ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: May 20, 2018

NSF (NSF International)

Revision

BSR/NSF 41-201x (i8r2), Non-Liquid Saturated Treatment Systems (revision of ANSI/NSF 41-2016)

This wastewater standard contains minimum requirements for treatment systems that do not utilize a liquid saturated media as a primary means of storing or treating human excreta or human excreta mixed with other organic household materials. It addresses treatment systems that treat both solid and liquid waste, as well as those that only treat solid waste. Management methods for the end products of these systems are not addressed by this Standard.

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/NSF 51-201x (i14Br1), Food Equipment Materials (revision of ANSI/NSF 51-2014)

This Standard is applicable to the materials and finishes used in the manufacture of food equipment (e.g., broiler, beverage dispenser, cutting board, stock pot). The Standard is also applicable to components such as tubing, sealants, gaskets, valves, and other items intended for various food equipment applications.

Click here to view these changes in full

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

SPRI (Single Ply Roofing Industry)

Revision

BSR/GRHC/SPRI VR-1-201x, Procedure for Investigating Resistance Root or Rhizome Penetration on Vegetative Roofs (revision of ANSI/GRHC/SPRI VR-1-2011)

This test standard examines the ability of a root protection barrier to prevent root or rhizome penetration through the waterproofing layer on low-slope single-ply membrane and coated roofs. This procedure includes testing of penetration barriers including all seams edges and methods of attachment. This test standard excludes any lamination, i.e., a separate layer installed over the penetration barrier. The penetration barrier may be, but is not limited to, the waterproofing layer itself. The findings for any membrane or coating which has been tested shall not apply to plants with strong rhizome growth (e.g., bamboo or Chinese reeds varieties).

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 962A-201x, Standard for Safety for Furniture Power Distribution Units (new standard)

Recirculation of the proposed fifth edition of UL 962A, Standard for Safety for Furniture Power Distribution Units.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Mitchell Gold, (847) 664 -2850, Mitchell.Gold@ul.com

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 1363-201x, Standard for Safety for Relocatable Power Taps (new standard)

Recirculation of the proposed fifth edition of UL 1363, Standard for Safety for Relocatable Power Taps.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Mitchell Gold, (847) 664 -2850, Mitchell.Gold@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 147A-201x, Standard for Safety for Nonrefillable (Disposable) Type Fuel Gas Cylinder Assemblies (revision of ANSI/UL 147A-2009 (R2013))

The following topic is being proposed: (1) Revision to the Moist Ammonia-Air Stress Cracking test.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Marcia Kawate, (510) 319 -4259, Marcia.M.Kawate@ul.com

Comment Deadline: June 4, 2018

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO 18250-3-201x, Medical devices - Connectors for reservoir delivery systems for healthcare applications - Part 3: Enteral applications (identical national adoption of ISO 18250-3)

This document specifies dimensions and requirements for the design and functional performance of connectors intended to be used on enteral reservoirs.

Single copy price: Free

Obtain an electronic copy from: https://standards.aami.org/higherlogic/ws/public/documents?view=

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO CDV-2 14117-201x, Active implantable medical devices - Electromagnetic compatibility - EMC test protocols for implantable cardiac pacemakers, implantable cardioverter defibrillators, and cardiac resynchronization devices (identical national adoption of ISO 14117 (in development) and revision of ANSI/AAMI/ISO 14117-2012)

Specifies a comprehensive test methodology for the evaluation of the electromagnetic (EM) compatibility of active implantable cardiovascular devices. The devices addressed by this standard include those that provide one or more therapies for bradycardia, tachycardia, and cardiac resynchronization. This document details test methods appropriate for the interference frequencies at issue. It specifies performance limits or requires disclosure of performance in the presence of EM emitters, where indicated.

Single copy price: Free

Obtain an electronic copy from: https://standards.aami.org/higherlogic/ws/public/document?document_id=14011&wg_abbrev=PUBLIC_REV

Send comments (with copy to psa@ansi.org) to: Jennifer Moyer, (703) 253 -8274, jmoyer@aami.org

ABYC (American Boat and Yacht Council)

New Standard

BSR/ABYC A-6-201x, Refrigeration and Air Conditioning Equipment (new standard)

These standards apply to systems utilizing mechanical gas compression for comfort cooling, heating, dehumidification, and refrigerated food storage on boats.

Single copy price: $50.00

Obtain an electronic copy from: comments@abycinc.org

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

ABYC (American Boat and Yacht Council)

New Standard

BSR/ABYC A-23-201x, Sound Signal Appliances (new standard)

This standard applies to all sound signal appliances for use on vessels of less than 20 meters (65 ft.) in length, regardless of the mode of operation or power source of the appliance.

Single copy price: $50.00

Obtain an electronic copy from: comments@abycinc.org

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

ABYC (American Boat and Yacht Council)

New Standard

BSR/ABYC C-3-201x, Alcohol, Kerosene and Solidified Fuel Cooking Appliances for Marine Use (new standard)

This standard applies to the construction and performance characteristics of alcohol, kerosene, and solidified fuel cooking appliances for use on boats, including counter-top assemblies, insert surface assemblies, insert ovens, and ranges (surface cooking units and ovens included in the one appliance).

Single copy price: $50.00

Obtain an electronic copy from: comments@abycinc.org

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

ABYC (American Boat and Yacht Council)

Revision

BSR/ABYC A-22-201x, Marine Compressed Natural Gas (CNG) Systems (revision of ANSI/ABYC A-22-2012)

This standard is a guide for the design, manufacture, installation, and maintenance of compressed natural gas (CNG) systems on boats.

Single copy price: $50.00

Obtain an electronic copy from: comments@abycinc.org

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

ABYC (American Boat and Yacht Council)

Revision

BSR/ABYC E-11-201x, AC & DC Electrical Systems on Boats (revision of ANSI/ABYC E-11-2015)

This standard applies to alternating current (AC) electrical systems on boats operating at frequencies of 50 or 60 hertz and less than 300 volts, including shore powered systems up to the point of connection to the shore outlet and including the shore power cable and to direct current (DC) electrical systems on boats operating at nominal 50 volts or less.

Single copy price: $50.00

Obtain an electronic copy from: comments@abycinc.org

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

AMCA (Air Movement and Control Association)

Revision

BSR/AMCA 550-201x, Test Method for High Velocity Wind Driven Rain Resistant Louvers (revision of ANSI/AMCA Standard 550-2015)

This standard establishes uniform laboratory test methods and minimum performance ratings for water rejection capabilities of louvers intended to be used in high velocity wind conditions.

Single copy price: 90.00 (Non-Members); $45.00 (AMCA Members)

Obtain an electronic copy from: emoore@amca.org

Order from: Erin Moore, (847) 704-6285, emoore@amca.org

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

ASA (ASC S2) (Acoustical Society of America)

Reaffirmation

BSR ASA S2.9-2008 (R201x), Parameters for Specifying Damping Properties of Materials and System Damping (reaffirmation of ANSI ASA S2.9-2008 (R2013))

Presents the required nomenclature to improve communications among the many technological fields concerned with material damping that are used for resilient mountings so there will be a clear understanding by both the user and the manufacturer. Since the intention of this standard is to encourage better communication between the manufacturer and the user, the material set forth in this standard should be regarded as a nomenclature for specifying damping properties of the resilient materials. It is intended to outline, in standardized form, what information should be presented to enable the experienced designer to apply them for selecting the resilient material for machine mountings correctly. Also, the standard defines terminology in a further effort to ease the problem of communication between user and manufacturer.

Single copy price: $110.00

Obtain an electronic copy from: asastds@acousticalsociety.org

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

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

ASA (ASC S3) (Acoustical Society of America)

Reaffirmation

BSR ASA S3.50-2013 (R201x), Method for Evaluation of the Intelligibility of Text-to-Speech Synthesis Systems (reaffirmation of ANSI ASA S3.50-2013)

Used for testing the speech intelligibility of text-to-speech systems, providing a measure of human listeners' recovery of words that correspond to the intended phonemic content of speech created by the system. Listeners are tasked to record the words or sentences they hear. Scoring may be either at the word or segment level. A normalized edit distance of the response from the intended message is the measure of the system's speech intelligibility. This Standard specifies methods for selecting test material, which may depend on the purpose and constraints of the test. The Standard also specifies methods for selecting and training the listeners; for designing, controlling, and reporting the test conditions; and for analyzing and reporting the test results. Also provides background material, important for designing the test. Informative software is provided to assist the user in creating stimuli and scoring the test results. Use of the software is not mandatory.

Single copy price: $110.00

Obtain an electronic copy from: asastds@acousticalsociety.org

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

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

ASABE (American Society of Agricultural and Biological Engineers)

New Standard

BSR/ASABE S642 MONYEAR-201x, Recommended Methods for Measurement and Testing of LED Products for Plant Growth and Development (new standard)

This document describes methods for measurement and testing of LED packages and arrays or modules, LED lamps, and any other LED optical radiation devices, with a spectral range between 280 nm and 800 nm, used for plant growth and development. These methods are necessary to obtain information about device characteristics and long-term change behaviors.

Single copy price: $61.00

Obtain an electronic copy from: brace@asabe.org

Order from: Walter Brace, (269) 932-7009, brace@asabe.org

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

ASABE (American Society of Agricultural and Biological Engineers)

Revision

BSR/ASABE S625.1 MONYEAR-201x, Drawbar Pin Dimensions and Requirements for Towing Machine with Clevis (revision and redesignation of ANSI/ASABE S625-2015)

Establishes dimensional and minimum strength requirements for agricultural drawbar hitch pins used in single-point attaching of a towed machine to towing machines or leading machines. Application of this standard assumes a clevis on the towing machine conforming to ANSI/ASABE AD 6489-3:2004 and a ring on the towed machine conforming to ASABE/ISO 21244:2008. Additionally, this standard defines loading conditions for drawbar pin retention systems.

Single copy price: $61.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B31.3-201x, Process Piping (revision of ANSI/ASME B31.3 -2016)

Rules for the Process Piping Code Section B31.3 have been developed considering piping typically found in petroleum refineries; chemical, pharmaceutical, textile, paper, semiconductor, and cryogenic plants; and related processing plants and terminals.

(a) This Code prescribes requirements for materials and components, design, fabrication, assembly, erection, examination, inspection, and testing of piping.

(b) This Code applies to piping for all fluids, including:

(1) raw, intermediate, and finished chemicals;

(2) petroleum products;

(3) gas, steam, air, and water;

(4) fluidized solids;

(5) refrigerants; and

(6) cryogenic fluids.

Single copy price: Free

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

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Riad Mohamed, (212) 591 -8460, MohamedR@asme.org

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR/ATIS 0300002-201x, XML Schema Interface for POTS Service Test (revision of ANSI ATIS 0300002-2013)

This standard provides an XML schema information model for POTS Service Test based on ATIS 0300262 and an XML schema interface for POTS Service Test function specified in the same American National Standard.

Single copy price: $220.00

Obtain an electronic copy from: ablasgen@atis.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR/ATIS 0300209-201x, Operations, Administration, Maintenance, and Provisioning (OAM&P) - Network Tones and Announcements (revision of ANSI ATIS 0300209-2013)

This standard provides guidance for the provision of network tones and announcements.

