (ASC N14) (Institute of Nuclear Materials Management)

Contact: Ronald Natali, (435) 258-3730, rbnatali@gmail.com
P.O. Box 2008, MS 6495, Oak Ridge National Laboratory, Oak Ridge, TN 37831-6495

Revision

BSR N14.5-201x, Leakage Tests on Packages for Shipment (revision of ANSI N14.5-2014)

Stakeholders: Organizations both Government and Private Industry that ship NRC- and/or DOE-regulated materials in packaging that requires leak testing.

Project Need: Bring the N14.5-2014 standard to current regulatory requirements.

This Standard specifies methods for demonstrating that Type B packages designed for transport of normal form radioactive material comply with the containment requirements of Title 10 of the Code of Federal Regulations Part 71 (10 CFR Part 71). This Standard also describes: package release limits, methods for relating package release limits to allowable and reference leakage rates, and minimum requirements for leakage rate test procedures. This standard is not being considered as an ISO, IEC, or ISO/IEC JCT-1 Standard.

LES (Licensing Executives Society (U.S. and Canada))

Contact: Kelli Baxter, (703) 234-4088, kbaxter@les.org
12100 Sunset Hills Road, Suite 130, Reston, VA 20190

New Standard

BSR/IPMESE 9.18-201x, Intellectual Property Management for Early Stage Enterprises (new standard)

Stakeholders: Start-up companies in all industry sectors; holders of intellectual property rights; investors in early-stage enterprises, such as angel investors and venture capital funds; financial advisors, such as investment bankers; businesses seeking to acquire early-stage enterprises.

Project Need: Intellectual property represents a significant and growing segment of the economy of the United States. Early-stage enterprises are at the forefront of creating and commercializing new technologies and creating new jobs. As such enterprises often are focused on developing and preparing to market new products or services or on raising capital, intellectual property management issues are often given insufficient attention. This lack of attention can result in the loss of valuable intellectual property rights and/or the inadvertent infringement of the intellectual property rights of others. These risks, in turn, can result in the reduction of enterprise value, for example, when such enterprises are seeking investments of growth capital or are being acquired by another entity. Moreover, these risks can exist with respect to all of the traditional classes of intellectual property, i.e., patents, trademarks, trade secrets, and copyrights. An intellectual property management standard tailored for early-stage enterprises will significantly facilitate the ability to secure intellectual property rights, reduce the risk of infringement, and enhance the economic value of those enterprises that conform to the standard.

This standard prescribes the business processes and conduct to be adopted and implemented by early-stage enterprises for securing intellectual property rights and reducing the risk of infringement of the intellectual property rights of others.

American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provides two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.7.1) and continuous maintenance (see clause 4.7.2). Continuous maintenance is defined as follows:

The standard shall be maintained by an accredited standards developer. A documented program for periodic publication of revisions shall be established by the standards developer. Processing of these revisions shall be in accordance with these procedures. The published standard shall include a clear statement of the intent to consider requests for change and information on the submittal of such requests. Procedures shall be established for timely, documented consensus action on each request for change and no portion of the standard shall be excluded from the revision process. In the event that no revisions are issued for a period of four years, action to reaffirm or withdraw the standard shall be taken in accordance with the procedures contained in the ANSI Essential Requirements.

The Executive Standards Council (ExSC) has determined that for standards maintained under the Continuous Maintenance option, separate PINS announcements are not required. The following ANSI Accredited Standards Developers have formally registered standards under the Continuous Maintenance option

- **AAMI (Association for the Advancement of Medical Instrumentation)**
- **AARST (American Association of Radon Scientists and Technologists)**
- **AGA (American Gas Association)**
- **AGSC-AGRSS (Auto Glass Safety Council)**
- **ASC X9 (Accredited Standards Committee X9, Incorporated)**
- **ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**
- **ASME (American Society of Mechanical Engineers)**
- **ASTM (ASTM International)**
- **GBI (Green Building Initiative)**
- **HL7 (Health Level Seven)**
- **IES (Illuminating Engineering Society)**
- **ITI (InterNational Committee for Information Technology Standards)**
- **MHI (Material Handling Industry)**
- **NAHBRC (NAHB Research Center, Inc.)**
- **NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)**
- **NCPDP (National Council for Prescription Drug Programs)**
- **NEMA (National Electrical Manufacturers Association)**
- **NISO (National Information Standards Organization)**
- **NSF (NSF International)**
- **PRCA (Professional Ropes Course Association)**
- **RESNET (Residential Energy Services Network, Inc.)**
- **SAE (SAE International)**
- **TCNA (Tile Council of North America)**
- **TIA (Telecommunications Industry Association)**
- **UL (Underwriters Laboratories, Inc.)**

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit ANSI Online at www.ansi.org/asd, select “Standards Activities,” click on “Public Review and Comment” and “American National Standards Maintained Under Continuous Maintenance.” This information is also available directly at www.ansi.org/publicreview

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

ANSI-Accredited Standards Developers Contact Information

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

AAFS
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Association for the Advancement of Medical Instrumentation
4301 N. Fairfax Drive, Suite 301
Suite 301
Arlington, VA 22203-1633
Phone: (703) 253-8274
Web: www.aami.org

ACI
American Concrete Institute
38800 Country Club Drive
Farmington Hills, MI 48331
Phone: (248) 848-3728
Web: www.concrete.org

ACMA
American Composites Manufacturers Association
3033 Wilson Boulevard, Suite 420
Arlington, VA 22201
Phone: (740) 928-3286
Web: www.icpa-hq.org

AGA (ASC Z380)
American Gas Association
400 North Capitol Street, NW
Washington, DC 20001
Phone: (202) 824-7183
Web: www.aga.org

APCO
Association of Public-Safety Communications Officials-International
351 N. Williamson Boulevard
Daytona Beach, FL 32114
Phone: (920) 579-1153
Web: www.apcoIntl.org

APTech (ASC CGATS)
Association for Print Technologies
1899 Preston White Drive
Reston, VA 20191
Phone: (703) 264-7200
Web: www.printtechnologies.org

ASA (ASC S2)
Acoustical Society of America
1305 Walt Whitman Road
Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Web: www.acousticalsociety.org

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

ASME
American Society of Mechanical Engineers
Two Park Avenue
New York, NY 10016-5990
Phone: (212) 591-8521
Web: www.asme.org

ASPE
American Society of Plumbing Engineers
6400 Shafer Court
Suite 350
Rosemont, IL 60018
Phone: (847) 296-0002
Web: www.aspe.org

ASSP (Safety)
American Society of Safety Professionals
520 N. Northwest Highway
Park Ridge, IL 60068
Phone: (847) 232-2012
Web: www.assp.org

ASTM
ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9696
Web: www.astm.org

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

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

ESTA
Entertainment Services and Technology Association
630 Ninth Avenue
Suite 609
New York, NY 10036-3748
Phone: (212) 244-1505
Web: www.esta.org

HL7
Health Level Seven
3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104
Phone: (734) 677-7777
Web: www.hl7.org

HPS (ASC N13)
Health Physics Society
1313 Dolley Madison Blvd #402
McLean, VA 22101
Phone: (703) 790-1745
Web: www.hps.org

IAPMO (Z)
International Association of Plumbing & Mechanical Officials
5001 East Philadelphia Street
Ontario, CA 91761
Phone: (909) 230-5534
Web: www.iapmort.org

IEEE
Institute of Electrical and Electronics Engineers
445 Hoes Lane
Piscataway, NJ 08854
Phone: (732) 562-3854
Web: www.ieee.org

IES
Illuminating Engineering Society
120 Wall Street, Floor 17
New York, NY 10005
Phone: (917) 913-0027
Web: www.ies.org

INMM (ASC N14)
Institute of Nuclear Materials Management
P.O. Box 2008, MS 6495
Oak Ridge National Laboratory
Oak Ridge, TN 37831-6495
Phone: (435) 258-3730
Web: www.inmm.org

ISA (Organization)
International Society of Automation
67 Alexander Drive
P O Box 12277
Research Triangle Pk, NC 27709
Phone: (919) 990-9257
Web: www.isa.org

ITI (INCITS)
InterNational Committee for Information Technology Standards
1101 K Street NW
Suite 610
Washington, DC 20005
Phone: (202) 737-8888
Web: www.incits.org

LES
Licensing Executives Society (U.S. and Canada)
12100 Sunset Hills Road
Suite 130
Reston, VA 20190
Phone: (703) 234-4088
Web: www.les.org

MHI
Material Handling Industry
8720 Red Oak Boulevard
Suite 201
Charlotte, NC 28217
Phone: (704) 714-8755
Web: www.mhi.org

NECA
National Electrical Contractors Association
3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
Phone: (301) 215-4549
Web: www.neca-neis.org

NEMA (ASC C136)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (778) 386-9190
Web: www.nema.org

NEMA (ASC C8)
National Electrical Manufacturers Association
1300 North 17th Street
Rosslyn, VA 22209
Phone: (703) 841-3278
Web: www.nema.org

NEMA (Canvass)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3227
Web: www.nema.org

NFPA
National Fire Protection Association

One Batterymarch Park
Quincy, MA 02169
Phone: (617) 984-7246

Web: www.nfpa.org

NSF
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 418-6660

Web: www.nsf.org

SCTE
Society of Cable Telecommunications Engineers

140 Philips Rd
Exton, PA 19341
Phone: (800) 542-5040

Web: www.scte.org

TIA
Telecommunications Industry Association

1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7706

Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

12 Laboratory Drive
Research Triangle Park, NC 27709
-3995
Phone: (919) 549-1636

Web: www.ul.com

VC (ASC Z80)
The Vision Council

225 Reinekers Lane
Alexandria, VA 22314
Phone: 585-387-9913

Web: www.z80asc.com

ISO & IEC Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org); comments on ISO documents must be submitted electronically in the approved ISO template and as a Word document as other formats will not be accepted.

