ANSI STANDARDS ACTION

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

VOL. 45, #38 *September 19, 2014*

Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: October 19, 2014

AWWA (American Water Works Association)

Revision

BSR/AWWA B305-201x, Anhydrous Ammonia (revision of ANSI/AWWA B305-2005)

This standard describes the use of anhydrous ammonia in the treatment of potable water, wastewater, and reclaimed water.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Paul Olson, (303) 347 -6178, polson@awwa.org; vdavid@awwa.org

NSF (NSF International)

New Standard

BSR/NSF 416-201x (i1r4), Sustainability Assessment for Water Treatment Chemical Products (new standard)

This sustainability standard establishes a consistent approach to the evaluation and determination of environmentally preferable and sustainable chemical processes for water treatment chemical products. Many of these water treatment chemicals are used for public health protection. The document includes relevant criteria across the product(s) life cycle from raw material extraction through manufacturing, use, and end-of-life management.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Mindy Costello, (734) 827 -6819, mcostello@nsf.org

NSF (NSF International)

Revision

BSR/NSF 49-201x (i66r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2012)

This Standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to biosafety levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this Standard. This Standard includes basic requirements for the design, construction, and performance of biosafety cabinets that are intended to provide personnel, product, and environmental protection; reliable operation; durability and structural stability; cleanability; limitations on noise level; illumination; vibration; and motor/blower performance.

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/NSF 55-201x (i38r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2013)

The purpose of this Standard is to establish minimum requirements for the reduction of microorganisms using ultraviolet radiation (UV). UV water treatment systems covered by this Standard are intended for water that may be either microbiologically safe or microbiologically unsafe. This Standard also specifies the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners, as well as the minimum service-related obligations that the manufacturer shall extend to system owners.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Monica Leslie, (734) 827 -5643, mleslie@nsf.org

NSF (NSF International)

Revision

BSR/NSF 61-201x (i109r2), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2013 and ANSI/NSF 61-201x (i109r1))

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

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Monica Leslie, (734) 827 -5643, mleslie@nsf.org

NSF (NSF International)

Revision

BSR/NSF 305-201x (i24r1), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2011)

This Standard encourages participation in the manufacturing of personal care products using organically grown ingredients within the supply chain. It emphasizes open disclosure of impacts and benefits, and does not compromise proprietary, patented, or trade secret information. Production practices implemented in accordance with this Standard shall maintain or improve the natural resources of the operation, including soil and water quality. This Standard is to be used voluntarily by companies that may not be able to meet the current USDA organic food regulations.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 144-201x, Standard for Safety for LP-Gas Regulators (revision of ANSI/UL 144-2014)

Add CGA 793 fitting to paragraph 7.5.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Marcia Kawate, (408) 754 -6743, Marcia.M.Kawate@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 498A-201X, Standard for Safety for Current Taps and Adapters (Proposal dated 09-19-14) (revision of ANSI/UL 498A-2014)

This proposal includes the following revisions: (1) Revision to the adapter circuit limitation; (2) Correction to improper insertion in Table 18.1; and (3) Addition of requirements to include a magnetically coupled adapter.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

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

(3) Withdrawal of proposal: Markings for wall and ceiling insert fans - Polymeric housings; (15) Withdrawal of proposal: Revision for an alternate dielectric test potential for manufacturing and production testing; (16) Withdrawal of proposal: Locked rotor protection - Single-speed motor with external speed control, including the addition of glossary terms to clarify "Adjustable Speed Motors" and "Multispeed Motors".

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1647-201x, Standard for Safety for Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2013a)

(1) Revisions to paragraph 49.2.14 are being proposed to require a five-minute pause between each test cycle to more closely simulate use of an incline feature of a treadmill by consumers.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Beth Northcott, (847) 664 -3198, Elizabeth.Northcott@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1738-201X, Standard for Safety for Venting Systems for Gas-Burning Appliances, Categories II, III, and IV (revision of ANSI/UL 1738 -2014)

UL proposes changing the implementation of the recent Rain Test proposal for UL 1738.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1769-201x, Standard for Safety for Cylinder Valves (revision of ANSI/UL 1769-2011)

Add construction and performance requirements for CGA 793 connections.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Marcia Kawate, (408) 754 -6743, Marcia.M.Kawate@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2061-201x, Standard for Safety for Adapters and Cylinder Connection Devices for Portable LP-Gas Cylinder Assemblies (revision of ANSI/UL 2061-2014)

Add CGA 793 connections.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Marcia Kawate, (408) 754 -6743, Marcia.M.Kawate@ul.com

Comment Deadline: November 3, 2014

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO 80369-3-201x, Small-bore connectors for liquids and gases in healthcare applications - Part 3: Connectors for enteral applications (identical national adoption of ISO 80369-3)

Specifies the dimensions and requirements for the design and functional performance of small-bore connectors intended to be used on enteral medical devices and accessories.

Single copy price: Free

Obtain an electronic copy from: celliott@aami.org

Order from: Colleen Elliott, (703) 253-8261, celliott@aami.org

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO 80369-6-201x, Small-bore connectors for liquids and gases in healthcare applications - Part 6: Connectors for neuraxial applications (identical national adoption of ISO 80369-6)

Specifies requirements for small-bore connectors intended to be used for connections in neuraxial applications. Neuraxial applications involve the use of medical devices intended to administer medications to neuraxial sites, wound infiltration anaesthesia delivery, and other regional anaesthesia procedures or to monitor or remove cerebro-spinal fluid for therapeutic or diagnostic purposes.

Single copy price: Free

Obtain an electronic copy from: celliott@aami.org

Order from: Colleen Elliott, (703) 253-8261, celliott@aami.org

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

AAMI (Association for the Advancement of Medical Instrumentation)

New Standard

BSR/AAMI CI86-201x, Cochlear implant systems: Safety, performance, and reliability (new standard)

Specifies requirements for active implantable medical devices intended to treat hearing impairment by means of electrical stimulation of the cochlea. Such devices are referred to as cochlear implants or cochlear prostheses. This standard is also applicable to non-implantable parts and accessories of the devices, including fitting and diagnostic components.

Single copy price: Free

Obtain an electronic copy from: celliott@aami.org

Order from: Colleen Elliott, (703) 253-8261, celliott@aami.org

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

AARST (American Association of Radon Scientists and Technologists)

New Standard

BSR/AARST N42.51-200x, Performance Specifications for Instrumentation Systems Designed to Measure Radon Gas in Air (new standard)

This standard specifies minimum performance criteria and testing procedures for instruments and/or systems designed to quantify the concentration of ^{222}Rn gas in air. These are consistent but general performance criteria applicable to the wide variety of radon measurement devices used for indoor measurements, primarily in residential environments or buildings not associated with the possession or handling of radioactive materials. Also included is a description of documentation necessary for demonstration of compliance with this standard. This initial edition of the standard addresses performance criteria for radiological and environmental parameters only.

Single copy price: $TBD

Obtain an electronic copy from: www.radonstandards.us

Order from: standards@aarst.org

Send comments (with copy to psa@ansi.org) to: StandardsAssist@gmail.com

ABYC (American Boat and Yacht Council)

Revision

BSR/ABYC H-33-201x, Diesel Fuel Systems (revision of ANSI/ABYC H-33-2009)

These standards are guides for the design, choice of materials, construction, installation, repair, and maintenance of permanently installed diesel fuel systems.

Single copy price: $50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

AGSC (ASC AGSC) (Auto Glass Safety Council)

New Standard

BSR AGRSS 003-201x, Automotive Glass Replacement Safety Standard (new standard)

Revises and updates the Auto Glass Replacement Safety Standard.

Single copy price: $39.00

Obtain an electronic copy from: deb@glass.com

Order from: Debra Levy, (540) 720-7484, deb@glass.com

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

ASA (ASC S3) (Acoustical Society of America)

Revision

BSR ASA S3.22-201x, Specification of Hearing Aid Characteristics (revision of ANSI/ASA S3.22-2009a)

Describes air-conduction hearing aid measurement methods particularly suitable for specification and tolerance purposes. Some test methods described are output sound pressure level (SPL) with 90-dB input SPL, full-on gain, frequency response, harmonic distortion, equivalent input noise, current drain, and induction-coil sensitivity. Configurations are given for measuring input SPL to a hearing aid. Allowable tolerances in relation to values specified by manufacturer are given for certain parameters.

Single copy price: $150.00

Obtain an electronic copy from: asastds@acousticalsociety.org

Order from: Susan Blaeser, (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 National Adoption

BSR/ASABE AD500-1:2014 MONYEAR, Agricultural tractors - Rear-mounted power take-off types 1, 2, 3 and 4 - Part 1: General specifications, safety requirements, dimensions for master shield and clearance zone (national adoption of ISO 500-1:2014 with modifications and revision of ANSI/ASABE/ISO AD500-1-2004 W/Cor.1-2011)

Gives general specifications for speeds, safety requirements, the dimensions for master shield, and clearance zones for rear-mounted power take-offs of types 1, 2, 3, and 4 on agricultural tractors with a track setting of more than 1 150 mm. This scope is identical to the scope of ISO 500-1 except for the inclusion of: (1) Over speed requirements; (2) Dimensions associated with the drawbars; (3) Dimensional association between the tractor power take-off shaft, drawbar, and implement input connections; and (4) The power take-off, implement input driveline, implement input connection, auxiliary power take-off provisions.

Single copy price: $55.00

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

ASABE (American Society of Agricultural and Biological Engineers)

New National Adoption

BSR/ASABE/ISO 500-3:2014 MONYEAR, Agricultural tractors - Rear-mounted power take-off types 1, 2, 3 and 4 - Part 3: Main PTO dimensions and spline dimensions, location of PTO (national adoption of ISO 500-3:2014 with modifications and revision of ANSI/ASABE/ISO 500-3-2010)

Specifies manufacturing requirements for, and the location of, rear-mounted power take-offs (PTOs) of types 1, 2, 3 and 4 on agricultural tractors.

Single copy price: $55.00

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

AWWA (American Water Works Association)

Revision

BSR/AWWA C670-201x, Online Chlorine Analyzer Operation and Maintenance (revision of ANSI/AWWA C670-2009)

This standard describes online chlorine operation and maintenance (O&M) when the online chlorine analyzer is used in the treatment and monitoring of potable water, reclaimed water, or wastewater.

Single copy price: $20.00

Obtain an electronic copy from: vdavid@awwa.org

Order from: Paul Olson, (303) 347-6178, polson@awwa.org; vdavid@awwa.org

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

CEA (Consumer Electronics Association)

Reaffirmation

BSR/CEA 2031-2008 (R201x), Testing and Measurement Methods for Mobile Loudspeaker Systems (reaffirmation of ANSI/CEA 2031-2008)

CEA-2031 defines test procedures for rating the performance and physical size of mobile loudspeakers, and requirements for reporting these characteristics. CEA-2031, when used in conjunction with CEA-2006-A, Testing & Measurement Methods for Mobile Audio Amplifiers, enables consumers to select mobile loudspeakers with power handling capabilities that are appropriate for the power output characteristics of their mobile amplifiers.

Single copy price: $58.00

Obtain an electronic copy from: standards@ce.org

Order from: Veronica Lancaster, (703) 907-7697, vlancaster@ce.org; dwilson@ce.org

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

ECA (Electronic Components Association)

Revision

BSR/EIA 364-10F-201x, Fluid Imersion Test Procedure for Electrical Connectors, Sockets and Cable Assemblies (revision and redesignation of ANSI/EIA-364-10E-2008)

This standard establishes test methods to determine the ability of an electrical connector or connector assembly to resist degradation due to exposure to specific fluids with which the connector assembly may come into contact during its service life.

Single copy price: $72.00

Obtain an electronic copy from: global.ihs.com (877) 413-5184

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

Send comments (with copy to psa@ansi.org) to: Edward Mikoski, (571) 323-0253, emikoski@ecianow.org

HL7 (Health Level Seven)

Reaffirmation

BSR/HL7 EHR CRFP, R1-2009 (R201x), HL7 EHR Clinical Research Functional Profile, Release 1 (reaffirmation of ANSI/HL7 EHR CRFP, R1-2009)

The EHR Clinical Research profile identifies EHR functions such that when used to collect source data for clinical research, can supply regulatory authorities with proof that data used to support claims made regarding the safety and efficacy of new medicines can be traced back to a "reliable" data source. Allow new therapies to be available to patients in the shortest time at the lowest cost.

Single copy price: Free to HL7 members; free to non-members 90 days following publication

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org

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

HL7 (Health Level Seven)

Reaffirmation

BSR/HL7 V3 ECG, R1-2004 (R201x), HL7 Version 3 Standard: Regulated Studies - Annotated ECG, Release 1 (reaffirmation of ANSI/HL7 V3 ECG, R1-2004 (R2009))

The purpose of the HL7 Version 3 Annotated Electrocardiogram (aECG) standard is to provide a means to systematically evaluate the ECG waveforms and measurement locations. Before this initiative, sponsors were submitting ECG findings tabulations (e.g., QT interval measurements) with their applications. However, the FDA could not systematically evaluate the ECG waveforms and the measurement locations the findings came from. Most, if not all, ECGs were collected with paper and not electronically retained. The Annotated ECG (aECG) standard responds to the FDA's need for more systematic evaluation.

Single copy price: Free to HL7 members; free to non-members 90 days following publication

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org

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

HL7 (Health Level Seven)

Reaffirmation

BSR/HL7 V3 LBRESULT, R1-2009 (R201x), HL7 Version 3 Standard: Laboratory Results, Release 1 (reaffirmation of ANSI/HL7 V3 LBRESULT, R1-2009)

The Laboratory Result Topic comprises the models, messages, and other artifacts that are needed to support messaging related to laboratory results.

Single copy price: Free to HL7 members; free to non-members 90 days following publication

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org

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

HL7 (Health Level Seven)

Reaffirmation

BSR/HL7 V3 MRDACM, R1-2008 (R201x), HL7 Version 3 Standard: Medical Records; Data Access Consent, Release 1 (reaffirmation of ANSI/HL7 V3 MRDACM, R1-2008)

The HL7 Community Based Collaborative Care Work Group seeks to reaffirm the HL7 Version 3 Standard: Medical Records; Data Access Consent, Release 1. The purpose of this standard is to allow the recording of patient consents and overrides, as well as the recording or changing of a Shared Secret associated with all or a part of a patient's records. The interactions in this standard are crafted to support a “request-based” architecture in which the messages are sent from a point of service (POS), such as a clinic, pharmacy, etc., to a center information system (CIS), such as a patient registry or drug information system.