Single copy price: $60.00

Obtain an electronic copy from: ablasgen@atis.org

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

AWS (American Welding Society)

Revision

BSR/AWS C1.1M/C1.1-201x, Recommended Practices for Resistance Welding (revision of ANSI/AWS C1.1M/C1.1-2012)

This Recommended Practice is a collection of data and procedures that are intended to assist the user in setting up resistance welding equipment to produce resistance welded production parts. While the recommendations included are not expected to be final procedures for every production part or every welding machine, they serve as starting points from which a user can establish acceptable welding machine settings for specific production welding applications. In some cases, recommended machine data is not available. In these instances, some description of the process is given to assist the reader in determining if the process might be suitable for the application.

Single copy price: $54.00

Obtain an electronic copy from: sborrero@aws.org

Order from: sborrero@aws.org

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

CSA (CSA Group)

New Standard

BSR/CSA C450-201x, Photovoltaic (PV) module testing protocol for quality assurance programs (new standard)

This Standard Document outlines a PV module testing protocol for quality assurance programs. It is intended to be used by banks, developers, independent engineers, and manufacturers as a publicly available document reflecting industry best practices for module quality assurance and reliability testing. This Document is intended to be a stand-alone document that does not interact with other safety or qualification standards such as the UL 1703, IEC 61730, and IEC 61215. It is possible that some testing in this Document might duplicate testing in the UL 1703, IEC 61730, and IEC 61215 safety and qualification standards. However, market practices as they currently exist might require independent quality assurance and reliability testing and due diligence by parties not associated with the safety and qualification testing.

Single copy price: Free

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

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

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

CSA (CSA Group)

Revision

BSR/CSA Z21.11.2-201x, Standard for Gas-Fired Room Heaters, Volume II, Unvented Room Heaters (revision of ANSI Z21.11.2-2016)

Details test and examination criteria for unvented heaters for use with natural, manufactured, and mixed gases; liquefied propane gas; and LP gas-air mixtures. Such heaters are limited to maximum input ratings of 40,000 Btu per hour.

Single copy price: Free

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

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

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

NECA (National Electrical Contractors Association)

Revision

BSR/NECA 120-201X, Standard for Installing Armored Cable (Type AC) and Metal-Clad Cable (Type MC) (revision of ANSI/NECA 120-2012)

National Electrical Installation Standards (developed by NECA in partnership with other industry organizations) are the first performance standards for electrical construction. They go beyond the basic safety requirements of the National Electrical Code to clearly define what is meant by installing products and systems in a "neat and workmanlike" manner.

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

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

BSR/TAPPI T 275 sp-201x, Screening of pulp (Somerville-type equipment) (new standard)

The purpose of this method is to separate contaminants such as shives in mechanical pulp, and macro stickies, plastics, sand, metal pieces, and flakes in recycled fiber from pulp fibers for subsequent examination and/or quantification. This method employs a screening device and the separation is based on size difference between fibers and contaminants. However, depending on their flexibility and/or geometry, not all of the contaminants that are larger in size than fiber can be captured by the screen.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Laurence Womack, (770) 209-7276, standards@tappi.org

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

TIA (Telecommunications Industry Association)

Addenda

BSR/TIA 598-D-1-201x, Optical Fiber Color Coding in Cable, Addendum for Additional Colors (addenda to ANSI/TIA 598-D-2014)

This Standard defines four additional, alternative colors to complement the existing 12 colors of TIA 598 to support 16-fiber system architectures. It defines the colors (centroids and limits) and the coding scheme for 16-fiber architecture.

Single copy price: $67.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA; standards@tiaonline.org

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

TIA (Telecommunications Industry Association)

New National Adoption

BSR/TIA 455-234-A-201x, IEC-60793-1-52 Optical Fibres - Part 1-52: Measurement Methods and Test Procedures - Change of Temperature (identical national adoption of IEC-60793-1-52)

This is an adoption of the IEC document 60793-1-52 on Measurement Methods and Test Procedures - Change of Temperature. This part of IEC 60793 provides a practical method for evaluating fibre performance in a defined environment. The purpose of this standard is to define a test that determines the suitability of optical fibres (types A1a to A1d and B1 to B4) to withstand the environmental condition of changes in temperature which may occur in actual use, storage, and/or transport.

Single copy price: $61.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA; standards@tiaonline.org

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60079-11-201X, Standard for Safety for Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety “i” (national adoption of IEC 60079-11 with modifications and revision of ANSI/UL 60079-11-2014)

This proposal includes revisions for the Harmonization of Annex I of UL 60079-11 with IEC ISH3:2016 of IEC 60079-11-2011.

Single copy price: Free

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

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

Comment Deadline: June 19, 2018

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

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME B94.9-2008 (R201x), Taps: Ground and Cut Threads with Cut Thread Appendix (Inch and Metric Sizes) (reaffirmation of ANSI/ASME B94.9 -2008 (R2013))

This Standard cover various designs of standard taps, nomenclature, and definitions; the standard system of marking; and dimensions and tolerance tables for the types and styles of taps.

Single copy price: $60.00

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

For Reaffirmations and Withdrawn standards, please view our catalog at https://www.asme.org/shop/standards

Send comments (with copy to psa@ansi.org) to: April Amaral, AmaralA@asme.org

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME PTC 55-2013 (R201x), Gas Turbine Aircraft Engines (reaffirmation of ANSI/ASME PTC 55-2013)

This Code covers the performance testing of gas turbine aircraft engines at steady-state conditions. This Code applies to turbojet, turbofan, turboshaft, and turboprop engines. Additionally, the Code will encompass ram and/or altitude test conditions, including sea-level static test conditions.

Single copy price: $95.00

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

For Reaffirmations and Withdrawn standards, please view our catalog at https://www.asme.org/shop/standards

Send comments (with copy to psa@ansi.org) to: April Amaral, AmaralA@asme.org

IEEE (Institute of Electrical and Electronics Engineers)

New National Adoption

BSR/IEEE 24765-201x, ISO/IEC/IEEE International Standard - Systems and software engineering - Vocabulary (identical national adoption of ISO/IEC/IEEE 24765:2017)

Consistent with ISO vocabulary standards, each technical committee is responsible for standard terminology in its area of specialization. This document provides a common vocabulary applicable to all systems and software engineering work falling within the scope of ISO/IEC JTC 1/SC 7, Systems and software engineering, and the IEEE Computer Society Systems and Software Engineering Standards Committee (IEEE-CS S2ESC).

Single copy price: $328.00 (pdf); $410.00 (print)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: k.evangelista@ieee.org

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:

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI SW87-2012 (R201x), Application of quality management system concepts to medical device data systems (reaffirmation of ANSI/AAMI SW87 -2012)

Questions may be directed to: Will Vargas, (703) 647-2779, wvargas@aami.org

HI (Hydraulic Institute)

BSR/HI 9.6.2a-201x, Rotodynamic Pumps - General Guidelines for Determining Allowable Nozzle Loads (new standard)

30 Day Notice of Withdrawal: ANS 5 to 10 years past approval date

In accordance with clause 4.7.1 Periodic Maintenance of American National Standards of the ANSI Essential Requirements, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

AGA (ASC B109) (American Gas Association)

ANSI B109.1-2000 (R2008), Diaphragm-Type Gas Displacement Meters (Under 500 Cubic Feet Per Hour Capacity)

Questions may be directed to: Kimberly Denbow, AGA (ASC B109); kdenbow@aga.org

AGA (ASC B109) (American Gas Association)

ANSI B109.2-2000 (R2008), Diaphragm-Type Gas Displacement Meters (500 Cubic Feet Per Hour Capacity and Over)

Questions may be directed to: Kimberly Denbow, AGA (ASC B109); kdenbow@aga.org

AGA (ASC B109) (American Gas Association)

ANSI B109.3-2000 (R2008), Rotary-Type Gas Displacement Meters

Questions may be directed to: Kimberly Denbow, AGA (ASC B109); kdenbow@aga.org

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.

AAMI (Association for the Advancement of Medical Instrumentation)

ANSI/AAMI SW87-2012, Application of Quality Management System Concepts to Medical Device Data Systems (MDDS)

Questions may be directed to: Will Vargas, (703) 647-2779, wvargas@aami.org

API (American Petroleum Institute)

ANSI/API Spec 16A/ISO 13533-2001 (R2016), Specification for Drill-Through Equipment

Questions may be directed to: Edmund Baniak, (202) 682-8135, baniake@api.org

Call-for-Comment

BSR/IES TM-30-201x

Comment Deadline Extension: May 14, 2018

The Call for Comment Deadline for **BSR/IES TM-30-201x** has been extended to: **5/14/2018**. This notice first appeared in the 3/16/2018 edition of ANSI Standards Action.

BSR/IES TM-30-201x, IES Method for Evaluating Light Source Color Rendition (new standard)

This Technical Memorandum describes a method for evaluating light source color rendition that takes an objective and statistical approach, quantifying both average (color fidelity, gamut area) and hue-specific (fidelity, chroma shift, hue shift) properties of a light source using numerical and graphical techniques.

Single copy price: $25.00
Send comments (with copy to psa@ansi.org) to: pmcgillicuddy@ies.org
Obtain an electronic copy from: pmgillicuddy@ies.org

ASD Ordering Information
IES
Illuminating Engineering Society (IES)
Patricia McGillicuddy
pmcgillicuddy@ies.org
(917) 913-0027
120 Wall St., 17th Floor
New York, NY 10005
www.ies.org

Call-for-Comment

BSR/IKECA M-10-201x

Comment Deadline Extension: May 30, 2018

The Call for Comment Deadline for **BSR/IKECA M-10-201x** has been extended to **5/30/2018**. This notice first appeared in the 3/9/2018 edition of ANSI Standards Action.

BSR/IKECA M-10-201x, M-10 Standard for the Methodology for Maintenance of Commercial Kitchen Exhaust Systems (new standard)

This standard is to define acceptable methods to operate and maintain commercial kitchen exhaust systems by end users in the interim between professional system cleaning services. It applies to, but is not limited to, Type I exhaust systems as defined by NFPA 96 (NFPA 96, A.3.3.33). This standard does not apply to residential kitchen exhaust systems, replacement air systems, heating and air-conditioning systems, dryer exhaust systems, and toilet exhaust systems.