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

Ordering Instructions

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

ISO Standards

ACOUSTICS (TC 43)

ISO/DIS 20270, Acoustics - Characterization of sources of structure-borne sound and vibration - Indirect measurement of blocked forces - 11/29/2018, $107.00

ISO/DIS 21388, Hearing aid fitting management (HAFM) - 11/30/2018, $112.00

ANALYSIS OF GASES (TC 158)

ISO/DIS 6145-1, Gas analysis - Preparation of calibration gas mixtures using dynamic methods - Part 1: General aspects - 10/6/2018, $88.00

BIOTECHNOLOGY (TC 276)

ISO/DIS 20395-1, Biotechnology - Requirements for evaluating the performance of quantification methods for nucleic acid target sequences - Part 1: qPCR and dPCR - 10/8/2018, $119.00

CORROSION OF METALS AND ALLOYS (TC 156)

ISO/DIS 22426, Assessment of the effectiveness of cathodic protection based on coupon measurements - 12/7/2018, $88.00

CRYOGENIC VESSELS (TC 220)

ISO/DIS 21014, Cryogenic vessels - Cryogenic insulation performance - 11/29/2018, $67.00

ERGONOMICS (TC 159)

ISO/DIS 25065, Systems and software engineering - Software product Quality Requirements and Evaluation (SQuaRE) - Common Industry Format (CIF) for Usability: User requirements specification - 10/6/2018, $88.00

FERTILIZERS AND SOIL CONDITIONERS (TC 134)

ISO/DIS 19747, Fertilizers and soil conditioners - Determination of monosilicic acid concentrations in nonliquid fertilizer materials - 10/5/2018, $53.00

GEOSYNTHETICS (TC 221)

ISO/DIS 12960, Geotextiles and geotextile-related products - Screening test method for determining the resistance to acid and alkaline liquids - 11/30/2018, $40.00

GLASS CONTAINERS (TC 63)

ISO/DIS 12822, Glass packaging - 26 H 126 crown finish - Dimensions - 10/6/2018, $40.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/DIS 19301, Graphic technology - Guidelines for schema writers - Template for colour quality management - 10/7/2018, $67.00

GRAPHICAL SYMBOLS (TC 145)

ISO 7010/DAmd240, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 240: Safety sign P068: Do not expose to direct sunlight or hot surface - 10/7/2018, $29.00

ISO 7010/DAmd241, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 241: Safety sign P069: Not to be serviced by users - 10/7/2018, $29.00

ISO 7010/DAmd242, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 242: Safety sign P070: Do not put finger into the nozzle of a hydromassage - 10/7/2018, $29.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 15704, Enterprise modelling and architecture - Requirements for enterprise-reference architectures and methodologies - 10/4/2018, $146.00

ISO/DIS 16300-2, Automation systems and integration - Interoperability of capability units for manufacturing application solutions - Part 2: Capability templates and software unit cataloguing - 10/4/2018, $62.00

ISO/DIS 20140-1, Automation systems and integration - Evaluating energy efficiency and other factors of manufacturing systems that influence the environment - Part 1: Overview and general principles - 10/4/2018, $58.00

ISO/DIS 15926-10, Industrial automation systems and integration - Integration of life cycle data for process plants including oil and gas production facilities - Part 10: Conformance testing - 12/2/2018, $107.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO/DIS 20674-1, Information and documentation - Transliteration of scripts in use in Thailand - Part 1: Transliteration of Akson-Thai-Noi - 10/8/2018, $82.00

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

ISO/DIS 3183, Petroleum and natural gas industries - Steel pipe for pipeline transportation systems - 11/19/2018, $82.00

ISO/DIS 15590-4, Petroleum and natural gas industries - Bends, fittings and flanges for pipeline transportation systems - Part 4: Factory cold bends - 11/30/2018, $98.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 14830-1, Condition monitoring and diagnostics of machines - Tribology-based monitoring and diagnostics - Part 1: General guidelines - 11/6/2002, $119.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 18589-1, Measurement of radioactivity in the environment - Soil - Part 1: General guidelines and definitions - 10/8/2018, $67.00

ISO/DIS 18589-4, Measurement of radioactivity in the environment - Soil - Part 4: Plutonium 238 and plutonium 239 + 240 - Test method using alpha spectrometry - 10/7/2018, $82.00

ISO/DIS 18589-6, Measurement of radioactivity in the environment - Soil - Part 6: Gross alpha and gross beta activities - Test method using gas-flow proportional counting - 10/7/2018, $58.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 11551, Optics and photonics - Lasers and laser-related equipment - Test method for absorptance of optical laser components - 12/7/2018, $67.00

OTHER

ISO/DIS 24497-1, Non-destructive testing - Metal magnetic memory - Part 1: Vocabulary and general requirements - 11/30/2018, $67.00

ISO/DIS 24497-2, Non-destructive testing - Metal magnetic memory - Part 2: Inspection of welded joints - 11/30/2018, $53.00

PAINTS AND VARNISHES (TC 35)

ISO/DIS 6504-3, Paints and varnishes - Determination of hiding power - Part 3: Determination of hiding power of paints for masonry and concrete - 10/5/2018, $77.00

PHOTOGRAPHY (TC 42)

ISO/DIS 20954-1, Digital cameras - Measurement for image stabilization performance - Part 1: Optical systems - 10/7/2018, $107.00

PLASTICS (TC 61)

ISO/DIS 294-3, Plastics - Injection moulding of test specimens of thermoplastic materials - Part 3: Small plates - 12/2/2018, $53.00

ROAD VEHICLES (TC 22)

ISO/DIS 15118-2, Road vehicles - Vehicle to grid communication interface - Part 2: Network and application protocol requirements - 10/4/2018, $291.00

ISO/DIS 21755-2, Motorcycles - Measurement method for evaporative emissions - Part 2: Measurement method by using permeation test procedure - 12/2/2018, $58.00

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

ISO/DIS 4778, Chain slings of welded construction - Grades M(4)) and T(8) - 11/13/2028, $88.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 19898, Ships and marine technology - Life-saving appliances and arrangements - Means of recovery of persons - 10/5/2018, $62.00

ISO/DIS 20083-2, Ships and marine technology - Shaft power measurement for ship propulsion system - Part 2: Optical reflection method - 10/5/2018, $53.00

ISO/DIS 20083-3, Ships and marine technology - Shaft power measurement for ship propulsion system - Part 3: Elastic vibration method - 10/4/2018, $46.00

SMALL CRAFT (TC 188)

ISO/DIS 25197, Small craft - Electrical/electronic control system for steering, shift and throttle - 11/30/2018, $82.00

SOLID BIOFUELS (TC 238)

ISO 14780/DAmd1, Solid biofuels - Sample preparation - Amendment 1 - 10/5/2018, $29.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO/DIS 20579-3, Surface chemical analysis - Sample handling, preparation and mounting - Part 3: Biomaterials - 11/29/2018, $58.00

TIMBER (TC 218)

ISO/DIS 3129, Wood - Sampling methods and general requirements for physical and mechanical testing of small clear wood specimens - Complementary element - 10/4/2018, $46.00

TIMBER STRUCTURES (TC 165)

ISO/DIS 8970, Timber structures - Testing of joints made with mechanical fasteners - Requirements for timber density - 10/6/2018, $46.00

ISO/DIS 19993, Timber structures - Glued laminated timber - Face and edge joint cleavage test - 10/4/2018, $46.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 15003, Agricultural engineering - Electrical and electronic equipment - Testing resistance to environmental conditions - 12/3/2018, $88.00