Single copy price: Free to HL7 members; free to non-members

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org

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

HL7 (Health Level Seven)

Revision

BSR/HL7 V3 RIM, R7-201x, HL7 Version 3 Standard:Reference Information Model, Release 7 (revision and redesignation of ANSI/HL7 V3 RIM, R6 -2013)

The HL7 Reference Information Model is the foundation from which all HL7 V3 information models must be derived. This American National Standard is maintained using the ANSI "continuous maintenance" process, whereby updates to the RIM are balloted annually within HL7. This is the sixth such annual update. Material changes will be noted in the Notes to Balloters of the preface. The Scope of this ballot will be limited to those elements of the RIM or its controlling Vocabulary that have been adopted in Harmonization since May 2013, plus the retirement of elements that have been in a deprecated status for more than two RIM release.

Single copy price: Free to HL7 members; free to non-members 90 days following publication

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org

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

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

Revision

BSR N42.34-201x, Draft Standard Performance Criteria for Hand-Held Instruments for the Detection and Identification of Radionuclides (revision of ANSI N42.34-2006)

This standard specifies general, radiological, environmental, electromagnetic, and mechanical requirements, and associated test methods for hand-held Radionuclide Identification Devices (RIDs). Successful completion of the tests described in this standard should not be construed as an ability to identify all radionuclides in all environments.

Single copy price: Free

Obtain an electronic copy from: m.kipness@ieee.org

Order from: Michael Unterweger, (301) 975-5536, michael.unterweger@nist.gov

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

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

New National Adoption

INCITS/ISO/IEC 29109-5:2014, Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 - Part 5: Face image data (identical national adoption of ISO/IEC 29109-5:2014 and revision of INCITS/ISO/IEC 29109-5:2012 [2013])

ISO/IEC 29109-5:2014 specifies elements of conformance testing methodology, test assertions, and test procedures as applicable to two-dimensional face images defined in the ISO/IEC 19794-5:2005 biometric data interchange format standard for face image data. ISO/IEC 29109 -5:2014 establishes test assertions of the structure of the face image data format as specified in ISO/IEC 19794-5:2005 (Type A Level 1 as defined in ISO/IEC 29109-1:2009), test assertions of internal consistency by checking the types of values that may be contained within each field (Type A Level 2 as defined in ISO/IEC 29109-1:2009).

Single copy price: $156.00

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

Order from: http://webstore.ansi.org

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

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

New National Adoption

INCITS/ISO/IEC 29182-6:2014, Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 6: Applications (identical national adoption of ISO/IEC 29182-6:2014)

ISO/IEC 29182-6:2014, describes and provides a compilation of sensor network applications for which International Standardized Profiles (ISPs) are needed, guidelines for the structured description of sensor network applications, and examples for structured sensor network applications. It does not cover ISPs for which drafting rules are described in ISO/IEC TR 10000. Due to the generic character of ISO/IEC 29182, fully developed ISPs will not be included in this International Standard.

Single copy price: $123.00

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

Order from: http://webstore.ansi.org

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

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

New National Adoption

INCITS/ISO/IEC 24759:2014, Information technology - Security techniques - Test requirements for cryptographic modules (identical national adoption of ISO/IEC 24759:2014 and revision of INCITS/ISO/IEC 24759:2008 [2009])

This International Standard specifies the methods to be used by testing laboratories to test whether the cryptographic module conforms to the requirements specified in ISO/IEC 19790:2012. The methods are developed to provide a high degree of objectivity during the testing process and to ensure consistency across the testing laboratories.

Single copy price: $295.00

Obtain an electronic copy from: www.incits.org

Order from: www.incits.org

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

NECA (National Electrical Contractors Association)

Revision

BSR/NECA 411-201X, Standard for Installing and Maintaining Uninterruptible Power Supplies (UPS) (revision of ANSI/NECA 411-2006)

This standard describes installation and maintenance procedures for permanently installed, static, three-phase Uninterruptible Power Supplies (UPSs) rated 30 kVA or more and rated 600 Volts or less, and related battery systems installed indoors or outdoors for commercial and industrial applications. UPSs described In this standard are solid-state power systems that provide continuous regulated AC power at the output terminals, while operating from either an AC power source or from a battery system.

Single copy price: $40.00

Obtain an electronic copy from: neis@necanet.org

Order from: Diana Brioso, (301) 215-4549, diana.brioso@necanet.org; neis@necanet.org

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

NIRMA (Nuclear Information and Records Management Association)

Reaffirmation

BSR/NIRMA CM 1.0-2007 (R201x), Guidelines for Configuration Management of Nuclear Facilities (reaffirmation of ANSI/NIRMA CM 1.0 -2007)

This ANSI/NIRMA Standard applies to operating nuclear facilities and is not intended to address CM-related issues for new nuclear facility projects. NIRMA has surveyed nuclear industry stakeholders to identify required updates to this ANSI/NIRMA CM Standard. No issues have been identified for operating nuclear facilities for which the current revision 2007 requires update. Thus, NIRMA proposes to reaffirm the current 2007 version at this time.

Single copy price: Free

Obtain an electronic copy from: nirma@nirma.org

Order from: Julie Hannum, (203) 388-8795, nirma@nirma.org

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

NSF (NSF International)

Revision

BSR/NSF 46-201x (i24r1), Plumbing System Components for Recreational Vehicles (revision of ANSI/NSF 24-2010)

This Standard covers pipe, fittings, valves, traps, vents, tanks, pumps, connectors, fixtures, appliances, and similar appurtenances used in a plumbing system of a recreational vehicle.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=25199&wg_abbrev=wwt_jc

Order from: Mindy Costello, (734) 827-6819, mcostello@nsf.org

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

PLASA (PLASA North America)

New Standard

BSR E1.39-201x, Entertainment Technology - Selection and Use of Personal Fall Arrest Systems on Portable Structures Used in the Entertainment Industry (new standard)

This standard establishes minimum requirements for the selection and use of personal fall arrest systems on portable structures in the entertainment industry. The standard establishes minimum requirements for products and portable structures used in the service of PFAS. Other methods of fall protection, such as safety nets and guard rails, are not within the scope of this standard. This standard does not preclude the use of other standards to promote worker safety.

Single copy price: Free

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

Order from: Karl Ruling, (212) 244-1505, karl.ruling@plasa.org

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

PLASA (PLASA North America)

Revision

BSR E1.22-201x, Entertainment Technology - Fire Safety Curtain Systems (revision of ANSI E1.22-2009)

BSR E1.22-201x is a revision of the 2009 ANSI standard. It is being updated it to better align it with the requirements stated in NFPA 80. The draft standard describes the materials, design, fabrication, installation, operation, testing, and maintenance of fire safety curtains and systems used for theater proscenium opening protection.

Single copy price: Free

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

Order from: Karl Ruling, (212) 244-1505, karl.ruling@plasa.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 702 om-2014, Rheological measurements for characterization of polyolefins: Low-Density Polyethylene (LDPE) for extrusion coating (new standard)

In optimizing the extrusion coating processing performance, it is of utmost importance to balance the rheology of the polymer. This method describes how rheological measurements can be used to characterize LDPE. The storage modulus and zero shear viscosity have been found to be useful parameters to predict the extrusion coating performance of LDPE.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Charles Bohanan, (770) 209-7276, standards@tappi.org

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

TIA (Telecommunications Industry Association)

Revision

BSR/TIA 455-86-A-201x, Fiber Optic Cable Jacket Shrinkage (revision and redesignation of ANSI/TIA 455-86-1983 (R2005))

This standard is applicable to all types of jacketed cables. This procedure defines the methodology for measuring the shrinkage potential for cable jackets. The primary method involves the jacket, in situ. The secondary method measures the "native" shrinkage of the as-extruded jacket by removing it from a cable.

Single copy price: $64.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA); standards@tiaonline.org

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 961-201x, Standard for Safety for Electric Hobby and Sports Equipment (new standard)

Cover electrically powered hobby and sports equipment rated 250 volts or less, intended for the home entertainment and amusement of adults, in accordance with NFPA 70. These requirements do not cover toys and games intended to be used by children, amusement machines, or photographic equipment. A product that contains features, characteristics, components, materials, or systems new or different, and that involves a risk of fire or of electric shock or injury to persons shall be evaluated using appropriate additional component and end-product requirements, to maintain the level of safety as originally anticipated by the intent of this standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Anne Marie Jacobs, (919) 549-0954, annemarie.jacobs@ul.com

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 1650-201X, Standard for Safety for Portable Power Cable (Proposal dated 9/19/14) (new standard)

Recirculation of changes to 5.2, 7.3.1, 7.7.1, 7.8.2. 8.9.1, 8.12.1, 9.1, 10.1, 10.1.1, 10.1.2, 10.2, 10.2.1, 10.2.2, 12.1, and Tables 7.1-7.3, 7.5, 8.1, and 8.3 in the ANSI approval of the proposed first edition of the Standard for Portable Power Cables.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 852-2010 (R201x), Standard for Safety for Metallic Sprinkler Pipe for Fire Protection Service (reaffirmation of ANSI/UL 852-2010)

UL 852 covers metallic pipe intended for use in water-based fire protection systems for water distribution or valve trim applications.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Derrick Martin, (408) 754-6656, Derrick.L.Martin@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 217-201x, Standard for Safety for Single and Multiple Station Smoke Alarms (revision of ANSI/UL 217-2012)

Proposal to add the following to the 7th edition of UL 217 covering electrically operated single- and multiple-station smoke alarms: New revised version of polyurethane flaming and smoldering tests with lower limits; New lower limits for UL 217 Fire Tests; Firmware update requirements; Alarm silence requirements for smoke alarms in multiple-station configuration; Additional stability tests for multi-criteria smoke alarms employing CO gas sensors; and IRLED - Light DegradationDetermination

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (408) 754-6618, Paul.E.Lloret@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 588-201x, Standard for Safety for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588-2013a)

This covers: (1) Miscellaneous revisions and revision to ampacity of cords; (2) Revision to requirements of tree poles employing seasonal-use extension cords; and (3) Revised requirements for parallel-connected lighting strings.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 8754-201X, Standard for Safety for Holders, Bases, and Connectors for Solid-State (LED) Light Engines and Arrays (revision of ANSI/UL 8754-2013)

The following changes in requirements to the Standard for Holders, Bases, and Connectors for Solid-State (LED) Light Engines and Arrays, UL 8754/ULC-S8754, are being proposed: (1) Revise Relative Thermal Index (RTI) requirements for polymeric materials used in Limited Application Devices (LAD); (2) Add exception to loading test for solid-state assembly holders; (3) Clarify requirements for lead pull tests for factory assembled solid-state assembly holders; and (4) Clarify product marking allowances for lampholders.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Heather Sakellariou, (847) 664-2346, Heather.Sakellariou@ul.com

Projects Withdrawn from Consideration

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

CEA (Consumer Electronics Association)

BSR/CEA 2046-201x, Headset Cable Compatibility (new standard)

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

INCITS/ISO/IEC 7811-7-2004 [R2014], Identification cards - Recording technique - Part 7: Magnetic stripe - High coercivity, high density (reaffirmation of INCITS/ISO/IEC 7811-7:2004 [R2009])

UL (Underwriters Laboratories, Inc.)

BSR/UL 6703A-201x, Standard for Safety for Multi-Pole Connectors for Photovoltaic Systems (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.

ASSE (ASSE International Chapter of IAPMO)

ANSI/ASSE 1010-2004, Water Hammer Arresters

EOS/ESD (ESD Association, Inc.)

ANSI/ESD SP14.1-2004, System Level Electrostatic Discharge (ESD) Simulator Verification Standard

IEEE (Institute of Electrical and Electronics Engineers)

ANSI/IEEE 112-2004, Standard Test Procedure for Polyphase Induction Motors and Generators

IEEE (Institute of Electrical and Electronics Engineers)

ANSI/IEEE 802a-2003, Local and Metropolitan Area Networks - Overview and Architecture - Amendment 1: Ethertypes for Prototype and Vendor-Specific Protocol Development

IEEE (Institute of Electrical and Electronics Engineers)

ANSI/IEEE 802b-2004, Local and Metropolitan Area Networks - Overview and Architecture - Amendment 2: Registration of Object Identifiers

IEEE (Institute of Electrical and Electronics Engineers)

ANSI/IEEE 1048-2003, Guide for Protective Grounding of Power Lines

IEEE (Institute of Electrical and Electronics Engineers)

ANSI/IEEE 1127-1998 (R2004), Guide for the Design, Construction, and Operation of Electric Power Substations for Community Acceptance and Environmental Compatibility

IEEE (Institute of Electrical and Electronics Engineers)

ANSI/IEEE 1149.6-2003, Standard for Boundary-Scan Testing of Advanced Digital Networks

IEEE (Institute of Electrical and Electronics Engineers)

ANSI/IEEE 1278.2-1995 (R2002), Standard for Distributed Interactive Simulation - Communication Services and Profiles

IEEE (Institute of Electrical and Electronics Engineers)

ANSI/IEEE 1320.1-2004, Functional Modeling Language - Syntax and Semantics for IDEF0

IEEE (Institute of Electrical and Electronics Engineers)

ANSI/IEEE 1320.2-2004, Conceptual Modeling Language - Syntax and Semantics for IDEF1X97 (IDEFobject)

IEEE (Institute of Electrical and Electronics Engineers)

ANSI/IEEE 1332-2004, Reliability Program for the Development and Production of Electronic Systems and Equipment

Approvals Rescinded

ANSI/AWS-NAVSEA B2.1-1-302-2014

At AWS's request, the approval of ANSI/AWS-NAVSEA B2.1-1-302-2014, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-7018-M, in the As-Welded or PWHT Condition, Primarily Plate and Structural Naval Applications, as an American National Standard has been rescinded. Please direct any questions to: Jennifer Rosario, (800) 443-9353, jrosario@aws.org.

ANSI/AWS-NAVSEA B2.1-1-312-2014

At AWS's request, the approval of ANSI/AWS-NAVSEA B2.1-1-312-2014, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-7018-M, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications, as an American National Standard has been rescinded. Please direct any questions to: Jennifer Rosario, (800) 443-9353, jrosario@aws.org.