Single copy price: $30.00 (non-members); $24.00 (IKECA members)
Order from: International Kitchen Exhaust Cleaning System (IKECA)
Send comments (with copy to psa@ansi.org) to: information@ikeca.org
Obtain an electronic copy from: http://www.ikeca.org/standards/

ASD Ordering Information:
IKECA
International Kitchen Exhaust Cleaning Association
John Dixon
information@ikeca.org
(215) 320-3711
100 North 20th Street
Philadelphia, PA 19103-1462
www.ikeca.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 Dr., Suite 301
Arlington, VA 22203

Contact: *Amanda Benedict*

Phone: (703) 253-8284

Fax: (703) 276-0793

E-mail: abenedict@aami.org

BSR/AAMI ST98-201x, Cleaning validation of health care products - Requirements for development and validation of a cleaning process for medical devices (new standard)

BSR/AAMI/ISO 18250-3-201x, Medical devices - Connectors for reservoir delivery systems for healthcare applications - Part 3: Enteral applications (identical national adoption of ISO 18250-3)

BSR/AAMI/ISO CDV-2 14117-201x, Active implantable medical devices - Electromagnetic compatibility - EMC test protocols for implantable cardiac pacemakers, implantable cardioverter defibrillators, and cardiac resynchronization devices (identical national adoption of ISO 14117 (in development) and revision of ANSI/AAMI/ISO 14117-2012)

ASA (ASC S2) (Acoustical Society of America)

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

Contact: *Neil Stremmel*

Phone: (631) 390-0215

Fax: (631) 923-2875

E-mail: asastds@acousticalsociety.org

BSR ASA S2.9-2008 (R201x), Parameters for Specifying Damping Properties of Materials and System Damping (reaffirmation of ANSI ASA S2.9-2008 (R2013))

ASA (ASC S3) (Acoustical Society of America)

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

Contact: *Neil Stremmel*

Phone: (631) 390-0215

Fax: (631) 923-2875

E-mail: asastds@acousticalsociety.org

BSR ASA S3.50-2013 (R201x), Method for Evaluation of the Intelligibility of Text-to-Speech Synthesis Systems (reaffirmation of ANSI ASA S3.50-2013)

FCI (Fluid Controls Institute)

Office: 1300 Sumner Avenue
Cleveland, OH 44115

Contact: *Leslie Schraff*

Phone: (216) 241-7333

Fax: (216) 241-0105

E-mail: fci@fluidcontrolsinstitute.org

BSR/FCI 97-1-201x, Standard for Production Testing of Secondary Pressure Drainers (revision of ANSI/FCI 97-1-2013)

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 120-201X, Standard for Installing Armored Cable (Type AC) and Metal-Clad Cable (Type MC) (revision of ANSI/NECA 120-2012)

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 41-201x (i8r2), Non-liquid Saturated Treatment Systems (revision of ANSI/NSF 41-2016)

BSR/NSF 51-201x (i14Br1), Food Equipment Materials (revision of ANSI/NSF 51-2014)

SAWE (Society of Allied Weights Engineers)

Office: 5734 E Lucia Walk
Long Beach, CA 90803-4015

Contact: *Amanda Cutright*

Phone: (757) 864-9334

E-mail: amanda.m.cutright@nasa.gov

BSR/SAWE STD-A06-201x, Standard Coordinate System for Reporting the Mass Properties of Flight Vehicles RP A-6 (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Laurence Womack*

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 406 om-2013 (R201x), Reducible sulfur in paper and paperboard (reaffirmation of ANSI/TAPPI T 406 om-2013)

BSR/TAPPI T 428 om-2013 (R201x), Hot water extractable acidity or alkalinity of paper (reaffirmation of ANSI/TAPPI T 428 om-2013)

TIA (Telecommunications Industry Association)

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

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 455-234-A-201x, IEC-60793-1-52 Optical Fibres - Part 1-52: Measurement Methods and Test Procedures - Change of Temperature (identical national adoption of IEC-60793-1-52)

BSR/TIA 598-D-1-201x, Optical Fiber Color Coding in Cable, Addendum for Additional Colors (addenda to ANSI/TIA 598-D-2014)

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1 – Safety Requirements for Woodworking Machinery

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

- General Interest
- Government
- Producer
- User

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

Final Actions on American National Standards

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

APA (APA - The Engineered Wood Association)

Revision

* ANSI/APA PRS 610.1-2018, Standard for Performance-Rated Structural Insulated Panels in Wall Applications (revision of ANSI/APA PRS 610.1-2013): 4/16/2018

APTech (ASC CGATS) (Association for Print Technologies)

Reaffirmation

ANSI/CGATS/ISO 12640-4-2012 (R2018), Graphic technology - Prepress digital data exchange - Part 4: Wide gamut display-referred standard colour image data [Adobe RGB (1998)/SCID] (reaffirmation of ANSI CGATS/ISO 12640-4-2012): 4/17/2018

IES (Illuminating Engineering Society)

Reaffirmation

ANSI/IESNA LM-73-2004 (R2017), Approved Method for Photometric Testing of Entertainment Lighting Luminaires Using Incandescent Filament Lamps or High Intensity Discharge Lamps (reaffirmation of ANSI/IESNA LM-73-2004 (R2009)): 4/16/2018

ISA (International Society of Automation)

New National Adoption

ANSI/ISA 61511-3 (84.00.01)-2018, Functional safety - Safety instrumented systems for the process industry sector - Part 3: Guidance for the determination of the required safety integrity levels (identical national adoption of IEC 61511-3 Ed. 2.0): 4/17/2018

NEMA (ASC C136) (National Electrical Manufacturers Association)

Reaffirmation

ANSI C136.1-2012 (R2018), Roadway and Area Lighting Equipment - Filament Lamps - A Guide for Selection (reaffirmation of ANSI C136.1-2012): 4/17/2018

ANSI C136.6-2004 (R2018), Roadway and Area Lighting Equipment - Metal Heads and Reflector Assemblies - Mechanical and Optical Interchangeability (reaffirmation of ANSI C136.6-2004 (R2012)): 4/17/2018

ANSI C136.9-2004 (R2018), Roadway and Area Lighting Equipment - Socket Support Assemblies for Metal Heads - Mechanical Interchangeability (reaffirmation of ANSI C136.9-2004 (R2012)): 4/17/2018

ANSI C136.29-2011 (R2018), Roadway and Area Lighting Equipment - Metal Halide Lamps - Guide for Selection (reaffirmation of ANSI C136.29-2011): 4/17/2018

NEMA (ASC C78) (National Electrical Manufacturers Association)

Stabilized Maintenance

* ANSI C78.60432.1-2003 (S2018), Standard for Electric Lamps - Incandescent Lamps - Safety Specifications - Part 1:Tungsten Filament Lamps for Domestic and Similar General Lighting Purposes (stabilized maintenance of ANSI C78.60432.1-2003 (R2011)): 4/17/2018

Withdrawal

* ANSI C78.370/390 lcd-2002 (R2011), Standard for Electric Lamps - Amendments to ANSI C78.370-1997 and ANSI C78.390-1998 (withdrawal of ANSI C78.370/390 lcd-2002 (R2011)): 4/17/2018

NSF (NSF International)

Revision

ANSI/NSF 245-2018 (i13r1), Wastewater Treatment Systems - Nitrogen Reduction (revision and redesignation of ANSI/NSF 245 -2010 (i4)): 4/15/2018

ANSI/NSF 245-2018 (i14r1), Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2013): 4/16/2018

TIA (Telecommunications Industry Association)

New Standard

ANSI/TIA 920.130-B-2018, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Digital Telephones with Headsets (new standard): 4/17/2018

UL (Underwriters Laboratories, Inc.)

Reaffirmation

ANSI/UL 1478-2004 (R2018), Standard for Safety for Fire Pump Relief Valves (reaffirmation of ANSI/UL 1478-2004 (R2013)): 4/12/2018

Revision

ANSI/UL 1468-2018, Standard for Safety for Direct Acting Pressure Reducing and Pressure Restricting Valves (revision of ANSI/UL 1468-2016): 4/13/2018

ANSI/UL 1635-2018, Standard for Safety for Digital Alarm Communicator System Units (revision of ANSI/UL 1635-2015): 4/13/2018

ANSI/UL 1635-2018a, Standard for Safety for Digital Alarm Communicator System Units (revision of ANSI/UL 1635-2015): 4/13/2018

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)

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Colorado Springs, CO 80904
Contact: *Teresa Ambrosius*
E-mail: tambrosius@aafs.org

BSR/ASB Std 069-201x, Test Method for Measuring Barrel and Overall Length of Firearms (new standard)

Stakeholders: This standard is applicable to all forensic science service providers who provide conclusions regarding toolmark-related evidence.

Project Need: Expand and provide greater specificity than current guidelines for the measuring of barrel and overall lengths of firearms.

Provide a standard for the measuring of barrel and overall lengths of firearms by a forensic firearm and toolmark examiner.

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N. Fairfax Dr., Suite 301
Arlington, VA 22203
Contact: *Amanda Benedict*
Fax: (703) 276-0793
E-mail: abenedict@aami.org

BSR/AAMI ST98-201x, Cleaning validation of health care products - Requirements for development and validation of a cleaning process for medical devices (new standard)

Stakeholders: Medical device manufacturers, academic institutions, regulatory agencies.

Project Need: There are no standards that clearly lay out the requirements of a cleaning validation. This document would: Maintain literature in AAMI TIR30 in the Annex of Standard; Reference current and updated standards that provide the “how-to” perform a cleaning validation once the requirements are laid out in this standard; Provide clear acceptance criteria for cleaning.

This standard covers the requirements to validate the cleaning instructions that are provided by the medical device manufacturer for processing medical devices.

ABYC (American Boat and Yacht Council)

Office: 613 Third Street
Suite 10
Annapolis, MD 21403
Contact: *Sara Moulton*
E-mail: smoulton@abycinc.org

BSR/ABYC P-18-201x, Cable over Pulley Steering Systems for Outboard Engines (revision of ANSI/ABYC P-18-2013)

Stakeholders: Boat manufacturers, engine manufacturers, accessory manufacturers; Trade associations; Specialist service; Government.

Project Need: Conduct systematic review concerning cable over pulley steering systems.

This standard applies to cable over pulley steering systems, and the major components thereof, between the helm and their connection to outboard engines up to, and including, 50 total horsepower (37 kW).

ADA (American Dental Association)

Office: 211 East Chicago Avenue
Chicago, IL 60611-2678
Contact: *Paul Bralower*
Fax: (312) 440-2529
E-mail: bralowerp@ada.org

BSR/ADA Specification 39-201x, Polymer-Based Pit and Fissure Sealants (national adoption of ISO 6874:2015 with modifications and revision of ANSI/ADA Specification 39-2006 (R2011))

Stakeholders: Manufacturers, dentists.

Project Need: The revision of ISO 6874 provides corrections of substance from the original document that are suitable for adoption as a corrected ADA standard.

This standard specifies requirements and test methods for polymer-based materials intended for sealing pits and fissures in teeth. It covers both self-curing and external-energy-activated materials.

API (American Petroleum Institute)

Office: 1220 L Street, NW
Washington, DC 20005-4070

Contact: *Roland Goodman*

Fax: (202) 962-4797

E-mail: goodmanr@api.org

BSR/API Specification 19G2 Amd-201x, Flow-Control Devices for Side-Pocket Mandrels (supplement to ANSI/API Specification 19G2 -2010)

Stakeholders: Petroleum completion equipment manufacturers and purchasers.

Project Need: Amend identical national adoption of ISO standard.