ISO/DIS 6489-5, Agricultural vehicles - Mechanical connections between towed and towing vehicles - Part 5: Specifications for non-swivel clevis couplings - 10/6/2018, $40.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO/DIS 18615, Traditional Chinese medicine - General requirements of electric radial pulse tonometric device - 11/30/2018, $58.00

ISO/DIS 21291, Traditional Chinese medicine -Therapeutic fumigation devices - 10/4/2018, $46.00

VALVES (TC 153)

ISO/DIS 22153, Electric actuators for industrial valves - General requirements - 10/5/2018, $82.00

WATER QUALITY (TC 147)

ISO/DIS 17995, Water quality - Detection and enumeration of thermotolerant Campylobacter spp. - 12/9/2026, $88.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 33020/DAmd1, Information technology - Process assessment - Process measurement framework for assessment of process capability - Amendment 1 - 10/4/2018, $112.00

ISO/IEC DIS 7816-8, Identification cards - Integrated circuit cards - Part 8: Commands and mechanisms for security operations - 12/1/2018, $107.00

IEC Standards

1/2365/CDV, IEC 60050-826 ED3: International Electrotechnical Vocabulary - Part 826: Electrical installations, 2018/12/7

3D/317(F)/CDV, IEC 62656-8 ED1: Standardized product ontology register and transfer by data parcels - Part 8: Web service interface for data parcels, /2018/11/3

5/208/CD, IEC 60953-0 ED1: Rules for steam turbine thermal acceptance tests - Part 0: Wide range of accuracy for various types and sizes of turbines, 2018/12/7

21/974/FDIS, IEC 60095-1 ED8: Lead-acid starter batteries - Part 1: General requirements and methods of test, /2018/10/2

21/976/FDIS, IEC 62660-2 ED2: Secondary lithium-ion cells for the propulsion of electric road vehicles - Part 2: Reliability and abuse testing, /2018/10/2

21/975/FDIS, IEC 62660-1 ED2: Secondary lithium-ion cells for the propulsion of electric road vehicles - Part 1: Performance testing, /2018/10/2

23/801/CD, IEC 63044-6-1 ED1: General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 6: Requirements for planning and installation, 2018/12/7

23J/450/FDIS, IEC 61058-2-6 ED2: Switches for appliances - Part 2-6: Particular requirements for switches used in electric motor-operated hand-held tools, transportable tools and lawn and garden machinery, /2018/10/2

34A/2116/NP, PNW 34A-2116: Organic Light Emitting Diode (OLED) for general lighting - Safety - Part 2-3: Particular requirements for flexible OLED tiles and panels, 2018/12/7

45A/1219/CDV, IEC 62645 ED2: Nuclear power plants - Instrumentation and control systems - Cybersecurity requirements, 2018/12/7

46/703/NP, PNW 46-703: Passive RF and microwave devices, Intermodulation level measurement - Part 7: Field measurements of passive intermodulation, 2018/12/7

47A/1062/FDIS, IEC 61967-1 ED2: Integrated circuits - Measurement of electromagnetic emissions - Part 1: General conditions and definitions, /2018/10/2

47A/1061/FDIS, IEC 63011-2 ED1: Integrated circuits - Three dimensional integrated circuits - Part 2: Alignment of stacked dies having fine pitch interconnect, /2018/10/2

47A/1060/FDIS, IEC 63011-1 ED1: Integrated circuits - Three dimensional integrated circuits - Part 1: Terminology, /2018/10/2

55/1703/CDV, IEC 60317-23/AMD1 ED3: Specifications for particular types of winding wires - Part 23: Solderable polyesterimide enamelled round copper wire, class 180, 2018/12/7

57/2046/DC, Revision of IEC 61970-452 ED3: Energy Management System Application Program Interface (EMS-API) - Part 452: CIM static transmission network model profiles, /2018/10/2

62D/1630/CD, ISO 80601-2-13 ED2: Medical electrical equipment - Part 2-13: Particular requirements for basic safety and essential performance of an anaesthetic workstation, 2018/12/7

64/2305(F)/CDV, IEC 60364-7-701 ED3: Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower, /2018/11/3

64/2306(F)/CDV, IEC 60364-7-706/AMD1 ED2: Low-voltage electrical installations - Part 7-706: Requirements for special installations or locations - Conducting locations with restricted movement, /2018/11/3

64/2346/CD, IEC 60364-7-720 ED1: Part 7-720: Requirements for special installations or locations - DC power supply system in the data centre, 2018/12/7

65B/1129/DTS, IEC TS 63144 ED1: Industrial Process Control Devices -Thermographic Imagers - Metrological Characterization and Calibration of Thermographic Imagers, 2018/12/7

69/623/CD, IEC 61851-23-1 ED1: Electric vehicle conductive charging system - Part 23-1: DC electric vehicle charging station with an automated connection device, 2018/12/7

82/1473/DTS, IEC TS 62257-9-7 ED1: Recommendations for renewable energy and hybrid systems for rural electrification - Part 9 -7: Selection of inverters, 2018/12/7

82/1477/DTS, IEC TS 62257-7-4 ED1: Recommendations for renewable energy and hybrid systems for rural electrification - Part 7 -4: Generators - Integration of solar with other forms of power generation within hybrid power systems, 2018/12/7

87/701/CD, IEC TS 63081 ED1: Ultrasonics - Methods for the characterisation of the ultrasonic properties of materials, 2018/12/7

87/699/CDV, IEC 61828 ED2: Ultrasonics - Focusing transducers - Definitions and measurement methods for the transmitted fields, 2018/12/7

113/439/NP, PNW 113-439: Nanotechnology for electrotechnical products and systems - Part xxx: Band gap energy measurement of nanomaterial, 2018/12/7

114/285/DTS, IEC TS 62600-301 ED1: Marine energy - Wave, tidal and other water current converters - Part 301: River energy resource assessment, 2018/12/7

114/286/DTS, IEC TS 62600-20 ED1: Marine energy - Wave, tidal, and other water current converters - Part 20: General guidance for design and analysis of an Ocean Thermal Energy Conversion (OTEC) plant, 2018/12/7

114/284/DTS, IEC TS 62600-300 ED1: Marine energy - Wave, tidal and other water current converters - Part 300: Electricity producing river energy converters - Power performance assessment, 2018/12/7

120/132/CD, IEC 62933-5-2 ED1: Electrical energy storage (EES) systems Part 5-2: Safety requirements for grid integrated EES systems - Electrochemical based systems, 2018/11/9

121A/243/CD, IEC TR 63216 ED1: Low-voltage switchgear and controlgear - Electromagnetic compatibility assessment for switchgear and controlgear and their assemblies, 2018/12/7

SyCSmartCities/55/CD, IEC 63152 ED1: Smart Cities - City Service Continuity against disasters - The role of the electrical supply, 2018/11/9

JTC1-SC41/62/FDIS, ISO/IEC 20924 ED1: Internet of Things (IoT) - Vocabulary, 2018/11/9

Newly Published ISO & IEC Standards

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

ISO Standards

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 20894:2018, Aircraft - LED based taxiing lightsystem - General requirements, $68.00

BUILDING CONSTRUCTION MACHINERY AND EQUIPMENT (TC 195)

ISO 15645:2018, Road construction and maintenance equipment - Road milling machinery - Terminology and commercial specifications, $68.00

BUILDING ENVIRONMENT DESIGN (TC 205)

ISO 11855-6:2018, Building environment design - Design, dimensioning, installation and control of embedded radiant heating and cooling systems - Part 6: Control, $103.00

EARTH-MOVING MACHINERY (TC 127)

ISO 19014-3:2018, Earth-moving machinery - Functional safety - Part 3: Environmental performance and test requirements of electronic and electrical components used in safety-related parts of the control system, $68.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO 8000-62:2018, Data quality - Part 62: Data quality management: Organizational process maturity assessment: Application of standards relating to process assessment, $138.00

PAINTS AND VARNISHES (TC 35)

ISO 16053:2018, Paints and varnishes - Coating materials and coating systems for exterior wood - Natural weathering test, $138.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO 22610:2018, Surgical drapes, gowns and clean air suits, used as medical devices, for patients, clinical staff and equipment - Test method to determine the resistance to wet bacterial penetration, $138.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 6802:2018, Rubber or plastics hoses and hose assemblies - Hydraulic impulse test with flexing, $68.00

TIMBER STRUCTURES (TC 165)

ISO 19624:2018, Bamboo structures - Grading of bamboo culms - Basic principles and procedures, $138.00

TYRES, RIMS AND VALVES (TC 31)

ISO 18885-2:2018, TPMS snap-in valves - Part 2: Valve environment, $45.00

ISO Technical Reports

GAS CYLINDERS (TC 58)

ISO/TR 13086-3:2018, Gas cylinders - Guidance for design of composite cylinders - Part 3: Calculation of stress ratios, $138.00

PLAIN BEARINGS (TC 123)