NFPA FIRE PROTECTION STANDARDS DOCUMENTATION

The National Fire Protection Association announces the availability of NFPA *First Draft Report* for concurrent review and comment by NFPA and ANSI in the Volume 45, Number 38 issue of Standards Action.

The disposition of all comments received will be published in the *Second Draft Report* (formerly *Report on Comments*), also located on the document's information page under the next edition tab. The document's specific URL, www.nfpa.org/doc#next (for example www.nfpa.org/101next), can easily access the document's information page. All comments on the 2015 Fall Revision Cycle First Draft Report must be received by November 14, 2014.

The First Draft Report for documents in the 2015 Fall Revision Cycle was released on September 5, 2014, and contains the disposition of public input received for those proposed documents. Anyone wishing to review the First Draft Report for the 2015 Fall Revision Cycle may do so on each document's information page under the next edition tab. The document's specific URL, for example www.nfpa.org/doc#next (www.nfpa.org/101next), can easily access the document's information page.

For more information on the rules and for up-to-date information on schedules and deadlines for processing NFPA Documents, check the NFPA website (http://www.nfpa.org) or contact NFPA's Codes and Standards Administration. Those who sent comments to NFPA (Contact Codes and Standards Administration, NFPA, One Batterymarch Park, Quincy, MA 02269-7471) on the related standards are invited to copy ANSI's Board of Standards Review.

Comment Deadline: November 14, 2014

NFPA (National Fire Protection Association)

New Standard

BSR/NFPA 350-201x, Guide for Safe Confined Space Entry and Work (new standard)

This guide is intended to protect workers who enter into confined spaces for inspection or testing, or for performing associated work, from death and from life-threatening and other injuries or illnesses and to protect facilities, equipment, nonconfined space personnel, and the public from injuries associated with confined space incidents.

BSR/NFPA 951-201x, Guide to Building and Utilizing Data Information (new standard)

The intent of this document is to provide guidance in the development of an “integrated information management system” that facilitates information sharing. The resulting system shall be designed to support a communications pathway for all relevant components of the national preparedness and response framework.

Revision

BSR/NFPA 14-201x, Standard for the Installation of Standpipe and Hose Systems (revision of ANSI/NFPA 14-2012)

This standard covers the minimum requirements for the installation of standpipes and hose systems. This standard does not cover requirements for periodic inspection, testing, and maintenance of these systems.

BSR/NFPA 31-201x, Standard for the Installation of Oil-Burning Equipment (revision of ANSI/NFPA 31-2011)

This standard shall apply to the installation of stationary liquid fuel–burning appliances, including but not limited to industrial-, commercial-, and residential-type steam, hot-water, or warm-air heating appliances; domestic-type range burners; space heaters; and portable liquid fuel–burning equipment

BSR/NFPA 32-201x, Standard for Drycleaning Plants (revision of ANSI/NFPA 32-2011)

This standard shall apply to establishments hereinafter defined as drycleaning plants.

BSR/NFPA 35-201x, Standard on Halon 1301 Fire Extinguishing Systems (revision of ANSI/NFPA 35-2011)

This standard shall apply to facilities that use flammable and combustible liquids, as defined in this standard, to manufacture organic coatings for automotive, industrial, institutional, household, marine, printing, transportation, and other applications.

BSR/NFPA 52-201x, Vehicular Gaseous Fuel Systems Code (revision of ANSI/NFPA 52-2012)

This code shall apply to the design, installation, operation, and maintenance of compressed natural gas (CNG) and liquefied natural gas (LNG) engine fuel systems on vehicles of all types and for fueling vehicle (dispensing) systems and associated storage.

BSR/NFPA 53-201x, Recommended Practice on Materials, Equipment, and Systems Used in Oxygen-Enriched Atmospheres (revision of ANSI/NFPA 53-2011)

NFPA 53 establishes recommended criteria for the safe use of oxygen (liquid/gaseous) and the design of systems for use in oxygen and oxygen-enriched atmospheres (OEAs).

BSR/NFPA 59A-201x, Standard for the Production, Storage, and Handling of Liquefied Natural Gas (LNG) (revision of ANSI/NFPA 59A -2009)

This standard provides minimum fire protection, safety, and related requirements for the location, design, construction, security, operation, and maintenance of liquefied natural gas (LNG) plants.

BSR/NFPA 67-201x, Guideline on Explosion Protection for Gaseous Mixtures in Pipe Systems (revision of ANSI/NFPA 67-2012)

This guide applies to the design, installation, and operation of piping systems containing flammable gases, where there is a potential for ignition.

BSR/NFPA 70B-201x, Recommended Practice for Electrical Equipment Maintenance (revision of ANSI/NFPA 70B-2012)

This recommended practice applies to preventive maintenance for electrical, electronic, and communication systems and equipment and is not intended to duplicate or supersede instructions that manufacturers normally provide. Systems and equipment covered are typical of those installed in industrial plants, institutional and commercial buildings, and large multifamily residential complexes.

BSR/NFPA 75-201x, Standard for the Fire Protection of Information Technology Equipment (revision of ANSI/NFPA 75-2009)

This standard covers the requirements for the protection of information technology equipment and information technology equipment areas.

BSR/NFPA 76-201x, Standard for the Fire Protection of Telecommunications Facilities (revision of ANSI/NFPA 76-2011)

This standard provides requirements for fire protection of telecommunications facilities where telecommunications services such as telephone (landline, wireless) transmission, data transmission, internet transmission, voice-over internet protocol (VoIP) transmission, and video transmission are rendered to the public.

BSR/NFPA 102-201x, Standard for Grandstands, Folding and Telescopic Seating, Tents, and Membrane Structures (revision of ANSI/NFPA 102-2011)

This standard addresses the following: (1) The construction, location, protection, and maintenance of grandstands and bleachers, folding and telescopic seating, tents, and membrane structures; and (2) Seating facilities located in the open air or within enclosed or semi-enclosed structures such as tents, membrane structures, and stadium complexes.

BSR/NFPA 115-201x, Standard for Laser Fire Protection (revision of ANSI/NFPA 115-2011)

This document shall provide minimum fire protection requirements for the design, manufacture, installation, and use of lasers and associated equipment.

BSR/NFPA 211-201x, Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances (revision of ANSI/NFPA 211-2012)

This standard applies to the design, installation, maintenance, and inspection of all chimneys, fireplaces, venting systems, and solid fuel–burning appliances.

BSR/NFPA 214-201x, Standard on Water-Cooling Towers (revision of ANSI/NFPA 214-2011)

This standard applies to fire protection for field erected and factory-assembled water-cooling towers of combustible construction or those in which the fill is of combustible material.

BSR/NFPA 418-201x, Standard for Heliports (revision of ANSI/NFPA 418-2011)

This standard specifies the minimum requirements for fire protection for heliports and rooftop hangars.

BSR/NFPA 551-201x, Guide for the Evaluation of Fire Risk Assessments (revision of ANSI/NFPA 551-2012)

This guide is intended to provide assistance, primarily to authorities having jurisdiction (AHJs), in evaluating the appropriateness and execution of a fire risk assessment (FRA) for a given fire safety problem. While this guide primarily addresses regulatory officials, it also is intended for others who review FRAs, such as insurance company representatives and building owners.

BSR/NFPA 900-201x, Building Energy Code (revision of ANSI/NFPA 900-2012)

These regulations shall control the minimum energy-efficient requirements for the following: (1) The design, construction, reconstruction, alteration, repair, demolition, removal, inspection, issuance, and revocation of permits or licenses, installation of equipment related to energy conservation in all buildings and structures.

BSR/NFPA 901-201x, Standard Classifications for Incident Reporting and Fire Protection Data (revision of ANSI/NFPA 901-2006 (R2011))

This document describes and defines data elements and classifications used by many fire departments in the United States and other countries to describe fire damage potential and experience during incidents. It does not provide guidelines for a reporting system or related forms.

BSR/NFPA 1037-201x, Standard for Professional Qualifications for Fire Marshal (revision of ANSI/NFPA 1037-2011)

This standard identifies the professional level of performance required for Fire Marshal, specifically identifying the minimum job performance requirements (JPRs) necessary to perform as a Fire Marshal.

BSR/NFPA 1051-201x, Standard for Wildland Fire Fighter Professional Qualifications (revision of ANSI/NFPA 1051-2011)

This standard shall identify the minimum job performance requirements (JPRs) for wildland fire duties and responsibilities. This standard does not address prescribed fire requirements. Authorities having jurisdiction can choose to use any or all of these requirements as they deem appropriate.

BSR/NFPA 1405-201x, Guide for Land-Based Fire Departments that Respond to Marine Vessel Fires (revision of ANSI/NFPA 1405-2011)

This guide identifies the elements of a comprehensive marine fire-fighting response program including, but not limited to, vessel familiarization, training considerations, pre-fire planning, and special hazards that enable land-based fire fighters to extinguish vessel fires safely and efficiently. In general, the practices recommended in this publication apply to vessels that call at United States ports or that are signatory to the Safety of Life at Sea (SOLAS) agreement.

BSR/NFPA 1600-201x, Standard on Disaster/Emergency Management and Business Continuity Programs (revision of ANSI/NFPA 1600 -2012)

This standard shall establish a common set of criteria for all hazards disaster/emergency management and business continuity programs, referred to as “the program” in this standard.

BSR/NFPA 1912-201x, Standard for Fire Apparatus Refurbishing (revision of ANSI/NFPA 1912-2011)

This standard specifies the minimum requirements for the refurbishing of automotive fire apparatus utilized for fire fighting and rescue operations, whether the refurbishing is done at the fire department or municipal maintenance facilities, or at the facilities of private contractors or apparatus manufacturers.

BSR/NFPA 1977-201x, Standard on Protective Clothing and Equipment for Wildland Fire Fighting (revision of ANSI/NFPA 1977-2011)

This standard shall specify the minimum design, performance, testing, and certification requirements for items of wildland fire fighting protective clothing and equipment, including protective garments, protective helmets, protective gloves, protective footwear, protective goggles, and protective chain saw protectors; and for load-carrying equipment.

BSR/NFPA 1984-201x, Standard on Respirators for Wildland Fire-Fighting Operations (revision of ANSI/NFPA 1984-2011)

This standard shall specify the minimum design, performance, testing, and certification requirements for respirators to provide protection from inhalation hazards for personnel conducting wildland fire-fighting operations.

BSR/NFPA 1991-201x, Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies (revision of ANSI/NFPA 1991 -2005)

This standard shall specify minimum design, performance, certification, and documentation requirements; and test methods for vapor-protective ensembles and individual elements for chemical vapor protection; and additional optional criteria for chemical flash fire escape protection and liquefied gas protection.

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.

ASA (ASC S3) (Acoustical Society of America)

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

Contact: *Susan Blaeser*

Phone: (631) 390-0215

Fax: (631) 923-2875

E-mail: asastds@acousticalsociety.org

BSR ASA S3.22-201x, Specification of Hearing Aid Characteristics (revision of ANSI/ASA S3.22-2009a)

Obtain an electronic copy from: asastds@acousticalsociety.org

CEA (Consumer Electronics Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Veronica Lancaster*

Phone: (703) 907-7697

Fax: (703) 907-4197

E-mail: vlancaster@ce.org; dwilson@ce.org

ANSI/CEA 109-D-2009, Intermediate Frequencies for Entertainment Receivers (withdrawal of ANSI/CEA 109-D-2009)

ANSI/CEA 639-2010, Consumer Camcorder or Video Camera Low Light (withdrawal of ANSI/CEA 639-2010)

BSR/CEA 2052.1-201x, Glossary of Terms for Sleep Wearable Devices (new standard)

ECA (Electronic Components Association)

Office: 2214 Rock Hill Road
Suite 170
Herndon, VA 20170-4212

Contact: *Laura Donohoe*

Phone: (571) 323-0294

Fax: (571) 323-0245

E-mail: ldonohoe@ecianow.org

BSR/EIA 364-10F-201x, Fluid Immersion Test Procedure for Electrical Connectors, Sockets and Cable Assemblies (revision and redesignation of ANSI/EIA-364-10E-2008)

Obtain an electronic copy from: global.ihs.com (877) 413-5184

HPVA (Hardwood Plywood & Veneer Association)

Office: 1825 Michael Faraday Drive
Reston, VA 20190

Contact: *Brian Sause*

Phone: (703) 435-2900

Fax: (703) 435-2537

E-mail: bsause@hpva.org

BSR/HPVA HP-1-201x, Hardwood and Decorative Plywood (revision of ANSI/HPVA HP-1-2009)

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

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

Contact: *Barbara Bennett*

Phone: (202) 626-5743

Fax: (202) 638-4922

E-mail: comments@itic.org

INCITS/ISO/IEC 29109-5:2014, Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 - Part 5: Face image data (identical national adoption of ISO/IEC 29109-5:2014 and revision of INCITS/ISO/IEC 29109 -5:2012 [2013])

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

INCITS/ISO/IEC 29182-6:2014, Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 6: Applications (identical national adoption of ISO/IEC 29182-6:2014)

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

INCITS/ISO/IEC 24759:2014, Information technology - Security techniques - Test requirements for cryptographic modules (identical national adoption of ISO/IEC 24759:2014 and revision of INCITS/ISO/IEC 24759:2008 [2009])

Obtain an electronic copy from: www.incits.org

NECA (National Electrical Contractors Association)

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

Contact: *Diana Brioso*

Phone: (301) 215-4549

Fax: (301) 215-4500

E-mail: diana.brioso@necanet.org; neis@necanet.org

BSR/NECA 411-201X, Standard for Installing and Maintaining Uninterruptible Power Supplies (UPS) (revision of ANSI/NECA 411 -2006)

Obtain an electronic copy from: neis@necanet.org

NEMA (ASC C78) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 1752
Rosslyn, VA 22209

Contact: *Karen Willis*

Phone: (703) 841-3277

Fax: (703) 841-3377

E-mail: Karen.Willis@nema.org

BSR ANSLG C78.43-201x, Electric Lamps - Single-Ended Metal Halide Lamps (revision of ANSI ANSLG C78.43-2013)

NEMA (ASC C82) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 1752
Rosslyn, VA 22209

Contact: *Karen Willis*

Phone: (703) 841-3277

Fax: (703) 841-3377

E-mail: Karen.Willis@nema.org

BSR C82.77-11-201x, Lighting Equipment - High Frequency Emissions (new standard)

BSR C82.77-12-201x, Lighting Equipment - Inrush Requirements (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Charles Bohanan*

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 541 om-201x, Internal bond strength of paperboard (z-direction tensile) (new standard)

BSR/TAPPI T 1012 om-201x, Moisture content of fiber glass mats (revision of ANSI/TAPPI T 1012 om-2010)

TIA (Telecommunications Industry Association)

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

Contact: *Germaine Palangdao*

Phone: (703) 907-7497

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 455-86-A-201x, Fiber Optic Cable Jacket Shrinkage (revision and redesignation of ANSI/TIA 455-86-1983 (R2005))

Obtain an electronic copy from: standards@tiaonline.org

UL (Underwriters Laboratories, Inc.)