Provides requirements for subsurface flow-control devices used in side-pocket mandrels (called flow-control devices in this standard) intended for use in the worldwide petroleum and natural gas industry. This includes requirements for specifying, selecting, designing, manufacturing, quality-control, testing, and preparation for shipping of flow-control devices. Additionally, it includes information regarding performance testing and calibration procedures.

ASC X9 (Accredited Standards Committee X9, Incorporated)

Office: 275 West Street
Suite 107
Annapolis, MD 21401

Contact: *Ambria Frazier*

E-mail: Ambria.frazier@x9.org

BSR X9.100-188-201x, Return Reasons (revision of ANSI X9.100-188 -2016)

Stakeholders: Banks, software and hardware vendors and other users (corporations, consumers, etc.).

Project Need: Maintenance and revision management: Cycle revisions due to Fed Reg CC changes.

This standard which maintains the list of Return Reason codes that are used by the Financial Services industry for image exchange and the creation of IRDs is being revised to cycle revisions due to recent Fed Reg CC changes effective July 1, 2018.

ASTM (ASTM International)

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

Contact: *Corice Leonard*

Fax: (610) 834-3683

E-mail: accreditation@astm.org

BSR/ASTM WK62967-201x, New Specification for Fabricated Fittings of Cross-Linked Polyethylene (new standard)

Stakeholders: Fittings industry.

Project Need: This new standard will establish a new product-type to the fittings industry which is manufactured from a cross-linkable polyethylene formulae by combined action of heat and moisture. Such fittings should be of great interest to the industry for larger diameter (6 NPS and greater) PEX pipelines where elevated temperature applications are anticipated. Users would include the pipeline construction industry as well as fittings manufacturers.

This specification establishes requirements for fabricated fittings intended for use with outside-diameter controlled cross-linkable polyethylene pipe and tubing. These fittings are manufactured by heat-fusion joining shape-modified cross-linkable polyethylene components prepared from pipe, molded fittings, sheet, billet, or block. Included are requirements for materials, design, workmanship, minimum dimensions, marking, test methods, and quality control.

BSR/ASTM WK62968-201x, New Practice for Butt Fusion Joining of PE Pipe and Fittings Suitable for Subsequent Cross-Linking (new standard)

Stakeholders: Joining industry.

Project Need: This new standard practice will establish the procedures to follow to create a butt fusion joint from a new product-type to the plastic pipe industry which is manufactured from a cross-linkable polyethylene formulae by combined action of heat and moisture.

This practice describes procedures for making joints with polyethylene (PE) pipe and fittings which are suitable for subsequent cross-linking by means of heat fusion joining in, but not limited to, a field environment. Other suitable heat-fusion joining procedures are available from various sources including pipe and fitting manufacturers.

FCI (Fluid Controls Institute)

Office: 1300 Sumner Avenue
Cleveland, OH 44115

Contact: *Leslie Schraff*

Fax: (216) 241-0105

E-mail: fci@fluidcontrolsinstitute.org

BSR/FCI 97-1-201x, Standard for Production Testing of Secondary Pressure Drainers (revision of ANSI/FCI 97-1-2013)

Stakeholders: Manufacturers, users and specifiers of secondary pressure drainers.

Project Need: The standard was developed to provide manufacturers, users, and specifiers of the products with uniform methods and requirements to conduct production testing of secondary pressure drainers.

The standard specifies production tests that are considered applicable to secondary pressure drainers. These tests may be conducted to ensure the correct functioning of either: (1) complete secondary pressure drainers or (2) the operating mechanisms thereof.

NEMA (ASC C12) (National Electrical Manufacturers Association)

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

Contact: *Paul Orr*

Fax: (703) 841-3327

E-mail: Pau_orr@nema.org

BSR C12/IEC 62056-5-3 ED3-201x, Electricity metering data exchange - The DLMS/COSEM suite - Part 5-3:DLMS/COSEM application layer (identical national adoption of IEC 62056-5-3 ED3)

Stakeholders: Utilities, electricity meter manufacturers.

Project Need: There is growing interest from the TC13 community to move DLMS/COSEM further as a global standard that can be adapted and used anywhere in the world.

This part of IEC 62056 specifies the DLMS/COSEM application layer in terms of structure, services and protocols for DLMS/COSEM clients and servers, and defines rules to specify the DLMS/COSEM communication profiles. It defines services for establishing and releasing application associations, and data communication services for accessing the methods and attributes of COSEM interface objects, defined in IEC 62056-6-2 using either logical name (LN) or short name (SN) referencing.

BSR C12/IEC 62056-6-1 ED3-201x, Electricity metering data exchange - The DLMS/COSEM suite - Part 6-1: Object Identification System (OBIS) (identical national adoption of IEC 62056-6-1 ED3)

Stakeholders: Utilities, electricity meter manufacturers.

Project Need: There is growing interest from the TC13 community to move DLMS/COSEM further as a global standard that can be adapted and used anywhere in the world.

This part of IEC 62056 specifies the overall structure of the OBject Identification System (OBIS) and the mapping of all commonly used data items in metering equipment to their identification codes. OBIS provides a unique identifier for all data within the metering equipment, including not only measurement values, but also abstract values used for configuration or obtaining information about the behaviour of the metering equipment.

BSR C12/IEC 62056-6-2 ED3-201x, Electricity metering data exchange - The DLMS/COSEM suite - Part 6-2: COSEM interface classes (identical national adoption of IEC 62056-6-2 ED3)

Stakeholders: Electric utilities, meter manufacturers.

Project Need: There is growing interest from the TC13 community to move DLMS/COSEM further as a global standard that can be adapted and used anywhere in the world.

This part of IEC 62056 specifies a model of a meter as it is seen through its communication interface(s). Generic building blocks are defined using object-oriented methods, in the form of interface classes to model meters from simple up to very complex functionality.

BSR C12/IEC 62056-9-7 ED 1.0-201x, Electricity metering data exchange - Communication profile for TCP-UDP/IP networks (identical national adoption of IEC 62056-9-7 ED 1.0)

Stakeholders: Electric utilities, electricity meter manufacturers.

Project Need: There is growing interest from the TC13 community to move DLMS/COSEM further as a global standard that can be adapted and used anywhere in the world.

This part of IEC 62056 specifies the DLMS/COSEM communication profile for TCP-UDP/IP networks.

BSR C12/IEC TS 62056-8-20 ED 1.0-201x, Electricity metering data exchange - The DLMS/COSEM suite - Part 8-20: Mesh communication profile for neighbourhood networks (identical national adoption of IEC TS 62056-8-20 ED 1.0)

Stakeholders: Utilities, electricity meter manufacturers.

Project Need: There is growing interest from the TC13 community to move DLMS/COSEM further as a global standard that can be adapted and used anywhere in the world.

This part of IEC 62056 specifies a DLMS/COSEM communication profile that can be used in a smart metering system in which the Neighbourhood Networks (NN) are mesh networks. This profile may be considered as an adaptation and extension of the UDP/IP communication profile specified in IEC 62056-9-7:2013. As in that standard, the PHY and MAC layers are out of the scope.

NEMA (National Electrical Manufacturers Association)

Office: 1300 N 17th Street, Suite 900
Arlington, VA 22209

Contact: *Peter Weems*

E-mail: pweems@medicalimaging.org

BSR/NEMA/MITA 3-201X, Quality management requirements for servicing of medical devices (new standard)

Stakeholders: Medical device manufacturers, independent medical-device servicing organizations, clinical engineers, healthcare technology management professionals, healthcare providers, medical device operators, patients.

Project Need: Appropriate quality management programs to ensure the safe and effective performance of medical devices have not been applied by all medical device service providers. Minimum quality management requirements for servicing activities are needed.

This standard describes and defines the minimum quality management system requirements for servicing of medical devices to ensure return to a safe and effective condition.

SAWE (Society of Allied Weights Engineers)

Office: 5734 E Lucia Walk
Long Beach, CA 90803-4015

Contact: *Amanda Cutright*

E-mail: amanda.m.cutright@nasa.gov

BSR/SAWE STD-A06-201x, Standard Coordinate System for Reporting the Mass Properties of Flight Vehicles RP A-6 (new standard)

Stakeholders: Developers and suppliers of aircraft, spacecraft, and launch vehicles.

Project Need: The recommended practice needs to be updated to incorporate additional scope, update relevant aspects that have evolved since the last major update [1999], and also go through the ANSI process to provide accredited consensus across the industry. Specifically, the RP to be updated is to include the scope of inertia topics that have impacted the missiles and space industry in the past and possibly prevent possible issues in the future. Typically used coordinate systems have also evolved over time and the recommended references need to be expanded upon to be more relevant. Incorporating the proposed additional scope into the standard will allow mass properties engineers to reduce errors or technical challenges regarding inertias and also update the coordinate system and other reporting aspect to be more current with respect to daily practices in the industry.

The intent of this Standard is to reduce errors and costs associated with improperly defined coordinate axis systems and reporting methods for air and space vehicles. Although mass properties engineers will often be forced to use coordinate systems dictated by other parties, the SAWE strongly encourages use of defined standards whenever there is freedom to choose a coordinate system. Additionally, since consistent and clear reporting designations for mass properties are important, the proposed addition of scope to include integral definitions for products of inertias is likely to result in a name change when going from an SAWE recommended practice to this proposed ANSI/SAWE standard.

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Laurence Womack*

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 406 om-2013 (R201x), Reducible sulfur in paper and paperboard (reaffirmation of ANSI/TAPPI T 406 om-2013)

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

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

This method describes two procedures for the determination of reducible sulfur in paper and paperboard within the context of the given definitions. The quantitative procedure found in Section 9 gives a measure of the reducible sulfur with the precision shown in Section 12. The semi-quantitative test described in Section 13 indicates the general level of reducible sulfur with limited accuracy.

BSR/TAPPI T 428 om-2013 (R201x), Hot water extractable acidity or alkalinity of paper (reaffirmation of ANSI/TAPPI T 428 om-2013)

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

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

This method, based on the work of Kohler and Hall, measures the titratable acidity or alkalinity (end point at pH 7.0) of an aqueous extract of paper (filtered and extracted by boiling water for 1 h). It specifies one extraction and so does not measure the total acidity or alkalinity of paper, for which exhaustive extraction is required. It may be applied to writing, printing, and sized industrial paper but is not intended for testing electrical insulating papers.