ISO/TR 21784:2018, Plain bearings - Spray nozzle type directed lubrication for tilting pad bearings, $68.00

PLASTICS (TC 61)

ISO/TR 10093:2018, Plastics - Fire tests - Standard ignition sources, $185.00

ROAD VEHICLES (TC 22)

ISO/TR 23049:2018, Road Vehicles - Ergonomic aspects of external visual communication from automated vehicles to other road users, $68.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 20000-1:2018, Information technology - Service management - Part 1: Service management system requirements, $162.00

ISO/IEC 20000-10:2018, Information technology - Service management - Part 10: Concepts and vocabulary, $162.00

IEC Standards

ELECTRICAL ACCESSORIES (TC 23)

IEC 62752 Amd.1 Ed. 1.0 b:2018, Amendment 1 - In-cable control and protection device for mode 2 charging of electric road vehicles (IC-CPD), $82.00

IEC 62752 Ed. 1.1 b:2018, In-cable control and protection device for mode 2 charging of electric road vehicles (IC-CPD), $645.00

PERFORMANCE OF HOUSEHOLD ELECTRICAL APPLIANCES (TC 59)

IEC/ASTM 62885-6 Ed. 1.0 b:2018, Surface cleaning appliances - Part 6: Wet hard floor cleaning appliances for household or similar use - Methods for measuring the performance, $235.00

SURFACE MOUNTING TECHNOLOGY (TC 91)

IEC 61191-1 Ed. 3.0 b:2018, Printed board assemblies - Part 1: Generic specification - Requirements for soldered electrical and electronic assemblies using surface mount and related assembly technologies, $281.00

S+ IEC 61191-1 Ed. 3.0 en:2018 (Redline version), Printed board assemblies - Part 1: Generic specification - Requirements for soldered electrical and electronic assemblies using surface mount and related assembly technologies, $366.00

Proposed Foreign Government Regulations

Call for Comment

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

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

To register for Notify U.S., please visit http://www.nist.gov/notifyus/.

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

For further information about the USA TBT Inquiry Point, please visit: https://www.nist.gov/standardsgov/what-we-do/trade-regulatory-programs/usa-wto-tbt-inquiry-point

Contact the USA TBT Inquiry Point at:(301) 975-2918; Fax: (301) 926-1559; E-mail: usatbtep@nist.gov or notifyus@nist.gov.

Information Concerning

American National Standards

Call for Members

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

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

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

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

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

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

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Approval of Reaccreditation

AMC Institute (AMCI)

The reaccreditation of the AMC Institute (AMCI), an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on AMCI-sponsored American National Standards, effective September 18, 2018. For additional information, please contact: Ms. Eric Carter, Associate Executive Director, AMC Institute, 1940 Duke Street, Suite 200, Alexandria, VA 22314; phone: 703.570.8954; e-mail: ecarter@amcinstitute.org.

Transfer of ANS Maintenance

ANSI/NSF WSC PST 2000-2016, WSC Standard for Pressurized Water Storage Tank

NSF International has transferred maintenance of the following approved ANS to ASSE International Chapter of IAPMO:

ANSI/NSF WSC PST 2000-2016, WSC Standard for Pressurized Water Storage Tank (revision of ANSI/NSF WSC PST 2000-2014), Approved: 3/27/2016

The effective date of this transfer is September 11, 2018. The main contact information for both organizations are below.

Jessica Evans, NSF International, jevans@nsf.org

Conrad Jahrling, ASSE International, conrad.jahrling@asse-plumbing.org

Withdrawal of ASD Accreditation

TUV Rheinland of North America Photovoltaic Testing Laboratory (TUV-R)

TUV Rheinland of North America Photovoltaic Testing Laboratory (TUV-R) has requested the formal withdrawal of its ANSI accreditation as a developer of American National Standards (ANS). TUV-R currently maintains no ANS.

This action is taken, effective September 19, 2018. For additional information, please contact: Mr. Dan Sullivan, Sr. Manager, Accreditation and Certification, Business Stream – Products, TUV Rheinland of North America, Inc., 12 Commerce Road, Newtown, CT 06470; phone: 203.426.0888, ext. 4121; e-mail: dsullivan@us.tuv.com.

International Organization for Standardization

Establishment of ISO Project Committee

ISO/PC 320 – Tableware, Giftware, Jewellery, Luminaries – Glass Clarity – Classification and Test Method

A new ISO Project Committee, ISO/PC 320 - Tableware, giftware, jewellery, luminaries - Glass clarity - Classification and test method, has been formed. The Secretariat has been assigned to France (AFNOR).

ISO/PC 320 operates under the following scope:

> Standardization in the field of tableware, giftware, jewellery, luminaries - Glass clarity - Classification and test method.

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

ISO Proposal for a New Field of ISO Technical Activity

Sharing Economy

Comment Deadline: October 19, 2018

JISC, the ISO member body for Japan, has submitted to ISO a proposal for a new field of ISO technical activity on Sharing Economy, with the following scope statement:

> Standardization in the field of sharing economy.
>
> Excluded: Technical aspects of information security or risk management guidelines already covered by ISO/IEC JTC 1/SC27 and ISO/TC 262, respectively.

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, October 19.

Meeting Notices

Accredited Standards Committee (ASC) B109 Standards B109.1, B109.2, B109.3, and B109.4

> Meeting Date: October 22, 2018; 8:00 AM – 4:00 PM CST
>
> Meeting Location: Omni Forth Worth Hotel, 1300 Houston Street, Fort Worth, Texas (Teleconference information available upon request)
>
> Purpose: This is the annual ANSI B109 meeting. Updates will be given for each of the B109 standards. Breakout sessions for B109.1, B109.2, B109.3, and B109.4 will follow the main meeting.

Please register on line at www.aga.org. For more information, contact Jeff Meyers, jmeyers@aga.org.

The American Society of Safety Professionals (ASSP)

The American Society of Safety Professionals (ASSP) serves as the secretariat of the ANSI Z9 Committee for Ventilation Systems. The next meeting of the Z9 Committee will take place on November 14, 2018 via a conference call. Those interested in participating can contact ASSP for additional information at OMunteanu@assp.org.

Green Building Initiative – GBI 01-201x Consensus Body

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

> Friday, September 28, 2018 from 11:00 AM ET to 1:00 PM ET.

The purpose for these teleconferences is for the Consensus Body members to address negative reasons 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 and Sara Rademacher.

To attend, and for additional information, please contact: the Secretariat for Green Building Initiative: Maria Woodbury, Maria@thegbi.org and Sara Rademacher, Sara@thegbi.org.

Information Concerning

Call for Members

BOMA International

BOMA International has initiated the process of revising its Gross Areas measurement standard, “Gross Areas of a Building: Standard Methods of Measurement (ANSI/BOMA Z65.3-2009)” and is seeking volunteers to serve on its Canvass Committee. The balloting will begin October 5 and conclude 45 days following the initiation of the process. While we welcome all interest categories, we are specifically seeking “Users” and “General Interest” volunteers. Users include those who use space within a commercial building including tenants, tenant brokers, agents, floor measurement professionals, architects and interior designers as well as others who are in the contractual employ of tenants. General Interest includes all firms and individuals that do not have a direct alignment in the business interests of producers or users. Such firms or individuals may include management companies, facility managers, appraisers, architects and other design professionals, general contractors, design-builders, construction managers, and project estimators who have a general interest in floor measurement standards for office buildings. Please contact Tanner Johnston at tjohnston@boma.org or 202-326-6357 if you are interested and for a copy of the pre-canvass interest survey. Surveys must be submitted prior to October 5.

Information Concerning

International Organization for Standardization (ISO)

Establishment of ISO Technical Committee

ISO/TC 321 – Transaction Assurance in E-Commerce

A new ISO Technical Committee, ISO/TC 321 – *Transaction assurance in E-commerce*, has been formed. The Secretariat has been assigned to China (SAC).

ISO/TC 321 operates under the following scope:

Standardization in the field of "transaction assurance and upstream/downstream directly related processes in e-commerce", including the following:

- The assurance of transaction process in e-commerce (including easier access to e-platforms and e-stores);
- The protection of online consumer rights including both prevention of online disputes and resolution process;
- The interoperability and admissibility of commodity quality inspection result in cross-border e-commerce.
- The assurance of e-commerce delivery to the final consumer.

Excluded:

- Management system standards already covered by ISO/TC 176;
- Authenticity, integrity and trust for products and documents standards already covered by ISO/TC 292/WG4;
- Guidelines on consumer warranties and guarantees standards already covered by ISO/PC 303;
- Meta-standards of information interchange standards already covered by ISO/TC 154;
- Cross-border trade of second-hand goods standards already covered by ISO/PC 245;
- Brand evaluation standards already covered by ISO/TC 289;
- Online reputation standards already covered by ISO/TC 290;
- Financial services standards already covered by ISO/TC 68;
- Identity management standards already covered by ISO/IEC/JTC 1/SC 27/WG 5;
- Meta-standards of data management and interchange already covered by ISO/IEC/JTC 1/SC 32;
- Biometrics standards already covered by ISO/IEC/JTC 1/SC 37.