Office: 455 E. Trimble Rd.
San Jose, CA 95131-1230

Contact: *Marcia Kawate*

Phone: (408) 754-6743

Fax: (408) 754-6743

E-mail: Marcia.M.Kawate@ul.com

BSR/UL 144-201x, Standard for Safety for LP-Gas Regulators (revision of ANSI/UL 144-2014)

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

BSR/UL 961-201x, Standard for Safety for Electric Hobby and Sports Equipment (new standard)

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

BSR/UL 1769-201x, Standard for Safety for Cylinder Valves (revision of ANSI/UL 1769-2011)

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

Final Actions on American National Standards

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

AAMI (Association for the Advancement of Medical Instrumentation)

Addenda

ANSI/AAMI/ISO 11607-1:2006, A1-2014, Packaging for terminally sterilized medical devices - Part 1: Requirements for materials, sterile barrier systems, and packaging - Amendment 1 (addenda to ANSI/AAMI/ISO 11607-1:2006): 9/10/2014

ANSI/AAMI/ISO 11607-2:2006, A1-2014, Packaging for terminally sterilized medical devices - Part 2: Validation requirements for forming, sealing and assembly processes - Amendment 1 (addenda to ANSI/AAMI/ISO 11607-2:2006): 9/10/2014

New National Adoption

ANSI/AAMI/IEC 80601-2-58-2014, Medical electrical equipment - Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery (identical national adoption of IEC 80601-2-58): 9/10/2014

ANSI/AAMI/ISO 11140-1-2014, Sterilization of health care products - Chemical indicators - Part 1: General requirements (identical national adoption of ISO/DIS 11140-1 and revision of ANSI/AAMI/ISO 11140-1-2005 (R2010)): 9/10/2014

ACCA (Air Conditioning Contractors of America)

Revision

ANSI/ACCA 12 QH-2014, Home Evaluation and Performance Improvement (revision of ANSI/ACCA 12 QH-2011): 9/8/2014

ADA (American Dental Association)

New National Adoption

ANSI/ADA Standard No. 137-2014, Essential Characteristics of Test Methods for the Evaluation of Treatment Methods Intended to Improve or Maintain the Microbiological Quality of Dental Unit Procedural Wastewater (identical national adoption of ISO/TS 11080:2009): 9/10/2014

APSP (Association of Pool & Spa Professionals)

Revision

* ANSI/APSP/ICC-14 2014, Standard for Portable Electric Spa Energy Efficiency (revision of ANSI/APSP 14-2011): 9/12/2014

ASA (ASC S12) (Acoustical Society of America)

Reaffirmation

ANSI/ASA S12.60-2009/Part 2 (R2014), Standard Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools - Part 2: Relocatable Classroom Factors (reaffirmation of ANSI/ASA S12.60-2009/Part 2): 9/11/2014

ANSI/ASA S12.64-2009/Part 1 (R2014), Standard Quantities and Procedures for Description and Measurement of Underwater Sound from Ships - Part 1: General Requirements (reaffirmation of ANSI/ASA S12.64-2009/Part 1): 9/10/2014

ASA (ASC S2) (Acoustical Society of America)

Reaffirmation

ANSI/ASA S2.31-1979 (R2014), Standard Methods for the Experimental Determination of Mechanical Mobility, Part 1: Basic Definitions and Transducers (reaffirmation of ANSI/ASA S2.31-1979 (R2009)): 9/11/2014

ANSI/ASA S2.32-1982 (R2014), Standard Methods for the Experimental Determination of Mechanical Mobility, Part 2: Measurements Using Single-Point Translational Excitation (reaffirmation of ANSI/ASA S2.32-1982 (R2009)): 9/11/2014

ANSI/ASA S2.1-2009 (R2014), ISO 2041-2009 (R2014), Standard Mechanical vibration, shock and condition monitoring - Vocabulary (reaffirmation of ANSI ASA S2.1-2009/ISO 2041-2009): 9/11/2014

ASA (ASC S3) (Acoustical Society of America)

Reaffirmation

ANSI/ASA S3.25-2009 (R2014), Standard for an Occluded Ear Simulator (reaffirmation of ANSI/ASA S3.25-2009): 9/11/2014

ASABE (American Society of Agricultural and Biological Engineers)

Revision

ANSI/ASAE S448.2 -2014, Thin-Layer Drying of Agricultural Crops (revision and redesignation of ANSI/ASAE S448.1-JUL01 (R2013)): 9/9/2014

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME EA-1-2009 (R2014), Energy Assessment for Process Heating Systems (reaffirmation of ANSI/ASME EA-1-2009): 9/12/2014

ANSI/ASME EA-3-2009 (R2014), Energy Assessment of Industrial Steam Systems (reaffirmation of ANSI/ASME EA-3-2009): 9/12/2014

Revision

ANSI/ASME B5.60-2014, Workholding Chucks: Jaw Type Chucks (revision of ANSI/ASME B5.60-2002): 9/15/2014

ASSE (ASC A10) (American Society of Safety Engineers)

Revision

ANSI/ASSE A10.44-2014, Control of Energy Sources (Lockout/Tagout) for Construction and Demolitions Operations (revision of ANSI A10.44-2006): 9/9/2014

ASSE (ASC Z244) (American Society of Safety Engineers)

Reaffirmation

ANSI/ASSE Z244.1-2003 (R2014), Control of Hazardous Energy - Lockout/Tagout and Alternative Methods (reaffirmation of ANSI/ASSE Z244.1-2003 (R2008)): 9/9/2014

AWC (American Wood Council)

Revision

ANSI/AWC SDPWS-2015, Special Design Provisions for Wind and Seismic (revision and redesignation of ANSI/AF&PA SDPWS-2008): 9/8/2014

AWS (American Welding Society)

Revision

ANSI/AWS B5.17-2014, Specification for the Qualification of Welding Fabricators (revision of ANSI/AWS B5.17-2008): 9/12/2014

ANSI/AWS D8.8M-2014, Specification for Automotive Weld Quality-Arc Welding of Steel (revision of ANSI/AWS D8.8M-2007): 9/9/2014

AWWA (American Water Works Association)

Revision

ANSI/AWWA C304-2014, Design of Prestressed Concrete Cylinder Pipe (revision of ANSI/AWWA C304-2007): 9/9/2014

ECA (Electronic Components Association)

New Standard

ANSI/EIA 364-64-2014, Spring Finger Force Test Procedure for Circular Connectors (new standard): 9/10/2014

ISA (International Society of Automation)

New Standard

ANSI/ISA 96.06.01-2014, Guidelines for the Specification of Self Contained Electro-Hydraulic Valve Actuators (new standard): 9/10/2014

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

New National Adoption

INCITS/ISO/IEC 9075-1:2011/Cor 1:2013[2014], Information technology - Database languages - SQL - Part 1: Framework (SQL/Framework) - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9075-1:2011/Cor 1:2013): 9/12/2014

INCITS/ISO/IEC 9075-2:2011/Cor 1:2013[2014], Information technology - Database languages - SQL - Part 2: Foundation (SQL/Foundation) - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9075-2:2011/Cor 1:2013): 9/12/2014

INCITS/ISO/IEC 9075-4:2011/Cor 1:2013 [2014], Information technology - Database languages - SQL - Part 4: Persistent Stored Modules (SQL/PSM) - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9075-4:2011/Cor 1:2013): 9/12/2014

INCITS/ISO/IEC 9075-14:2011/Cor 1:2013[2014], Information technology - Database languages - SQL - Part 14: XML-Related Specifications (SQL/XML) - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9075-14:2011/Cor 1:2013): 9/15/2014

INCITS/ISO/IEC 11160-2:2013[2014], Information technology - Office equipment - Minimum information to be included in specification sheets - Printers - Part 2: Class 3 and Class 4 printers (identical national adoption of ISO/IEC 11160-2:2013 and revision of INCITS/ISO/IEC 11160-2:1996 [R2009]): 9/15/2014

INCITS/ISO/IEC 19794-7:2014, Information technology - Biometric data interchange formats - Part 7: Signature/sign time series data (identical national adoption of ISO/IEC 19794-7:2014): 9/15/2014

INCITS/ISO/IEC 29182-3-2014, Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 3: Reference architecture views (identical national adoption of ISO/IEC 29182-3:2014): 9/15/2014

INCITS/ISO/IEC 18025:2014, Information technology - Environmental Data Coding Specification (EDCS) (identical national adoption of ISO/IEC 18025:2014 and revision of INCITS/ISO/IEC 18025:2005 [2009]): 9/15/2014

INCITS/ISO/IEC 40500:2012 [2014], Information technology - W3C Web Content Accessibility Guidelines (WCAG) 2.0 (identical national adoption of ISO/IEC 40500:2012): 9/15/2014

NAAMM (National Association of Architectural Metal Manufacturers)

Revision

ANSI/NAAMM HMMA 861-2014, Guide Specifications for Commercial Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 861-2006): 9/15/2014

ANSI/NAAMM HMMA 863-2014, Guide Specification for Detention Security Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 863-2004): 9/15/2014

NECA (National Electrical Contractors Association)

Revision

* ANSI/NECA 402-2014, Standard for Installing and Maintaining Motor Control Centers (revision of ANSI/NECA 402-2007): 9/9/2014

* ANSI/NECA 406-2014, Standard for Installing Residential Generator Sets (revision of ANSI/NECA 406-2003): 9/12/2014

NEMA (ASC C136) (National Electrical Manufacturers Association)

Revision

ANSI C136.16-2014, Standard for Roadway and Area Lighting: Enclosed, Post Top-Mounted Luminaires (revision of ANSI C136.16 -2009): 9/11/2014

NEMA (ASC C8) (National Electrical Manufacturers Association)

Reaffirmation

ANSI/ICEA T-28-562-2003 (R2014), Test Method for Measurement of Hot Creep of Polymeric Insulations (reaffirmation of ANSI/ICEA T-28 -562-2003): 9/12/2014

TIA (Telecommunications Industry Association)

Addenda

ANSI/TIA 102.AAAB-A-1-2014, Project 25 - Digital Land Mobile Radio - Security Services Overview (addenda to ANSI/TIA 102.AAAB-A -2005): 9/9/2014

New Standard

ANSI/TIA 102.AACA-A-2014, Project 25 Digital Radio Over-The-Air-Rekeying (OTAR) Messages and Procedures (new standard): 9/10/2014

UL (Underwriters Laboratories, Inc.)

Reaffirmation

ANSI/UL 231-2010 (R2014), Standard for Safety for Power Outlets (Proposal dated 7-11-14) (reaffirmation of ANSI/UL 231-2010): 9/11/2014

ANSI/UL 586-2009 (R2014), Standard for Safety for High-Efficiency, Particulate, Air Filter Units (reaffirmation of ANSI/UL 586-2009): 9/12/2014

Revision

* ANSI/UL 1042-2014, Standard for Safety for Electric Baseboard Heating Equipment (revision of ANSI/UL 1042-2013a): 9/9/2014

Project Initiation Notification System (PINS)

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

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. To view information about additional standards for which a PINS has been submitted and to search approved ANS, please visit www.NSSN.org, which is a database of standards information. Note that this database is not exhaustive.

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

ASTM (ASTM International)

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West Conshohocken, PA 19428-2959

Contact: *Corice Leonard*

Fax: (610) 834-3683

E-mail: accreditation@astm.org

BSR/ASTM WK47169-201x, New Test Method for tensile strength of graphites using the Brazilian Disc technique (new standard)

Stakeholders: Manufactured Carbon and Graphite Products industry.

Project Need: For testing small geometry specimen of graphites. An acceptable small specimen geometry is needed for graphite, especially for irradiation testing.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK47169.htm

BSR/ASTM WK47207-201x, New Test Method for Synthetic Turf System Infill Sampling in the Field (new standard)

Stakeholders: Artificial Turf Surfaces and Systems industry.

Project Need: This test Method provides a consistent sampling procedure for obtaining infill samples of synthetic turf infill materials in the field.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK47207.htm

AWS (American Welding Society)

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Miami, FL 33166

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E-mail: eabrams@aws.org

BSR/AWS D14.4/D14.4M-201X, Specification for the Design of Welded Joints in Machinery and Equipment (revision of ANSI/AWS D14.4/D14.4M-2012)

Stakeholders: Machinery and Equipment community.

Project Need: Currently, the document exists in its 4th edition, and new advances in weld design of joint in machinery and equipment have been developed. Because of substantive comments received from the recent TAC ballot, a revision will have to be made.

This specification sets forth requirements dealing with the allowable stresses, welded joint design, workmanship, procedure and performance qualification, inspection, repair, and post-weld treatments of welded connections used in machinery and equipment, subject to static and cyclic loading.

CEA (Consumer Electronics Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Veronica Lancaster*

Fax: (703) 907-4197

E-mail: vlancaster@ce.org; dwilson@ce.org

* ANSI/CEA 109-D-2009, Intermediate Frequencies for Entertainment Receivers (withdrawal of ANSI/CEA 109-D-2009)

Stakeholders: Consumer, manufacturers, retailers.

Project Need: Withdraw ANSI/CEA 109-D R-2009.

CEA-109-D specifies Intermediate Frequencies (IFs) to be used in Standard Broadcast (AM), FM, and TV broadcast receivers. In CEA -109-D, the term “Intermediate Frequency (IF)” refers to the dominant interference-rejecting and passband-shaping circuits in receiver front-ends.

* ANSI/CEA 639-2010, Consumer Camcorder or Video Camera Low Light (withdrawal of ANSI/CEA 639-2010)

Stakeholders: Consumer, manufacturers, retailers.

Project Need: Withdraw ANSI/CEA 639.