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)**
- **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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Fax: (703) 276-0793
Web: www.aami.org

ABYC
American Boat and Yacht Council
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Phone: (410) 990-4460
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ADA (Organization)
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Web: www.ada.org

AMCA
Air Movement and Control Association
30 West University Drive
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Phone: (847) 704-6285
Web: www.amca.org

APA
APA - The Engineered Wood Association
7011 South 19th Street
Tacoma, WA 98466
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Fax: (253) 565-7265
Web: www.apawood.org

API
American Petroleum Institute
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ASA (ASC S2)
Acoustical Society of America
1305 Walt Whitman Road Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 923-2875
Web: www.acousticalsociety.org

ASA (ASC S3)
Acoustical Society of America
1305 Walt Whitman Road Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 923-2875
Web: www.acousticalsociety.org

ASABE
American Society of Agricultural and Biological Engineers
2920 Niles Rd.
Saint Joseph, MI 49085
Phone: (269) 932-7009
Web: www.asabe.org

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

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

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

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

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

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

FCI
Fluid Controls Institute
1300 Sumner Avenue
Cleveland, OH 44115
Phone: (216) 241-7333
Fax: (216) 241-0105
Web: www.fluidcontrolsinstitute.org

IEEE
Institute of Electrical and Electronics Engineers (IEEE)
445 Hoes Lane
Piscataway, NJ 08854
Phone: (732) 562-3854
Fax: (732) 796-6966
Web: www.ieee.org

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

ISA (Organization)
International Society of Automation
67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9213
Fax: (919) 549-8288
Web: www.isa.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 C12)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3227
Fax: (703) 841-3327
Web: www.nema.org

NEMA (ASC C136)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3378
Web: www.nema.org

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

NEMA (Canvass)
National Electrical Manufacturers Association
1300 N 17th Street, Suite 900
Arlington, VA 22209
Phone: (703) 841-3238
Web: www.nema.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 418-6660
Web: www.nsf.org

SAWE
Society of Allied Weights Engineers

5734 E Lucia Walk
Long Beach, CA 90803-4015
Phone: (757) 864-9334
Web: www.sawe.org

SPRI
Single Ply Roofing Industry

465 Waverley Oaks Road
Suite 421
Waltham, MA 02452
Phone: (781) 647-7026
Fax: (781) 647-7222
Web: www.spri.org

TAPPI
Technical Association of the Pulp and Paper Industry

15 Technology Parkway South
Peachtree Corners, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

TIA
Telecommunications Industry Association

1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

12 Laboratory Drive
Research Triangle Park, NC
27709-3995
Phone: (919) 549-1851
Web: www.ul.com

Intent to Process Provisional (ANS)
American National Standard

Announcement of Intent to Process Provisional ANS (PS) in accordance with Annex B of the ANSI Essential Requirements (www.ansi.org/essentialrequirements)

AAMI EQ93: 2018, *Medical Equipment Management—Vocabulary used in Medical Equipment Programs*

Circumstances warranting the issuance of AAMI EQ93 as a Provisional ANS:

There is pressing need in medical equipment management, servicing and repair for clear and distinct definitions for key terms. Without clear differentiation as to what constitutes refurbishing, repair, servicing or remarketing, assigning roles and responsibilities around performing these tasks becomes difficult. Creating agreements, contracts or even regulations governing these activities is even more problematic. In addition, efforts to assess problems (or lack of problems) associated with servicing of devices is hindered if different stakeholders and parties are using servicing terms differently.

The terms in the proposed standard are based on a list of terms originally prepared by the FDA in its review of servicing issues. The EQ committee revised these definitions to ensure that they clearly defined and delineated the terms in a way that will be useful to the community. They are provided here in a Provisional American National Standard—a standard for trial use so that wider use and community input can help determine whether the definitions can fulfill their goal of ensuring common understanding when the terms are used.

The standard may be downloaded for free at
http://my.aami.org/store/SearchResults.aspx?searchterm=EQ93&searchoption=ALL

Comments and suggested changes to the standard may be submitted to standards@aami.org.

Special Announcement of the National Fire Protection Association

Issuance of Provisional Standard NFPA 3000™(PS), *Standard for an Active Shooter/Hostile Event Response (ASHER) Program*

In compliance with ANSI Essential Requirements, Annex B, Section B.1.6, the National Fire Protection Association is announcing the issuance of NFPA 3000™(PS), *Standard for an Active Shooter/Hostile Event Response (ASHER) Program*, 2018 edition, as a ANSI Provisional Standard. NFPA 3000™(PS), was approved by the NFPA Standards Council and issued on April 11, 2018.

Please be advised that NFPA will enter NFPA 3000™(PS) into a full revision cycle within 45 days. Upon entering the cycle, the standard will be open for the submission of public input by anyone interested. If you would like further information or need assistance in participating in the NFPA standards development process, please contact NFPA Standards Administration at stds_admin@nfpa.org or 617-984-7246.

IEC Draft International Standards

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

Comments

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

Ordering Instructions

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

17C/679/DTS, IEC TS 62271-304 ED2: High-voltage switchgear and controlgear - Part 304: Classification of indoor enclosed switchgear and controlgear for rated voltages above 1 kV up to and including 52 kV related to the use in severe service conditions with respect to condensation and pollution, 018/7/6/

34D/1369/CD, IEC 60598-1/AMD2/FRAG20 ED8: Luminaires - Part 1: General requirements and tests, 018/7/6/

34D/1370/CD, IEC 60598-1/AMD2/FRAG21 ED8: Luminaires - Part 1: General requirements and tests, 018/7/6/

34A/2069/CDV, IEC 63146 ED1: LED packages for general lighting - Specification sheet, 018/7/6/

45A/1201/FDIS, IEC 62138 ED2: Nuclear power plants - Instrumentation and control systems important to safety - Software aspects for computer-based systems performing category B or C functions, 2018/5/25

45A/1202/CD, IEC/IEEE 63113 ED1: Nuclear facilities - Instrumentation important to safety - Spent fuel pool instrumentation, 018/7/6/

48D/668/FDIS, IEC 60297-3-110 ED1: Mechanical structures for electrical and electronic equipment -Dimensions of mechanical structures of the 482,6 mm (19 in) Series - Part 110: residential racks and cabinets for smart houses, 2018/5/25

48D/670/CD, IEC 61969-3 ED3: Mechanical structures for electronic equipment - Outdoor enclosures - Part 3: Environmental requirements, tests and safety aspects, 018/6/8/

48D/671/CD, IEC 61969-1 ED3: Mechanical structures for electronic equipment - Outdoor enclosures - Part 1: Design guidelines, 018/6/8/

61H/366/FDIS, IEC 60335-2-76 ED3: Household and similar electrical appliances - Safety - Part 2-76: Particular requirements for electric fence energizers, 2018/5/25

62B/1091/NP, PNW 62B-1091: Evaluation and routine testing in medical imaging departments - Acceptance testing and quality control of dental extra-oral X-ray equipment used with dental cone beam computed tomography, 018/7/6/

62B/1092/DC, Proposal to amend IEC 62563-1 Medical electrical equipment - Medical image display systems - Part 1: Evaluation methods, 2018/5/25

62B/1093/NP, PNW 62B-1093: Medical electrical equipment - Medical image display systems - Acceptance and constancy tests, 2018/5/11

62A/1268/CD, IEC 60601-1-10/AMD2 ED1: Amendment 2 - Medical electrical equipment - Part 1-10: General requirements for basic safety and essential performance - Collateral Standard: Requirements for the development of physiologic closed-loop controllers, 018/6/8/

65A/864/Q, Revision of IEC 61512-1:1997 Edition 1.0 Batch control - Part 1: Models and terminology, 2018/5/25

65A/867/NP, PNW TS 65A-867: Requirements and guidance in the use of mathematical and logical techniques for establishing exact properties of software and its documentation, 018/6/8/

65C/918/CDV, IEC 62734/AMD1 ED1: Industrial networks - Wireless communication network and communication profiles - ISA 100.11a, 018/7/6/

86C/1519/CD, IEC 62149-11 ED1: Fibre optic active components and devices - Performance standards - Part 11: Multiple channel transmitter/receiver chip scale package with multimode fibre interface, 018/7/6/

86A/1865/CD, IEC 60794-1-21/AMD1 ED1: Optical fibre cables - Part 1-21: Generic specification - Basic optical cable test procedures - Mechanical tests methods, 018/7/6/

34/517/DTR, IEC TR 63037 ED2: Electrical interface specification for self ballasted lamps and controlgear in phase-cut dimmed lighting systems, 018/6/8/

104/802/CD, IEC TR 63141 ED1: Damp heat, steady state (unsaturated pressurized vapour with air), 018/7/6/

113/422/NP, PNW 113-422: IEC TS 62607-4-8: Nanomanufacturing - Key control characteristics - Part 4-8: Nano-enabled electrical energy storage devices - Determination of water content for electrode nanomaterials by the Karl Fischer Method, 018/7/6/

119/217/CD, IEC 62899-505 ED1: Printed electronics - Part 505: Quality assessment - Flexible gas sensor: Mechanical and thermal testing, 018/7/6/

47/2465/CDV, IEC 60749-17 ED2: Semiconductor devices - Mechanical and climatic test methods - Part 17: Neutron irradiation, 018/7/6/

47/2478/NP, PNW 47-2478: Semiconductor devices - Non-destructive recognition criteria of defects in silicon carbide homoepitaxial wafer for power devices - Part 3: Test method for defects using photoluminescence, 018/7/6/

49/1282/DTS, IEC TS 61994-4-1 ED3: Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection - Glossary - Part 4-1: Piezoelectric materials - Synthetic quartz crystal, 018/7/6/

49/1283/DTS, IEC TS 61994-4-4 ED3: Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection - Glossary - Part 4-4: Piezoelectric materials - Single crystal wafers for surface acoustic wave (SAW) devices, 018/7/6/

57/1986/DTR, IEC TR 61850-7-6 ED1: Communication networks and systems for power utility automation - Part 7-6: Guideline for definition of Basic Application Profiles (BAPs) using IEC 61850, 018/6/8/

CABPUB/160/DTS, ISO/IEC DTS 17021-11: Conformity assessment -- Requirements for bodies providing audit and certification of management systems -- Part 11: Competence requirements for auditing and certification of Facility Management Systems, 018/7/6/

CIS/A/1257/FDIS, CISPR 16-4-2/AMD2 ED2: Amendment 2 - Specification for radio disturbance and immunity measuring apparatus and methods - Part 4-2: Uncertainties, statistics and limit modelling - Measurement instrumentation uncertainty, 2018/5/25

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

BANKING AND RELATED FINANCIAL SERVICES (TC 68)

ISO 21188:2018, Public key infrastructure for financial services - Practices and policy framework, $232.00

DENTISTRY (TC 106)

ISO 7488:2018, Dentistry - Mixing machines for dental amalgam, $103.00

ISO 20608:2018, Dentistry - Powder jet handpieces and powders, $103.00

ISO 28319:2018, Dentistry - Laser welding and filler materials, $103.00

EARTH-MOVING MACHINERY (TC 127)

ISO 13766-1:2018, Earth-moving and building construction machinery - Electromagnetic compatibility (EMC) of machines with internal electrical power supply - Part 1: General EMC requirements under typical electromagnetic environmental conditions, $185.00

ISO 13766-2:2018, Earth-moving and building construction machinery - Electromagnetic compatibility (EMC) of machines with internal electrical power supply - Part 2: Additional EMC requirements for functional safety, $68.00

IMPLANTS FOR SURGERY (TC 150)

ISO 14607:2018, Non-active surgical implants - Mammary implants - Particular requirements, $185.00

METALLIC AND OTHER INORGANIC COATINGS (TC 107)

ISO 14918:2018, Thermal spraying - Qualification testing of thermal sprayers, $138.00

NANOTECHNOLOGIES (TC 229)

ISO 19007:2018, Nanotechnologies - In vitro MTS assay for measuring the cytotoxic effect of nanoparticles, $162.00