Since the payment and security of the transaction are very important in e-commerce, the proposed new technical committee will cooperate with ISO/TC 68 (Financial services), ISO/IEC/JTC1/SC 27 (IT Security techniques) and other TC via a liaison membership. If request for developing new standards for e-commerce in those TCs arose, the proposed new TC would work with them to develop the needed standards."

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

Information Concerning

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

TC 107 – *Metallic and other inorganic coatings* and Subcommittees

There is currently no ANSI-accredited U.S. TAG Administrator for TC 107, TC 107/SC 3, TC 107/SC 4, TC 107/SC 7, TC 107/SC 8, and TC 107/SC 9, and therefore ANSI is not a member of these committees. The Secretariats for these committees are held by South Korea (KATS) for TC 107, TC 107/SC 3, and TC 107/SC 8; the UK (BSI) for TC 107/SC 4; Japan (JISC) for TC 107/SC 7, and China (SAC) for TC 107/SC 9.

TC 107 operates under the following scope:

Standardization of the characteristics of protective and decorative metallic coating applied by electrolysis, fusion, vacuum or chemical means, mechanical deposition, ion plating.

Standardization of the characteristics of protective and decorative non-metallic coatings (excluding paints and other organic coatings) on metal surface applied by electrolysis, fusion, vacuum or chemical means.

Standardization of testing and inspection methods for such coatings.

Standardization of the preparation of the substrates prior to the deposition of metallic and inorganic coatings.

TC 107/SC 3 operates under the following scope:

Electrodeposited coatings and related finishes

TC 107/SC 4 operates under the following scope:

Hot dip coatings (galvanized, etc.)

TC 107/SC 7 operates under the following scope:

Standardization in the field of corrosion and porosity tests of metallic coatings, and non-organic coatings

TC 107/SC 8 operates under the following scope:

Chemical conversion coatings

TC 107/SC 9 operates under the following scope:

Standardization of the specification of vacuum evaporation, magnetron sputtering, arc ion plating, other new physical vapor deposition methods or their combination as an alternative to conventional electro/electroless plating.

Standardization of the characteristics of protective and decorative metallic (such as silver, copper, chrome, titanium and zirconium) or non-metallic coatings (such as nitrides and oxides, excluding paints and other organic coatings as well as diamond-like carbon films).

Standardization of the characteristics of inorganic nanocomposite and/or multilayer and multiphase coatings (such as multi-components nitrides and carbides of CrAlN-base, TiAlN-base, TiCN-base, MeN/SiNx, as well as boride of TiB2 and ZrB2) for functional performance (friction and wear, corrosion and oxidation, fatigue and mechanical properties).

Standardization of testing and inspection methods for physical vapor deposition coatings and pretreatment methods for metal substrates prior to the deposition.

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

Information Concerning

International Electrotechnical Commission (IEC)

USNC Needs Members to Join New USTAG to IEC/SyC Smart Manufacturing

The US National Committee has registered as a Participating Member in the IEC/Systems Committee on Smart Manufacturing and has established a USTAG. ISA has recently been appointed by the USNC TMC as the TAG Administrator. If any individuals would like to join this USTAG, *they are invited to contact Charley Robinson, SyC SM TAG Secretary, at crobinson@ISA.org as soon as possible.*

Please see the scope for the SyC on Smart Manufacturing below.

Scope:

To provide coordination and advice in the domain of Smart Manufacturing to harmonize and advance Smart Manufacturing activities in the IEC, other SDOs and Consortia according to clause 2 in AC/22/2017.

BSR/ASHRAE Addendum c
to ANSI/ASHRAE Standard 62.2-2016

Public Review Draft

Proposed Addendum c to Standard 62.2-2016, Ventilation and Acceptable Indoor Air Quality in Residential Buildings

Second Public Review (August 2018)
(Draft shows Proposed Changes to Current Standard)

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

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

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

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FOREWORD

This proposed addendum aims to minimize the potential for coming up with variable ventilation control strategies that could result in substantial under-ventilation for noticeable periods of time.

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

Addendum c to 62.2-2016

Revise Section 4.5 as shown below.

4.5 Variable Mechanical Ventilation. Dwelling-unit mechanical ventilation systems designed to provide variable ventilation shall comply with Section 4.5.1, 4.5.2, or 4.5.3. Sections 4.5.2 and 4.5.3 also require compliance with Normative Appendix C and require verification with supporting documentation from the manufacturer, designer, or specifier of the ventilation control system that the system meets the requirements of these sections. ~~Where the dwelling-unit ventilation rate varies based on occupancy, occupancy shall be determined by occupancy sensors or by an occupant-programmable schedule.~~ Tracking or scheduling of occupancy is permitted.

4.5.1 Short-Term Average Ventilation. To comply with this section, a variable ventilation system shall be installed to provide an average dwelling-unit ventilation rate over each consecutive period of three hours or less ~~any three hour period~~ that is greater than or equal to Q_{fan} as calculated using Section 4.1, and shall not provide a ventilation rate of zero over any three hour interval.

4.5.2 Scheduled Ventilation. This section ~~may~~ shall only be used when one or more fixed patterns of designed ventilation are known at the time compliance to this standard is being determined. Such patterns include those both clock-driven and driven by typical meteorological data. Compliance with this section can be demonstrated with either Section 4.5.2.1 or 4.5.2.2.

4.5.2.1 Annual Average Schedule. An annual schedule of ventilation complies with this section when the annual average relative exposure ~~during occupied periods~~ is no more than ~~unity~~ one, and the peak relative exposure (*Ri*) shall not exceed 5 for any time step, as calculated in Normative Appendix C.

4.5.2.2 Block Scheduling. The schedule of ventilation complies with this section if it is broken into blocks of time and each block individually has an average relative exposure during occupied periods that is no more than ~~unity~~one as calculated in Normative Appendix C. All blocks shall end with a relative exposure less than or equal to one.

~~**4.5.2.2.1 Short Blocks.** For each block that is less than 2 days in duration but does not meet the requirements of Section 4.5.1, the procedure in Normative Appendix C shall be run multiple times. For any runs after the first run,~~

~~the relative exposure at the end of the prior run shall be used as the initial condition in the current run. The block complies if the average relative exposure during occupied periods in the final run is no more than unity. Blocks that are less than 18 hours in duration must be run at least 3 times. Other blocks must be run at least twice.~~

4.5.3 Real-Time Control. A real-time ventilation controller complies with this section when it is designed to adjust the ventilation system based on real-time input to the ventilation calculations so that the average relative exposure during occupied periods is no more than one ~~unity~~ and the peak relative exposure (*Ri*) shall not exceed 5 for any time step, as calculated in Normative Appendix C. The averaging period shall be ~~at least one day but~~ no more than one year and shall be based on simple, recursive or running average, but not extrapolation.

For the purposes of calculating average relative exposure, a dwelling unit is permitted to be treated as unoccupied during a time step only if it is unoccupied for the entire time step.

BSR/ASHRAE Addendum r
to ANSI/ASHRAE Standard 62.2-2016

Public Review Draft

Proposed Addendum r to Standard 62.2-2016, Ventilation and Acceptable Indoor Air Quality in Residential Buildings

First Public Review (August 2018)
(Draft shows Proposed Changes to Current Standard)

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FOREWORD

This proposed change removes the requirement that ON-OFF controls be readily accessible or manual. They would still be required to be accessible, but would avoid the confusion between the 62.2 intent of "readily" with other organizations' definition.

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

Addendum r to 62.2-2016

Revise Section 4.4 as shown below.

4.4 Control ~~and Operation~~. An ~~readily~~ accessible ~~manual~~ ON-OFF control, including but not limited to a fan switch or a dedicated branch-circuit overcurrent device, shall be provided. Controls shall include text or an icon indicating the system's function.

Exception: For multifamily dwelling units, the ~~manual~~ ON-OFF control shall not be required to be ~~readily~~ accessible.

BSR/ASHRAE Addendum t
to ANSI/ASHRAE Standard 62.2-2016

Public Review Draft

Proposed Addendum t to Standard 62.2-2016, Ventilation and Acceptable Indoor Air Quality in Residential Buildings

First Public Review (August 2018)
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FOREWORD

This proposed change removes the potential for people to claim they would have installed a balanced system to avoid installing an unbalanced system. It also aligns the maximum airflow requirement that precludes the need to install a fan between new and existing homes.