The purpose of this document is to specify the recommended method and test conditions to determine the low-light sensitivity of consumer camcorders operating on the North American 525-line, 60-Hz NTSC color video standard. Utilizing standard engineering video test equipment, test charts, and simple adjustable lighting, the low-light sensitivity of consumer-grade camcorders will be determined. The low-light sensitivity of the unit under test will be expressed in lux.

* BSR/CEA 2052.1-201x, Glossary of Terms for Sleep Wearable Devices (new standard)

Stakeholders: Consumer electronics industry, consumers, users, producers, manufacturers, retailers.

Project Need: Create a glossary of terms and definitions for consumer sleep-wearable devices.

This standard specifies terms and definitions for consumer sleep-wearable devices.

HPVA (Hardwood Plywood & Veneer Association)

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Reston, VA 20190

Contact: *Brian Sause*

Fax: (703) 435-2537

E-mail: bsause@hpva.org

BSR/HPVA HP-1-201x, Hardwood and Decorative Plywood (revision of ANSI/HPVA HP-1-2009)

Stakeholders: Manufacturers, users, distributors, and retailers of hardwood plywood.

Project Need: Revise current American National Standard to reflect industry practices, technology, and regulations on hardwood and decorative plywood.

Details the specific requirements for all face, back, and inner ply grades as well as provisions for formaldehyde emissions, moisture content, manufacturing tolerances, sanding, and grade marking.

NEMA (ASC C78) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 1752
Rosslyn, VA 22209

Contact: *Karen Willis*

Fax: (703) 841-3377

E-mail: Karen.Willis@nema.org

* BSR ANSLG C78.43-201x, Electric Lamps - Single-Ended Metal Halide Lamps (revision of ANSI ANSLG C78.43-2013)

Stakeholders: Manufacturers, designers, testing labs, and end users.

Project Need: This project is needed to develop criteria for successfully starting MH lamps by properly specifying operating frequencies and other critical parameters.

This standard sets forth the physical and electrical requirements for single-ended metal halide lamps operated on 60 Hz ballasts to ensure interchangeability and safety. The data given also provides the basis for the electrical requirements for ballasts and ignitors, as well as the lamp-related requirements for luminaires. This standard includes lamps whose arc tubes are made of quartz or ceramic materials. Luminous flux and lamp color are not part of this standard.

NEMA (ASC C82) (National Electrical Manufacturers Association)

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Rosslyn, VA 22209

Contact: *Karen Willis*

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E-mail: Karen.Willis@nema.org

* BSR C82.77-11-201x, Lighting Equipment - High Frequency Emissions (new standard)

Stakeholders: Manufacturers, designers, testing labs, and end users.

Project Need: This project is needed to inform the reader of applicable High Frequency (HF) emissions limits in the United States.

This standard references high-frequency emissions limits and specifications for operating lighting devices such as ballasts, LED drivers, self-ballasted LED lamps, self-ballasted fluorescent lamps. The scope includes lighting devices that operate from supply sources up to 600V and 60 Hz.

* BSR C82.77-12-201x, Lighting Equipment - Inrush Requirements (new standard)

Stakeholders: Manufacturers, designers, testing labs, and end users.

Project Need: The intent of this project is to reference inrush current requirements for lighting devices, found in various standards, in one location.

This standard references the inrush current requirement standards for lighting devices such as electronic ballast, LED drivers, self-ballasted fluorescent lamps, and self-ballasted LED lamps.

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Charles Bohanan*

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 541 om-201x, Internal bond strength of paperboard (z-direction tensile) (new standard)

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 standard in order to revise if needed to address new technology or correct errors.

This method describes a procedure for measuring the internal fiber bond strength (z-direction tensile strength) of paperboard using an instrument that subjects a normal separation force to a 6.45-square centimeter (1-square inch) specimen.

BSR/TAPPI T 1012 om-201x, Moisture content of fiber glass mats (revision of ANSI/TAPPI T 1012 om-2010)

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 revise existing TAPPI/ANSI standard based on comments received on draft 1 ballot.

This method covers the determination of the moisture content of fiber glass mat.

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, IL 60062

Contact: *Elizabeth Sheppard*

Fax: (847) 664-3276

E-mail: Elizabeth.H.Sheppard@ul.com

* BSR/UL 2743-201x, Standard for Safety for Portable Power Packs (new standard)

Stakeholders: Manufacturers of portable power packs.

Project Need: To obtain national recognition of a standard covering portable power packs.

UL 2743 covers portable power packs provided with an internal battery. The power packs are provided with one or more inputs and they are provided with one or more outputs. These devices are intended for an external connection to a source of supply rated a maximum of 240 V ac, 60 Hz while charging the internal battery. When not charging the internal battery, these devices are not intended to be connected to the source of supply. For power packs provided with a booster function, the power packs are used for providing a temporary power source to a depleted land vehicle battery, rated 12 or 24 V, to provide emergency starting power.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ANSI-Accredited Standards Developers Contact Information

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

AAMI
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ABYC
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ACCA
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ADA (Organization)
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AGSC (ASC AGSC)
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ASSE (Safety)
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HPVA
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1825 Michael Faraday Drive
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Web: www.hpva.org

IEEE (ASC N42)
Institute of Electrical and Electronics Engineers
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ISA (Organization)
ISA-The Instrumentation, Systems, and Automation Society
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ITI (INCITS)
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NEMA (Canvass)
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NFPA
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NIRMA
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Fax: (703) 907-7727
Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062
Phone: (847) 664-3276
Fax: (847) 664-3276
Web: www.ul.com

Newly Published ISO Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization. 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).

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 16610-71:2014, Geometrical product specifications (GPS) - Filtration - Part 71: Robust areal filters: Gaussian regression filters, $132.00

GLASS IN BUILDING (TC 160)

ISO 11485-3:2014, Glass in building - Curved glass - Part 3: Requirements for curved tempered and curved laminated safety glass, $99.00

IMPLANTS FOR SURGERY (TC 150)

ISO 5832-4:2014, Implants for surgery - Metallic materials - Part 4: Cobalt-chromium-molybdenum casting alloy, $51.00

ISO 12891-2:2014, Retrieval and analysis of surgical implants - Part 2: Analysis of retrieved surgical implants, $156.00

ISO 5832-11:2014, Implants for surgery - Metallic materials - Part 11: Wrought titanium 6-aluminium 7-niobium alloy, $51.00

INDUSTRIAL FURNACES AND ASSOCIATED PROCESSING EQUIPMENT (TC 244)

ISO 13577-2:2014, Industrial furnaces and associated processing equipment - Safety - Part 2: Combustion and fuel handling systems, $259.00

LIGHT METALS AND THEIR ALLOYS (TC 79)

ISO 6361-2:2014, Wrought aluminium and aluminium alloys - Sheets, strips and plates - Part 2: Mechanical properties, $211.00

ISO 6361-3:2014, Wrought aluminium and aluminium alloys - Sheets, strips and plates - Part 3: Strips: Tolerances on shape and dimensions, $58.00

ISO 6361-4:2014, Wrought aluminium and aluminium alloys - Sheets, strips and plates - Part 4: Sheets and plates: Tolerances on shape and dimensions, $108.00

ISO 6362-2:2014, Wrought aluminium and aluminium alloys - Extruded rods/bars, tubes and profiles - Part 2: Mechanical properties, $149.00

MACHINE TOOLS (TC 39)

ISO 230-10/Amd1:2014, Test code for machine tools - Part 10: Determination of the measuring performance of probing systems of numerically controlled machine tools - Amendment 1: Measuring performance with scanning probes, $22.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

IEC 80601-2-58:2014, Medical electrical equipment - Part 2-58: Particular requirements for basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery, $211.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO 17560:2014, Surface chemical analysis - Secondary-ion mass spectrometry - Method for depth profiling of boron in silicon, $88.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 11783-12:2014, Tractors and machinery for agriculture and forestry - Serial control and communications data network - Part 12: Diagnostics services, $173.00

WATER QUALITY (TC 147)

ISO 16308:2014, Water quality - Determination of glyphosate and AMPA - Method using high performance liquid chromatography (HPLC) with tandem mass spectrometric detection, $139.00

ISO Technical Reports

OTHER

ISO/TR 18786:2014, Health and safety in welding - Guidelines for risk assessment of welding fabrication activities, $114.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

ANSI Accredited SDO and US TAG to ISO/IEC JTC 1, Information Technology

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

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

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

- **Producer – Hardware**

  This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

  This category primarily produces software products for the ITC marketplace.

- **Distributor**

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

- **User**

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

- **Consultants**

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

- **Standards Development Organizations and Consortia**

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

- **Academic Institution**

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

- **Other**

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

Membership in the INCITS Executive Board is open to all directly and materially affected parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, please contact Jennifer Garner at 202-626-5737 or jgarner@itic.org. Visit www.INCITS.org for more information regarding INCITS activities.

Calls for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

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

AAMI/CN 20 (PS), Small-bore connectors for liquids and gases in healthcare applications --Part 20: Common test methods

Association for the Advancement of Medical Instrumentation (AAMI) intends to ballot the text of ISO/FDIS 80369-20, Small-bore connectors for liquids and gases in healthcare applications – Part 20: Common test methods as a provisional American National Standard, AAMI/CN 20.

The need is due to the impact on public safety, as well as to comply with pending California legislation prohibiting the use of an epidural, intravenous, or enteral feeding connector that fits into a connection port other than the type for which it was intended, which will go into effect January 1, 2016.

Once the final versions of ISO 80369-20 is approved by ISO, the provisional standard will be replaced by a parallel adoption of the ISO standard, which is already in process and has been approved as a DIS. AAMI agrees to comply with all of the requirements in Annex B of the ANSI Essential Requirements related to provisional American National Standards.

For more information, contact Colleen Elliott, celliott@aami.org.

ANSI Accredited Standards Developers

Approval of Accreditation

SES – The Society for Standards Professionals

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of SES – The Society for Standards Professionals has been approved under its recently revised operating procedures for documenting consensus on SES-sponsored American National Standards, effective September 17, 2014. For additional information, please contact: Mr. Mike Morrell, Executive Director, SES, 1950 Lafayette Road, Box 1, Portsmouth, NH 03801; phone: 309.716.6504; e-mail: mikemorrell@live.com.

ANSI Accreditation Program for Greenhouse Gas Verification/Validation Bodies

Initial Accreditation

Internat Energy Solutions Canada, Inc.

Comment Deadline: October 20, 2014

In accordance with the following ISO standards:

ISO 14065:2007, Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

Internat Energy Solutions Canada, Inc.
425 Adelaide Street West, Suite 403A
Toronto, Ontario M5V 3C1
Canada

On August 29, 2014, the ANSI Greenhouse Gas Validation/Verification Accreditation Committee voted to approve Initial Accreditation for Internat Energy Solutions Canada, Inc. for the following:

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

Group 1 – General

Group 2 – Manufacturing

Group 3 – Power Generation

Please send your comments by October 20. 2014 to Ann Bowles, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: abowles@ansi.org.

International Organization for Standardization (ISO)

Call for comments

ISO/TMB – Standards under Systematic Review

ISO/IEC Guide 98-4:2012

Every International Standard published by ISO shall be subject to systematic review in order to determine whether it should be confirmed, revised/amended, converted to another form of deliverable, or withdrawn at least once every five years.

ISO has launched Systematic Review ballots on the following standards that are the responsibility of the ISO/TMB:

ISO/IEC Guide 98-4:2012, Uncertainty of measurement -- Part 4: Role of measurement uncertainty in conformity assessment

As there is no accredited U.S. TAG to provide the U.S. consensus positions on this document, we are seeking comments from any directly and materially affected parties.

Organizations or individuals interested in submitting comments or in requesting additional information should contact ISOT@ansi.org.

Meeting Notices

Green Building Initiative

The second and third meetings of the GBI 01-201X Consensus Body

The second and third meetings of the GBI 01-201X Consensus Body will be held at the following dates, times, and locations:

Meeting #2 – Downtown Chicago, IL, exact location still TBD

Thursday, November 13 (in person meeting), 1:30 PM – 5:00 PM Central Time

Friday, November 14 (in person meeting), 8:00 AM – 11:30 AM Central Time

The purpose for this meeting is for the Consensus Body members to meet in person and review the Working Draft of 01-201X document and hear initial reports from Subcommittees. The tentative agenda will be posted on the GBI webpage for the standard at: http://www.thegbi.org/about-gbi/ANSI-accredited-standards-developer.shtml. Attending by teleconference will be an option.

Meeting #3 – Webinar/Teleconference

Wednesday, January 7, 2015, 12 Noon ET to 2:00 PM ET (9:00 AM PT to 11:00 AM PT)

The purpose for this meeting is for the Consensus Body members to review progress on the Working Draft of 01-201X document and hear initial reports from Subcommittees and questions/comments from the public. The tentative agenda will be posted on the GBI webpage for the standard at: http://www.thegbi.org/about-gbi/ANSI-accredited-standards-developer.shtml.

All meetings are open to the public. Any member of the public or subcommittee participant that would like to attend the meeting should contact the Secretariat, Vicki Worden, preferably at least 10 days in advance of the meeting to ensure he/she is included in relevant communications in preparation for the meeting. (See GBI Procedures, Section 3.4 Visitors.)

To attend, and for additional information, please contact:

Vicki Worden
Secretariat for GBI
President, Worden Associates, Inc.
Phone: 207-236-2920
Cell: 202-841-2999
E-mail: vicki@wordenassociates.com

National Waste & Recycling Association℠
Collect. Recycle. Innovate.
(formerly known as EIA, NSWMA, WASTEC)

ANSI
ANSI Accredited Standards Developer

National Waste & Recycling Association Developed a Provisional Amendment to an American National Standard (ANS)

The National Waste & Recycling Association has approved a Provisional Amendment to standard ANSI Z245.1-2012 – *Mobile Wastes and Recyclable Materials Collection, Transportation, and Compaction Equipment – Safety Requirements*, in accordance with Annex B: *Procedures for the Development of a Provisional American National Standard (ANS) or a Provisional Amendment to an ANS* of the ANSI Essential Requirements: Due process requirements for American National Standards (www.ansi.org/essentialrequirements). The provisional amendment, approved August 12, 2014, removes fall protection procedures that many manufacturers and waste haulers, after attempting to satisfy the new requirements, learned that they are not practical and in some cases may create an unsafe condition.