OTHER

IWA 28:2018, Faecal sludge treatment units - Energy independent, prefabricated, community-scale resource-recovery units - Safety and performance, $209.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO 15029-2:2018, Petroleum and related products - Determination of spray ignition characteristics of fire-resistant fluids - Part 2: Spray test - Stabilised flame heat release method, $162.00

PLASTICS (TC 61)

ISO 877-3:2018, Plastics - Methods of exposure to solar radiation - Part 3: Intensified weathering using concentrated solar radiation, $68.00

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

ISO 13259:2018, Thermoplastics piping systems for underground non-pressure applications - Test method for leaktightness of elastomeric sealing ring type joints, $68.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 8385:2018, Ships and marine technology - Dredgers - Classification, $45.00

SIZING SYSTEMS AND DESIGNATIONS FOR CLOTHES (TC 133)

ISO 18890:2018, Clothing - Standard method of garment measurement, $209.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO 19617:2018, Traditional Chinese medicine - General requirements for the manufacturing process of natural products, $103.00

ISO Technical Reports

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO/TR 20520:2018, Traditional Chinese medicine - Infection control for acupuncture treatment, $45.00

ISO Technical Specifications

HEALTH INFORMATICS (TC 215)

ISO/TS 21089:2018, Health informatics - Trusted end-to-end information flows, $232.00

SOIL QUALITY (TC 190)

ISO/TS 16751:2018, Soil quality - Environmental availability of non-polar organic compounds - Determination of the potential bioavailable fraction and the non-bioavailable fraction using a strong adsorbent or complexing agent, $103.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 11801-1/Cor1:2018, Information technology - Generic cabling for customer premises - Part 1: General requirements - Corrigendum, FREE

ISO/IEC 11801-2/Cor1:2018, Information technology - Generic cabling for customer premises - Part 2: Office premises - Corrigendum, FREE

ISO/IEC 11801-3/Cor1:2018, Information technology - Generic cabling for customer premises - Part 3: Industrial premises - Corrigendum, FREE

ISO/IEC 11801-4/Cor1:2018, Information technology - Generic cabling for customer premises - Part 4: Single-tenant homes - Corrigendum, FREE

ISO/IEC 11801-5/Cor1:2018, Information technology - Generic cabling for customer premises - Part 5: Data centres - Corrigendum, FREE

ISO/IEC 11801-6/Cor1:2018, Information technology - Generic cabling for customer premises - Part 6: Distributed building services - Corrigendum, FREE

ISO/IEC 23001-11/Amd2:2018, Carriage of green metadata in an HEVC SEI message - Amendment 2: Conformance and reference software, $19.00

ISO/IEC 30115:2018, Information technology - Redfish scalable platforms management API specification, $232.00

ISO/IEC 14443-1:2018, Cards and security devices for personal identification - Contactless proximity objects - Part 1: Physical characteristics, $68.00

ISO/IEC 23091-3:2018, Information technology - Coding-independent code points - Part 3: Audio, $138.00

ISO/IEC 19823-13:2018, Information technology - Conformance test methods for security service crypto suites - Part 13: Cryptographic Suite Grain-128A, $138.00

ISO/IEC 29110-4-1:2018, Systems and software engineering - Lifecycle profiles for Very Small Entities (VSEs) - Part 4-1: Software engineering - Profile specifications: Generic profile group, $103.00

IEC Standards

AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)

IEC 62087-3 Ed. 1.0 b:2015, Audio, video, and related equipment - Determination of power consumption - Part 3: Television sets, $235.00

IEC 61937-13 Ed. 1.0 en:2018, Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 13: MPEG-H 3D Audio, $117.00

IEC 62680-1-2 Ed. 3.0 en:2018, Universal serial bus interfaces for data and power - Part 1-2: Common components - USB Power Delivery specification, $410.00

IEC 62680-1-4 Ed. 1.0 en:2018, Universal serial bus interfaces for data and power - Part 1-4: Common components - USB Type-C™ Authentication Specification, $352.00

IEC 62680-2-3 Ed. 1.0 b:2015, Universal serial bus interfaces for data and power - Part 2-3: Universal Serial Bus Cables and Connectors Class Document Revision 2.0, $281.00

AUTOMATIC CONTROLS FOR HOUSEHOLD USE (TC 72)

IEC 60730-2-13 Ed. 3.0 b:2017, Automatic electrical controls - Part 2 -13: Particular requirements for humidity sensing controls, $117.00

ELECTRICAL APPARATUS FOR EXPLOSIVE ATMOSPHERES (TC 31)

IEC/IEEE 60079-30-1 Ed. 1.0 b:2015, Explosive atmospheres - Part 30-1: Electrical resistance trace heating - General and testing requirements, $352.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

IEC 60601-2-76 Ed. 1.0 b:2018, Medical electrical equipment - Part 2 -76: Particular requirements for the basic safety and essential performance of low energy ionized gas haemostasis equipment, $199.00

EQUIPMENT FOR ELECTRICAL ENERGY MEASUREMENT AND LOAD CONTROL (TC 13)

IEC 62056-5-3 Ed. 3.0 b:2017, Electrcity metering data exchange - The DLMS/COSEM suite - Part 5-3: DLMS/COSEM application layer, $410.00

IEC 62056-7-3 Ed. 1.0 b:2017, Electricity metering data exchange - The DLMS/COSEM suite - Part 7-3: Wired and wireless M-Bus communication profiles for local and neighbourhood networks, $235.00

FIBRE OPTICS (TC 86)

IEC 60794-1-22 Ed. 2.0 b:2017, Optical fibre cables - Part 1-22: Generic specification - Basic optical cable test procedures - Environmental test methods, $235.00

FUEL CELL TECHNOLOGIES (TC 105)

IEC 62282-5-100 Ed. 1.0 b:2018, Fuel cell technologies - Part 5-100: Portable fuel cell power systems - Safety, $352.00

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC 62386-207 Ed. 2.0 b:2018, Digital addressable lighting interface - Part 207: Particular requirements for control gear - LED modules (device type 6), $164.00

IEC 62386-222 Ed. 1.0 b:2018, Digital addressable lighting interface - Part 222: Particular requirements for control gear - Thermal lamp protection (device type 21), $82.00

IEC 62386-333 Ed. 1.0 en:2018, Digital addressable lighting interface - Part 333: Particular requirements for control devices - Manual configuration (feature type 33), $164.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

IEC 61970-CGMES Ed. 1.0 b:2018, Energy management system application program interface (EMS-API) - Common Grid Model Exchange Specification (CGMES), $2567.00

IEC 61970-302 Ed. 1.0 b:2018, Energy management system application program interface (EMS-API) - Part 302: Common information model (CIM) dynamics, $410.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

IEC 60335-2-114 Ed. 1.0 b:2018, Household and similar electrical appliances - Safety - Part 2-114: Particular requirements for self-balancing personal transport devices for use with batteries containing alkaline or other non-acid electrolytes, $117.00

SEMICONDUCTOR DEVICES (TC 47)

IEC 60191-2 Amd.20 Ed. 1.0 en:2018, Amendment 20 - Mechanical standardization of semiconductor devices - Part 2: Dimensions, $82.00

IEC Technical Specifications

PROCESS MANAGEMENT FOR AVIONICS (TC 107)

IEC/TS 62647-4-V0 Ed. 1.0 en:2018, Process management for avionics - Aerospace and defence electronic systems containing lead-free solder - Part 4: Ball grid array (BGA) re-balling, $281.00

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4975.

The following is a list of alphanumeric organization names that have been submitted to ANSI for registration. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

PUBLIC REVIEW

Antech Imaging Services

Public Review: March 9 to June 1, 2018

NOTE: Challenged alphanumeric names are underlined. The Procedures for Registration provide for a challenge process, which follows in brief. For complete details, see Section 6.4 of the Procedures.

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge.

A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

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 AN 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 ad 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.

International Organization for Standardization (ISO)

Establishment of ISO Project Committee

ISO/PC 318 – Community Scale Resource Oriented Sanitation Treatment Systems

A new ISO Project Committee, ISO/PC 318 – Community scale resource oriented sanitation treatment systems, has been formed. The Secretariat has been assigned to the United States (ANSI).

ISO/PC 318 operates under the following scope:

Standardization in the field of community scale resource oriented sanitation treatment systems.

Note:

The international standard will define requirements and test methods to ensure safety, performance, and sustainability of community-scale resource-oriented fecal sludge treatment units that serve approximately 1,000 to 100,000 people. The standard will apply to treatment units that (a) primarily treat human excreta, (b) are able to operate in non-sewered and off-grid environments, and (c) are prefabricated. The standard will not apply to sanitation treatment units requiring sewer infrastructure or electric grid access. Additionally, treatment units to which the standard will apply exhibit resource recovery capability (e.g., energy, drinking water, fertilizer) and are capable of being energy independent or energy net positive.

The standard is intended to ensure the general performance, safety, and sustainability of such units. The standard will exclude installation, selection, and maintenance and operation of such units.

ANSI has indicated its intent to administer the U.S. TAG.

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

Tableware, Giftware, Jewellery, Luminaries – Glass Clarity – Classification and Test Method

Comment Deadline: April 27, 2018

SAC, the ISO member body for China, has submitted to ISO a new work item proposal for the development of an ISO standard on Tableware, Giftware, Jewellery, Luminaries - Glass Clarity - Classification and Test Method, with the following scope statement:

The proposed International Standard will establish requirements for the use of the designations "clear glass" and "ultra-clear glass" for non-coloured glass according to their clarity and iron content. The standard will specify a procedure for measuring the clarity of glass items by means of a spectrophotometer.

The standard will cover:

- mineral glass, and

- glass in items where the glass component is not covered by coating or decoration, and is therefore accessible for sampling.

The scope of this International Standard includes glass used as tableware, giftware, jewellery and luminaries. It excludes glass used in construction work, containers, medicine and laboratories, or in other types of technical applications.

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, April 27, 2018.

ISO Proposal for a New Field of ISO Technical Activity

Karst

Comment Deadline: April 20, 2018

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

> Standardization in the field of karst terminology, sustainable development of karst resources, environmental protection and management of karst environment, as well as investigation and assessment (including modeling methods and mapping of karst systems).

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, April 20, 2018.

Meeting Notices

Green Building Initiative – GBI 01-201x

The 35th meeting of the Green Building Initiative - GBI 01-201x Consensus Body will be held via conference call and webinar:

Friday, April 27, 2018 from 11:00 AM to 2:00 PM ET.

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

To attend, and for additional information, please contact:

Maria Woodbury
Secretariat for Green Building Initiative
503-274-0448, ext 103
Maria@thegbi.org

Plastics Industry Association (PLASTICS)

The Plastics Industry Association (PLASTICS) is announcing a meeting of the Machinery Safety Technical Committee for October 9-11, 2018 in Independence, OH. The main purpose of the meeting will be to review progress on the 2018 workplan (including plastic film and sheet winding machinery and size reduction standards) begin development of a workplan for 2019 (including discussion of the injection molding and robot interface standards). For additional information, including a draft agenda and registration, please visit our website. PLASTICS standards meetings are open to all interested parties. For more information, contact Megan Hayes (mhayes@plasticsindustry.org).