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

Addendum t to 62.2-2016

Revise Section 4.1.2 as shown below. Refer to Addenda l and s to 62.2-2016 for published changes to Section 4.1.2. Published addenda are available for free on the ASHRAE website at https://www.ashrae.org/technical-resources/standards-and-guidelines/standards-addenda.

4.1.2 Infiltration Credit. If a blower door test has been performed then a credit for estimated infiltration may be taken for nonattached dwelling units using either the procedure in Section 4.1.2.1 or 4.1.2.2. Horizontally attached single-family dwelling units shall be permitted to utilize a blower door test result that includes common walls to take this credit, subject to the reduction factor A_{est} in Equation 4.2.

If this credit is taken, then the Required Mechanical Ventilation Rate (Q_{fan}) shall be calculated using Equation 4.2

$$Q_{fan} = Q_{tot} - \Phi\,(Q_{inf} \times A_{ext}) \qquad (4.2)$$

where
Q_{fan} = required mechanical ventilation rate, cfm (L/s)
Q_{tot} = total required ventilation rate, cfm (L/s)
Q_{inf} = infiltration, cfm (L/s) (see Normative Appendix A for exceptions for existing buildings)
A_{ext} = 1 for single-family detached homes, or the ratio of exterior envelope surface area that is not attached to garages or other dwelling units to total envelope surface area for single-family attached homes
Φ=1 for balanced ventilation systems and Q_{inf}/Q_{tot} otherwise

Exception: ~~A ventilation fan is not required when Q_{fan} is less than 10 cfm (5 L/s).~~ Where Q_{fan}, calculated for unbalanced ventilation, is less than or equal to 15 cfm (7 L/s), then neither balanced nor unbalanced dwelling-unit mechanical ventilation is required.

Revise Section A2 as shown below.

A2. DWELLING-UNIT MECHANICAL VENTILATION RATE

The required mechanical ventilation rate Q_{fan} shall be the rate Q_{tot} in Section 4.1.1 plus the required additional airflow calculated in accordance with Section A3. If the airtightness of the building envelope has been measured, the required mechanical ventilation rate may be reduced as described in Section 4.1.2. In these cases, Section A3 shall be applied before Section 4.1.2 when determining the final mechanical ventilation rate. ~~For existing buildings, if Q_{fan} is less than or equal to 15 cfm (7 L/s), then dwelling-unit mechanical ventilation is not required.~~

BSR/ASHRAE Addendum u
to ANSI/ASHRAE Standard 62.2-2016

Public Review Draft

Proposed Addendum u to Standard 62.2-2016, Ventilation and Acceptable Indoor Air Quality in Residential Buildings

First Public Review (August 2018)
(Draft shows Proposed Changes to Current Standard)

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

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FOREWORD

This proposed change expands the prescriptive duct sizing table (Table 5.3) to account for the larger flows sometimes encountered with kitchen exhaust. It also reworks the table to show minimum diameter instead of maximum length.

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

Addendum u to 62.2-2016

Revise Section 5.4 and replace the current Table 5.3 as shown below.

5.4 Airflow Measurement. The airflow required by this section is the quantity of indoor air exhausted by the ventilation system as installed and shall be measured according to the ventilation equipment manufacturer's instructions, or by using a flow hood, flow grid, or other airflow measuring device at the mechanical ventilation fan's inlet terminals, outlet terminals, or in the connected ventilation ducts.

Exception: ~~The airflow rating, according to Section 7.1, at a pressure of 0.25 in. wc (62.5 Pa) may be used, provided the duct sizing meets the prescriptive requirements of Table 5.3 or manufacturer's design criteria.~~ Manufacturers' design criteria or the prescriptive requirements of Table 5.3 shall be permitted in place of a measurement. When using Table 5.3, the airflow rating according to Section 7.1 shall meet or exceed a static pressure of 0.25 in w.c. (62.5 Pa). Use of Table 5.3 is limited to duct systems not exceeding 25 feet (8 m) in length, duct systems with no more than 3 elbows, and duct systems with exterior termination fittings having a hydraulic diameter greater than or equal to the minimum duct diameter and not less than the hydraulic diameter of the fan outlet.

~~TABLE 5.3 Prescriptive Duct Sizing~~

~~Duct Type~~	~~Flex Duct~~								~~Smooth Duct~~							
~~Fan Airflow Rating, cfm @ 0.25 in. wc (L/s @ 62.5 Pa)~~	~~50 (25)~~	~~80 (40)~~	~~100 (50)~~	~~125 (65)~~	~~150 (75)~~	~~200 (100)~~	~~250 (125)~~	~~300 (150)~~	~~50 (25)~~	~~80 (40)~~	~~100 (50)~~	~~125 (65)~~	~~150 (75)~~	~~200 (100)~~	~~250 (125)~~	~~300 (150)~~
~~Diameter [a], in.~~	~~Maximum Length [b,c,d], ft (m)~~															
~~3 (75)~~	~~×~~	~~×~~	~~×~~	~~×~~	~~×~~	~~×~~	~~×~~	~~×~~	~~5 (2)~~	~~×~~	~~×~~	~~×~~	~~×~~	~~×~~	~~×~~	~~×~~
~~4 (100)~~	~~56 (17)~~	~~4 (1)~~	~~×~~	~~×~~	~~×~~	~~×~~	~~×~~	~~×~~	~~114 (35)~~	~~31 (9)~~	~~10 (3)~~	~~×~~	~~×~~	~~×~~	~~×~~	~~×~~
~~5 (125)~~	~~NL~~	~~81~~	~~42~~	~~16~~	~~2~~	~~×~~	~~×~~	~~×~~	~~NL~~	~~152~~	~~91~~	~~51~~	~~28~~	~~4~~	~~×~~	~~×~~

		(25)	(9)	(5)	(0.6)					(46)	(28)	(16)	(9)	(1)			
6 (150)	NL	NL	158 (48)	91 (28)	55 (17)	18 (5)	1 (0.3)	X	NL	NL	NL	168 (51)	112 (34)	53 (16)	25 (8)	9 (3)	
7 (175)	NL	NL	NL	NL	161 (49)	78 (24)	40 (12)	19 (6)	NL	NL	NL	NL	NL	148 (45)	88 (27)	54 (16)	
8 (200) and above	NL	NL	NL	NL	NL	189 (58)	111 (34)	69 (21)	NL	NL	NL	NL	NL	NL	198 (60)	133 (41)	

a. For noncircular ducts, calculate the diameter as four times the cross-sectional area divided by the perimeter.
b. This table assumes no elbows. Deduct 15 ft (5 m) of allowable duct length for each elbow.
c. NL = no limit on duct length of this size.
d. X = not allowed; any length of duct of this size with assumed turns and fitting will exceed the rated pressure drop.

Table 5.3 Prescriptive Duct Sizing.

Fan Airflow Rating, CFM at minimum static pressure of 0.25 in. wc (L/s at minimum 62.5 Pa)	≤50 (25)	≤80 (40)	≤100 (50)	≤125 (60)	≤150 (70)	≤175 (85)	≤200 (95)	≤250 (120)	≤350 (165)	≤400 (190)	≤450 (210)	≤700 (330)	≤800 (380)
Duct Type	Minimum Duct Diameter, in. (mm)[a,b]												
Rigid Duct	4[e] (100)	5 (125)	5 (125)	6 (150)	6 (150)	7 (180)	7 (180)	8 (205)	9 (230)	10 (255)	10 (255)	12 (305)	12[d] (305)
Flex Duct[c]	4 (100)	5 (125)	6 (150)	6 (150)	7 (150)	7 (180)	8 (205)	8 (205)	9 (230)	10 (255)	X	X	X

a. For noncircular ducts, calculate the diameter as four times the cross-sectional area divided by the perimeter.
b. X: application of the prescriptive table is not permitted for this scenario.
c. Use of this table for verification of flex duct systems requires flex duct to be fully extended and any flex duct elbows to have a minimum bend radius to duct diameter ratio of 1.0.
d. For this scenario, use of elbows is not permitted.
e. For this scenario, 4-inch (100 mm) oval duct shall be permitted, provided the minor axis of the oval is greater than or equal to 3 inches (75 mm).

BSR/ASHRAE Addendum a
to ANSI/ASHRAE Standard 188-2018

Public Review Draft

Proposed Addendum a to Standard 188-2018, Legionellosis: Risk Management for Building Water Systems

First Public Review (September 2018)
(Draft shows Proposed Changes to Current Standard)

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

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

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

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

FOREWORD

This proposed addendum revises the definition of "non-potable" and "potable water system" in Section 3, Definitions. The revision defines "non-potable" with the opposite language used to define "potable water system," and the revisions makes the definition consistent with the same definitions proposed in ASHRAE Guideline 12.