Copies of the Provisional Standard may be obtained from the National Waste & Recycling Association at www.wasterecyling.org/resources/e-store. Inquiries about the Standard can be directed to secretary@wasterecycling.org or by phone at 1-202-364-3710.

Revision of
AWWA B305 – Anhydrous Ammonia

Proposed Substantive Change

This document shows a substantive change made following the first public review of the revision of AWWA B305. This public review is limited only to the change noted below.

Current language in the standard:

6.1.1 *Required*. Each container shall be identified as to product, grade, net weight, name and address of the manufacturer, and the brand name. Containers shall show a lot number and identification of manufacturer. All markings on cylinders or bulk shipments shall conform to applicable laws and regulations, including requirements established by the US Occupational Safety and Health Administration (OSHA).

Proposed substantive change:

6.1.1 *Required*. Non-bulk containers shall be identified as to product, grade, net weight, name and address of the manufacturer, and the brand name. Non-bulk containers shall show a lot number and identification of manufacturer. All markings on cylinders or bulk shipments shall conform to applicable laws and regulations.

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3.x drinking water treatment chemical: ~~the a chemicals, the chemical contaminants, and the impurities that are directly added to drinking water.~~ a chemical, including any *associated* contaminants and impurities, that is directly added to water for the purpose of converting raw water supplies into potable drinking water ~~in order to make the water drinking water~~.

Reason: The term "associated" was added to the definition.

3.x global sustainability of water resources: For purposes of this Standard, this term refers to the ability of water treatment to provide safe water for human contact, environmental release and consumption.

3.x recreational water: Water that is intended for human body contact such as pools, spas, hot tubs, splash zones, and other types of water facilities (excluding natural bodies of water).

3.x wastewater: A combination of the liquid and water-carried waste from residences, commercial buildings, industrial plants, and institutions, together with any groundwater, surface water, and storm water that may be present.

Reason: The above 3 terms are being added to clarify credit language below.

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4.2.1 Basic principle

The methodology for assessing whether a chemical product and its manufacturing processes~~(s)~~ conform~~s~~ to the environmental, economic, and social responsibility criteria and for verifying ongoing conformance shall be documented and be of sufficient detail to provide consumer confidence that this Standard has been correctly applied.

Reason: This addresses a comment about the economic aspect of sustainability.

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5.4.2 Major supplier environmental disclosure process

The manufacturer shall earn 1 point for documenting ~~10% of~~ its major suppliers (see definition in 3) who provide ingredients, reactants and processing aids (as in 5.4.1) meet one or more of the following:

- Responsible Care® 14001**Error! Bookmark not defined.**
- Responsible Care® Management System**Error! Bookmark not defined.**
- ISO 14001**Error! Bookmark not defined.**
- National Association of Chemical Distributors Responsible Distribution®**Error! Bookmark not defined.**
- Or equivalent type program

5.4.3 Major supplier audits (maximum of 2~~4~~ points)

The manufacturer may earn up to 2 points for independent third party or manufacturer audits of major suppliers for the chemical product ~~manufacturing process~~. It shall earn 1 point if ~~10% or more of~~ its major suppliers were audited in the past five years to verify conformance with environmental (~~as defined by~~ see ~~criteria~~ prerequisites in 6) and social accountability disclosure requirements (~~as defined in~~ see prerequisites in 9 ~~9.2.1~~).

~~If the major supplier complies with programs in 5.4.2, the manufacturer shall earn 1 additional point.~~

The manufacturer shall earn an additional 1 point if it has conducted annual audits ~~reviews~~ of ~~10% or more of~~ its major suppliers of the chemical product ~~manufacturing process~~ undergoing assessment to this Standard.

Reason: The reference to major suppliers in the definition was causing confusion with these percentages so the percentages were removed. The criteria now directly refer to the definition of major suppliers.

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6.3.1 Prerequisite - Energy inventory

The manufacturer shall complete an annual inventory of energy use of the chemical process manufacturing facility that encompasses production ~~for~~ of the chemical product. The inventory shall be categorized by quantity and source of energy, including the type and distance of transportation of the finished chemical product to the next point of sale.

Reason: The wording was reorganized for clarity.

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6.7 Global sustainability of water resources

Clean, treated water is essential for public health, a healthy environment, and a healthy economy. Communities, institutions and industries benefit from the use of water treatment products by the avoidance of public health risks that would attend the consumption or dissemination of pathogen-containing water. Water disinfection reduces the risk of waterborne diseases, thereby reducing the personal loss and costs of treating those diseases. Moreover, for many important uses, the economic value of water is a function of its quality, which is directly related to the efficacy of water treatment. Disinfectants and other treatment chemicals also play an important role in treating wastewater before it is discharged into the environment. This measure helps reduce infectious disease transmission as receiving waters may constitute a source of public water supply or be used for bathing, producing shellfish or irrigating crops.

The manufacturer shall earn one point each for a maximum of 3 points for documenting contributions to the global sustainability of water resources.

a) Social responsibility as defined by the credits herein (1 point);
b) Economic by demonstrating cost savings through the credits herein (1 point); or

c) Environmental impacts reduction as defined by the credits herein (1 point).

The documentation shall be reviewed annually and provide at a minimum of one example of their product, processes or corporate practices contributing to the global sustainability of water resources.

Reason: This newly proposed credit is shown here as a way to recognize the ability of water treatment to have a global impact on safety of human and environmental health.

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NSF/ANSI - 49
Biosafety Cabinetry: Design, Construction, Performance, and Field Certification

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2 Normative references

The following documents contain requirements that, by reference in this text, constitute requirements of this Standard. At the time of publication, the indicated editions were valid. All documents are subject to revision, and parties are encouraged to investigate the possibility of applying the most recent editions of the documents indicated below.

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IEST-RP-CC001, *Recommended Practice for HEPA Filters* [9]

IEST-RP-CC007, *Testing ULPA Filters* [9]

IEST-RP-CC013, *Institute of Environmental Sciences Recommended Practice*, Tentative, August, 1986[1]

IEST-RP-CC021, *Testing HEPA and ULPA Filter Media*[9]

IEST-RP-CC034, *Choice of Tests*[9]

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[9] Institute of Environmental Sciences and Technology, 5005 Newport Drive, Suite 506, Rolling Meadows, IL 60008-1699 <www.iest.org>.

5 Design and construction

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5.22 Filters

– HEPA or ULPA filters shall be required for the downflow and exhaust air systems.

– HEPA and ULPA filters for downflow and exhaust systems shall conform to the materials, construction, and aerosol efficiency requirements of ~~IEST-RP-CC-001.4~~ IEST-RP-CC-001.5 for type C, type J, type K, or type F filters. Filter media shall be tested in accordance with the methods of IEST-RP-CC021 with performance levels to meet the minimum efficiency requirements as specified above and the pressure drop requirements as required by the specific application. In addition, HEPA and ULPA filters shall be scan tested for a leakage not to exceed 0.01% when tested in accordance with Annex A, section A.2.

The cabinet shall be designed to provide accessibility for filter installation, testing, and sealing.

– HEPA and ULPA filters shall be mounted to prevent air bypass of the filters. When required, one or more 0.4 in (1 cm) IPS threaded plugged penetrations shall be located in the plenum upstream of the HEPA or ULPA filters and accessible from the front of the cabinet. These penetrations are used to measure the aerosol concentration upstream of the HEPA and ULPA filters during the HEPA or ULPA filter leak test (see 6.3). When the penetration enters a potentially contaminated space, it shall be labeled “Decontaminate Cabinet Before Opening.”

– Cabinets exhausting into the room shall be provided with a perforated exhaust filter guard (see figure 9) to prevent damage to the filter and blockage of exhaust air.

NOTE – An additional airflow sensor may be provided to indicate blockage of exhaust air.

– HEPA and ULPA filter patches shall not exceed 3% of the total face area of the side being patched. The maximum width of any one patch shall not exceed 1.5 in (4.0 cm).

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Annex H[2]

(informative)

Recommended materials, finishes, and construction

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H.5 Specifications

H.5.1 The specifications require filter-mounting tolerances for openings up to 20 in (51 cm), ± 0.063 in (± 1.6 mm); and openings over 20 in (51 cm), to be ± 0.13 in (± 3.2 mm). The squareness of filter mountings should have diagonals within 0.063 in (1.6 mm) total allowance. Flatness at the filter gasket seal surface should be ± 0.015 in (± 0.4 mm) within any 10 in (25 cm) run.[3]

H.5.2 The required HEPA/ULPA filter media should have the filtration efficiency and resistance to airflow required for a filter of the specified performance level. The media should have flammability properties as required by the appropriate construction grade(s). Some available filter media include glass fibers, synthetic fibers and membrane or expanded film (e.g. polytetrafluoroethylene (PTFE)). Media must be capable of meeting the aerosol concentration and test instrumentation requirements of referenced IEST standards.

H.5.3 Filters made with expanded PTFE

Leak testing these filters may require special considerations:

– membrane media is known to load with oils under prolonged exposure. Hence, the periodic scanning of these filters may result in the deterioration of filter performance due to loading with test aerosol;

– membranes are reported to exhibit greater spatial variability in their performance than traditional micro-glass filter media. Because a leak is a local performance of the filter and is affected by the variability in the performance of the media, testing filters with membrane media may indicate a greater number of leaks in the filter. This may be especially true when the tolerance for acceptable leaks is set very tight. Multilayer membrane media may also mitigate the variability in the media. New ePTFE available is a dual layer membrane media, protected with polyester scrim that will allow testing with std. aerosol concentrations and a photometer.

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Rationale Statement: Bio-tech markets today use many HEPA and ULPA air filters. These filters have been manufactured and submitted with micro-glass making them very fragile, prone to damage and potential leaks. Technological advancements in filtration media now offer a durable, low resistance, chemically resistant ePTFE (polytetraflouroethylene) media available that is 'PAO aerosol tolerant' at the standard range concentrations currently set up as necessary for a photometer.

[2] The information contained in this Annex is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. Therefore, this Annex may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the Standard.

[3] Specifications taken from Military specification MIL-F-51068 (cancelled) <www.defenselink.mil/pubs/>.

[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard
for Drinking Water Treatment Units –

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6 Minimum performance requirements

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6.2 Performance indication

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6.2.3 UV alarm performance

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6.2.3.3 Procedure

The following procedure shall be used to evaluate alarm performance:

a) Conduct all testing at the system's maximum flow rate.

b) Prepare the test system by cleaning it in accordance with the manufacturer's instructions.

Measure the volume (V) of the reactor and associated plumbing from the injection point to the reactor. This equals to one void volume. D~~d~~etermine the time (T) it takes for that volume to pass through the reactor at maximum flow (F). T=V/F

c) For continuous flow units, warm the system up according to manufacturers' instructions. For systems with an instant on, no warm-up shall be conducted.

d) Determine the injection pump setting that shall deliver a dose of parahydroxybenzoic acid (PHBA) into the feed stream sufficient to activate the alarm system. This is the "dose volume." Measure the UV absorbance, as referred to in 7.2.1.3 d), of the resulting challenge water.

e) Reset the alarm and resume feeding the clean general test water in 7.2.2.4.1.

f) Activate the injection pump to deliver ~~one~~ the "dose volume" of PHBA solution. Verify alarm activation within the time it takes for ~~one~~ three void volumes to pass through the system~~, or~~ plus 3 seconds~~, whichever is the longest time~~.

g) Repeat steps e) and f) until the alarm has been activated 10 consecutive times.

NOTE – If the alarm fails to activate during the test, verify that there has been no increase in power to the unit and the challenge water UV absorbance has not changed. If these conditions have changed, restart from step b); if not, terminate the test.

Reason: Revised per May 14, 2014 DWTU JC meeting decision to adjust the formula for determining the time for a UV system to enter into shut-off mode.

[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard
for Drinking Water System Components – Health Effects

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Table 3.1 – Material-specific analyses

Material type	Required analyses
Pipe/fitting/device materials	
Aluminum	regulated metals[2], aluminum
aAluminum oxide ceramics	regulated metals[2], aluminum
~~zirconium oxide ceramics~~	~~regulated metals[2], zirconium~~
~~silicon carbide ceramics~~	~~regulated metals[2], silicon~~
~~Ruby or sapphire (natural and synthetic aluminum oxide gemstones)~~	~~regulated metals[2], aluminum~~
~~a~~Asphaltic-coated ductile iron	GC/MS base/neutral scan (specific for carbonyls and non-aromatic hydrocarbons)[1], volatile organic chemicals (VOCs), polynuclear aromatic hydrocarbons (PNAs), regulated metals[2], molybdenum, vanadium, manganese
Brass	regulated metals[2], zinc, nickel, bismuth[15]
Carbon graphite non-impregnated	GC/MS[1], VOCs, polynuclear hydrocarbons (PNAs), regulated metals[2] ,
Carbon graphite (phenol formaldehyde impregnated)	GC/MS[1], VOCs, polynuclear hydrocarbons (PNAs), formaldehyde, regulated metals[2],
Carbon Steel	regulated metals[2]
Cast Iron	regulated metals[2]
Chrome/nickel plating	regulated metals[2], nickel
~~c~~Concrete	regulated metals[2],
Copper	regulated metals[2]
Ductile iron	regulated metals[2]
~~g~~Galvanized steel	regulated metals[2], zinc, nickel
Magnets	Metals[14,15]
Nickel based alloys	regulated metals[2], nickel
Platinum	regulated metals[2], platinum
Quartz	regulated metals[2]
Ruby or sapphire (natural and synthetic aluminum oxide gemstones)	regulated metals[2], aluminum
Silicon carbide ceramics	regulated metals[2], silicon
Silver	regulated metals[2], silver
~~s~~Stainless steel	regulated metals[2], nickel