Information Concerning

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Transaction Assurance in E-Commerce

Comment Deadline: April 27, 2018

SAC, the ISO member body for China, and AFNOR, the national standards body for France, have submitted to ISO a proposal for a new field of ISO technical activity on Transaction Assurance in E-Commerce, with the following scope statement:

> 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/TC290;
> - Financial services standards already covered by ISO/TC 68;
> - Identity management standards already covered by ISO/IEC/JTC1/SC27/WG5;
> - Meta-standards of data management and interchange already covered by ISO/IEC/JTC1/SC32;
> - Biometrics standards already covered by ISO/IEC/JTC1/SC37.

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/SC27 (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.

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, April 27, 2018.

Tracking #41i8r2 **Revision to NSF/ANSI 41-2016**
 Draft 2, Issue 8 (March 2018)

NSF/ANSI Standard
for Wastewater Technology —

Non-liquid saturated treatment systems

1 General

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1.3 Systems classification

For the purpose of this Standard, systems are classified according to the use environment for which they are intended to be installed. The systems classifications identified in this Standard are residential systems, day-use ~~park~~ systems, and cottage systems. Performance testing and evaluation requirements for each of these systems classifications are described herein.

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3.7 population rating: 1) For day-use ~~park~~ systems, it is the total number of uses or the combination of the daily total of urine and fecal events a system is designed to handle in a 24-hour period. 2) For residential and cottage systems, it is the maximum number of people the system is designed to service in a 24-hour period, without regard to the number of fecal events or the number of urine events.

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11.1.2 Day-use ~~park~~ systems

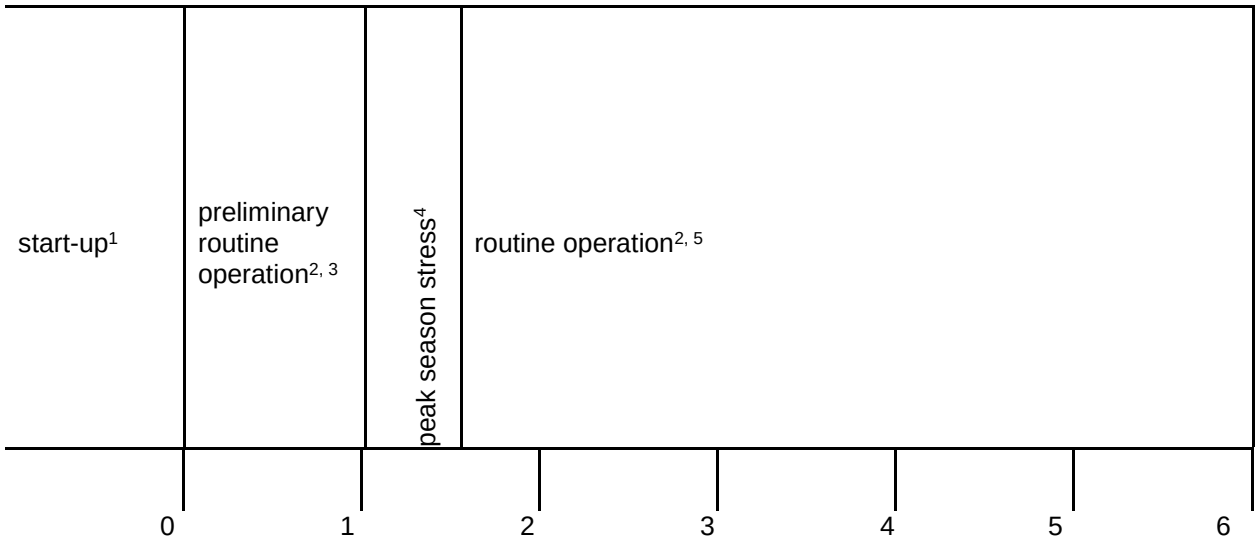
Day-use ~~park~~ systems are those systems that are intended for non-overnight use in ~~day~~ parks, roadside stops, commercial offices, schools, and other similar settings.

A day-use ~~park~~ system shall be subjected to the loadings representative of day-use installations. The system shall be loaded according to each of the 4 loading patterns described in this section. These loading patterns shall be conducted sequentially in the order described. Annex C, figure C.2 illustrates graphically how these loading patterns shall be conducted.

The manufacturer's designated population rating is defined as the total number of uses or the combination of the total number of urine events and fecal events the system is designed to handle in a 24 hour period.

NOTE 1 – Day-use ~~park~~ systems typically receive a greater proportion of urine to feces than residential and cottage systems. Efforts should be made during testing to assure that the relative proportion of 6 urine events to 1 fecal event is maintained or exceeded during each of the loading patterns described in this section.

~~NOTE 2 – The manufacturer's designated population rating does not take into consideration p.e. Instead, it is defined as the total number of uses or the combination of the total number of urine events and fecal events the system is designed to handle in a 24-h period.~~



[1] Duration determined by the manufacturer's instructions.
[2] 5 d/week at the population rating and 2 d/week at 200% of the population rating.
[3] For a 30-d duration.
[4] At 200% of DRC for a duration of 14 d.
[5] For the remainder of the 6-mo period but not less than a 3-mo duration.

Figure C.2 – Illustration of loading patterns for day-use ~~park~~ systems

[Note – the changes are illustrated below using ~~strikeout~~ for proposed removal of existing text and grey highlights to indicate the proposed revised text. ONLY the highlighted text and strikeout text is within the scope of this ballot. Rationale Statements are in RED and only used to add clarity; these statements will NOT be in the finished publication]

NSF International Standard/
American National Standard –

Food Equipment Materials

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6 Coatings

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6.2.2 Splash zones

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6.2.2.4 Heated ~~O~~organic coatings used on ~~heated~~ splash zone surfaces shall meet the heat resistance requirements in 11.

***Rationale**: The term heated splash zone is undefined and may cause confusion when used in its current context. Changing the term to heated organic coating is more appropriate in identifying a particular coating application and eliminates confusion that may currently exist with defined zones.*

6.3 Performance requirements for coatings

Coating type	Zone	Applicable performance test	
metallic	food zone – direct food contact	none	
metallic	food zone – serving and display ware	none	
metallic	splash zone	none	
metallic	non-food zone	none	
organic	food zone – direct food contact	9.1	abrasion resistance
		10.1	impact resistance
		11	heat resistance
		12.1	adhesion ability
organic	food zone – serving and display ware	9.3	abrasion resistance
		10.2	impact resistance
		12.2	adhesion ability
organic	food zone - non-direct food contact	9.2	abrasion resistance
		10.1	impact resistance
		11	heat resistance (heated food zone surfaces only)
organic	splash zone	9.2	abrasion resistance
		10.2	impact resistance
		11	heat resistance (heated ~~splash zone~~ organic coating surfaces only)
organic	non-food zone	none	
glass and glass-like	food zone – direct food contact	10.4	impact resistance
glass and glass-like	food zone – serving and display ware	10.4	impact resistance
glass and glass-like	food zone – non direct food contact	10.3	Impact resistance
glass and glass-like	splash zone	10.3	impact resistance
glass and glass-like	non-food zone	none	

April 2, 2018

BSR/SPRI VR-1
Procedure for Investigating Resistance to *Root* or *Rhizome* Penetration on Vegetative Roofs

Ballot 2 Recirculation

On the last BSR/VF-1 FM Approvals submitted a negative because in their opinion additional clarification was needed. SPRI agreed that the proposed changes will provide clarity to those running the procedure and evaluating the results.

In order to address this negative SPRI is proposing the following substantive revisions to VR-1.

Section 5.2 Paragraph 2, sentence 4
Lights should use a minimum 7200°K full spectrum bulb which promotes overall plant growth.

Lights ~~should~~ shall use a minimum 7200°K full spectrum bulb which promotes overall plant growth.
The sentence has been revised as follows:

5.2 Paragraph 2, sentence 6
Lights shall be placed no more than 2-3 ft (0.6-0.9 m) from the plant material in the *trial containers*.

Lights shall be placed no more than 2~~-3~~ ft (0.6~~-0.9~~ m) from the plant material in the *trial containers*.

Section 5.5, Paragraph 1
The *root barrier* shall be supplied and installed in the *trial containers* per the manufacturer's specifications and shall contain ~~several~~ seams or joints as shown in ~~Figure 4~~Attachment 1 and Attachment 2. The *root barrier* shall be laid according to Section 5.12. Liquid coating *root barrier*s shall be applied according to Section 5.12.1. ~~The surface to be treated equals about 14 ft^2 (1.3 m^2) per container, presenting the indicated minimum dimension 32 in x 32 in x 10 in (800 mm x 800 mm x 250 mm).~~

Note: The last sentence of the paragraph has been eliminated as it is a duplication of the dimensions outlined in Section 5.4. Attachment 1 and Attachment 2 were included in the original ballot and no change has been made to the Attachment information.

Section 6.3, Paragraph 4, sentence 4
Examine under a microscope to determine if they are surface attached or have penetrated into the *root barrier*.

Examine under a 7x magnification microscope to determine if they are surface attached or have penetrated into the *root barrier*.

BSR/UL 962A, Standard for Safety for Furniture Power Distribution Units

1. Recirculation of the Proposed Fifth Edition of UL 962A, Standard for Safety for Furniture Power Distribution Units

1.1 These requirements cover indoor use cord and plug connected or permanently connected, furniture power distribution units (FPDU) rated 250 V AC or less and 20 Amperes or less. An FPDU may provide one or more receptacle outlets, inclusive of one current tap integral to the attachment plug, if provided, for connection of utilization equipment. An FPDU may include an integral Class 2 power supply employing integral output lead(s) and/or output connector(s) and may include receptacles with integral power supplies employing Class 2 output connector(s). FPDU's are for fixed mounting to portable or stationary furnishings as a power supply connection for cord and plug connected electrical utilization equipment in accordance with the National Electrical Code, NFPA 70.

12.1.9 The plug that is employed in a FPDU shall be molded-on or assembled-on to the flexible cord. The plug shall be the grounding type and shall comply with the requirements in the Standard for Attachment Plugs and Receptacles, UL 498 or the Standard for Cord Sets and Power Supply Cords, UL 817. The molded-on or attachment plug is permitted to be hospital grade plugs complying with UL 817 or with Supplement ~~SD~~ SC of UL 498, respectively, but the FPDU shall be marked in shall be in accordance with 50.19.

13.3 The receptacle outlets of a FPDU shall comply with the applicable requirements in the Standard for Attachment Plugs and Receptacles, UL 498. The grounding contact of the receptacle shall comply with the requirements of the Grounding Contact Test in UL 498. Receptacle outlets of a FPDU are permitted to be hospital grade receptacles complying with Supplement ~~SD~~ SC of UL 498 but the FPDU shall be marked in shall be in accordance with 50.19.