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

Modify Section 3 as shown. The remainder of Section 3 is unchanged.

nonpotable: water not intended for human consumption, such as drinking, bathing, showering, hand washing, teeth brushing, food preparation, dishwashing and maintaining oral hygiene ~~that is not fit for drinking or for personal or culinary use and that has the potential to cause harmful human exposure to *Legionella*~~.

[…]

potable water system: a building water distribution system that provides hot and cold water intended for human consumption, such as drinking, bathing, showering, hand washing, teeth brushing, food preparation, dishwashing and maintaining oral hygiene ~~direct and indirect human contact or consumption.~~

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strike-out~~ and additions by grey highlighting. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication. Please also note that formatting of the document will be finalized by the Standards Dept. prior to publication.]

NSF International Standard
for Dietary Supplements —

Dietary supplements

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6 Test methods used by testing laboratories for identification and quantification of ingredients – dietary ingredients and finished products

6.1 Identification test methods

6.1.1 Botanicals

The identity of botanical dietary ingredients shall be verified with one or more tests or examinations in accordance with the most appropriate analytical method(s) as described in 6.1.1.1 through 6.1.1.3. The selected test(s) or examination(s) shall be performed by an appropriately qualified individual using documented procedures, and shall be scientifically valid and fit for the purpose of analysis of the specific sample type being tested. Selection of the test method(s) shall consider the least burdensome analytical approach necessary to confirm identity of the specific sample being verified.

6.1.1.1 Macroscopic and organoleptic/sensory evaluation

Macroscopic and organoleptic/sensory test methods used for verifying ~~T~~the identity of unprocessed botanical dietary ingredients (whole plants or identifiable plant parts) shall be ~~evaluated~~ based on the information contained in applicable monographs (AHP, BHP, EP*; PPRC*; USP and other compendial references; except that, when no applicable compendial monograph exists, the qualified individual shall confirm identity based on the information contained in one or more alternative scientific references developed based on well-established principles of macroscopic assessment such as are presented in classic botanical pharmacognosy literature, and shall identify and record the alternative reference(s) used.

*******NOTE (This is for clarity only not for consideration in the standard): The two additional compendial references identified here are not yet included in 173's Normative References; this Issue Paper is peripherally proposing the current editions of these two documents be added to the Normative References – the European Pharmacopoeia (EP) and the Pharmacopoeia of the People's Republic of China (PPRC).***

6.1.1.2 Microscopic test methods

Microscopic test methods used for verifying ~~T~~the identity of non-extract botanical ingredients (whole plants, identifiable plant parts, cut or powdered forms) shall be ~~evaluated~~ based on the information contained in applicable monographs (AHP, BHP, EP*, PPRC*, USP and other compendial references; except that, when no applicable compendial monograph exists, the qualified individual shall confirm identity based on the information contained in one or more alternative scientific references developed based on well-established principles of microscopic assessment such as are presented in classic botanical pharmacognosy literature, and shall identify and record the alternative reference(s) used.

6.1.1.3 Chemical test methods

Chemical test methods used for verifying ~~T~~the identity of botanical dietary ingredients (all forms) shall be ~~evaluated using methods that are scientifically valid and suitable for the intended purpose. Sources for methods should include~~ based on the information contained in applicable references (AOAC International, AHP, USP, EP*, PPRC*, and other method sources); except that ~~Modification~~ modification of an existing method to better suit the sample under test is allowable~~. If~~, and if no appropriate method exists development of a new method is allowable. The use of any modified or new method shall require that an assessment be performed which includes evaluation of the method specificity.

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Tracking #350i28r2 **Revision to NSF/ANSI 350-2017a**
 Draft 2, Issue 28 (September 2018)

NSF/ANSI Standard
For Wastewater Technology –

Onsite residential and commercial water reuse treatment systems

1 General

1.1 Purpose

The purpose of this Standard is to establish minimum material, design, and construction, and performance requirements for onsite residential and commercial water treatment systems. This Standard also specifies the minimum literature that manufacturers shall supply to authorized representatives and owners as well as the minimum service-related obligations that a manufacturer shall extend to owners.

1.2 Scope

This Standard contains minimum requirements for onsite residential and commercial water treatment systems. Systems may include the following:

— Greywater treatment systems having a rated treatment capacity up to 5,678 L/day (1,500 gal/day). This applies to onsite residential and commercial treatment systems that treat greywater, those that treat laundry water from residential laundry facilities, and those that treat bathing water. See 8.1 for performance testing and evaluation.

— Residential wastewater treatment systems having a rated treatment capacity up to 5,678 L/day (1,500 gal/day). This applies to onsite residential treatment systems that treat combined wastewater generated by the occupants of residence(s). A reuse system treating 1,514 L/day (400 gal/day) to 5,678 L/day (1,500 gal/day) shall either be demonstrated to have met the Class I requirements of NSF/ANSI 40, or must meet these requirements during concurrent testing to this Standard. A treatment system treating less than 1,514 L/day (400 gal/day) is not required to have met the Class I requirements of NSF/ANSI 40. See 8.2 for performance testing and evaluation.

— Commercial treatment systems – this applies to onsite commercial treatment systems that treat combined commercial facility wastewater and commercial facility laundry water of any capacity, and those treatment systems that treat greywater from commercial facilities with capacities exceeding 5,678 L/day (1,500 gal/day). These systems shall be performance tested and evaluated at the location of the reuse system installation, using the wastewater generated onsite from the facility serving the treatment system. See 8.3 for performance testing and evaluation. The key elements of a field evaluation of a commercial treatment system are described in Annex A.

Management methods and end uses appropriate for the treated effluent discharged from onsite residential and commercial treatment systems meeting Class R (single family residential) or Class C (multi-family and commercial facilities) requirements of this Standard include indoor restricted urban water use, such as toilet and urinal flushing, and outdoor unrestricted urban water use, such as surface irrigation. Effluent quality criteria consistent with these uses are described in 8.6, Criteria.

This Standard is intended to address public health and environmental issues. Actual performance for any site or system may vary, depending on variations in raw water supply (such as alkalinity and hardness), wastewater constituents, and patterns of use. The end use of the effluent is the responsibility of the owner, design professionals, and regulatory officials.

System components covered under other NSF or NSF/ANSI standards or criteria shall also comply with the requirements therein. This Standard shall in no way restrict new system designs, provided such designs meet the minimum specifications described herein.

1.3 Alternate materials, design, and construction

While specific materials, designs, and constructions may be stipulated in this Standard, systems that incorporate alternate materials, designs, or constructions may be acceptable when it is verified that such systems meet the applicable requirements of this Standard.

1.4 Performance classification

For the purpose of this Standard, systems are classified according to the chemical, biological, and physical characteristics of their effluents as determined by the performance testing and evaluations described herein.

Greywater treatment systems within a manufacturer's model series may be classified according to the performance testing and evaluation of the system (8.1) expected to produce the poorest effluent quality within the series based upon design characteristics.

Residential wastewater treatment systems within a manufacturer’s model series may be classified according to the performance testing and evaluation of the system (8.2) with the smallest hydraulic capacity within the series. A series is limited to treatment capacities below 1,514 L/day (400 gal/day), and treatment capacities between 1,514 L/day (400 gal/day) and 5,678 L/day (1,500 gal/day).

~~Greywater and r~~Residential wastewater treatment systems having rated treatment capacities less than 378 L/day (100 gal/day) shall be within a manufacturer’s model series having rated treated capacities at or above 378 L/day (100 gal/day).

The manufacturer shall submit design drawings and specifications of the entire model series, which shall include critical design parameters for the systems. An engineering review of the design parameters may be completed in lieu of performance testing and evaluation of other systems within the series provided they are determined to be appropriately proportionate to the evaluated system based on sound engineering principles.

Commercial treatment systems that treat combined commercial facility wastewater and commercial facility laundry water of any capacity, and treatment systems that treat greywater from commercial facilities with capacities exceeding 5678 L/day (1500 gal/day) performance tested and evaluated in accordance with 8.3 and Annex A, may be similarly classified within a manufacturer’s model series. However, consideration must be given to the conditions of the field evaluation of the system, including the wastewater characteristics, treatment system loading conditions, and other variables affecting performance. These conditions shall become limitations for classifying other systems within a manufacturer’s model series.