Table 3.1 – Material-specific analyses

Material type	Required analyses
Titanium	regulated metals[2], titanium
Tungsten Carbide	regulated metals[2], tungsten
Zirconium oxide ceramics	regulated metals[2], zirconium
~~Carbon graphite non-impregnated~~	~~GC/MS[1], VOCs, polynuclear hydrocarbons (PNAs), regulated metals[2]~~ ,
~~Carbon graphite (phenol formaldehyde impregnated)~~	~~GC/MS[1], VOCs, polynuclear hydrocarbons (PNAs), formaldehyde, regulated metals[2]~~
Plastic materials	
~~a~~Acetal (AC)/polyoxymethylene (POM)	formaldehyde, VOCs, regulated metals[2], phenolics (by GC/MS base/acid scan)[1], acetal oligomers (by GC/MS base/acid scan)[1]
Acrylonitrile-butadiene-styrene (ABS) Acrylonitrile-styrene (SAN)	acrylonitrile, 1,3-butadiene, styrene, regulated metals[2], VOCs, phenolics (by GC/MS base/acid scan)[1]
~~c~~Cross linked polyethylene (PEX)	GC/MS[1], VOCs, regulated metals[2], phenolics (by GC/MS base/acid scan)[1], methanol, *tert*-butyl alcohol[3]
~~n~~Nylon 6	caprolactam, nitrogen-containing extractants (by GC/MS base/neutral scan)[1], VOCs, regulated metals[2], phenolics (by GC/MS base/acid scan)[1]
~~o~~Other nylons	nitrogen-containing extractants (by GC/MS base/neutral scan)[1], VOCs, regulated metals[2], phenolics (by GC/MS base/acid scan)[1], nylon monomers,
~~p~~Polybutylene (PB)	VOCs, regulated metals[2], phenolics (by GC/MS base/acid scan)[1],
Polycarbonate (PC)	Bisphenol A, VOCs, regulated metals[2], phenolics (by GC/MS base/acid scan)[1],
~~p~~Polyethylene (PE)	VOCs, regulated metals[2], phenolics (by GC/MS base/acid scan)[1],
~~p~~Polyphenylene oxide (PPO)	dimethyl phenol, VOCs, regulated metals[2], phenolics (by GC/MS base/acid scan)[1]
~~p~~Polyphthalamide (PPA)	hexamethylene diamine, terephthalic acid, isophthalic acid, VOCs, regulated metals[2] , phenolics (by GC/MS base/acid scan)[1]
~~p~~Polypropylene (PP)	VOCs, regulated metals[2], phenolics (by GC/MS base/acid scan)[1],
pPolysulphone including poly[phenylene sulphone] (PPSU)	sulphone monomer, VOCs, regulated metals[2], phenolics (by GC/MS base/acid scan)[1],
~~p~~Polyurethane (PUR)	GC/MS[1], VOCs, regulated metals[2] , phenolics (by GC/MS base/acid scan)[1],
~~p~~Polyvinyl chloride (PVC) and chlorinated polyvinyl chloride (CPVC)	regulated metals[2], phenolics[1], VOCs, tin[4], antimony[5], residual vinyl chloride monomer (RVCM)[6],
~~p~~Polyvinyl chloride (flexible)	VOCs, regulated metals[2], phenolics (by GC/MS base/acid scan)[1], phthalates[7], RVCM[6], tin[4], zinc[8],
Joining and sealing materials	
~~c~~Chloroprene	GC/MS[1] , VOCs, and 2-chloro-1,3-butadiene, phenolics (by GC/MS base/acid scan)[1], phthalates[7], PNAs[1], Nitrosoamines[13]

Table 3.1 – Material-specific analyses

Material type	Required analyses
~~e~~Ethylene-propylene-diene monomer (EPDM)	GC/MS[1], VOCs, phenolics (by GC/MS base/acid scan)[1], phthalates[7], PNAs[1], Nitrosoamines[13]
ETFE (Ethylene tetrafluoroethylene)	GC/MS[1], VOCs, perfluorooctanoic acid
Flux	regulated metals[2], GC/MS[1,15], VOCs15, PNAs[1,15]
fFluoroelastomer	GC/MS[1], VOCs, ~~phthalates[7],~~ perfluorooctanoic acid
Isoprene	GC/MS[1], VOCs, phenolics (by GC/MS base/acid scan)[1], phthalates[7], PNAs[1], isoprene monomer, Nitrosoamines[13],
~~Neoprene~~	~~GC/MS[1], VOCs, phenolics (by GC/MS base/acid scan)[1], phthalates[7], PNAs[1], chloroprene, Nitrosoamines[13]~~
~~n~~Nitrile-butadiene rubber (NBR, BUNA-N, HNBR)	GC/MS[1], VOCs, phenolics (by GC/MS base/acid scan)[1], phthalates[7], PNAs[1], 1,3-butadiene, acrylonitrile, Nitrosoamines[13]
PTFE	GC/MS[1], VOCs, perfluorooctanoic acid
PVDF	GC/MS[1], VOCs, vinylidene fluoride, hexafluoropropene
Silicone	GC/MS[1], VOCs, 2,4-dichlorobenzoic acid
Solder	regulated metals[2], aluminum, bismuth, nickel, silver, strontium, zinc
Solvent cements	GC/MS (base/neutral/acid scan)[15], VOCs[15], acetone, tetrahydrofuran, cyclohexanone, methyl ethyl ketone, dimethylformamide, methyl isobutyl ketone
~~s~~Styrene-butadiene rubber (SBR)	GC/MS[1], VOCs, phenolics (by GC/MS base/acid scan)[1], phthalates[7], PNAs[1], 1,3-butadiene, styrene, Nitrosoamines[13]
Barrier materials	
~~a~~Asphaltic coatings	regulated metals[2], molybdenum, vanadium, manganese, VOCs, GC/MS base/neutral scan (specific for carbonyls and non-aromatic hydrocarbons)[1], PNAs[1]
~~e~~Epoxy coatings (liquid and powder)	GC/MS (base/neutral/acid scan), bisphenol A[15], bisphenol A-diglycidyl ether[9,15], bisphenol A-diglycideryl ether[9,15], bisphenol A-propoxylate[9,15], epichlorohydrin[15], VOCs, bisphenol F[15], bisphenol F-diglycidyl ether[9,15], bisphenol F-diglycideryl ether[9,15], bisphenol F-propoxylate[9,15], solvent and reactive diluent additives[10,15]
~~p~~Polyester coatings	GC/MS (base/neutral/acid scan), VOCs, residual monomers[11]
~~p~~Polyurethane coatings	GC/MS (base/neutral/acid scan), VOCs
Portland and hydraulic cements	GC/MS[1], regulated metals[2], dioxins and furans, radionuclides, glycols and ethanolamines[12]

[1] see annex B, section B.7

[2] antimony, arsenic, barium, beryllium, cadmium, chromium, copper, lead, mercury, selenium, thallium. Chromium shall be evaluated against the pass/fail criteria of chromium VI as a screening level. If the normalized result exceeds this criteria, the sample shall be tested according to the method described in Section B.7.3 and shall be evaluated against the pass/fail criteria listed in Table D3 for the tested product. Regardless of chromium species, the total chromium pass/fail criteria shall not be exceeded.

[3] *tert*-Butyl alcohol analysis is required for PEX materials except those crosslinked via e-beam methodology.

Table 3.1 – Material-specific analyses

Material type	Required analyses

[4] The analysis for tin is required when tin-based stabilizers are used.

[5] The analysis for antimony is required when antimony-based stabilizers are used.

[6] The level of RVCM within the walls of PVC or CPVC products and materials shall be directly determined (annex B, section B.7).

[7] The analysis for phthalates is required when phthalate ester plasticizers are used. Analysis shall be for the specific phthalate ester(s) used in the formulation.

[8] The analysis for zinc is required when zinc-based stablilizers are used.

[9] Analysis shall be performed using liquid chromatography with ultraviolet detection (LC/UV).

[10] Analysis shall be performed for the specific solvent and reactive diluent additives used in the individual product formulation, such as benzyl alcohol.

[11] Analysis shall be performed for residual concentrations of the specific ester monomers used in the individual product formulation.

[12] Glycol and ethanolamine analyses shall be performed on cements containing these compounds as grinding aids.
[13] Analysis for N-Nitrosodimethylamine, N-Nitrosomethylethylamine, N-Nitrosodiethylamine, N-Nitrosodi-n-propylamine, N-Nitrosopyrrolidine, N-Nitrosomorpholine, N-Nitrosopiperidine, N-Nitrosodi-n-butylamine and N-Nitrosodiphenylamine are erquired when material is sulfur cured. Analysis shall be in accordance with USEPA Method 521 (USEPA-600/R-05/054).
[14]Aluminum, antimony, arsenic, barium, beryllium, bismuth, cadmium, cerium, cobalt, chromium, cesium, copper, dysprosium, erbium, europium, gallium, gadolinium, germanium, hafnium, indium, lanthanum, lead, lithium, lutetium, manganese, mercury, molybdenum, niobium, neodymium, nickel, palladium, praseodymium, platinum, rubidium, rhenium, rhodium, ruthenium, samarium, selenium, silver, strontium, tantalum, tellurium, thallium, tin, titanium, tungsten, uranium, vanadium, tungsten, ytterbium, zinc, zirconium. Chromium shall be evaluated against the pass/fail criteria of chromium VI as a screening level. If the normalized result exceeds this criteria, the sample shall be tested according to the method described in Section B.7.3 and shall be evaluated against the pass/fail criteria listed in Table D3 for the tested product. Regardless of chromium species, the total chromium pass/fail criteria shall not be exceeded.
[15] The testing may be waived for a specific analyte, where formulation information indicates that it is not present.

– concluded –

Reason: ***NSF/ANSI 61 currently requires formulation-specific testing, and those materials thought to be part of the product are identified via a formulation review. The proposed additions to this table (highlighted) will allow high-flow devices and certain section 8 and 9 products that have a low surface area (meeting the 2 sq inch clause) to be able to rely on Table 3.1 for the minimum test batteries instead of requiring formulation information from manufacturer. Per discussion at the 2012 annual DWA JC meeting (November 29, 2012), a task group was formed and reviewed the proposed additions. Subsequently, the table was updated and the concrete and references to testing pigments were removed from the ballot at this time.*** **NSF has collected data on the additional analyses for concrete and this information will be shared with the JC when available.**

NSF/ANSI Standard
for Personal Care Products

Personal Care Products Containing Organic Ingredients

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7 Labels, labeling, and market information

7.8 Use of the word organic to modify a "brand name" or company name

Certifying organizations shall prevent manufacturers from making a product appear to be more organic than it really is. In an effort to achieve this, brand or company names containing the term "organic" and its variants (e.g. "organics," "organix," "organo-," "organically," etc.) are not permitted on the principle display panel of products making a "contains organic ingredients" claim. Company names containing the term "organic" may be displayed as the name of the manufacturer, packer, or distributor and listed on the information panel as required by Food and Drug Administration (FDA) regulations. Nevertheless, the display of such company names cannot mislead consumers about the composition and organic certification of the product. Although this information is required by the FDA, it shall not be displayed in a manner that falsely implies an agricultural product meets certification requirements that it does not.

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~~**B.4.4.2 Use of the word organic to modify a "brand name" or company name**~~

~~Certifying organizations should attempt to prevent manufacturers from making a product appear to be more organic that it really is. In an effort to achieve this, third party certifying organizations may place restrictions on the size of the word or label. For instance, a certifying organization may require that the word "organic" not be more that 50% larger than the largest type size on the front display panel of a "contains organic ingredients" product. Certifying organizations may choose not to place type size restrictions on organic and 100% organic products.~~

~~Certifying organizations may encourage manufacturers not to use the word "organic"/"organics" at more than 50% of the largest type size on the front display panel of a "contains organic ingredients" product, and to ensure that "organic"/"organics" does not immediately precede the primary product descriptor on the label. There should be no type size or placement restrictions on organic and 100% organic products.~~

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BSR/UL 144, Standard for Safety for LP-Gas Regulators

1. Add CGA 793 Fitting

7.5 The inlet of a regulator shall conform to one of the following:

a) CGA No. 510 or 600 fitting in accordance with the Standard for Compressed Gas Cylinder Valve Outlet and Inlet Connections, CGA V-1;

b) Standard for Pipe Threads, General Purpose (Inch), ANSI/ASME B1.20.1;

c) Automotive Tube Fittings, SAE J512;

d) Cast Copper Alloy Fittings for Flared Copper Tubes, ANSI/ASME B16.26; or

e) A CGA No. 791, 793 or 810 appliance portion of the cylinder connection device in accordance with the Standard for Adapters and Cylinder Connection Devices for Portable LP-Gas Cylinder Assemblies, UL 2061 or the Standard for Cylinder Connection Devices, ANSI Z21.81 and described in Compressed Gas Association V-1, Standard for Compressed Gas Cylinder Valve Outlet and Inlet Connections. If the Type CGA 791 or CGA 793 inlet connection is integral with the regulator body so that the connection cannot be removed in service, the flow limiting device as required by UL 2061 is allowed to be part of the regulator construction, complying with material requirements of this standard. The performance of the inlet connection-regulator combination shall be in accordance with UL 2061 and this standard.

Exception: The regulator is not prohibited from being provided with an inlet connection other than those previously described, when it is marked in accordance with 41.1(i).

BSR/UL 498A, Standard for Safety for Current Taps and Adapters

1. Revision to the adapter circuit limitation

7.4.2 The male blade-configuration amperage rating shall not be less than the female contact-configuration amperage ratings on all devices.

Exception: For a non-permanent travel ~~adapters~~ adapter only, ~~when~~ the male blade configuration amperage rating ~~is~~ may be less than the female configuration amperage rating~~,~~. The ~~the~~ device shall be marked "Caution" and with the following or equivalent statement, "To avoid overloading the receptacle and branch circuit, limit use to ___ amperes maximum." The ampere rating to be used in the marking shall be the ampere rating of the male blade configuration.

2. Correction to improper insertion in Table 18.1

Table 18.1

Summary of tests - Current taps and adapters

Section	Test sequences	No. of devices[a]	Details
19	Comparative Tracking Index	5	Materials to be evaluated in accordance with Exception No. 1 to 10.3.1.
20	Glow Wire	3	Materials to be evaluated in accordance with Exception No. 1 to 10.3.2.
21	High-Current Arc Resistance to Ignition	3	Materials to be evaluated in accordance with Exception No. 2 to 10.3.2
24	Dielectric Voltage Withstand	6	All devices.
22	Mold Stress Relief		Devices employing thermoplastic materials.
24	Dielectric Voltage Withstand (Repeated)		Devices subjected to Mold Stress Relief Test.
23	Moisture Absorption Resistance	3	Conducted on vulcanized fibre, fuseholders and insulating backplates. Use insulating material portion of device only. Current taps intended for outdoor use.