13.7 A FPDU employing tamper-resistant receptacle outlets ~~may~~ shall be marked "TR" or "Tamper Resistant" provided the receptacle outlets comply with the Tamper-Resistant Receptacle requirements, as specified in the Standard for Attachment Plugs and Receptacles, UL 498.

50.25 A FPDU as described by 13.7 shall be marked with the phrase "Tamper Resistant" or the letters "TR". The letters "TR" shall be a minimum of 3/16 inch (4.8 mm) in height, placed on the device where visible after installation with the cover plate removed.

SB1.4 An FPDU for clustered seating consists of a primary enclosure providing cord-and-plug connection to a permanently-installed receptacle, supplementary overcurrent protection and one or more outlets. An FPDU for cluster seating may be interconnected to subordinate enclosures ~~(daisy-chained)~~ up to the available maximum cord-and-plug load (amperes) of the branch circuit overcurrent protective device and permanently-installed receptacle outlet. See NFPA 70, Table 210.21(B)(2) for details.

SB2.2 CLUSTERED SEATING - Stationary furnishings that provide seats in a mechanically-interconnected arrangement to one another not reconfigurable by users and that are inseparable from one another except by the use of tools. The seating is not affixed to the building structure. Clustered seating does not provide facing work surfaces or countertops but may incorporate adjacent side or ~~abaft~~ rear mounted work surfaces.

SB3.6 A FPDU for clustered seating that employs an integral Class 2 lead and mating Class 2 separable interface, or an integral power supply with one or more Class 2 output connector(s), or receptacles with integral power supplies with Class 2 output connectors shall also comply with Supplement ~~SF~~ SE of the Standard for Attachment Plugs and Receptacles, UL 498.

SB8.4 A FPDU for clustered seating shall be mounted on or under seating, or on, under, or inside an adjacent side or rear mounted ~~abaft~~ work surface, ~~whether covered or otherwise protected from spillage while in use or not in use,~~ and shall comply with the Spill Test, Section SB17, when mounted in all enclosure mounting orientations and location types specified in the manufacturer's installation instructions.

~~*Exception: When the FPDU for clustered seating is provided with a portable GFCI Class A that complies with the Standard for Safety for Ground-Fault Circuit-Interrupters, UL 943and the GFCI is located at the attachment plug or within 12 in (305 mm) of the attachment plug, compliance with the spill test is not required.*~~

SB9.1.1 The power-supply and interconnecting cords of FPDUs for clustered seating shall have a voltage rating not less than the rated voltage of the FPDU and ~~have a~~ the minimum conductor size of the power-supply cord and interconnecting cords shall be as indicated in Table SB5.1.

SB9.1.2 The power-supply and interconnecting cords of FPDUs for clustered seating shall be of the grounding type and shall employ one of the following flexible cord Types: SJ, SJT, SJE, SJO, SJTO, SJEO or equivalent. FPDUs for clustered seating shall not employ Type SPT-3 flexible cord. ~~and shall not be marked in accordance with UL 962A, paragraph 50.14~~

SB9.2.3 The attachment plug of the non-detachable power-supply cord shall comply with the requirements in the Standard for Attachment Plugs and Receptacles, UL 498 or the Standard for Cord Sets and Power Supply Cords, UL 817. A molded-on or assembled-on attachment plug may be of the hospital grade type complying with either UL 817 or UL 498 Supplement ~~SD~~ SC respectively, except the FPDU shall be marked in accordance with UL 962A, paragraph 50.19.

SB12.6 Receptacle outlets of a FPDU may employ hospital grade receptacles complying with UL 498 Supplement ~~SD~~ SC but the FPDU shall be marked in accordance with UL 962A paragraph 50.19.

SB17.1 A FPDU for clustered seating shall be subjected to the test described in this section and, after the testing, shall be subjected to the Dielectric Voltage-Withstand Test, UL 962A, Section 27.

Exception: When the FPDU for clustered seating is provided with a portable GFCI Class A that complies with the Standard for Safety for Ground-Fault Circuit-Interrupters, UL 943 and the GFCI is located at the attachment plug or within 12 in (305 mm) of the attachment plug, compliance with the spill test is not required.

BSR/UL 1363, Standard for Safety for Relocatable Power Taps

1. Recirculation of the Proposed Fifth Edition of UL 1363, Standard for Safety for Relocatable Power Taps

1.1 These requirements cover indoor use cord and plug connected, relocatable power taps (RPT) rated 250 V AC or less and 20 Amperes or less. A RPT may include an integral Class 2 power supply with an integral lead and/or connector(s) output. In accordance with the National Electric Code, NFPA 70, RPT are for use as a movable power supply connection for cord and plug connected electrical utilization equipment ~~in accordance with the National Electric Code, NFPA 70~~ and shall not serve as fixed wiring of a structure or of fixed furnishings, such as but not limited to applications in permanent countertops of kitchens and bathrooms.

1.1.1 A cord-and-plug-connected product as described in 1.1 with less than three receptacle outlets and provided with a Luminaire is covered under the Standard for Portable Electric Luminaires, UL 153.

1.2 A cord-and-plug-connected product as described in 1.1 with less than three receptacle outlets that employs an electromagnetic interference filter is covered under the Standard for Electromagnetic Interference Filters, UL 1283.

1.3 A cord-and-plug-connected product as described in 1.1 with less than three receptacle outlets that employs a surge protective device (SPD) is covered under the Standard for Surge Protective Devices, UL 1449, for SPD Type 3.

1.3.1 These requirements cover RPT with more than two receptacle outlets that employ a surge protective device (SPD) shall also comply with the applicable requirements for cord-connected, Type 3 Surge Protective Device (SPD) in the Standard for Surge Protective Devices, UL 1449.

1.4 A cord-and-plug-connected product as described in 1.1 that employs ground-fault protection is covered under the requirements for portable GFCIs in the Standard for Ground-Fault Circuit Interrupters, UL 943.

1.5 This standard does not cover RPT including those employing Hospital Grade receptacles or Hospital Grade plugs (see 49.1), intended for use with medical equipment. RPT are not suitable for use in Category 2 (General Patient Care) Spaces or Category 1 (Critical Patient Care) Spaces or Patient Care Vicinities of health care facilities.

1.5.1 These requirements do not cover a cord-and plug-connected product, Health Care Facility Receptacle Assemblies (HCOA), covered by the Standard for Health Care Facility Outlet Assemblies, UL 2930. HCOA are intended as a movable power supply connection for cord-and-plug-connected medical electrical utilization equipment for use in Category 2 (General Patient Care) Spaces or Category 1 (Critical Patient Care) Spaces, including Patient Care Vicinities equipped with Patient Equipment Grounding Points, of health care facilities.

1.5.2 These requirements do not cover a cord-and-plug-connected component, Special Purpose Relocatable Power Taps (SPRPT), covered by the covered in the Standard for Special Purpose Relocatable Power Taps, UL 1363A. SPRPT are power distribution components intended to supply power to plug-connected components of a movable equipment assemblies that are rack, table, or pedestal-mounted. SPRPT are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The SPRPT shall be an integral part of the equipment assembly and permanently attached to the equipment assembly only by those qualified to assemble medical electrical equipment systems compliant with Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance, IEC 60601-1. SPRPT are not suitable for use in Patient Care Vicinities.

1.7 These requirements do not cover RPT~~'s~~ with work surfaces or surfaces intended to support weight loads other than as specified in 3.11 for the storage of hand-held electronic devices and charging equipment such as a cell phone, cell phone charger and the like.

1.8 These requirements cover RPT~~'s~~ provided with isolated secondary circuits.

1.9 These requirements cover RPT~~'s~~ provided with batteries located in isolated secondary circuits. See UL 1363 Supplement SB - Relocatable Power Taps Incorporating Batteries.

1.12 A cord-and-plug-connected product as described in 1.1 for fixed mounting by use of tools to portable or stationary furnishings is covered under the requirements in the Standard for Furniture Power Distribution Units, UL 962A.

1.13 This standard contains the following Supplements:

a) Supplement SA - Extendable Relocatable Power Taps.

b) Supplement SB - Relocatable Power Taps Incorporating Batteries.

c) Supplement SC - Relocatable Power Taps Employing An Integral Thermal Interruption Mechanism.

3.6.1 PATIENT CARE SPACE, CATEGORY 1 (CRITICAL CARE) - A health care facility space in which failure of equipment or a system is likely to cause major injury or death of patients, staff, or visitors, as established by health care facility's governing body or its designee.

3.6.2 PATIENT CARE SPACE, CATEGORY 2 (GENERAL CARE) - A health care facility space in which failure of equipment or a system is likely to cause minor injury of patients, staff, or visitors, as established by health care facility's governing body or its designee.

3.6.3 PATIENT CARE VICINITY - A health care facility space, within a location intended for the examination and treatment of patients, extending 6 ft (1.8 m) beyond the normal location of the patient bed, chair, table, treadmill, or other device that supports the patient during examination and treatment, and extending vertically to 7 ft 6 in. (2.3 m) above the floor.

4.11 A cord and plug connected RPT with three or more receptacle outlets that employs a surge protective device shall also comply with the Standard for Surge Protective Devices, UL 1449, for SPD Type 3.

BSR/UL 147A, Standard for Safety for Nonrefillable (Disposable) Type Fuel Gas Cylinder Assemblies

1. Revisions to the Moist Ammonia-Air Stress Cracking Test

PROPOSAL

18 ~~10-Day~~ Moist Ammonia-Air Stress Cracking Test

18.1 After being subjected to the conditions ~~tested as~~ described in 18.2 - 18.4, a fuel-confining brass part containing more than 15 percent zinc shall show no evidence of cracking, delamination, or degradation ~~when examined using 25X magnification~~.

18.2 One test sample of each size ~~Each test sample~~ is to be subjected to the physical stresses normally imposed on or within a part as the result of assembly with other components. Such stresses, as specified by the manufacturer, are to be applied to the sample prior to and maintained during the test.

18.3 The samples are then to be tested in accordance with Apparatus, Section 6, Reagents and Materials, Section 7, Test Media, Section 8, Test Sample Preparation (9.3 - 9.4), Test Procedure (10.1 - 10.4) of the Standard Test Method for Ammonia Vapor Test for Determining Susceptibility to Stress Corrosion Cracking in Copper Alloys, ASTM B858-06, except the pH level of the test solution shall be High 10.5 ±0.1 and the exposure temperature shall be 25 ±1°C. ~~Three samples are to be degreased and then continuously exposed in a set position for ten days to a moist ammonia-air mixture maintained in a glass chamber approximately 305 by 305 by 305 mm (12 by 12 by 12 inches) having a glass cover.~~

18.4 After the exposure period, the samples are to be examined for cracks or other signs of stress corrosion using a microscope having a magnification of 25X. ~~Approximately 600 ml (20.3 ounces) of aqueous ammonia having a specific gravity of 0.94 is to be maintained at the bottom of the glass chamber below the samples. The samples are to be positioned 1-1/2 inches (38.1 mm) above the aqueous ammonia solution and supported by an inert tray. The moist ammonia-air mixture in the chamber is to be maintained at atmospheric pressure and at a temperature of 34 ±2°C (93 ±3.6°F).~~