BSR/UL 242, Standard for Safety for Nonmetallic Containers for Waste Paper

1. Replacing carbon paper with shredded newspaper for the Internal Fire Test

PROPOSAL

PERFORMANCE

6 Internal Fire Test

6.5 The fourth container is to be completely filled with new, empty, plastic-coated paper milk cartons, of the 1/2 pint (~~1.4~~ 0.24 L) size, and ~~wrinkled sheets of carbon paper weighing 2.35 ±0.1 grams per 8.5 × 11 inch sheet~~ shredded newspaper. The width of the strips of newspaper shall be 0.20 ±0.10 inch (5.1 ±2.5 mm). The shredded paper, when in place in the container, is to have a bulk density of 5.1 oz/ft^3 (5.16 kg/m^3). The container is to be filled by alternating layers of milk cartons and layers of ~~carbon paper~~ shredded newspaper with an overall ratio of one ~~sheet~~ layer of ~~carbon paper~~ shredded newspaper per each milk carton until level with the top edge of the container and with a resulting density of ~~0.29 ±0.05 grams per cubic inches~~ 0.010 ±0.0017 oz/in^3 (17.68 ±3.05 oz/ft^3, 17.70 ±3.05 kg/m^3). The tops of the milk cartons are to be flattened to make a cube shape.

BSR/UL 360, Standard for *Liquid-Tight Flexible Metal Conduit,*

1. ***Correction to Pipe Stiffness Units***

PROPOSAL

13 Pipe Stiffness for Conduit Intended for Direct-Burial

13.1 Conduit which is intended for direct burial use shall have a minimum pipe stiffness of 120 ~~psi (827 Pa)~~ lbs./in/in at 10 percent deflection when determined in accordance with the Standard Test Method for Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading, ASTM D2412.

BSR/UL 471, Standard for Safety for Commercial Refrigerators and Freezers

1.2 These requirements apply to unitary and remote commercial refrigerators and freezers. For the purposes of this standard, commercial refrigerators and freezers include equipment, such as display cases, reach-in cabinets, meat cases, ~~drop-in appliances,~~ frozen food and merchandising cabinets, beverage coolers, beverage cooler-dispensers, food service carts, ice cream cabinets, soda fountain units, door panel assemblies, laboratory refrigerators and freezers, and processing liquid coolers.

~~3.38 Drop-In Appliances -Refrigeration equipment intended to be installed in a custom food equipment cabinet that is shared with other installed commercial cooking and refrigeration equipment.~~

SB5.1.1.2 The refrigerator is to be installed in accordance with the manufacturer's instructions; see 44.5. ~~Drop-in~~ Built-in appliances that are intended to be installed in custom installations (such as custom food equipment) shall be installed in a test enclosure fabricated in accordance with the manufacturer's instructions.

SB5.1.4.6.1 For ~~drop-in~~ built-in appliances where there are potential flammable refrigerant ignition sources from equipment that may be installed adjacent to the ~~drop-in~~ built-in appliance, the concentration of leaked refrigerant shall also be measured where these potential ignition sources may be located. Examples of such ignition sources are power switches, light switches, GFCIs, and gas igniters, See also SB5.1.1.2.

BSR/UL 710B, Standard for Recirculating Systems

1. Revision to add an exception to 37.1

PROPOSAL

37.1 A fire extinguishing system unit shall be provided and shall include all required wiring, piping, and discharge port(s) oriented for proper operation.

Exception: Catalytic and photolytic systems that lack fuel loading are exempt from the fire system requirements relating to plenum and filters where grease loading is expected.

The recirculating system shall have provisions for the following:

a) External visibility of the pressure gauge or other device to indicate the proper charge pressure for the stored pressure type extinguishing system units; and

Exception: For vending machines, visibility is only required after the front access door is open.

b) Removal of the fire extinguishing system cylinder assembly and pressurizing cartridge (if provided) for maintenance and recharging.

Exception: Hoods for the following types of appliances are not required to be provided with a fire extinguishing system:

a) A system intended for use with an appliance other than a deep fat fryer, which has an enclosed cooking compartment and is marked in accordance with 78.10;

b) A conveyor style oven that is intended for use with pizza and other bakery products that is marked in accordance with 78.10 and 78.11; or

c) A warming cabinet that does not exceed 212°F (100°C) in the food holding area and is marked in accordance with 78.10.

BSR/UL 746A, Standard for Safety for Polymeric Materials – Short Term Property Evaluations

1. Revision of Lab Environment Conditions for Comparative Tracking Index (CTI) Tests in Section 24

24.1 **Note from the STP Project Manager: This proposal does not specify a revision of this requirement. This paragraph is provided for reference only.** ASTM Method: the test method for determining the comparative tracking index of electrical insulation materials - which is the voltage, as determined under the conditions specified in the Standard Test Method for Comparative Tracking Index of Electrical Insulation Materials, ASTM D 3638, that causes a permanent electrically conductive carbon path with the application of 50 drops of electrolyte that is applied at the rate of one drop every 30 seconds to the specimen. This test is used as a measure of the susceptibility of the material to tracking.

24.2 **Note from the STP Project Manager: This proposal does not specify a revision of this requirement. This paragraph is provided for reference only.** The Comparative Tracking Performance Level Category (PLC) is to be assigned based on the ASTM D 3638 Comparative Tracking Index (voltage) in accordance with the ranges specified in Table 24.1.

24.3 ~~IEC Method: The test method for determining the comparative tracking index of electrical insulation materials - which is the highest voltage, as determined under the conditions specified in the Method for determining proof and comparative tracking indices of solid insulating materials, IEC 60112, that does not cause a permanent electrically conductive carbon path within the application of 50 drops of electrolyte for 5 specimens without a persistent flame and is at least 25 volts higher than the highest voltage not to track for 100 drops for 5 specimens without a persistent flame. This test is used as a measure of the susceptibility of the material to tracking.~~ For the ASTM method, all specimens are to be tested in a laboratory atmosphere of 20.0 ±5.0°C. All specimens are to be maintained at 23 ±2°C and 50 ±10 percent relative humidity for a minimum of 48 hours prior to testing.

24.4 ~~Material grouping based on the comparative tracking performance as per the Method for the determination of the proof and the comparative tracking indices of solid insulating materials, IEC 60112, shall be assigned in accordance with the ranges specified in Table 24.2.~~ IEC Method: The test method for determining the comparative tracking index of electrical insulation materials - which is the highest voltage, as determined under the conditions specified in the Method for determining proof and comparative tracking indices of solid insulating materials, IEC 60112, that does not cause a permanent electrically conductive carbon path within the application of 50 drops of electrolyte for 5 specimens without a persistent flame and is at least 25 volts higher than the highest voltage not to track for 100 drops for 5 specimens without a persistent flame. This test is used as a measure of the susceptibility of the material to tracking.

24.5 ~~The test method for determination of the Comparative Tracking Index per ASTM D 3638 is to be supplemented by the procedure indicated in Figure 24.1.~~ Material grouping based on the comparative tracking performance as per the Method for the determination of the proof and the comparative tracking indices of solid insulating materials, IEC 60112, shall be assigned in accordance with the ranges specified in Table 24.2.

24.6 For the IEC method, all specimens are to be tested in a laboratory atmosphere of 23.0 ±5.0°C. All specimens are to be maintained at 23 ±5°C and 50 ±10 percent relative humidity for a minimum of 24 hours prior to testing.

BSR/UL 1626, Standard for Safety for Residential Sprinklers for Fire-Protection Service

1. Corrosion Resistant Residential Sprinklers

PROPOSAL

~~35.5.1.2 A dry pendent or dry ceiling-type sprinkler that uses an operating assembly of the same type that has complied with the operation requirements specified in 35.5.1.1 shall be subjected to the plunge test specified in 35.5.1.3. After the heat responsive element operates, all parts shall clear the waterway under an air pressure of 10 psig (69 kPa).~~

~~35.5.1.3 The plunge test is to be conducted in a full draft air oven that has been preheated to a temperature of 300 ±5°F (149 ±3°C) or a temperature of 100°F (55.6°C) higher than the marked temperature rating, whichever is higher. Each sprinkler is to be individually connected to a 10 psig (69 kPa) air supply and quickly placed in the oven in the pendent position.~~

BSR/UL 1989, Standard for Safety for Standby Batteries

2. Revision of 1.3 to clarify that lithium batteries are excluded.

1.3 These requirements are intended to address aqueous electrolyte valve regulated or vented batteries such as lead acid, nickel-metal hydride, nickel zinc, or nickel cadmium, etc., and do not cover risks that may be unique to certain cell chemistries, such as the fire and explosion risks of lithium batteries. Lithium batteries are outside the scope of this standard.

3. Revision of terminology used in 4.2 and 4.3 to clarify that the standard covers lead acid and similar batteries.

CONSTRUCTION

4 General

4.2 A vented cell or battery shall be equipped with a flame arrester(s) designed to prevent an external flame from propagating into the cell or battery when the by-products of electrolysis (which are vented through the arrester) are ignited. See Flame Arrester Vent Cap Tests, Section 7.

4.3 A sealed cell or battery shall be equipped with a pressure-release vent(s) to prevent excessive accumulation of gas pressure, or the battery/cell shall be constructed to prevent scatter of battery/cell parts in the event of a battery/cell explosion. See Pressure Release Test, Section 6.