25	Accelerated Aging	6	Materials to be evaluated in accordance with the Exception to 10.4.1.
27	Security of Blades		Devices rated 15A or less and 250 V or less.
26	Insulation Resistance	6	Devices molded of rubber or similar materials, or any material containing enough free carbon to render the material grey or black.
27	Security of Blades	6	Devices rated 15 A or less and 250 V or less that are not subjected to the Accelerated Aging Test.
28	Contact Security	6	Devices having 1-15P configuration blades only.
29	Retention of Plugs	6	Devices having a 1-15R, 5-15R, 5-20R, 6-15R, or 6-20R configuration.
30	Overload		
31	Temperature		
32	Retention of Plugs (Repeated)		Devices having a 1-15R, 5-15R, 5-20R, 6-15R, or 6-20R configuration.
33	Resistance to Arcing		Required only for devices having 1-15R, 5-15R, 5-20R, 6-15R, or 6-20R configurations not employing phenolic, urea, or melamine in the outlet face.
34	Fuseholder Temperature	6	Devices with fuseholders only.
35	Improper Insertion	12	Devices having a 1-15R ~~or 5-15R~~ outlet face configuration only.
36	Grounding Contact	6	Devices that can accommodate a 3-wire grounding attachment plug have one of the 5-15R, 5-20R, 6-15R, 6-20R, 7-15R, 14-15R, or 15-15R configurations only.
37	Supplementary Overcurrent Protector Temperature	1	Devices employing supplementary overcurrent protectors. Current taps intended for outdoor use.
38	Obstruction	1	All devices with a face or obstructions other than shown in Figures 11.3 or 11.4.
39	Separation	1	Devices employing an integral power supply with one or more Class 2 output low-voltage connectors
40	Circuit Condition	3	Current taps or adapters provided with

	Indication		supplementary circuitry
41	Leakage Current	1	Current taps or adapters provided with supplementary circuitry Current taps intended for outdoor use.
42	Rotational Endurance	6	Devices employing rotatable outlets.
43	Resistance	6	Devices employing rotatable outlets.
44	Fault Current	6	Devices employing rotatable outlets.
45	Test Series for Current Taps Intended for Outdoor Use	6	Current taps intended for outdoor use.
[a] A set of representative devices is not prohibited from being used for more than one group of tests when agreeable to all concerned.			

3. Addition of requirements to include a magnetically coupled adapter

3.12 MAGNETICALLY COUPLED ADAPTER - A device constructed of two mated halves held together by a permanent magnet.

9.2 A device shall have a maximum of three outlets supplied from one set of line blades.

Exception No. 1: A device that complies with 9.3, 9.4, or 9.5 is not required to comply with this requirement. See Table 9.1.

Exception No. 2: A magnetically coupled adapter shall have only one outlet supplied from one set of line blades.

10.8 Permanent magnets

10.8.1 Permanent Magnets used in a magnetically coupled adapter shall de-energize when mating haves are decoupled.

11.1.5 Permanent Magnets used in a magnetically coupled adapter shall not be relied upon to provide and render parts “de-energized”. Accessibility of live parts shall comply with 11.1.4 in both the coupled and uncoupled positions.

13.1.5 The grounding pin, blade, tab, or contact, of a grounding device shall be permanently attached to the body of the device.

Exception: For a magnetically coupled adapter the grounding pin, blade, or contact of a grounding device shall be permanently attached to each individual body halves of the adapter.

17D Magnetically Coupled Adapter

17D.1 In addition to the performance contained elsewhere in this standard the separable parts of a magnetically coupled adapter shall comply with the Contact Gap, Overload, Endurance No. 1 (Inductive - 6000 cycles), Endurance No. 2 (Tungsten - 6000 cycles), Temperature, and Contact Gap (repeated) tests contained in the Standard for Flush Switches, UL 20.

17D.2 The tests identified in 17D.1 shall be performed based upon the marked ampere and voltage rating of the magnetically coupled adapter.

BSR/UL 507, Standard for Safety for Electric Fans

3. Withdrawal of Proposal: Markings for Wall and Ceiling Insert Fans - Polymeric Housings.

62.5.9 A wall or ceiling insert fan or ceiling insert fan/light combination that is provided with a polymeric housing shall be marked, ″FOR USE IN ONE- AND TWO-FAMILY DWELLINGS ONLY″ ~~or ″NOT FOR USE IN ENVIRONMENTAL AIR-HANDLING SPACES.″~~ This marking shall be permanent in letters not less than 2.4 mm (3/32 inch) high, shall be located such that it is visible during installation and inspection of wire connections, shall be located near the supply connections, and shall be in a contrasting color from the material to which it is applied.

15. Withdrawal of Proposal: Revision for an Alternate Dielectric Test Potential for Manufacturing and Production Testing.

58.1 Each appliance shall withstand without electrical breakdown, the application of potential as indicated in Table 58.1 and at a frequency within the range of 40 – 70 hertz, as follows:

a) Between the primary wiring, including connected components, and accessible dead metal parts that are capable of becoming energized; and

b) Between primary wiring and accessible low-voltage (42.4 volts peak or less) metal parts, including terminals.

Exception No. 1: This requirement does not apply to an appliance that has no electrical components other than a motor that is acceptable for permanent connection to the supply source and complies with the requirements in the Standard for Electric Motors, UL 1004.

Exception No. 2: For component fans with accessible dead metal, the potential is to be applied between the input leads or terminals and dead metal parts. For component fans with no accessible dead metal, the dielectric voltage withstand test is not required.

~~*Exception No. 3: For appliances incorporating electronic controls instead of the AC test potential a DC test potential may be used with a value rated 1.414 times the AC voltage as required by Table 58.1.*~~

16. Withdrawal of Proposal: Locked Rotor Protection - Single Speed Motor with External Speed Control, Including the Addition of Glossary Terms to Clarify ″Adjustable Speed Motors″ and ″Multispeed Motors″.

~~2.2.1.1 ADJUSTABLE SPEED MOTOR – A motor with one winding combination provided with speed adjustment through the use of an integral or separate control that varies the current that is provided to the winding(s).~~

~~2.2.15.1 MULTISPEED MOTOR – A motor with winding capable of various pole groupings, separate windings, reconfigured windings or tapped windings provided for each speed.~~

20.2 When a multispeed motor is provided with protection in accordance with these requirements, the protection shall accomplish the intended result at each setting of the speed-control device.

~~*Exception: When the maximum coil winding temperature measured during the Locked-Rotor Temperature Test, does not exceed the normal temperature limits for the insulation class as specified in Table 31.2 of UL 1004-2, and the motor is provided with a thermal motor protector, the Endurance Test shall only be required in the high speed operating condition.*~~

~~20.2.1 When an adjustable speed motor is provided with protection in accordance with these requirements, the protection shall accomplish the intended result at the low and high speed setting.~~

~~Note: Low speed is considered to be represented by the lowest speed on the manufacturer's standard speed control. If the fan does not operate at the lowest speed control adjustment, the control shall be adjusted to result in fan rotation equivalent to 10% of the high speed value. Likewise, high speed is considered to be represented by the highest speed on the manufacturer's standard speed control.~~

~~*Exception No. 1: When the maximum coil winding temperature measured during the Locked-Rotor Temperature Test, does not exceed the normal temperature limits for the insulation class as specified in Table 31.2 of UL 1004-2, and the motor is provided with a thermal motor protector, the Endurance Test shall only be required in the high speed operating condition.*~~

~~*Exception No. 2: When the motor employs electronic protection evaluated to the requirements of UL 1004-7, testing in only the high speed setting is required.*~~

BSR/UL 1647, Standard Motor-Operated Massage and Exercise Machines

49.2.14 During the Temperature Test, Section 49, once constant temperatures have been reached in accordance with 49.1.13 ~~49.1.8~~, a treadmill provided with a motor-operated incline system shall additionally have the incline system raised and lowered for 9 complete cycles ~~. Unless~~ with a 5 minute pause between each cycle, unless the instructions ~~and/or~~ or operating modes ~~indicated~~ indicate a more severe rate of operation~~,~~. One ~~one~~ cycle consists of starting the incline from the lowest position, raising it as quickly as possible to the highest point, then immediately lowering the incline back to the starting position as quickly as possible. ~~A 5 minute pause between each 3 successive cycles shall be permitted. Immediately following the 9th cycle, maximum temperatures shall again be recorded.~~

BSR/UL 1738, Standard for Safety for Venting Systems for Gas-Burning Appliances, Categories II, III, and IV

1. Changing the implementation of the recent Rain Test proposal

PROPOSAL

24.1 The ~~Except where drainage is specified in the installation instructions, the~~ quantity of water entering the vent gas conduit or any other individual passageway shall not exceed 2 percent of that which would enter the conduit or passageway if unprotected by a cap or other means when tested as described in 24.2 - 24.6.

Exception: The Rain test is not required on a cap or vent termination that is intended for use only on a venting system designated for use with Category II and IV appliances and the installation instructions specify the use of adequate drainage in the system.

BSR/UL 1769, Standard for Safety for Cylinder Valves

1. Add construction and performance requirements for CGA 793 connections

5.7 A valve for LP-Gas for use on nominal 4 - 40 pound nominal LP-Gas capacity (10.2 - 95.3 pound water capacity) shall be provided with all of the following:

a) A CGA 791, CGA 793, or CGA 810 (Type I or Type II) outlet connection complying with the Standard for Compressed Gas Cylinder Valve Outlet and Inlet Connections, CGA V-1.

b) An overfilling prevention device complying with the Standard for Overfilling Prevention Devices, UL 2227.

c) A fixed maximum liquid level gauge including a dip tube. The vent valve portion of the gauge shall be of the type that incorporates a flat-bladed screwdriver slot for operation.

d) The fixed maximum liquid level gauge (vent valve) shall have the vent stem retained, such as by staking or crimping, so that it cannot be removed from the valve body by reverse rotation.

Exception No. 1: Valves intended for use on cylinders used in industrial truck service (including forklift truck cylinders) and cylinders identified and used in industrial welding and cutting gas applications, are not required to comply with the requirements noted in (a), (b), and (c) above.

Exception No. 2: A CGA 793 outlet connection complying with the Standard for Compressed Gas Cylinder Valve Outlet and Inlet Connections, CGA V-1 shall be limited to use on composite cylinders between 2.2 and 19 lbs propane capacity.

8 Connections

8.1 The inlet of a valve shall comply with one of the following standards:

a) Compressed Gas Cylinder Valve Outlet and Inlet Connections, CGA V-1, for the gas involved or

b) Pipe Threads, General Purpose (Inch) Revision and Redesignation of ASME/ANSI B2.1-1968 (R2001), ANSI/ASME B1.20.1.

c) A CGA 793 cylinder valve shall only be constructed with an inlet thread that has a M34 X 1.5 straight thread connection into cylinder and is only to be used on composite cylinders between 2.2 lbs and 19 lbs propane capacity.

Exception: Valves intended for use in installations where pipe fittings incorporate other than NPT type threads shall be permitted to be provided with pipe threads complying with a national

pipe thread standard compatible with those fittings. The pipe thread type shall be identified in accordance with 27.10.

8.2 The outlet of a valve shall comply with the Standard for Compressed Gas Cylinder Valve Outlet and Inlet Connections, CGA V-1, for the gas involved.

Exception No. 1: A valve that is marked in accordance with 27.4 is not prohibited from being used with an outlet that complies with one of the following:

a) The Standard for Pipe Threads, General Purpose (Inch) Revision and Redesignation of ASME/ANSI B2.1-1968 (R2001), ANSI/ASME B1.20.1;

b) Automotive Tube Fittings, SAE J512; and

c) Cast Copper Alloy Fittings for Flared Copper Tubes, ANSI/ASME B16.26.

Exception No. 2: A valve intended for use with LP-Gas is not prohibited from being used with an outlet that complies with Acme Screw Threads, ANSI/ASME B1.5.

Exception No. 3: A valve is not prohibited from being used with an outlet connection other than those previously described, if it is marked in accordance with 27.3.

Exception No. 4: Composite cylinders using between 2.2 lbs and 19 lbs propane capacity shall only be equipped with a CGA 793 outlet connection and metallic cylinders are prohibited from being equipped with a CGA 793 connection regardless of the above exceptions.

8.3 A valve provided with a CGA 791, CGA 793, or CGA 810 (Type I or Type II) outlet connection shall also comply with the Standard for Adapters and Cylinder Connection Devices for Portable LP-Gas Cylinder Assemblies, UL 2061.

17 Hydrostatic-Pressure Test

17.1 All parts of a valve, including the check modules on CGA 791, CGA 793, and CGA 810 connections, shall withstand, without rupture or permanent distortion, a hydrostatic pressure as specified in Table 17.1 for a minimum of one minute. The valve shall be pressurized from the inlet side of the valve. For valves having CGA 791, CGA 793 or 810 connection outlets, the test is first conducted without an adapter connected to the outlet, which will keep the check valve in the closed position. The test is then repeated with an adapter connected to the outlet, which will keep the check valve in an open position. The outlet of the adapter shall be closed or plugged. "Without permanent distortion" is defined as compliance with the requirements of the External Leakage Test, Section 14. Pressure relief device portions of the valve are exempt from this requirement.

BSR/UL 2061, Standard for Safety for Adapters and Cylinder Connection Devices for Portable LP-Gas Cylinder Assemblies

1. Add CGA 793 connections

4.9.1 CGA 793 CYLINDER CONNECTION DEVICE - A cylinder connection device that consists of two parts, an appliance portion and a cylinder portion that are threaded together without the use of tools to make a leak-tight joint.

5.6.1 The CGA 793 cylinder connection device shall be constructed in accordance with the Standard for Compressed Gas Cylinder Valve Outlet and Inlet Connections, CGA V-1, Connection No. 793.

5.8 For the CGA 791, 793, and 810 connections, the seal(s) used to prevent external leakage shall be in the cylinder portion of the device.

5.9 Adapters that convert one connection to another shall have a protective dust cap attached to the CGA 791, 793, or 810 portion of the adapter.

6.1 Operating parts such as check valve(s), poppets and springs, and components of the locking mechanism, which includes coupling nut of the CGA 791 and CGA 793 connection and pressure containing parts of adapters and cylinder connection devices, shall have strength and durability required to operate as intended without resulting in risk of fire or injury to persons.

Table 10.1

Force and torque requirements for couplers

Type of cylinder connection device	Force/torque requirements
CGA 810	The total force to lock or unlock and connect or disconnect shall not exceed 50 pounds.
CGA 791, 793	The torque to connect or disconnect shall not exceed 35 inch-pounds (4.0 N·m)